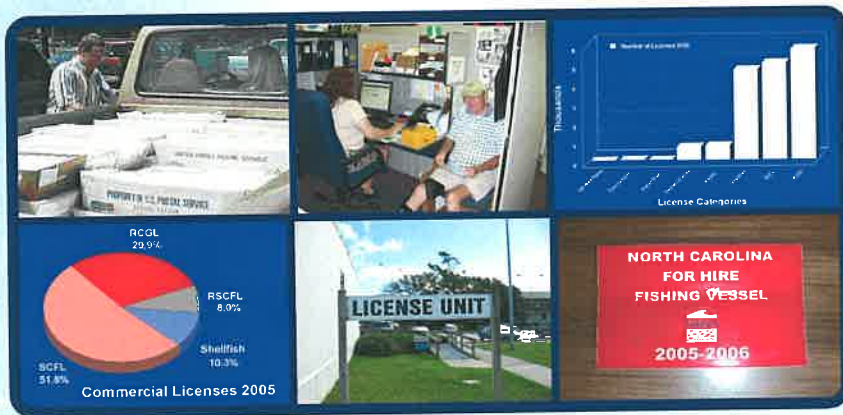


North Carolina Division of Marine Fisheries License and Statistics Section Annual Report

Issued November 29, 2006



License
Information

Commercial
Statistics



Recreational
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

Prepared By:

North Carolina Division of Marine Fisheries

License and Statistics Section

November 30, 2006

TABLE OF CONTENTS

ACKNOWLEDGMENTS.....	iii
LICENSE AND STATISTICS OVERVIEW.....	v
Chapter I : LICENSE AND PERMIT PROGRAM.....	I-1
Chapter II : COMMERCIAL TRIP TICKET PROGRAM	II-1
Chapter III : NORTH CAROLINA MARINE RECREATIONAL FISHERY STATISTICS SURVEY.....	III-1
Chapter IV : NORTH CAROLINA RECREATIONAL COMMERCIAL GEAR SURVEY	IV-1
Chapter V : NORTH CAROLINA STRIPED BASS CREEL SURVEY IN THE CENTRAL AND SOUTHERN MANAGEMENT AREA (CSMA).....	V-1

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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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- Funding for the North Carolina Highly Migratory Species (HMS) Catch Card Program was provided by the National Oceanic and Atmospheric Administration (NOAA), HMS Division.

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 second 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

TABLE OF CONTENTS

TABLE OF CONTENTS	I-1
LIST OF TABLES.....	I-1
PROGRAM NARRATIVE	I-3
Program Goal.....	I-3
Types of Licenses	I-3
Types of Issuable Permits	I-6
Licenses/Permits Issued.....	I-8
Permits Issued.....	I-14

LIST OF TABLES

Table 1. Total number of commercial licenses issued for FY2000-FY2006.....	I-8
Table 2. Total number of Standard Commercial Fishing Licenses (SCFL), Endorsements, and Assignments issued for FY2000-FY2006.....	I-8
Table 3. Total number of Retired Standard Commercial Fishing Licenses (RSCFL) and Endorsements issued for FY2000-FY2006.....	I-9
Table 4. Number of SCFL/RSCFL available from the SCFL Eligibility Pool.....	I-9
Table 5. Total number of Shellfish Licenses issued for FY2000-FY2006.....	I-9
Table 6. Total number of Commercial Fishing Vessel Registrations (CFVR) issued by vessel length category for FY2000-FY2006.....	I-9
Table 7. Total number of Fish Dealer Licenses for FY1994-FY2006 and number of Fish Dealer license categories for FY2000-FY2006.....	I-10
Table 8. Total number of Ocean Fishing Pier Licenses issued for FY1993-FY2006 with length range and average for FY-2003-FY2006.....	I-10
Table 9. Total number of Recreational Fishing Tournament Licenses to Sell Fish issued for FY2000-2006.....	I-11
Table 10. Total number of Spotter Plane Licenses issued for FY2000-FY2006.....	I-11
Table 11. Total number of Menhaden Licenses for Non-Residents without SCFL issued for FY2000-FY2006.....	I-11
Table 12. Total number of Licenses to Land Flounder from the Atlantic Ocean issued for FY2000-FY2006.....	I-12
Table 13. Total number of Land or Sell Licenses issued for FY2000-FY2006.....	I-12
Table 14. Total number of Recreational Commercial Gear Licenses (RCGL) issued for FY2000-FY2006.....	I-12
Table 15. Number of licenses with selling privileges that could have potentially reported on trip tickets.....	I-13
Table 16. Number of license transfers by license type for FY2000-FY2006.....	I-13
Table 17. Total number of Permits issued for FY2001-FY2006.....	I-14
Table 18. Total number of Blue Crab Shedding Permits issued for FY2001-FY2006.....	I-14
Table 19. Number of Striped Bass Dealer Permits (total and by validation area) issued for FY2001-FY2006.....	I-14
Table 20. Total number of Atlantic Ocean Flounder Dealer Permits issued for FY2001-FY2006.....	I-14
Table 21. Total number of Atlantic Ocean American Shad Dealer Permits issued for FY2001-FY2005.....	I-15
Table 22. Total number of Albemarle Sound Management Area River Herring Dealer Permits issued for FY2001-FY2006.....	I-15
Table 23. Total number of Horseshoe Crab Biomedical Use Permits issued for FY2001-FY2006.....	I-15
Table 24. Total number of Permits to Waive the Requirement to use TED in the Atlantic Ocean issued for FY2001-FY2006.....	I-15

Table 25. Total number of Pamlico Sound Gill Net Restricted Area Permits (PSGNRA) issued (electronically) FY2002-FY2006.	I-16
Table 26. Total number of For-Hire Fishing Permits and number of permits that have associated commercial fishing licenses.	I-16
Table 27. Total number of Spiny Dogfish Dealer Permits issued for FY2004-FY2006.	I-16
Table 28. Total number of Black Sea Bass North of Cape Hatteras Dealer Permits issued for FY2004-FY2006.	I-16
Table 29. Total number of Monkfish Large Mesh Gill Net Permits issued for FY2006.	I-16

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. The SCFL can be temporarily assigned to another person. The license can be transferred.

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. The license can be transferred.

Standard Commercial Fishing License Eligibility Pool

There is a cap on the number of SCFL/RSCFL that can be issued within the state. The cap is 8,896 SCFL/RSCFL. Fishermen can only renew the SCFL/RSCFL held the previous year. Licenses not renewed are returned to a pool. Persons who do not hold a SCFL/RSCFL can apply for a SCFL/RSCFL from the pool. The SCFL Eligibility Pool Board awards the right to purchase SCFL or RSCFL to eligible fishermen.

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 required 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. The registration can be transferred.

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

Dealer does not need to buy a Fish Dealer License. The dealer 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. The license can be transferred.

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 conservation 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 where 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. There are reporting requirements associated with this permit.

Permit to Waive Requirement To Use TEDs in the Atlantic Ocean

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. There are reporting requirements associated with this permit.

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 included, 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.

Monkfish Large Mesh Gill Net Permit

This permit is required for fishermen participating in the monkfish large mesh gill net fishery in the state ocean waters (0-3 miles). There are reporting requirements associated with this permit.

Licenses/Permits 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-FY2006.

Fiscal Year	Total Number of Licenses Issued
2000	29,971
2001	26,343
2002	26,497
2003	26,155
2004	25,313
2005	24,551
2006	23,784

Table 2. Total number of Standard Commercial Fishing Licenses (SCFL), Endorsements, and Assignments issued for FY2000-FY2006.

Fiscal Year	Total Number of Licenses	Shellfish Endorsement	Menhaden Endorsement	Assignments
2000	6,990	6,481	5	547
2001	6,783	6,191	6	585
2002	6,632	6,092	6	671
2003	6,505	5,984	6	736
2004	6,421	5,923	5	734
2005	6,301	5,484	5	783
2006	6,171	5,751	2	703

Table 3. Total number of Retired Standard Commercial Fishing Licenses (RSCFL) and Endorsements issued for FY2000-FY2006.

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
2006	787	771	0

Table 4. Number of SCFL/RSCFL available from the SCFL Eligibility Pool.

Fiscal Year	Number of Licenses Available
2000	500
2001	1,314
2002	1,423
2003	1,458
2004	1,421
2005	1,423
2006	1,536

SCFL/RSCFL cap = 8,896

Table 5. Total number of Shellfish Licenses issued for FY2000-FY2006.

Fiscal Year	Number of Licenses
2000	2,098
2001	2,176
2002	2,304
2003	2,131
2004	1,835
2005	1,623
2006	1,529

Table 6. Total number of Commercial Fishing Vessel Registrations (CFVR) issued by vessel length category for FY2000-FY2006.

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
2006	3,967	4,241	304	289	8,801

Table 7. Total number of Fish Dealer Licenses for FY1994-FY2006 and number of Fish Dealer license categories for FY2000-FY2006.

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
2006	769	467	334	352	112	27	72	0	41

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

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

Table 8. Total number of Ocean Fishing Pier Licenses issued for FY1993-FY2006 with length range and average for FY-2003-FY2006.

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
2006	24	30 - 1,019	713

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

² The 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 9. Total number of Recreational Fishing Tournament Licenses to Sell Fish issued for FY2000-2006.

Fiscal Year	Number of Licenses
2000	30
2001 ¹	25
2002	31
2003	30
2004	39
2005	41
2006	29

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

Table 10. Total number of Spotter Plane Licenses issued for FY2000-FY2006.

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
2006	9

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

Table 11. Total number of Menhaden Licenses for Non-Residents without SCFL issued for FY2000-FY2006.

Fiscal Year	Number of Licenses
2000	14
2001	10
2002	10
2003	10
2004	10
2005	12
2006	11

Table 12. Total number of Licenses to Land Flounder from the Atlantic Ocean issued for FY2000-FY2006.

Fiscal Year	Number of Licenses
2000	132
2001	132
2002	133
2003	138
2004	131
2005	136
2006	136

Table 13. Total number of Land or Sell Licenses issued for FY2000-FY2006.

Fiscal Year	Number of Licenses
2000	64
2001	53
2002	59
2003	91
2004	87
2005	144
2006	117

Table 14. Total number of Recreational Commercial Gear Licenses (RCGL) issued for FY2000-FY2006.

Fiscal Year	Number of Licenses
2000	6,740
2001	6,202
2002	6,300
2003	6,157
2004	5,868
2005	5,653
2006	5,401

Table 15. 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	8,875
2006 ³	8,644

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

Table 16. Number of license transfers by license type for FY2000-FY2006.

Fiscal Year	SCFL	RSCFL	CFVR	Flounder	Total
2000	788	39	192	15	1,034
2001	630	64	220	27	941
2002	489	43	127	17	676
2003	489	48	153	25	715
2004	494	65	150	29	738
2005	500	76	122	23	721
2006	488	69	92	24	673

Permits Issued

Permits issued by NCDMF License Office only.

Table 17. Total number of Permits issued for FY2001-FY2006.

Fiscal Year	Number of Permits
2001	538
2002	840
2003	771
2004	1,508
2005	1,488
2006	1,497

Table 18. Total number of Blue Crab Shedding Permits issued for FY2001-FY2006.

Fiscal Year	Number of Permits
2001	318
2002	370
2003	353
2004	349
2005	338
2006	330

Table 19. Number of Striped Bass Dealer Permits (total and by validation area) issued for FY2001-FY2006.

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
2006	100	49	53	53	65

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

Table 20. Total number of Atlantic Ocean Flounder Dealer Permits issued for FY2001-FY2006.

Fiscal Year	Number of Permits
2001	42
2002	41
2003	39
2004	31
2005	28
2006	26

Table 21. 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 22. Total number of Albemarle Sound Management Area River Herring Dealer Permits issued for FY2001-FY2006.

Fiscal Year	Number of Permits
2001	44
2002	47
2003	49
2004	44
2005	43
2006	37

Table 23. Total number of Horseshoe Crab Biomedical Use Permits issued for FY2001-FY2006.

Fiscal Year	Number of Permits
2001	1
2002	0
2003	0
2004	0
2005	0
2006	0

Table 24. Total number of Permits to Waive the Requirement to use TED in the Atlantic Ocean issued for FY2001-FY2006.

Fiscal Year	Number of Permits
2001	0
2002	16
2003	26
2004	22
2005	15
2006	12

Table 25. Total number of Pamlico Sound Gill Net Restricted Area Permits (PSGNRA) issued (electronically) FY2002-FY2006.

Fiscal Year	Number of Permits
2002	230
2003	161
2004	158
2005	153
2006	144

Table 26. Total number of For-Hire Fishing Permits and number of permits that have associated commercial fishing licenses.

Fiscal Year	Number of Permits	Number of Permits with SCFL	Number of Permits with RSCFL	Number of Permits with Shellfish Licenses	Number of Permits with CFVR
2004	711	319 (44.9%)	12 (1.69%)	8 (1.13%)	382 (53.7%)
2005	757	349 (46.1%)	13 (1.71%)	5 (0.66%)	446 (58.9%)
2006	787	305 (38.8%)	13 (1.7%)	4 (0.5%)	387 (49.2%)

NOTE: One For-Hire Fishing Permit represents one vessel.

Table 27. Total number of Spiny Dogfish Dealer Permits issued for FY2004-FY2006.

Fiscal Year	Number of Permits
2004	27
2005	24
2006	22

Table 28. Total number of Black Sea Bass North of Cape Hatteras Dealer Permits issued for FY2004-FY2006.

Fiscal Year	Number of Permits
2004	27
2005	26
2006	24

Table 29. Total number of Monkfish Large Mesh Gill Net Permits issued for FY2006.

Fiscal Year	Number of Permits
2006	15

Chapter II: COMMERCIAL TRIP TICKET PROGRAM

TABLE OF CONTENTS

LIST OF TABLES.....	II-1
LIST OF FIGURES	II-1
LIST OF APPENDICES	II-1
COMMERCIAL FISHERIES LANDING OVERVIEW	II-3

LIST OF TABLES

Table 30. Commercial landings of finfish and shellfish from 1950 to 2005.	II-6
Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005.....	II-9
Table 32. Commercial oyster landings, 1887-2005.	II-28
Table 33. Commercial oyster landings by gear type from 1930 to 2005.	II-30
Table 34. Commercial seafood landings by county of landing from 1962 to 2005.	II-32
Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005.	II-43
Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005.	II-55
Table 37. Annual landings by major finfish fisheries from 1994 to 2005.	II-66
Table 38. Number of participants, vessels, and trips by gear type from 1994 to 2005.	II-67
Table 39. Number of participants, vessels, and trips for specific species from 1994 to 2005.....	II-71
Table 40. Number of participants and total ex-vessel value of product for various income ranges from 1994 to 2005.....	II-77
Table 41. Number of dealers and total ex-vessel value of product purchased from licensed fishermen for various income ranges from 1994 to 2005.	II-79
Table 42. Total economic impact from commercial fishing in NC from 1994 to 2005.	II-81
Table 43. Total licenses with ability to sell finfish or shellfish issued and used by product year, July 1 - June 30, 1994 to 2005.	II-81

LIST OF FIGURES

Figure 1. Commercial landings of finfish and shellfish from 1950 to 2005.	II-7
Figure 2. Ex-vessel value of finfish and shellfish from 1950 to 2005.....	II-8
Figure 3. Commercial oyster landings in pounds and bushels from 1887 to 2005.....	II-29
Figure 4. Commercial oyster landings by gear type from 1930 to 2005.	II-31
Figure 5. Total licenses with the ability to sell finfish or shellfish issued and used by product year, July 1 - June 30, 1994 to 2005.	II-82

LIST OF APPENDICES

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program.	II-83
Appendix 2. Examples of NC Division of Marine Fisheries trip tickets.	II-93
Appendix 3. Trip Ticket Waterbody Codes and Maps.	II-102
Appendix 4. Trip Ticket Gear List.....	II-110

COMMERCIAL FISHERIES LANDING OVERVIEW

This chapter of the document contains commercial fishery landings for North Carolina from 1950-2005. 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 1950-2005 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, such as oyster landings, data 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 1). 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 1.

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 2), there is only one waterbody recorded per trip (Appendix 3). 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 4). 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 30. Commercial landings of finfish and shellfish from 1950 to 2005.

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 30. Commercial landings of finfish and shellfish from 1950 to 2005 (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	130,386,401	\$37,328,957	62,521,389	\$53,999,845	192,907,790	\$91,328,802
1995	118,609,807	\$45,659,016	57,326,438	\$64,924,994	175,936,245	\$110,584,010
1996	117,352,367	\$42,808,442	73,770,059	\$62,886,696	191,122,426	\$105,695,138
1997	163,504,621	\$46,295,481	65,065,854	\$62,799,323	228,570,476	\$109,094,804
1998	111,399,870	\$38,616,558	68,823,692	\$62,404,278	180,223,561	\$101,020,836
1999	86,085,821	\$34,755,440	67,648,753	\$64,549,914	153,734,574	\$99,305,354
2000	102,066,218	\$39,602,406	52,160,782	\$68,722,946	154,227,000	\$108,325,352
2001	98,044,405	\$36,071,959	39,119,555	\$52,057,270	137,163,960	\$88,129,229
2002	110,934,419	\$37,261,007	49,236,639	\$57,481,396	160,171,058	\$94,742,403
2003	88,671,082	\$33,743,655	50,753,971	\$53,379,700	139,425,054	\$87,123,355
2004	91,372,710	\$38,899,404	42,730,313	\$40,844,733	134,103,023	\$79,744,137
2005	49,008,412	\$34,932,465	30,175,027	\$29,964,180	79,183,439	\$64,896,645

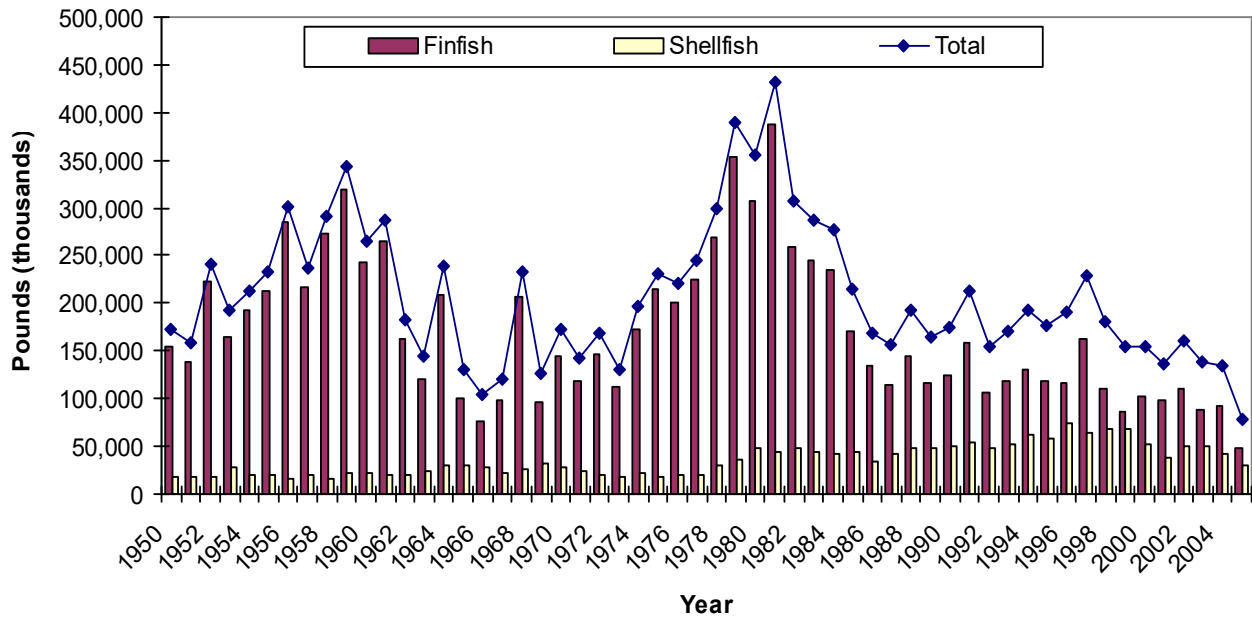


Figure 1. Commercial landings of finfish and shellfish from 1950 to 2005.

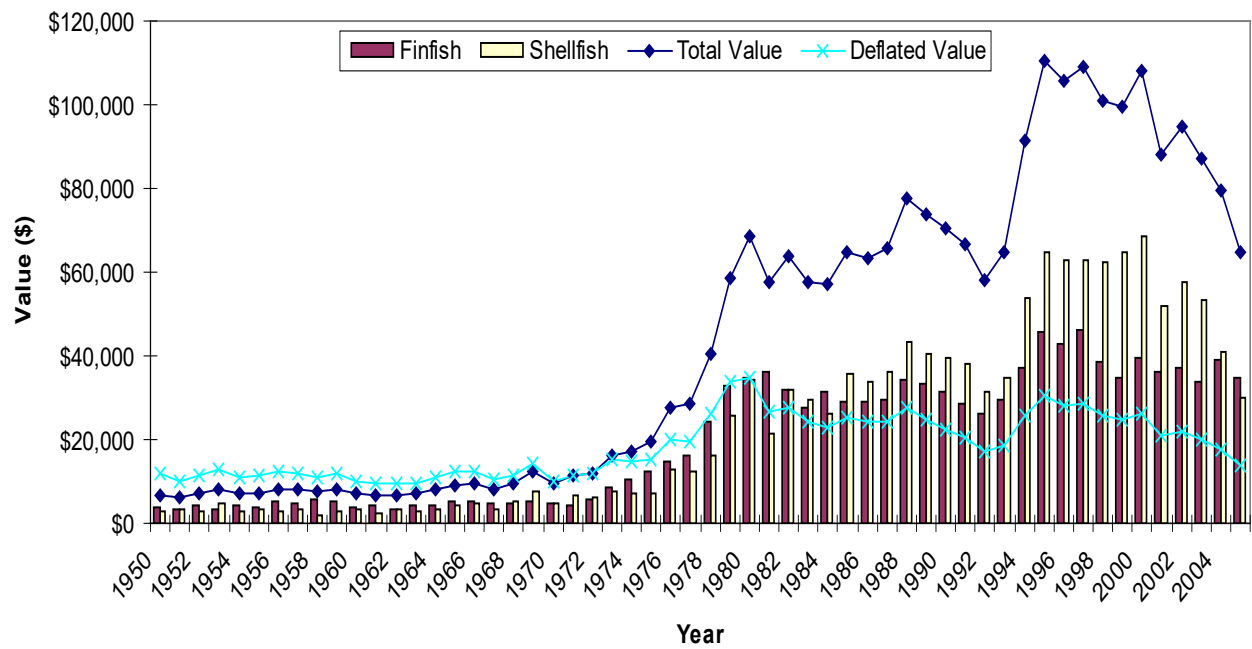


Figure 2. Ex-vessel value of finfish and shellfish from 1950 to 2005.

Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005.

	2005		2004		2003	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	103,376	\$60,151	88,963	\$48,147	114,492	\$69,498
Blue Crabs, Hard	23,554,876	\$15,351,439	32,591,115	\$20,247,635	41,644,612	\$32,904,677
Blue Crabs, Peeler	1,166,270	\$1,902,625	982,874	\$1,678,928	693,294	\$1,815,304
Blue Crabs, Soft	692,397	\$2,996,565	554,966	\$2,538,582	431,886	\$2,388,081
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	2,827,222	\$787,627	3,762,944	\$849,302	3,470,100	\$767,566
Catfishes	401,516	\$91,165	414,597	\$100,486	385,878	\$99,693
Clams, Hard	412,995	\$2,777,957	549,504	\$3,402,373	535,648	\$3,357,128
Croaker, Atlantic	11,490,704	\$3,278,759	11,992,803	\$3,527,941	14,429,197	\$2,923,946
Dolphinfish	141,365	\$261,999	255,805	\$452,590	186,262	\$329,370
Drum, Red	128,770	\$173,040	54,086	\$69,753	90,525	\$105,671
Eel, American	49,278	\$106,769	128,875	\$270,986	172,065	\$267,300
Finfish, Other	735,915	\$365,355	873,089	\$425,238	789,392	\$394,569
Flounder, Southern	1,870,044	\$3,453,449	2,453,403	\$3,878,262	2,198,503	\$3,661,597
Flounder, Summer	4,064,464	\$7,500,273	4,844,126	\$7,619,934	3,572,448	\$6,009,296
Goosefish	90,033	\$85,993	386,821	\$372,198	335,349	\$314,356
Groupers	579,231	\$1,474,038	584,722	\$1,391,180	651,976	\$1,535,736
Herring, River	250,021	\$128,834	188,541	\$80,694	199,716	\$88,862
Herring, Thread	7,489	\$3,195	0	\$0	4	\$0
Hog Snapper	8,445	\$19,433	9,372	\$19,804	9,601	\$20,246
Kingfishes	296,243	\$271,713	566,659	\$491,584	652,636	\$644,920
Mackerel, King	1,246,092	\$2,053,711	955,010	\$1,572,624	764,833	\$1,214,208
Mackerel, Spanish	444,975	\$585,525	456,238	\$526,011	456,782	\$418,063
Menhaden, Atlantic	13,308,895	\$1,215,339	50,577,983	\$4,532,534	48,936,502	\$3,943,814
Mullet, Striped	1,620,034	\$801,038	1,593,900	\$720,086	1,629,314	\$779,570
Oysters	378,221	\$1,683,564	367,766	\$1,551,045	260,966	\$1,017,588
Perch, White	177,734	\$108,616	217,898	\$122,582	498,133	\$292,690
Perch, Yellow	23,254	\$28,488	39,785	\$37,976	98,783	\$98,534
Porgies	38,423	\$41,619	37,268	\$42,253	40,626	\$45,088
Scallop, Bay	0	\$0	0	\$0	14,194	\$48,628
Scup	352,422	\$156,920	523,554	\$332,019	143,004	\$75,453
Sea Basses	690,201	\$1,332,261	881,358	\$1,486,297	850,550	\$1,416,659
Seatrout, Spotted	129,595	\$173,526	130,961	\$172,033	181,462	\$243,394
Shad, American	191,261	\$205,300	269,063	\$179,486	395,251	\$251,532
Shad, Gizzard	82,963	\$4,148	96,060	\$2,409	152,010	\$16,542
Shad, Hickory	173,779	\$39,673	187,463	\$32,329	68,928	\$18,540
Sharks	1,188,219	\$621,919	1,079,861	\$583,711	1,274,163	\$665,634
Sharks, Dogfishes	664,515	\$186,694	1,146,251	\$185,934	373,078	\$110,487
Shellfish, Other	1,615,658	\$848,712	2,803,193	\$1,962,920	1,006,001	\$917,679
Shrimp, Brown	1,520,123	\$2,553,400	2,749,009	\$5,301,307	4,828,513	\$8,210,280
Shrimp, Pink	43,489	\$99,351	143,954	\$308,718	219,010	\$459,906
Shrimp, Unclassified	10,830	\$28,346	64,393	\$157,620	19,720	\$48,559
Shrimp, White	780,169	\$1,722,220	1,923,460	\$3,695,206	1,100,128	\$2,211,871
Snappers	432,829	\$1,116,056	339,453	\$873,299	269,230	\$687,027
Spadefish	35,445	\$9,059	44,521	\$10,284	28,519	\$3,775
Spot	1,713,847	\$904,678	2,317,169	\$1,068,031	2,043,387	\$910,301
Striped Bass	849,904	\$1,645,053	911,473	\$1,160,631	565,919	\$717,981
Swordfish	645,434	\$1,616,435	604,095	\$1,508,281	630,874	\$1,799,063
Tilefishes	44,212	\$52,827	78,126	\$134,695	87,102	\$96,556
Triggerfish	145,639	\$162,533	136,211	\$147,096	117,396	\$123,681
Tunas	1,328,179	\$3,419,657	1,436,789	\$3,331,817	941,051	\$2,007,154
Wahoo	14,980	\$32,814	22,006	\$50,026	17,222	\$42,380
Weakfish	421,469	\$356,783	685,408	\$488,860	848,822	\$532,904

Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).

	2002		2001		2000	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	104,656	\$57,256	106,660	\$54,624	114,525	\$74,791
Blue Crabs, Hard	36,462,066	\$29,349,344	29,939,314	\$25,079,142	38,890,013	\$32,154,856
Blue Crabs, Peeler	718,897	\$1,465,913	1,319,202	\$3,081,350	998,971	\$1,946,369
Blue Crabs, Soft	555,532	\$2,333,268	921,693	\$4,070,990	750,140	\$3,336,990
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	2,323,964	\$776,570	4,066,000	\$1,091,020	3,368,610	\$1,104,129
Catfishes	367,424	\$95,194	564,183	\$153,609	879,447	\$268,895
Clams, Hard	619,894	\$3,506,293	763,573	\$5,007,241	676,048	\$4,681,053
Croaker, Atlantic	10,189,153	\$3,233,402	12,017,424	\$3,080,205	10,122,625	\$2,986,815
Dolphinfish	168,429	\$243,510	160,546	\$220,795	197,259	\$306,688
Drum, Red	81,364	\$89,192	149,616	\$170,548	270,953	\$294,871
Eel, American	59,940	\$83,517	107,070	\$122,416	127,099	\$176,576
Finfish, Other	1,254,950	\$539,745	1,026,218	\$547,930	1,305,998	\$598,785
Flounder, Southern	3,434,069	\$5,159,429	3,522,136	\$5,679,542	3,205,792	\$5,660,767
Flounder, Summer	4,129,119	\$6,106,076	2,784,741	\$4,451,356	3,386,578	\$5,991,402
Goosefish	278,608	\$232,940	208,413	\$232,017	745,164	\$966,739
Groupers	699,614	\$1,584,626	558,634	\$1,255,403	636,962	\$1,420,442
Herring, River	174,860	\$65,723	306,761	\$118,546	332,336	\$126,685
Herring, Thread	2,889,710	\$231,177	0	\$0	707,541	\$42,452
Hog Snapper	10,674	\$20,381	8,203	\$15,666	7,727	\$14,852
Kingfishes	619,737	\$603,854	489,743	\$501,999	551,940	\$520,965
Mackerel, King	778,428	\$1,177,217	837,073	\$1,350,582	1,049,464	\$1,662,282
Mackerel, Spanish	698,448	\$617,860	653,473	\$524,111	659,410	\$499,434
Menhaden, Atlantic	69,190,596	\$5,045,407	56,012,396	\$4,551,445	56,280,112	\$3,495,744
Mullet, Striped	2,596,076	\$1,251,583	2,317,655	\$1,181,912	2,829,086	\$1,602,702
Oysters	243,775	\$991,004	258,086	\$1,068,352	203,427	\$804,212
Perch, White	280,860	\$161,260	244,817	\$159,075	202,192	\$139,704
Perch, Yellow	78,828	\$76,482	90,527	\$87,596	94,085	\$98,297
Porgies	64,219	\$62,411	56,415	\$62,303	23,727	\$24,753
Scallop, Bay	19,219	\$68,365	2,517	\$10,423	21,029	\$78,554
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	592,260	\$878,251	644,510	\$1,062,706	567,368	\$973,024
Seatrout, Spotted	175,521	\$213,625	105,714	\$134,848	376,574	\$467,122
Shad, American	274,657	\$174,142	151,075	\$94,373	297,990	\$213,010
Shad, Gizzard	227,459	\$9,298	245,261	\$12,263	287,453	\$20,122
Shad, Hickory	51,158	\$8,286	172,236	\$52,166	92,564	\$14,502
Sharks	1,707,186	\$869,823	1,139,068	\$520,162	1,460,709	\$548,830
Sharks, Dogfishes	341,722	\$101,358	510,756	\$125,925	3,885,225	\$678,309
Shellfish, Other	648,238	\$1,402,444	661,037	\$1,828,824	286,239	\$314,996
Shrimp, Brown	6,029,219	\$10,905,493	3,923,540	\$8,830,577	6,489,495	\$16,000,250
Shrimp, Pink	879,894	\$1,503,822	211,858	\$449,929	161,422	\$383,245
Shrimp, Unclassified	545,562	\$1,061,263	255,580	\$653,514	469,137	\$956,056
Shrimp, White	2,514,342	\$4,894,187	863,153	\$1,976,927	3,214,862	\$8,066,365
Snappers	490,591	\$1,186,998	523,742	\$1,219,289	510,897	\$1,281,042
Spadefish	38,400	\$7,757	41,994	\$11,579	46,235	\$12,888
Spot	2,184,003	\$931,515	3,093,872	\$1,278,327	2,829,788	\$1,172,220
Striped Bass	701,459	\$855,457	626,595	\$773,755	407,505	\$471,916
Swordfish	480,948	\$935,892	596,178	\$1,313,372	414,801	\$937,555
Tilefishes	220,331	\$221,262	106,674	\$99,198	85,467	\$98,130
Triggerfish	90,934	\$84,599	87,628	\$82,532	88,277	\$84,106
Tunas	1,015,421	\$2,169,542	1,729,572	\$2,599,881	1,727,787	\$3,414,429
Wahoo	19,952	\$38,298	20,503	\$41,714	19,905	\$46,475
Weakfish	1,828,009	\$1,051,046	1,960,324	\$1,037,169	1,869,042	\$1,089,958

Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).

	1999		1998		1997	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	114,809	\$65,287	100,309	\$59,337	176,981	\$106,199
Blue Crabs, Hard	56,093,351	\$33,525,676	60,402,332	\$40,466,879	54,353,545	\$33,165,872
Blue Crabs, Peeler	942,150	\$2,111,690	976,097	\$1,932,820	1,022,668	\$1,768,855
Blue Crabs, Soft	510,435	\$2,174,429	697,741	\$2,559,941	713,896	\$2,751,311
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	2,761,084	\$877,734	2,925,929	\$763,583	4,003,160	\$1,166,023
Catfishes	731,283	\$206,169	910,154	\$230,009	1,031,144	\$282,601
Clams, Hard	576,970	\$3,774,453	689,510	\$4,559,846	704,756	\$4,943,382
Croaker, Atlantic	10,185,507	\$3,119,798	10,865,897	\$3,449,817	10,711,667	\$4,116,446
Dolphinfish	209,488	\$343,808	149,990	\$238,611	229,791	\$347,270
Drum, Red	372,942	\$398,282	294,366	\$288,397	52,502	\$56,939
Eel, American	99,939	\$134,085	91,084	\$231,505	128,668	\$327,032
Finfish, Other	1,603,385	\$466,774	1,462,844	\$490,560	2,382,860	\$809,868
Flounder, Southern	2,932,076	\$5,133,258	3,952,729	\$7,118,989	4,076,793	\$7,981,377
Flounder, Summer	2,870,310	\$5,013,739	2,983,107	\$5,418,829	1,501,171	\$2,828,186
Goosefish	599,538	\$654,846	686,715	\$478,014	704,036	\$446,669
Groupers	758,084	\$1,629,824	745,605	\$1,647,860	719,582	\$1,548,033
Herring, River	443,494	\$180,874	521,930	\$202,437	334,809	\$128,988
Herring, Thread	9	\$1	6,586,500	\$559,853	13,278,060	\$1,195,025
Hog Snapper	12,405	\$21,712	12,037	\$22,166	14,010	\$26,297
Kingfishes	607,465	\$621,078	399,313	\$414,315	872,888	\$864,030
Mackerel, King	1,082,693	\$1,695,944	1,143,342	\$1,749,357	1,558,528	\$2,375,205
Mackerel, Spanish	459,100	\$265,834	372,415	\$261,973	766,873	\$474,839
Menhaden, Atlantic	42,799,080	\$2,680,633	57,976,455	\$4,121,667	97,727,057	\$8,794,202
Mullet, Striped	1,460,850	\$838,924	2,218,108	\$1,061,430	2,442,657	\$1,777,617
Oysters	217,048	\$923,721	224,836	\$928,125	229,259	\$930,741
Perch, White	353,246	\$263,296	142,672	\$116,945	123,040	\$97,913
Perch, Yellow	113,545	\$102,646	79,313	\$70,303	76,740	\$66,146
Porgies	77,137	\$92,189	183,885	\$240,149	188,885	\$239,501
Scallop, Bay	29,651	\$102,998	102,644	\$288,911	54,606	\$183,172
Scup	0	\$0	14,885	\$8,140	1,365	\$761
Sea Basses	613,577	\$1,078,908	743,243	\$1,099,982	766,836	\$1,124,020
Seatrout, Spotted	546,675	\$670,460	307,671	\$380,724	232,497	\$283,425
Shad, American	131,611	\$108,139	327,556	\$233,761	219,526	\$149,203
Shad, Gizzard	205,654	\$13,097	230,094	\$18,746	253,667	\$16,657
Shad, Hickory	112,140	\$20,769	93,504	\$18,312	138,228	\$17,405
Sharks	1,666,757	\$704,705	1,167,248	\$409,571	1,488,170	\$512,449
Sharks, Dogfishes	4,224,142	\$619,896	5,451,610	\$744,243	8,135,423	\$1,083,286
Shellfish, Other	274,940	\$199,997	1,095,343	\$812,460	998,881	\$851,722
Shrimp, Brown	1,672,959	\$4,323,442	0	\$0	0	\$0
Shrimp, Pink	10,060	\$11,294	0	\$0	0	\$0
Shrimp, Unclassified	3,661,887	\$7,590,023	4,635,189	\$10,855,296	6,988,243	\$18,204,266
Shrimp, White	3,659,302	\$9,812,191	0	\$0	0	\$0
Snappers	441,783	\$1,067,328	352,021	\$851,510	366,491	\$873,007
Spadefish	34,320	\$9,536	38,994	\$13,369	57,384	\$13,321
Spot	2,262,175	\$1,001,980	2,396,979	\$1,001,659	2,627,921	\$1,155,341
Striped Bass	588,311	\$724,844	422,869	\$520,039	587,786	\$711,091
Swordfish	611,029	\$1,044,237	265,064	\$666,673	176,266	\$458,988
Tilefishes	76,697	\$67,734	67,770	\$89,593	149,402	\$177,223
Triggerfish	150,387	\$110,496	274,641	\$201,113	342,134	\$257,514
Tunas	1,126,551	\$1,257,270	1,064,415	\$1,376,822	1,277,938	\$1,490,572
Wahoo	28,963	\$58,314	22,600	\$47,861	20,628	\$45,190
Weakfish	2,617,580	\$1,390,987	3,354,008	\$1,698,336	3,561,060	\$1,869,620

Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).

	1996		1995		1994	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	139,665	\$63,929	169,964	\$85,350	151,253	\$74,367
Blue Crabs, Hard	65,682,500	\$39,873,553	45,033,543	\$33,053,805	52,260,168	\$26,896,282
Blue Crabs, Peeler	878,382	\$1,280,991	724,442	\$1,052,607	642,238	\$771,697
Blue Crabs, Soft	519,316	\$1,887,882	685,555	\$2,132,875	610,737	\$1,932,036
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	3,298,571	\$861,528	3,010,640	\$1,078,889	1,782,345	\$542,228
Catfishes	802,420	\$238,016	877,715	\$230,200	1,276,348	\$284,723
Clams, Hard	639,987	\$4,511,909	889,316	\$5,801,598	692,287	\$3,589,772
Croaker, Atlantic	9,961,822	\$3,642,597	6,021,284	\$2,002,297	4,615,754	\$1,451,056
Dolphinfish	128,586	\$215,423	354,188	\$573,863	160,742	\$243,740
Drum, Red	113,338	\$112,881	248,122	\$223,310	142,119	\$102,326
Eel, American	141,592	\$247,786	173,698	\$366,503	95,991	\$175,664
Finfish, Other	2,487,831	\$770,606	2,641,325	\$855,117	2,654,844	\$602,456
Flounder, Southern	3,807,001	\$7,235,808	4,166,013	\$7,609,641	4,897,384	\$8,076,726
Flounder, Summer	4,227,052	\$6,784,624	4,583,116	\$8,192,090	3,573,774	\$5,820,762
Goosefish	535,092	\$432,712	535,887	\$421,834	336,759	\$204,536
Groupers	651,140	\$1,350,887	773,503	\$1,530,005	775,629	\$1,570,274
Herring, River	529,503	\$132,389	453,984	\$134,934	644,309	\$100,996
Herring, Thread	6,271,870	\$439,031	6,391,228	\$447,386	7,252,459	\$362,804
Hog Snapper	13,841	\$23,864	33,507	\$55,964	19,133	\$33,393
Kingfishes	528,260	\$470,545	1,058,785	\$746,603	620,841	\$424,307
Mackerel, King	793,859	\$1,272,405	1,013,429	\$1,589,862	849,962	\$1,267,131
Mackerel, Spanish	401,526	\$204,279	402,176	\$215,983	531,335	\$246,989
Menhaden, Atlantic	53,850,943	\$4,858,471	58,374,081	\$3,560,953	73,853,901	\$3,178,605
Mullet, Striped	1,756,863	\$1,091,892	2,298,446	\$1,944,319	1,726,242	\$1,058,691
Oysters	219,411	\$825,012	232,498	\$858,790	197,958	\$681,728
Perch, White	172,879	\$124,218	111,366	\$75,348	213,337	\$166,773
Perch, Yellow	53,828	\$42,360	61,872	\$40,837	67,974	\$55,059
Porgies	237,310	\$265,183	249,059	\$263,533	250,377	\$256,417
Scallop, Bay	27,388	\$105,716	173,341	\$343,921	63,954	\$120,054
Scup	58,843	\$19,818	24,032	\$9,859	306,048	\$114,726
Sea Basses	778,439	\$998,831	493,702	\$597,057	706,111	\$772,545
Seatrout, Spotted	226,580	\$252,404	574,290	\$634,054	412,358	\$492,461
Shad, American	199,138	\$171,629	205,867	\$188,541	110,975	\$95,703
Shad, Gizzard	410,963	\$26,546	317,540	\$19,052	229,310	\$11,466
Shad, Hickory	187,887	\$40,326	67,569	\$19,301	57,543	\$17,263
Sharks	1,871,341	\$771,669	2,727,970	\$1,147,201	3,147,453	\$1,491,592
Sharks, Dogfishes	13,673,782	\$2,228,926	9,357,380	\$1,553,046	9,877,661	\$1,013,669
Shellfish, Other	541,938	\$1,037,805	919,112	\$1,363,816	769,254	\$1,015,790
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,261,137	\$13,363,828	8,668,632	\$20,317,583	7,284,793	\$18,992,486
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	350,980	\$766,069	403,965	\$931,921	450,221	\$1,012,178
Spadefish	55,890	\$13,497	40,873	\$8,175	23,347	\$3,969
Spot	2,290,000	\$866,053	3,006,845	\$932,122	2,937,311	\$980,536
Striped Bass	181,566	\$220,903	446,789	\$606,529	261,896	\$353,559
Swordfish	194,750	\$483,842	171,299	\$517,858	96,677	\$292,410
Tilefishes	158,586	\$229,734	160,860	\$228,295	231,584	\$335,292
Triggerfish	277,741	\$210,942	304,540	\$216,211	271,503	\$187,337
Tunas	1,526,784	\$2,268,042	2,148,910	\$3,555,023	1,263,343	\$1,894,566
Wahoo	26,675	\$53,364	40,731	\$84,675	20,319	\$41,718
Weakfish	3,977,630	\$2,304,414	4,113,257	\$2,165,274	3,489,929	\$1,917,948

Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).

	1993		1992		1991	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	129,011	\$52,669	107,328	\$38,487	124,820	\$41,609
Blue Crabs, Hard	42,867,109	\$14,262,152	40,507,415	\$12,836,836	41,074,063	\$9,154,358
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	805,623	\$1,515,569	560,959	\$996,904	755,613	\$1,389,140
Bluefish	2,705,278	\$661,515	2,839,057	\$550,619	3,919,786	\$643,997
Catfishes	1,364,430	\$276,573	1,466,594	\$283,419	1,351,189	\$272,081
Clams, Hard	741,248	\$3,922,932	722,235	\$3,853,005	984,410	\$5,235,182
Croaker, Atlantic	3,267,652	\$990,961	2,796,612	\$1,010,646	3,436,960	\$1,518,888
Dolphinfish	149,043	\$195,528	72,119	\$89,179	140,837	\$146,823
Drum, Red	238,099	\$203,955	128,497	\$86,859	96,045	\$56,989
Eel, American	32,711	\$61,081	17,739	\$32,388	12,082	\$2,903
Finfish, Other	2,416,216	\$651,639	2,919,029	\$622,644	5,287,058	\$1,041,677
Flounder, Southern	4,272,368	\$5,596,669	3,145,020	\$4,026,402	4,163,374	\$4,978,710
Flounder, Summer	3,120,901	\$3,872,667	2,613,003	\$3,505,193	3,630,629	\$4,456,810
Goosefish	80,881	\$52,147	36,656	\$25,270	143,589	\$106,102
Groupers	724,852	\$1,368,289	761,909	\$1,365,580	609,457	\$1,009,002
Herring, River	916,235	\$67,494	1,723,178	\$172,453	1,575,378	\$118,272
Herring, Thread	6,558,702	\$239,326	3,955,739	\$136,286	3,796,220	\$119,472
Hog Snapper	21,404	\$27,540	24,186	\$29,528	19,426	\$23,621
Kingfishes	1,194,224	\$701,314	851,708	\$464,525	864,651	\$439,283
Mackerel, King	887,810	\$1,358,915	1,034,694	\$1,552,953	1,102,862	\$1,263,235
Mackerel, Spanish	589,868	\$252,157	738,362	\$302,887	858,808	\$309,143
Menhaden, Atlantic	64,711,384	\$1,954,299	57,515,712	\$1,744,030	110,528,754	\$3,002,829
Mullet, Striped	3,063,853	\$1,942,472	1,820,494	\$1,171,094	1,467,448	\$823,424
Oysters	223,993	\$843,617	293,956	\$1,172,397	319,040	\$1,229,293
Perch, White	180,294	\$145,507	165,141	\$156,533	119,445	\$99,365
Perch, Yellow	48,578	\$37,408	28,929	\$20,029	42,982	\$26,999
Porgies	265,691	\$231,771	338,695	\$287,201	357,046	\$307,472
Scallop, Bay	152,504	\$365,274	21,721	\$54,124	44,545	\$99,661
Scup	88,702	\$43,892	174,397	\$54,005	127,427	\$45,579
Sea Basses	737,950	\$953,000	792,875	\$1,053,519	707,781	\$1,101,723
Seatrout, Spotted	449,886	\$525,840	526,271	\$563,136	660,662	\$545,164
Shad, American	178,790	\$149,739	239,162	\$194,629	276,507	\$201,880
Shad, Gizzard	70,117	\$3,456	11,795	\$700	12,048	\$836
Shad, Hickory	75,375	\$25,023	18,603	\$4,919	16,466	\$10,425
Sharks	2,321,177	\$639,797	1,272,213	\$272,749	609,873	\$191,732
Sharks, Dogfishes	8,806,064	\$735,603	8,634,923	\$691,163	1,463,221	\$122,862
Shellfish, Other	768,881	\$443,196	737,769	\$1,893,036	1,081,199	\$2,452,365
Shrimp, Brown	3,672,780	\$7,267,558	2,639,281	\$5,755,336	6,772,054	\$11,822,329
Shrimp, Pink	1,382,650	\$2,367,160	1,983,357	\$3,267,003	2,547,992	\$4,114,150
Shrimp, Unclassified	2,154	\$4,611	0	\$0	0	\$0
Shrimp, White	1,721,178	\$3,951,131	873,173	\$1,836,774	1,410,995	\$2,642,426
Snappers	435,277	\$967,485	335,167	\$759,267	594,111	\$1,162,881
Spadefish	23,564	\$4,710	19,288	\$3,232	25,096	\$3,543
Spot	2,672,164	\$749,339	2,826,138	\$642,491	3,047,305	\$708,356
Striped Bass	262,447	\$330,351	161,009	\$204,434	122,816	\$175,822
Swordfish	27,144	\$95,941	60,810	\$238,273	48,075	\$169,227
Tilefishes	217,781	\$281,584	360,740	\$441,907	247,084	\$281,754
Triggerfish	190,672	\$144,095	135,190	\$94,100	133,107	\$66,172
Tunas	529,391	\$785,293	544,039	\$959,187	583,545	\$719,899
Wahoo	24,121	\$42,402	14,383	\$23,954	18,620	\$30,155
Weakfish	4,309,249	\$2,241,146	4,862,551	\$2,483,359	5,308,647	\$2,302,086

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1990		1989		1988	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	85,264	\$29,922	63,498	\$19,970	56,983	\$12,487
Blue Crabs, Hard	36,985,206	\$9,156,390	33,935,992	\$8,790,304	35,136,232	\$10,211,661
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	1,085,122	\$2,136,942	788,681	\$1,567,298	468,191	\$921,403
Bluefish	4,578,172	\$738,993	3,291,468	\$587,992	5,039,039	\$683,232
Catfishes	986,429	\$203,026	815,657	\$151,061	1,128,613	\$163,753
Clams, Hard	1,354,842	\$6,584,756	1,294,628	\$8,388,051	939,976	\$6,178,117
Croaker, Atlantic	5,769,512	\$2,959,259	6,824,088	\$3,380,041	8,434,415	\$3,542,549
Dolphinfish	96,207	\$103,362	98,899	\$117,260	56,098	\$67,622
Drum, Red	183,216	\$106,450	274,356	\$173,755	220,271	\$125,289
Eel, American	56,494	\$64,048	152,565	\$254,815	57,369	\$86,532
Finfish, Other	7,736,497	\$1,188,898	6,852,169	\$859,180	10,069,424	\$684,029
Flounder, Southern	2,560,459	\$4,105,161	3,225,955	\$5,267,360	3,314,027	\$3,584,908
Flounder, Summer	2,829,105	\$4,490,873	4,329,403	\$5,707,719	6,951,749	\$7,152,183
Goosefish	135,882	\$76,157	126,091	\$78,026	245,995	\$161,861
Groupers	798,601	\$1,297,590	780,911	\$1,247,069	776,293	\$1,192,529
Herring, River	1,157,625	\$174,259	1,491,077	\$183,842	4,191,211	\$502,166
Herring, Thread	5,574,400	\$171,591	0	\$0	1,238,830	\$47,724
Hog Snapper	24,216	\$29,017	9,581	\$12,200	7,243	\$9,214
Kingfishes	738,612	\$412,824	562,424	\$334,358	503,949	\$223,357
Mackerel, King	1,130,805	\$1,271,936	720,401	\$928,266	886,344	\$1,089,656
Mackerel, Spanish	838,914	\$317,880	589,383	\$214,563	438,222	\$140,815
Menhaden, Atlantic	72,231,989	\$1,820,654	66,756,288	\$1,808,906	73,715,713	\$2,566,832
Mullet, Striped	2,994,604	\$1,861,881	2,062,147	\$1,637,650	3,060,829	\$1,634,408
Oysters	328,850	\$1,160,171	529,858	\$1,575,634	913,100	\$2,162,931
Perch, White	155,544	\$141,835	295,095	\$233,886	587,228	\$264,471
Perch, Yellow	61,795	\$37,076	64,213	\$35,827	33,506	\$12,486
Porgies	582,722	\$545,189	384,519	\$347,173	377,192	\$339,921
Scallop, Bay	62,018	\$127,545	84,474	\$214,136	38,923	\$73,179
Scup	103,124	\$81,892	18,231	\$11,075	125,817	\$60,999
Sea Basses	1,035,697	\$1,366,464	996,352	\$1,174,020	1,229,440	\$1,268,695
Seatrout, Spotted	250,634	\$225,553	451,909	\$435,504	296,538	\$247,852
Shad, American	313,550	\$170,161	323,396	\$214,896	283,050	\$171,962
Shad, Gizzard	18,405	\$987	15,067	\$754	133,926	\$6,693
Shad, Hickory	11,478	\$1,575	18,510	\$4,254	92,922	\$28,919
Sharks	903,459	\$498,589	1,031,532	\$502,049	329,538	\$84,879
Sharks, Dogfishes	41,446	\$3,799	0	\$0	301,768	\$36,208
Shellfish, Other	2,193,659	\$4,298,901	2,312,438	\$4,352,142	3,254,928	\$7,479,993
Shrimp, Brown	5,148,317	\$10,969,703	5,080,971	\$9,105,939	5,315,539	\$11,894,700
Shrimp, Pink	1,504,081	\$2,367,414	3,146,334	\$5,149,390	2,711,655	\$4,386,117
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	1,149,207	\$2,501,476	695,502	\$1,364,976	83,583	\$205,225
Snappers	626,857	\$1,239,569	587,532	\$1,226,085	489,529	\$969,503
Spadefish	16,456	\$2,386	22,953	\$2,871	19,801	\$2,115
Spot	3,455,460	\$801,181	3,254,473	\$787,150	3,080,258	\$682,260
Striped Bass	113,939	\$159,630	100,830	\$101,002	115,915	\$116,776
Swordfish	112,465	\$312,514	64,434	\$277,606	36,972	\$135,437
Tilefishes	165,744	\$187,830	115,083	\$164,178	131,165	\$162,504
Triggerfish	82,039	\$49,375	40,372	\$25,025	51,340	\$27,008
Tunas	804,938	\$886,550	392,071	\$575,021	610,866	\$705,020
Wahoo	16,653	\$26,050	9,921	\$15,929	19,783	\$28,099
Weakfish	5,802,159	\$3,227,006	10,115,747	\$4,351,399	15,091,878	\$5,220,475

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1987		1986		1985	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	33,683	\$6,551	40,676	\$7,170	11,403	\$2,295
Blue Crabs, Hard	31,760,413	\$7,345,210	23,159,779	\$5,429,534	29,329,547	\$6,089,982
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	663,191	\$2,263,437	595,468	\$684,822	326,978	\$350,373
Bluefish	4,561,101	\$818,046	3,450,230	\$477,273	3,604,445	\$576,234
Catfishes	1,234,525	\$199,981	1,198,213	\$190,483	1,297,728	\$261,774
Clams, Hard	1,207,400	\$7,822,801	1,356,316	\$7,522,393	1,393,294	\$5,653,779
Croaker, Atlantic	7,289,191	\$2,956,025	9,424,828	\$3,088,174	8,714,432	\$2,946,914
Dolphinfish	70,516	\$83,873	35,923	\$40,438	42,348	\$44,805
Drum, Red	249,657	\$148,205	249,076	\$106,808	152,676	\$50,384
Eel, American	127,964	\$220,626	338,377	\$355,747	224,263	\$165,834
Finfish, Other	7,910,177	\$668,534	9,305,140	\$826,050	9,649,352	\$679,039
Flounder, Southern	2,621,651	\$3,238,358	2,613,970	\$2,650,535	1,960,200	\$1,661,321
Flounder, Summer	5,362,322	\$6,251,598	6,231,310	\$6,700,683	8,968,385	\$7,877,020
Goosefish	123,714	\$94,901	183,126	\$100,670	340,988	\$127,968
Groupers	792,144	\$1,182,559	770,518	\$1,142,190	724,579	\$958,716
Herring, River	3,194,975	\$368,062	6,814,323	\$647,293	11,548,278	\$845,906
Herring, Thread	922,670	\$26,017	134,890	\$2,313	3,364,773	\$110,048
Hog Snapper	5,350	\$7,264	5,052	\$5,732	4,683	\$5,729
Kingfishes	959,928	\$426,366	993,390	\$391,492	632,440	\$241,653
Mackerel, King	1,348,502	\$1,279,793	1,006,128	\$929,705	833,357	\$896,959
Mackerel, Spanish	504,063	\$145,141	232,197	\$81,184	173,186	\$67,127
Menhaden, Atlantic	55,498,571	\$1,624,511	66,377,931	\$1,590,955	97,738,403	\$2,330,061
Mullet, Striped	2,590,360	\$654,536	1,932,190	\$425,586	1,486,583	\$310,804
Oysters	1,425,584	\$2,875,406	745,548	\$1,452,056	545,439	\$1,037,153
Perch, White	791,764	\$427,934	672,153	\$325,532	701,278	\$376,791
Perch, Yellow	42,929	\$15,067	26,047	\$7,754	49,383	\$13,214
Porgies	313,705	\$290,173	459,509	\$426,969	1,030,442	\$733,396
Scallop, Bay	154,568	\$500,068	306,176	\$837,722	455,649	\$1,072,296
Scup	252,731	\$189,273	367,019	\$172,936	351	\$134
Sea Basses	535,814	\$540,320	1,097,887	\$975,210	1,218,762	\$1,002,066
Seatrout, Spotted	315,380	\$261,455	191,514	\$146,254	109,048	\$93,076
Shad, American	327,646	\$215,115	373,794	\$228,819	329,639	\$152,547
Shad, Gizzard	315,916	\$15,370	555,493	\$26,239	160,147	\$5,034
Shad, Hickory	45,341	\$10,204	20,822	\$3,899	42,121	\$8,898
Sharks	264,301	\$68,401	131,534	\$31,992	123,666	\$30,294
Sharks, Dogfishes	0	\$0	0	\$0	1,029	\$489
Shellfish, Other	2,743,368	\$7,045,964	2,184,348	\$4,216,993	815,024	\$277,929
Shrimp, Brown	1,104,847	\$2,542,505	4,118,661	\$10,085,043	10,377,162	\$18,845,277
Shrimp, Pink	3,018,230	\$4,985,217	1,904,050	\$3,532,093	1,254,851	\$2,189,280
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	290,001	\$627,826	112,063	\$286,863	44,666	\$90,365
Snappers	402,695	\$804,920	568,621	\$1,121,119	511,347	\$963,869
Spadefish	21,530	\$2,532	19,293	\$2,183	49,149	\$5,144
Spot	2,806,041	\$648,742	3,354,191	\$772,495	4,043,843	\$874,490
Striped Bass	262,221	\$262,542	188,992	\$189,859	279,940	\$229,586
Swordfish	34,964	\$129,619	94,005	\$324,097	77,729	\$224,722
Tilefishes	84,706	\$72,181	87,111	\$104,609	81,185	\$65,846
Triggerfish	49,831	\$19,817	39,794	\$12,018	29,831	\$8,597
Tunas	789,549	\$878,355	498,563	\$347,058	185,162	\$135,418
Wahoo	15,827	\$22,721	6,014	\$7,742	9,426	\$9,175
Weakfish	11,882,362	\$4,423,164	14,309,372	\$4,196,065	9,825,498	\$3,893,055

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1984		1983		1982	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	3,477	\$791	6,364	\$1,036	5,018	\$1,010
Blue Crabs, Hard	32,490,769	\$6,664,731	34,689,455	\$8,444,863	38,206,327	\$7,184,748
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	199,771	\$276,302	87,570	\$188,223	148,364	\$296,838
Bluefish	3,559,997	\$557,672	6,746,956	\$794,848	4,290,809	\$1,045,693
Catfishes	1,394,307	\$253,331	1,177,170	\$210,477	1,342,456	\$247,791
Clams, Hard	1,387,864	\$5,506,233	1,341,620	\$5,401,824	1,701,793	\$6,606,132
Croaker, Atlantic	9,170,775	\$3,027,261	7,249,680	\$2,842,139	10,824,953	\$4,031,186
Dolphinfish	47,144	\$41,162	30,393	\$23,985	41,448	\$32,471
Drum, Red	283,020	\$82,458	219,871	\$51,958	52,561	\$12,273
Eel, American	706,298	\$483,051	404,157	\$270,670	475,524	\$291,352
Finfish, Other	11,763,851	\$782,355	10,095,768	\$537,481	10,367,796	\$795,192
Flounder, Southern	2,294,059	\$1,689,008	2,533,417	\$1,586,072	1,940,195	\$1,393,349
Flounder, Summer	12,792,430	\$7,349,308	7,279,379	\$4,098,101	6,499,785	\$4,278,486
Goosefish	195,428	\$69,479	64,522	\$23,540	140,118	\$57,590
Groupers	910,907	\$1,075,403	949,537	\$798,338	914,496	\$739,446
Herring, River	6,516,109	\$596,428	5,868,332	\$464,389	9,437,703	\$704,599
Herring, Thread	3,358,710	\$104,118	3,014,330	\$116,695	84,420	\$2,430
Hog Snapper	2,219	\$2,107	1,743	\$1,569	1,229	\$1,116
Kingfishes	464,351	\$174,597	441,881	\$155,857	361,052	\$123,817
Mackerel, King	757,598	\$658,613	843,336	\$608,183	1,207,108	\$1,157,301
Mackerel, Spanish	127,467	\$42,043	41,336	\$15,221	189,217	\$61,268
Menhaden, Atlantic	157,667,480	\$4,745,831	177,973,440	\$6,167,878	187,015,090	\$5,773,042
Mullet, Striped	1,688,522	\$323,123	1,068,014	\$206,253	1,492,179	\$283,196
Oysters	724,557	\$1,207,277	724,509	\$1,124,147	611,998	\$908,676
Perch, White	440,774	\$189,347	498,694	\$205,319	665,082	\$276,147
Perch, Yellow	19,505	\$4,944	11,000	\$3,733	10,003	\$3,429
Porgies	1,561,644	\$854,968	1,473,107	\$825,378	2,297,459	\$1,334,546
Scallop, Bay	383,625	\$876,122	202,479	\$498,539	136,634	\$352,169
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	990,089	\$740,632	532,500	\$413,660	810,302	\$573,699
Seatrout, Spotted	152,934	\$123,686	165,360	\$125,482	83,847	\$59,896
Shad, American	584,843	\$241,009	445,879	\$187,360	411,852	\$183,483
Shad, Gizzard	120,808	\$6,448	255,966	\$13,494	529,076	\$26,446
Shad, Hickory	59,698	\$13,300	69,966	\$14,841	24,742	\$5,006
Sharks	202,952	\$53,203	136,612	\$28,376	94,580	\$23,674
Sharks, Dogfishes	0	\$0	90	\$23	6,405	\$713
Shellfish, Other	1,100,827	\$1,042,384	486,987	\$450,829	245,968	\$89,376
Shrimp, Brown	3,662,603	\$7,648,310	3,030,727	\$7,612,327	0	\$0
Shrimp, Pink	1,277,111	\$2,549,688	2,633,067	\$4,802,628	0	\$0
Shrimp, Unclassified	0	\$0	0	\$0	7,027,164	\$16,411,472
Shrimp, White	97,035	\$277,667	450,305	\$1,149,151	0	\$0
Snappers	434,042	\$824,785	485,591	\$908,669	598,093	\$1,048,857
Spadefish	15,736	\$1,768	1,370	\$249	4,309	\$604
Spot	3,481,920	\$813,587	2,952,295	\$685,370	4,918,763	\$1,080,090
Striped Bass	512,896	\$452,002	361,275	\$491,491	338,310	\$531,470
Swordfish	132,302	\$419,142	160,740	\$419,324	146,565	\$378,204
Tilefishes	142,675	\$101,305	80,711	\$44,807	57,241	\$25,357
Triggerfish	33,278	\$9,040	33,936	\$9,690	59,386	\$20,190
Tunas	255,142	\$202,445	170,381	\$85,658	95,563	\$49,347
Wahoo	8,716	\$7,640	7,274	\$6,495	2,708	\$1,674
Weakfish	12,990,726	\$4,096,964	10,233,738	\$4,308,345	12,052,232	\$5,319,001

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1981		1980		1979	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	14,737	\$3,490	6,764	\$1,531	3,982	\$608
Blue Crabs, Hard	37,927,573	\$8,172,428	34,322,937	\$5,975,221	26,623,723	\$4,622,539
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	77,748	\$100,860	87,482	\$132,448	80,367	\$129,908
Bluefish	6,610,459	\$1,242,677	5,443,558	\$760,630	3,405,674	\$654,727
Catfishes	1,908,521	\$495,789	1,625,739	\$368,106	1,651,842	\$345,886
Clams, Hard	1,458,196	\$5,386,803	1,541,719	\$5,554,047	1,449,570	\$4,473,737
Croaker, Atlantic	11,205,342	\$3,944,643	21,146,798	\$5,213,755	20,558,193	\$4,345,433
Dolphinfish	5,939	\$4,460	23,887	\$11,886	5,490	\$2,104
Drum, Red	93,420	\$18,817	243,223	\$47,133	126,517	\$21,728
Eel, American	436,007	\$256,433	960,196	\$1,038,575	954,534	\$800,529
Finfish, Other	13,525,926	\$1,126,398	14,398,575	\$673,446	18,670,522	\$973,074
Flounder, Southern	2,212,948	\$1,438,282	2,965,023	\$1,629,142	2,043,142	\$1,037,799
Flounder, Summer	7,563,300	\$4,759,904	13,916,867	\$6,259,110	16,376,919	\$7,800,437
Goosefish	234,539	\$96,500	623,409	\$218,598	356,622	\$66,669
Groupers	882,696	\$824,392	664,354	\$537,458	675,840	\$456,953
Herring, River	4,753,723	\$316,850	6,218,523	\$444,327	5,119,150	\$313,779
Herring, Thread	924,600	\$28,322	5,467,870	\$254,390	18,760	\$439
Hog Snapper	0	\$0	0	\$0	104	\$76
Kingfishes	254,651	\$89,396	342,605	\$110,436	310,503	\$69,580
Mackerel, King	736,073	\$648,544	768,946	\$646,543	381,616	\$274,229
Mackerel, Spanish	51,639	\$22,004	75,306	\$29,898	12,721	\$3,549
Menhaden, Atlantic	309,414,710	\$10,038,759	196,920,370	\$7,139,327	254,329,990	\$8,059,572
Mullet, Striped	1,293,902	\$259,094	2,215,532	\$360,145	1,767,955	\$343,427
Oysters	550,502	\$730,293	723,099	\$987,958	665,439	\$925,964
Perch, White	395,312	\$120,827	104,803	\$26,954	361,032	\$94,557
Perch, Yellow	7,611	\$1,791	4,658	\$883	7,122	\$1,678
Porgies	2,178,151	\$1,172,247	1,751,763	\$865,848	1,695,116	\$671,878
Scallop, Bay	189,441	\$655,725	327,780	\$1,107,072	193,437	\$514,419
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,197,431	\$910,076	1,530,986	\$931,324	1,374,662	\$806,513
Seatrout, Spotted	113,304	\$59,371	171,334	\$75,216	105,034	\$44,977
Shad, American	351,500	\$189,793	199,206	\$88,112	278,070	\$121,662
Shad, Gizzard	270,400	\$5,471	1,312,093	\$39,372	384,146	\$11,527
Shad, Hickory	81,312	\$11,831	91,501	\$12,680	31,716	\$5,163
Sharks	96,434	\$46,810	20,891	\$2,673	13,036	\$1,698
Sharks, Dogfishes	4,506	\$671	2,866	\$463	0	\$0
Shellfish, Other	692,106	\$898,364	1,320,268	\$3,116,016	2,432,885	\$5,229,281
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	2,557,426	\$5,295,209	9,823,490	\$17,184,994	4,941,240	\$9,728,917
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	512,378	\$938,864	422,374	\$727,478	332,062	\$526,627
Spadefish	13,860	\$2,460	295	\$207	1,200	\$252
Spot	3,511,574	\$823,728	7,100,053	\$1,493,437	7,303,405	\$1,430,017
Striped Bass	417,324	\$451,824	472,503	\$435,479	614,184	\$577,004
Swordfish	251,428	\$562,317	316,576	\$455,243	0	\$0
Tilefishes	55,648	\$26,391	24,708	\$8,907	20,241	\$5,180
Triggerfish	40,876	\$11,099	29,573	\$6,830	9,087	\$2,679
Tunas	36,134	\$24,045	116,024	\$24,774	24,945	\$16,430
Wahoo	1,030	\$922	2,327	\$1,515	1,092	\$541
Weakfish	16,893,546	\$5,305,036	20,343,952	\$3,783,923	14,759,197	\$2,940,319

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1978		1977		1976	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	23,558,546	\$4,326,084	12,220,812	\$2,148,346	11,731,946	\$2,405,635
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	46,826	\$89,718	15,974	\$17,000	20,065	\$26,549
Bluefish	1,948,110	\$256,666	2,331,446	\$218,663	1,356,036	\$128,325
Catfishes	1,740,102	\$351,246	2,073,054	\$424,091	1,538,124	\$303,691
Clams, Hard	892,235	\$2,449,054	739,066	\$1,068,880	306,179	\$258,163
Croaker, Atlantic	19,945,471	\$2,735,282	18,994,577	\$2,076,370	15,037,793	\$1,577,235
Dolphinfish	7,644	\$1,963	0	\$0	0	\$0
Drum, Red	21,774	\$2,480	19,637	\$2,673	168,259	\$21,700
Eel, American	695,605	\$472,252	258,296	\$112,227	510,083	\$234,422
Finfish, Other	8,568,825	\$262,296	484,478	\$57,468	665,877	\$73,680
Flounder, Southern	1,407,847	\$796,438	704,212	\$318,829	1,706,267	\$622,423
Flounder, Summer	10,903,165	\$5,510,225	10,432,882	\$4,679,311	9,745,926	\$3,431,147
Goosefish	102,286	\$22,338	1,607	\$81	0	\$0
Groupers	597,494	\$323,223	29,378	\$15,753	11,833	\$6,575
Herring, River	6,607,153	\$286,705	8,523,813	\$421,603	6,401,360	\$336,750
Herring, Thread	1,670,310	\$68,891	4,891,000	\$180,164	11,006,760	\$478,308
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	153,954	\$29,534	204,603	\$33,926	123,896	\$20,173
Mackerel, King	171,877	\$107,687	244,771	\$125,978	156,405	\$108,822
Mackerel, Spanish	39,851	\$8,126	46,223	\$7,072	30,585	\$4,514
Menhaden, Atlantic	192,324,170	\$7,498,037	158,119,330	\$4,369,012	134,902,490	\$4,534,354
Mullet, Striped	1,752,233	\$230,787	1,834,935	\$193,291	2,071,741	\$208,208
Oysters	449,544	\$547,783	365,714	\$353,581	333,315	\$292,058
Perch, White	498,493	\$126,595	268,489	\$38,106	183,625	\$29,596
Perch, Yellow	29,894	\$6,862	36,819	\$5,579	11,248	\$1,784
Porgies	1,212,182	\$433,808	136,392	\$48,677	215,574	\$71,484
Scallop, Bay	218,548	\$389,161	412,476	\$711,311	248,468	\$194,457
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,149,444	\$533,903	1,464,668	\$629,009	573,338	\$292,174
Seatrout, Spotted	97,304	\$37,356	323,408	\$106,695	637,326	\$219,007
Shad, American	402,017	\$144,986	121,022	\$54,764	167,190	\$65,227
Shad, Gizzard	49,168	\$1,058	219,789	\$2,200	343,682	\$7,397
Shad, Hickory	20,507	\$3,790	22,109	\$1,755	18,716	\$1,797
Sharks	10,031	\$2,103	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	2,185,594	\$4,534,435	530,788	\$757,009	1,170,561	\$1,447,762
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	2,960,762	\$3,883,836	5,600,329	\$7,239,080	6,642,713	\$8,171,394
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	174,742	\$230,361	27,465	\$33,171	5,229	\$4,305
Spadefish	152	\$27	3,036	\$158	7,488	\$424
Spot	4,878,437	\$627,225	3,805,126	\$468,675	2,674,161	\$348,153
Striped Bass	697,864	\$623,250	571,651	\$405,263	1,038,154	\$522,637
Swordfish	439,306	\$668,688	0	\$0	0	\$0
Tilefishes	50,487	\$13,236	0	\$0	0	\$0
Triggerfish	3,446	\$644	0	\$0	0	\$0
Tunas	6,275	\$1,952	0	\$0	1,300	\$260
Wahoo	2,359	\$849	0	\$0	0	\$0
Weakfish	10,849,313	\$1,967,925	8,671,210	\$1,048,664	8,713,522	\$958,694

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1975		1974		1973	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	11,072,059	\$1,454,456	13,163,411	\$1,373,499	11,963,252	\$1,536,873
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	20,234	\$16,996	33,439	\$23,130	45,280	\$27,762
Bluefish	1,975,169	\$165,658	2,182,973	\$186,574	2,008,046	\$152,320
Catfishes	1,686,647	\$279,711	1,793,904	\$288,240	1,957,475	\$286,525
Clams, Hard	285,089	\$226,087	287,675	\$321,983	379,573	\$294,098
Croaker, Atlantic	10,251,515	\$904,219	6,082,108	\$600,375	4,323,979	\$372,198
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	214,236	\$21,537	142,437	\$15,781	70,264	\$7,775
Eel, American	237,684	\$84,156	451,956	\$187,997	133,506	\$55,772
Finfish, Other	631,790	\$62,540	418,092	\$50,198	376,246	\$41,446
Flounder, Southern	1,730,809	\$580,701	1,617,306	\$434,365	904,700	\$309,569
Flounder, Summer	9,778,824	\$2,965,889	10,195,618	\$2,407,504	6,460,336	\$1,850,989
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	44,894	\$21,842	70,008	\$28,294	16,483	\$3,950
Herring, River	5,952,067	\$215,501	6,209,542	\$246,753	7,925,898	\$213,519
Herring, Thread	6,842,040	\$222,374	4,411,950	\$121,975	3,721,180	\$168,647
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	212,530	\$31,635	314,584	\$54,445	428,647	\$60,556
Mackerel, King	100,001	\$60,122	40,249	\$24,244	25,767	\$6,816
Mackerel, Spanish	48,696	\$6,823	73,372	\$9,396	64,211	\$8,983
Menhaden, Atlantic	153,805,201	\$3,258,977	121,197,640	\$2,886,563	66,943,030	\$2,539,604
Mullet, Striped	1,952,748	\$204,083	2,137,502	\$206,927	1,092,620	\$91,951
Oysters	424,831	\$329,794	558,821	\$435,804	548,351	\$446,485
Perch, White	288,597	\$51,891	309,250	\$57,146	145,280	\$21,826
Perch, Yellow	2,806	\$448	27,487	\$4,449	11,480	\$1,726
Porgies	149,498	\$47,952	65,653	\$20,036	27,710	\$7,434
Scallop, Bay	134,752	\$104,622	220,428	\$199,391	37,384	\$33,059
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,147,761	\$447,012	1,316,746	\$523,374	683,702	\$227,159
Seatrout, Spotted	632,603	\$207,963	669,607	\$207,154	611,004	\$181,902
Shad, American	241,240	\$82,815	368,833	\$105,668	321,000	\$85,491
Shad, Gizzard	189,205	\$3,636	387,351	\$7,745	169,169	\$2,361
Shad, Hickory	29,202	\$2,485	41,725	\$2,635	65,973	\$3,186
Sharks	0	\$0	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	85,531	\$11,353	104,991	\$17,714	608,573	\$362,424
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,163,610	\$5,053,944	8,440,203	\$4,606,363	5,003,417	\$4,738,223
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	32,781	\$26,073	21,076	\$17,406	6,784	\$3,241
Spadefish	8,962	\$389	1,658	\$97	1,462	\$79
Spot	8,299,854	\$860,993	5,606,952	\$624,919	5,397,368	\$675,908
Striped Bass	1,303,197	\$629,928	1,016,191	\$393,187	1,751,936	\$591,811
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	1,352	\$135	12,130	\$1,826	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	6,725,476	\$807,937	6,056,334	\$631,280	6,221,576	\$542,964

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1972		1971		1970	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	13,479,254	\$1,345,159	14,475,500	\$1,127,829	20,880,200	\$1,237,567
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	49,809	\$29,186	48,900	\$25,414	59,800	\$23,246
Bluefish	1,167,721	\$98,854	578,000	\$59,072	495,500	\$41,825
Catfishes	2,398,012	\$333,753	2,029,800	\$283,942	1,996,400	\$286,510
Clams, Hard	274,153	\$162,655	253,300	\$147,593	281,900	\$157,208
Croaker, Atlantic	4,108,859	\$227,052	948,200	\$53,605	806,800	\$37,875
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	42,919	\$5,228	17,200	\$1,718	7,500	\$648
Eel, American	77,389	\$12,177	167,200	\$26,628	15,500	\$1,516
Finfish, Other	600,508	\$70,720	2,961,300	\$95,822	2,656,235	\$67,516
Flounder, Southern	785,348	\$277,446	352,300	\$105,583	522,300	\$138,048
Flounder, Summer	3,870,149	\$1,110,605	3,658,600	\$1,012,840	2,640,500	\$641,676
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	0	\$0	14,000	\$2,520	0	\$0
Herring, River	11,237,143	\$196,145	12,721,900	\$203,122	11,521,400	\$193,756
Herring, Thread	21,423,920	\$366,150	6,281,900	\$107,646	5,161,000	\$83,970
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	683,048	\$82,740	478,200	\$55,785	563,000	\$74,217
Mackerel, King	8,920	\$2,671	8,900	\$2,228	12,300	\$2,965
Mackerel, Spanish	96,251	\$12,999	95,200	\$14,032	63,300	\$8,520
Menhaden, Atlantic	84,692,020	\$1,219,329	79,488,200	\$1,116,093	108,235,200	\$1,570,489
Mullet, Striped	1,176,918	\$97,932	713,000	\$50,049	1,123,000	\$59,230
Oysters	470,112	\$344,217	423,400	\$288,784	382,500	\$269,119
Perch, White	201,855	\$26,923	366,600	\$45,126	211,200	\$30,031
Perch, Yellow	24,885	\$3,327	24,100	\$3,080	43,200	\$5,913
Porgies	39,188	\$9,364	206,400	\$34,732	212,100	\$26,990
Scallop, Bay	128,288	\$110,339	60,000	\$42,412	130,200	\$91,087
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	635,210	\$204,518	747,500	\$163,987	1,178,300	\$229,127
Seatrout, Spotted	502,792	\$153,421	337,600	\$103,561	404,600	\$107,964
Shad, American	468,484	\$111,609	680,200	\$116,770	953,200	\$192,796
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	69,190	\$3,725	62,400	\$3,498	61,400	\$2,644
Sharks	0	\$0	2,000	\$60	2,800	\$113
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,089,666	\$497,212	1,363,000	\$450,919	1,675,900	\$523,953
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,563,261	\$3,549,492	7,614,900	\$4,765,496	5,054,300	\$2,492,767
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	121	\$36	7,400	\$3,591	500	\$80
Spadefish	634	\$33	3,900	\$184	2,000	\$75
Spot	3,902,144	\$378,138	1,190,100	\$173,265	1,528,900	\$142,247
Striped Bass	1,261,060	\$358,312	1,449,000	\$313,800	2,317,500	\$479,185
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	7,372,329	\$397,372	3,644,700	\$226,476	2,441,100	\$144,972

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1969		1968		1967	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	22,159,300	\$2,125,500	19,171,200	\$1,833,539	14,272,300	\$703,754
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	93,400	\$42,224	83,500	\$31,354	86,100	\$36,972
Bluefish	871,100	\$95,703	872,200	\$101,617	887,800	\$80,797
Catfishes	1,854,000	\$266,949	1,684,100	\$236,475	1,784,800	\$276,722
Clams, Hard	252,300	\$140,690	203,600	\$116,690	200,200	\$105,648
Croaker, Atlantic	1,368,700	\$62,089	1,200,800	\$59,836	1,282,800	\$65,101
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	3,900	\$330	12,500	\$834	12,800	\$1,236
Eel, American	17,600	\$791	24,500	\$1,024	23,100	\$921
Finfish, Other	2,080,900	\$59,682	4,516,300	\$69,853	6,945,200	\$104,541
Flounder, Southern	641,900	\$186,286	697,200	\$170,006	519,400	\$111,191
Flounder, Summer	2,124,300	\$519,862	1,905,600	\$455,713	3,872,000	\$756,235
Goosefish	0	\$0	4,000	\$237	5,600	\$321
Groupers	400	\$63	25,000	\$4,267	9,000	\$673
Herring, River	19,761,700	\$303,717	15,524,900	\$234,669	18,486,000	\$317,716
Herring, Thread	4,442,100	\$60,442	2,723,700	\$35,405	6,307,300	\$68,561
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	842,700	\$99,878	635,400	\$67,841	839,300	\$72,664
Mackerel, King	16,100	\$3,586	7,500	\$1,789	23,700	\$5,038
Mackerel, Spanish	88,600	\$11,803	68,900	\$7,486	72,700	\$8,113
Menhaden, Atlantic	53,127,380	\$2,227,738	167,189,100	\$1,957,865	46,135,870	\$1,693,735
Mullet, Striped	1,090,100	\$81,785	1,172,100	\$89,583	1,063,100	\$72,830
Oysters	370,300	\$259,551	402,900	\$268,416	518,500	\$316,376
Perch, White	206,600	\$24,343	299,100	\$30,695	384,500	\$46,073
Perch, Yellow	28,200	\$2,892	45,700	\$4,328	36,900	\$3,405
Porgies	252,500	\$35,648	176,400	\$17,215	462,100	\$44,826
Scallop, Bay	612,500	\$382,718	638,700	\$422,136	387,300	\$211,291
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,047,000	\$191,564	1,192,700	\$194,169	1,994,200	\$303,688
Seatrout, Spotted	189,100	\$55,992	97,200	\$31,118	122,500	\$36,142
Shad, American	718,600	\$136,686	842,700	\$127,547	777,200	\$154,702
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	100,900	\$5,302	141,600	\$6,342	130,300	\$8,406
Sharks	0	\$0	5,600	\$357	5,400	\$330
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	114,100	\$43,454	181,700	\$75,210	1,538,400	\$344,400
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	7,854,200	\$4,475,828	4,616,100	\$2,356,759	4,918,700	\$1,809,286
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	400	\$109	42,400	\$15,582	4,000	\$1,352
Spadefish	300	\$32	1,600	\$93	0	\$0
Spot	1,487,800	\$187,819	1,575,100	\$187,338	3,047,900	\$205,099
Striped Bass	1,568,000	\$325,557	1,911,800	\$384,971	1,817,200	\$253,217
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	1,539,000	\$108,808	2,285,500	\$106,182	1,768,800	\$106,445

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1966		1965		1964	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	18,914,100	\$867,932	22,333,700	\$1,262,651	24,091,500	\$1,275,164
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	125,600	\$56,342	237,000	\$85,133	69,700	\$32,924
Bluefish	820,500	\$67,074	703,800	\$49,101	514,700	\$64,392
Catfishes	1,786,400	\$278,230	1,531,000	\$163,445	1,274,200	\$127,420
Clams, Hard	232,800	\$93,158	312,900	\$136,868	255,400	\$98,217
Croaker, Atlantic	1,267,000	\$62,549	1,753,400	\$107,913	1,866,900	\$139,066
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	35,200	\$3,579	71,400	\$8,505	101,500	\$9,022
Eel, American	54,400	\$2,277	40,000	\$1,807	53,000	\$2,650
Finfish, Other	6,741,500	\$104,649	9,487,200	\$169,948	12,075,100	\$158,685
Flounder, Southern	449,300	\$83,819	695,000	\$138,182	373,900	\$77,998
Flounder, Summer	3,568,100	\$660,428	4,026,000	\$813,224	2,076,600	\$402,838
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	7,400	\$688	0	\$0	1,400	\$112
Herring, River	12,519,300	\$134,261	12,825,800	\$132,601	7,560,900	\$76,880
Herring, Thread	2,582,200	\$34,973	1,074,700	\$13,853	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	766,600	\$58,119	1,337,000	\$118,982	1,141,300	\$95,669
Mackerel, King	94,900	\$18,534	138,900	\$28,287	88,500	\$17,700
Mackerel, Spanish	78,500	\$9,414	117,200	\$11,824	78,300	\$11,745
Menhaden, Atlantic	36,534,710	\$2,537,808	57,538,190	\$2,072,174	172,991,700	\$2,248,892
Mullet, Striped	1,444,900	\$99,308	1,260,100	\$83,160	1,219,900	\$90,128
Oysters	726,100	\$398,993	863,700	\$473,549	727,700	\$414,775
Perch, White	402,300	\$23,870	260,800	\$26,699	339,700	\$36,296
Perch, Yellow	23,600	\$1,794	32,400	\$2,973	60,400	\$5,437
Porgies	1,925,800	\$115,545	982,200	\$125,778	491,500	\$26,252
Scallop, Bay	399,100	\$184,198	379,000	\$196,342	339,700	\$172,622
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,266,600	\$157,839	1,089,800	\$146,836	906,200	\$121,827
Seatrout, Spotted	115,900	\$33,886	175,100	\$53,212	204,800	\$71,680
Shad, American	701,300	\$169,810	1,068,800	\$214,065	639,900	\$127,472
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	196,700	\$5,929	202,000	\$7,089	232,900	\$8,577
Sharks	2,600	\$149	2,100	\$125	13,900	\$1,390
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,955,100	\$390,945	1,008,100	\$306,732	58,400	\$7,052
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,697,000	\$2,565,981	5,416,200	\$1,719,235	4,279,000	\$1,503,239
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	10,800	\$4,155	0	\$0	500	\$150
Spadefish	0	\$0	200	\$7	2,100	\$168
Spot	1,091,300	\$94,030	912,600	\$69,363	1,251,200	\$110,591
Striped Bass	652,800	\$100,095	484,300	\$76,809	714,500	\$116,746
Swordfish	76,900	\$38,353	524,000	\$283,320	482,800	\$232,790
Tilefishes	0	\$0	0	\$0	700	\$56
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	13,700	\$2,029	59,500	\$11,334	33,100	\$2,895
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,896,300	\$110,198	1,959,400	\$130,228	1,965,700	\$133,535

Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).

	1963		1962		1961	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	18,835,400	\$945,064	12,221,300	\$494,161	15,880,100	\$608,478
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	83,400	\$37,530	97,700	\$34,200	100,800	\$35,280
Bluefish	812,700	\$97,022	954,600	\$117,662	752,400	\$93,833
Catfishes	1,229,700	\$109,966	1,060,900	\$84,872	1,093,400	\$87,472
Clams, Hard	331,700	\$129,808	246,700	\$98,680	490,400	\$196,160
Croaker, Atlantic	2,275,700	\$152,442	1,662,800	\$145,544	1,753,500	\$143,774
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	71,200	\$4,812	60,900	\$4,920	89,700	\$7,262
Eel, American	38,600	\$1,930	43,300	\$1,732	56,700	\$2,268
Finfish, Other	11,498,100	\$131,088	9,088,600	\$124,977	11,402,200	\$148,650
Flounder, Southern	386,400	\$67,190	381,600	\$56,355	362,000	\$54,553
Flounder, Summer	2,287,500	\$375,796	1,494,000	\$170,180	1,534,700	\$175,176
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	400	\$24	500	\$39	1,200	\$91
Herring, River	15,099,600	\$150,996	14,302,400	\$143,024	11,951,100	\$119,511
Herring, Thread	0	\$0	0	\$0	4,127,900	\$44,994
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,071,300	\$111,307	1,262,300	\$120,871	1,476,100	\$135,919
Mackerel, King	52,600	\$10,520	49,300	\$9,810	43,000	\$8,600
Mackerel, Spanish	135,300	\$20,295	83,200	\$12,480	133,600	\$20,040
Menhaden, Atlantic	78,714,870	\$2,326,005	122,898,100	\$1,364,169	221,555,400	\$2,414,953
Mullet, Striped	1,911,000	\$122,621	2,285,400	\$160,544	2,193,500	\$175,480
Oysters	694,000	\$356,705	961,400	\$485,589	1,209,100	\$615,467
Perch, White	259,300	\$26,500	320,300	\$32,030	346,500	\$34,650
Perch, Yellow	43,300	\$2,718	47,200	\$2,832	40,000	\$2,400
Porgies	191,700	\$11,698	292,800	\$23,470	240,800	\$19,264
Scallop, Bay	321,100	\$121,914	168,500	\$67,400	105,700	\$42,280
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	738,500	\$77,405	1,287,200	\$147,184	634,600	\$70,204
Seatrout, Spotted	232,400	\$73,778	204,700	\$61,410	209,100	\$52,275
Shad, American	693,400	\$167,693	765,000	\$191,250	673,200	\$168,300
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	292,400	\$8,772	171,700	\$8,585	276,500	\$13,825
Sharks	4,100	\$353	2,600	\$152	2,200	\$110
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	47,500	\$5,355	32,700	\$2,974	77,100	\$15,715
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	3,373,900	\$1,064,831	5,804,700	\$2,239,083	3,016,100	\$829,624
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	2,200	\$616	2,500	\$700	5,900	\$1,287
Spadefish	9,900	\$788	2,800	\$224	2,300	\$184
Spot	915,500	\$84,021	1,218,300	\$78,804	2,055,700	\$115,396
Striped Bass	735,800	\$114,908	747,300	\$119,568	549,700	\$87,952
Swordfish	1,200	\$648	0	\$0	0	\$0
Tilefishes	200	\$16	400	\$32	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	900	\$45
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,760,900	\$133,765	2,160,500	\$149,820	2,307,700	\$127,046

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1960		1959		1958	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	14,936,700	\$716,387	14,738,900	\$851,234	12,523,500	\$717,152
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	90,900	\$31,815	124,400	\$37,320	75,600	\$21,415
Bluefish	614,600	\$78,145	740,400	\$87,417	436,900	\$58,270
Catfishes	1,057,900	\$85,352	1,464,800	\$117,184	1,533,900	\$123,881
Clams, Hard	431,500	\$172,600	339,500	\$135,800	277,500	\$111,000
Croaker, Atlantic	2,092,800	\$158,029	3,056,600	\$228,331	6,920,600	\$530,542
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	79,300	\$6,480	5,000	\$400	6,600	\$412
Eel, American	65,900	\$2,636	99,100	\$3,956	86,800	\$3,472
Finfish, Other	22,570,700	\$248,607	3,401,800	\$98,566	1,388,000	\$77,879
Flounder, Southern	327,400	\$48,728	373,000	\$54,210	181,600	\$26,188
Flounder, Summer	908,600	\$86,826	1,156,400	\$132,754	518,300	\$58,718
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	500	\$35	9,300	\$674	31,600	\$2,296
Herring, River	12,815,000	\$128,150	14,153,700	\$141,537	14,914,300	\$149,143
Herring, Thread	0	\$0	4,371,100	\$50,704	74,400	\$5,200
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	927,500	\$84,026	780,100	\$71,866	1,054,300	\$97,699
Mackerel, King	47,900	\$9,580	30,900	\$5,995	59,200	\$11,720
Mackerel, Spanish	118,500	\$17,775	156,400	\$23,460	211,300	\$31,695
Menhaden, Atlantic	190,431,300	\$1,980,480	279,887,800	\$3,246,699	235,384,500	\$3,483,690
Mullet, Striped	3,236,000	\$258,880	2,326,000	\$158,843	2,229,000	\$157,715
Oysters	1,216,200	\$560,442	1,311,000	\$587,607	1,041,500	\$434,311
Perch, White	303,600	\$30,360	442,300	\$44,230	381,400	\$38,140
Perch, Yellow	16,600	\$996	45,100	\$3,246	35,700	\$2,142
Porgies	138,600	\$11,088	34,000	\$2,716	35,200	\$2,816
Scallop, Bay	68,700	\$27,480	128,300	\$51,314	169,400	\$57,935
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	126,300	\$12,630	40,900	\$4,090	27,200	\$2,720
Seatrout, Spotted	171,200	\$42,800	388,800	\$97,200	177,300	\$44,325
Shad, American	506,700	\$126,675	418,600	\$104,650	492,800	\$123,200
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	180,700	\$9,035	99,500	\$5,970	193,200	\$6,656
Sharks	2,300	\$115	12,900	\$645	4,200	\$210
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	238,800	\$69,507	28,100	\$4,744	11,900	\$1,614
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,888,300	\$1,585,222	6,377,800	\$1,413,473	2,518,100	\$719,375
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	300	\$84	15,400	\$4,171	27,700	\$7,756
Spadefish	3,800	\$304	4,800	\$366	0	\$0
Spot	2,610,500	\$179,144	2,264,900	\$147,046	2,320,900	\$172,606
Striped Bass	782,300	\$125,168	871,500	\$157,456	1,096,000	\$197,280
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	300	\$28	400	\$32
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	2,240,300	\$124,298	2,912,700	\$166,583	3,810,100	\$216,403

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1957		1956		1955	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	11,571,600	\$657,148	8,245,000	\$412,250	9,480,100	\$568,696
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	63,600	\$15,900	71,000	\$14,200	25,800	\$5,170
Bluefish	815,900	\$106,669	632,800	\$63,280	434,800	\$52,938
Catfishes	1,258,500	\$100,680	1,087,600	\$87,008	950,900	\$75,536
Clams, Hard	243,300	\$97,320	147,700	\$51,695	122,000	\$34,460
Croaker, Atlantic	2,915,900	\$219,543	4,828,800	\$289,728	992,600	\$53,636
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	139,600	\$11,168	30,100	\$3,010	135,400	\$13,540
Eel, American	63,000	\$2,520	113,100	\$4,524	45,200	\$2,922
Finfish, Other	1,836,500	\$87,263	1,254,700	\$64,096	1,542,100	\$74,530
Flounder, Southern	451,700	\$61,137	214,500	\$32,175	191,600	\$26,724
Flounder, Summer	784,200	\$88,050	787,600	\$79,905	934,500	\$112,290
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	84,900	\$5,889	26,700	\$1,602	0	\$0
Herring, River	11,773,200	\$117,734	12,553,400	\$134,810	12,647,900	\$129,670
Herring, Thread	12,057,300	\$166,390	5,000,000	\$68,500	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,599,800	\$144,308	1,433,800	\$114,704	1,281,300	\$103,194
Mackerel, King	45,800	\$8,290	7,300	\$1,314	13,200	\$2,500
Mackerel, Spanish	247,800	\$37,170	345,600	\$55,296	165,400	\$25,035
Menhaden, Atlantic	172,522,300	\$2,380,826	246,647,900	\$3,379,080	184,918,700	\$2,292,993
Mullet, Striped	2,127,100	\$145,090	2,194,100	\$175,528	1,888,200	\$191,720
Oysters	1,086,500	\$479,757	1,318,000	\$563,777	731,000	\$286,395
Perch, White	472,200	\$47,220	417,000	\$32,860	799,500	\$68,252
Perch, Yellow	22,100	\$1,326	53,400	\$3,184	27,900	\$2,046
Porgies	23,800	\$1,890	97,700	\$5,862	15,000	\$1,039
Scallop, Bay	108,400	\$37,073	125,200	\$62,600	78,300	\$39,150
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	36,000	\$3,540	79,700	\$7,970	19,100	\$2,706
Seatrout, Spotted	578,300	\$144,575	389,400	\$116,820	442,600	\$132,780
Shad, American	837,000	\$209,250	773,200	\$193,300	649,000	\$159,619
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	247,900	\$14,874	268,300	\$16,098	250,700	\$11,988
Sharks	0	\$0	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	20,300	\$1,538	20,000	\$1,952	0	\$0
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	7,933,100	\$2,262,944	6,243,200	\$1,594,368	10,323,600	\$2,369,306
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	225,100	\$63,028	130,400	\$36,512	0	\$0
Spadefish	0	\$0	0	\$0	0	\$0
Spot	2,157,500	\$156,244	2,574,800	\$180,236	1,898,000	\$189,692
Striped Bass	597,000	\$89,550	763,500	\$119,255	736,000	\$120,099
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	2,210,300	\$157,522	1,842,400	\$147,392	1,355,800	\$135,710

Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).

	1954		1953		1952	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	9,727,200	\$348,610	10,486,900	\$354,449	6,161,700	\$196,854
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	95,100	\$14,265	167,800	\$33,560	124,200	\$18,630
Bluefish	323,100	\$39,282	541,700	\$66,984	736,800	\$83,089
Catfishes	930,200	\$75,456	942,800	\$80,341	992,900	\$85,720
Clams, Hard	244,000	\$72,264	444,800	\$115,887	724,500	\$166,740
Croaker, Atlantic	1,015,500	\$50,593	1,433,900	\$69,118	1,346,300	\$66,325
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	267,400	\$24,714	285,100	\$28,276	222,700	\$26,584
Eel, American	37,000	\$2,258	52,400	\$2,440	38,600	\$1,452
Finfish, Other	1,747,500	\$103,132	1,545,100	\$103,261	2,592,500	\$154,576
Flounder, Southern	333,800	\$49,102	398,900	\$60,440	501,700	\$85,928
Flounder, Summer	1,311,300	\$193,743	1,444,600	\$214,603	1,654,300	\$261,712
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	0	\$0	0	\$0	0	\$0
Herring, River	12,758,000	\$127,580	13,841,500	\$138,415	6,510,200	\$81,221
Herring, Thread	0	\$0	0	\$0	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,879,400	\$136,770	1,490,200	\$132,416	1,484,500	\$141,167
Mackerel, King	0	\$0	0	\$0	0	\$0
Mackerel, Spanish	329,500	\$42,227	107,400	\$16,455	174,300	\$29,079
Menhaden, Atlantic	160,301,000	\$2,067,883	132,104,700	\$1,387,098	191,341,300	\$1,626,501
Mullet, Striped	1,781,100	\$184,273	2,505,800	\$243,842	3,850,400	\$361,647
Oysters	1,008,400	\$395,870	1,525,300	\$536,015	1,620,900	\$600,238
Perch, White	1,504,600	\$103,352	696,500	\$47,303	458,100	\$41,724
Perch, Yellow	28,200	\$1,872	58,600	\$3,926	45,800	\$3,784
Porgies	41,100	\$2,109	44,900	\$2,310	104,500	\$7,423
Scallop, Bay	51,700	\$25,850	65,300	\$32,650	253,800	\$126,900
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	41,400	\$4,700	82,300	\$9,556	109,800	\$13,002
Seatrout, Spotted	659,900	\$173,940	631,700	\$155,160	643,400	\$191,230
Shad, American	1,444,700	\$258,185	1,187,800	\$292,640	1,479,200	\$377,091
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	324,400	\$16,725	438,700	\$16,494	453,000	\$19,799
Sharks	0	\$0	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	5,000	\$500	9,000	\$900	28,200	\$2,940
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	9,182,400	\$1,836,480	14,645,100	\$3,622,950	8,712,600	\$1,905,065
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	0	\$0	0	\$0	5,000	\$1,000
Spadefish	0	\$0	0	\$0	0	\$0
Spot	2,389,900	\$159,698	2,814,700	\$175,546	5,548,000	\$249,355
Striped Bass	1,121,700	\$188,303	757,000	\$137,319	647,000	\$121,231
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	2,381,100	\$236,698	1,897,100	\$185,038	1,625,600	\$167,994

**Table 31. Commercial landings of select species of finfish and shellfish from 1950 to 2005
(continued).**

	1951		1950	
	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0
Blue Crabs, Hard	7,822,200	\$212,035	6,680,500	\$266,888
Blue Crabs, Peeler	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	167,000	\$24,906	208,800	\$24,753
Bluefish	925,900	\$104,901	1,272,200	\$181,088
Catfishes	529,900	\$50,834	671,300	\$53,805
Clams, Hard	834,800	\$192,051	836,400	\$157,132
Croaker, Atlantic	2,102,100	\$112,531	2,095,800	\$103,406
Dolphinfish	0	\$0	0	\$0
Drum, Red	182,400	\$21,888	200,900	\$20,793
Eel, American	32,600	\$1,682	174,600	\$21,490
Finfish, Other	2,934,300	\$102,888	2,254,700	\$115,379
Flounder, Southern	463,300	\$86,299	618,200	\$93,432
Flounder, Summer	1,015,500	\$168,547	1,221,500	\$184,491
Goosefish	0	\$0	0	\$0
Groupers	100	\$15	0	\$0
Herring, River	12,534,500	\$129,267	6,422,500	\$128,459
Herring, Thread	0	\$0	32,000	\$240
Hog Snapper	2,000	\$60	4,400	\$132
Kingfishes	1,122,100	\$100,373	1,398,600	\$126,800
Mackerel, King	300	\$36	0	\$0
Mackerel, Spanish	206,300	\$31,781	147,500	\$23,725
Menhaden, Atlantic	104,012,900	\$978,562	124,904,900	\$1,221,468
Mullet, Striped	4,013,000	\$393,356	3,220,800	\$357,194
Oysters	1,531,900	\$632,122	1,322,100	\$555,686
Perch, White	394,100	\$42,213	510,200	\$50,913
Perch, Yellow	39,200	\$3,928	34,900	\$3,490
Porgies	152,800	\$7,650	59,400	\$4,198
Scallop, Bay	183,400	\$95,696	71,600	\$38,906
Scup	0	\$0	0	\$0
Sea Basses	94,000	\$9,818	75,600	\$6,140
Seatrout, Spotted	267,400	\$80,840	482,000	\$143,719
Shad, American	1,244,500	\$300,116	1,100,300	\$339,970
Shad, Gizzard	0	\$0	0	\$0
Shad, Hickory	196,000	\$14,007	294,900	\$13,684
Sharks	6,600	\$390	5,500	\$550
Sharks, Dogfishes	0	\$0	0	\$0
Shellfish, Other	67,100	\$7,631	27,800	\$4,093
Shrimp, Brown	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0
Shrimp, Unclassified	8,199,500	\$1,949,907	8,311,200	\$1,999,358
Shrimp, White	0	\$0	0	\$0
Snappers	7,500	\$1,500	0	\$0
Spadefish	0	\$0	0	\$0
Spot	4,614,500	\$210,728	5,172,300	\$234,090
Striped Bass	702,200	\$134,110	796,800	\$165,207
Swordfish	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0
Tunas	0	\$0	141,000	\$4,231
Wahoo	0	\$0	0	\$0
Weakfish	1,262,900	\$126,403	1,567,400	\$155,245

Table 32. Commercial oyster landings, 1887-2005.

Year	Pounds Meat	Bushels*	Value
1887	1,175,650	167,950	\$48,353
1888	1,129,960	161,423	\$46,129
1889	5,528,942	789,849	\$194,272
1890	4,456,075	636,582	\$175,567
1897	4,740,675	677,239	\$241,099
1902	5,645,928	806,561	\$268,363
1908	4,159,320	594,189	\$227,300
1910	1,834,058	262,008	\$63,405
1918	1,197,630	171,090	\$70,280
1923	3,089,146	441,307	\$229,576
1927	2,397,750	342,536	\$200,742
1928	2,286,610	326,659	\$167,490
1929	2,828,420	404,060	\$245,533
1930	2,205,674	536,660	\$155,148
1931	1,500,571	353,076	\$92,061
1932	1,201,356	274,282	\$51,339
1934	1,160,700	271,192	\$53,092
1936	2,480,500	651,050	\$160,631
1937	1,940,900	457,759	\$112,051
1938	1,426,900	334,169	\$98,468
1939	1,055,600	313,234	\$72,964
1940	690,400	204,260	\$52,560
1945	1,707,100	554,253	\$400,210
1950	1,322,100	237,788	\$555,686
1951	1,531,900	253,626	\$632,122
1952	1,620,900	331,472	\$600,238
1953	1,525,300	310,652	\$536,015
1954	1,008,400	211,849	\$395,870
1955	731,000	149,489	\$286,395
1956	1,318,000	285,281	\$563,777
1957	1,086,500	239,317	\$395,870
1958	1,041,500	228,399	\$434,311
1959	1,311,000	286,871	\$587,607
1960	1,216,200	288,884	\$560,442
1961	1,209,100	232,967	\$615,467
1962	961,400	192,280	\$485,589
1963	694,000	133,462	\$356,705
1964	727,700	152,558	\$414,775
1965	863,700	165,460	\$473,549
1966	726,209	137,801	\$398,993
1967	518,514	98,203	\$316,379
1968	402,959	83,601	\$268,743
1969	369,928	80,245	\$259,600
1970	381,978	78,758	\$269,138
1971	423,675	88,321	\$288,800
1972	470,112	102,937	\$344,217
1973	548,351	111,977	\$446,485
1974	558,821	109,465	\$435,804
1975	424,831	84,042	\$329,794
1976	333,315	61,395	\$292,058
1977	365,714	68,717	\$353,581
1978	449,544	83,589	\$547,783

Table 32. Commercial oyster landings, 1887-2005 (continued).

Year	Pounds Meat	Bushels*	Value
1979	665,439	131,770	\$925,964
1980	723,099	138,419	\$987,958
1981	550,502	118,796	\$730,293
1982	611,998	154,506	\$908,676
1983	724,509	123,237	\$1,124,147
1984	724,557	127,675	\$1,207,277
1985	545,439	99,824	\$1,037,153
1986	745,548	120,405	\$1,452,056
1987	1,425,584	226,283	\$2,875,406
1988	913,100	157,350	\$2,162,931
1989	529,858	91,687	\$1,575,634
1990	328,850	51,902	\$1,160,171
1991	319,040	48,215	\$1,229,293
1992	293,956	49,933	\$1,172,397
1993	223,993	35,420	\$843,617
1994	197,958	37,421	\$681,728
1995	232,498	43,950	\$858,790
1996	219,411	41,477	\$825,012
1997	229,259	43,338	\$930,741
1998	224,836	42,502	\$928,125
1999	217,048	41,030	\$923,721
2000	203,427	38,455	\$804,212
2001	258,086	48,788	\$1,068,352
2002	243,775	46,082	\$991,004
2003	260,966	49,332	\$1,017,588
2004	367,766	69,521	\$1,551,045
2005	378,221	71,497	\$1,683,564

* Bushels were calculated based on documented conversion rates from Chestnut and Davis (1975) for the period of 1887 to 1971. From 1972 to 1993, conversion rates came from NMFS and DMF tables. From 1994 to the present, a standard conversion rate of 5.29 was adopted.

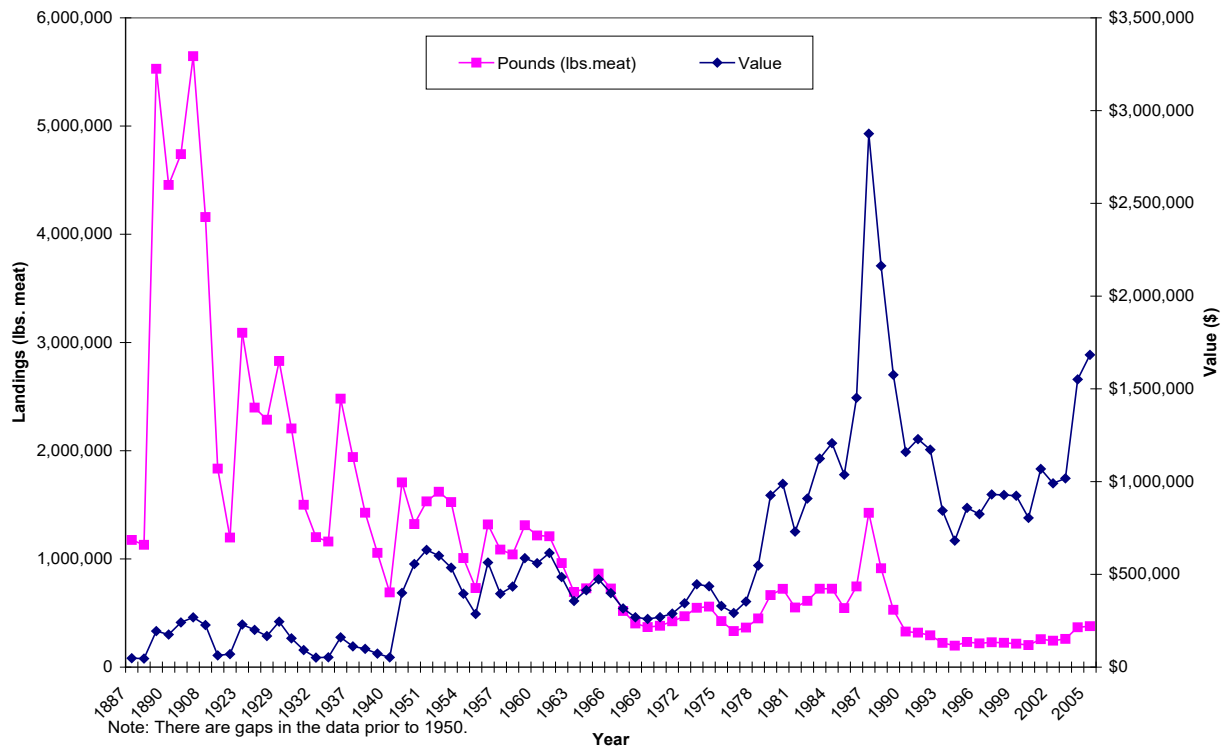


Figure 3. Commercial oyster landings in pounds and bushels from 1887 to 2005.

Table 33. Commercial oyster landings by gear type from 1930 to 2005.

Year	Dredge	Tongs, Rakes, By Hand, Misc. Gears	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	349,400	449,487
1979	282,726	382,713	662,310
1980	377,785	345,314	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	206,369	328,797
1991	74,649	244,391	319,040

Table 33. Commercial oyster landings by gear type from 1930 to 2005 (continued).

Year	Dredge	Tongs, Rakes, By Hand, Misc. Gears	Total
1992	30,852	263,104	293,956
1993	7,807	216,186	222,123
1994	11,543	186,415	197,958
1995	2,820	229,678	232,498
1996	16	219,395	219,411
1997	1,957	227,302	229,259
1998	34,446	190,390	224,836
1999	46,138	170,910	217,048
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	257,356	367,660
2005	129,811	248,410	378,221

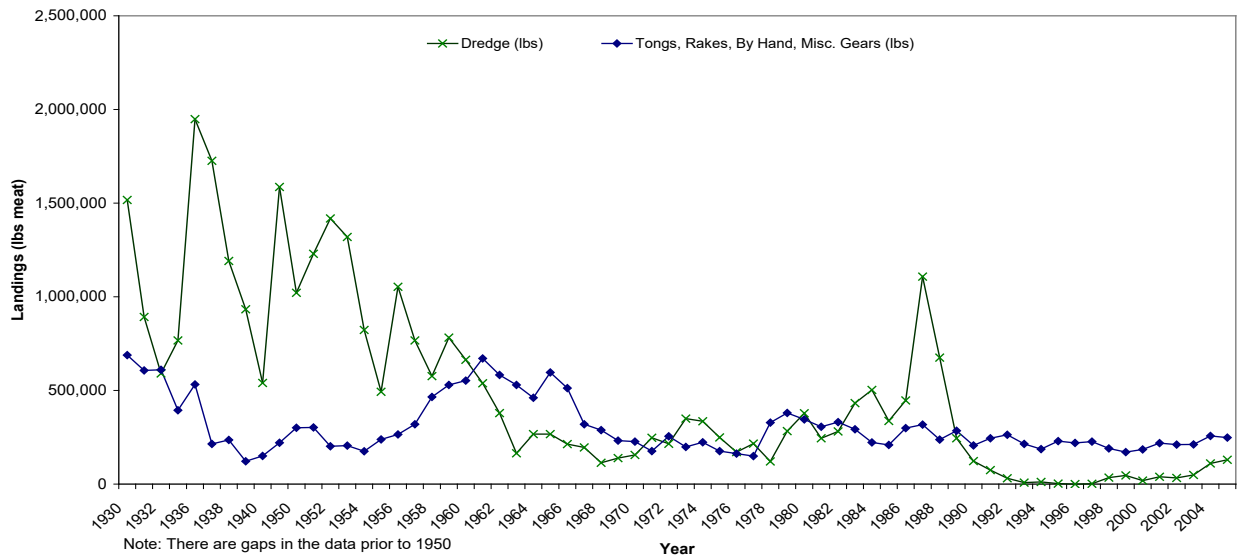


Figure 4. Commercial oyster landings by gear type from 1930 to 2005.

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (indicates confidential data).**

County	2005		2004		2003		2002	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	4,733,152	\$3,498,764	5,212,180	\$3,668,136	6,247,212	\$5,290,595	6,406,615	\$5,698,627
BERTIE	***	***	28,383	\$11,119	21,820	\$11,566	85,522	\$34,711
BLADEN	***	***	***	***	***	***	***	***
BRUNSWICK	2,021,137	\$3,382,216	2,392,437	\$3,774,564	2,249,320	\$3,459,964	2,193,874	\$3,310,866
CAMDEN	2,092,856	\$1,666,401	2,072,470	\$1,834,027	3,654,632	\$4,102,430	2,417,663	\$2,927,849
CARTERET	19,297,148	\$11,412,922	61,078,353	\$19,463,932	59,165,668	\$18,782,353	82,063,840	\$19,749,684
CHOWAN	724,349	\$374,744	609,001	\$301,385	874,079	\$483,472	942,148	\$449,909
COLUMBUS	24,321	\$89,758	27,737	\$79,095	24,092	\$68,589	24,578	\$74,226
CRAVEN	699,967	\$533,639	807,392	\$515,457	963,336	\$751,616	873,648	\$740,739
CUMBERLAND	***	***	0	\$0	0	\$0	0	\$0
CURRITUCK	1,298,858	\$1,215,821	2,097,390	\$1,643,460	2,014,165	\$2,151,322	3,320,548	\$3,614,111
DARE	27,220,623	\$21,180,189	31,388,533	\$20,634,786	32,531,441	\$20,076,715	28,888,134	\$23,013,822
DAVIDSON	***	***	***	***	***	***	0	\$0
DAVIE	0	\$0	0	\$0	0	\$0	0	\$0
DUPLIN	***	***	***	***	***	***	***	***
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
HALIFAX	0	\$0	0	\$0	***	***	***	***
HERTFORD	***	***	***	***	***	***	***	***
HYDE	6,757,472	\$5,889,632	9,027,344	\$7,759,552	10,575,955	\$8,822,318	10,644,912	\$9,538,517
JOHNSTON	***	***	***	***	0	\$0	0	\$0
JONES	0	\$0	0	\$0	***	***	***	***
LEE	0	\$0	0	\$0	0	\$0	0	\$0
LENOIR	0	\$0	***	***	0	\$0	0	\$0
LINCOLN	0	\$0	0	\$0	0	\$0	***	***
MARTIN	0	\$0	0	\$0	***	***	***	***
MECKLENBURG	0	\$0	***	***	***	***	0	\$0
NEW HANOVER	1,317,862	\$1,847,024	1,658,837	\$2,103,007	1,810,440	\$2,644,431	1,781,515	\$2,587,660
ONSLow	1,521,296	\$3,687,394	2,347,049	\$4,619,447	2,941,558	\$5,303,912	2,937,741	\$5,512,801
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	5,048,666	\$5,321,618	7,035,847	\$7,219,044	5,517,436	\$5,800,535	5,826,838	\$7,021,721
PASQUOTANK	1,057,464	\$954,930	1,897,746	\$1,541,135	3,239,107	\$3,006,559	3,341,211	\$2,996,948
PENDER	708,731	\$714,499	649,825	\$762,131	612,465	\$759,589	538,639	\$720,585
PERQUIMANS	1,063,408	\$927,389	1,318,462	\$1,153,182	1,758,319	\$1,524,525	2,369,701	\$2,374,948
PITT	36,516	\$15,479	39,954	\$18,580	36,390	\$23,989	69,519	\$43,327
ROBESON	***	***	0	\$0	0	\$0	0	\$0
ROCKINGHAM	0	\$0	0	\$0	0	\$0	***	***
ROWAN	0	\$0	0	\$0	0	\$0	0	\$0
SAMPSON	***	***	***	***	***	***	***	***
SCOTLAND	0	\$0	0	\$0	0	\$0	0	\$0
TYRRELL	2,923,396	\$1,618,806	3,282,247	\$1,848,597	4,259,775	\$3,339,026	3,966,659	\$3,092,913
UNION	0	\$0	0	\$0	***	***	***	***
UNKNOWN	0	\$0	0	\$0	0	\$0	0	\$0
WAKE	***	***	***	***	***	***	***	***
WASHINGTON	563,723	\$522,475	1,058,230	\$736,187	782,722	\$623,124	1,351,769	\$1,170,404
WAYNE	***	***	***	***	***	***	0	\$0
Total Confidential	72,495	\$42,944	73,605	\$57,315	145,120	\$96,724	125,983	\$68,036
Total	79,183,439	\$64,896,645	134,103,023	\$79,744,137	139,425,054	\$87,123,355	160,171,058	\$94,742,403

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	2001		2000		1999		1998	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	4,776,483	\$4,906,389	7,394,463	\$7,156,348	10,820,570	\$7,368,428	10,104,914	\$8,015,017
BERTIE	74,534	\$29,393	109,037	\$46,188	147,642	\$62,508	***	***
BLADEN	***	***	***	***	***	***	***	***
BRUNSWICK	2,425,920	\$3,700,127	2,615,751	\$4,300,641	2,964,543	\$5,291,259	3,007,355	\$4,852,645
CAMDEN	2,308,912	\$2,689,077	2,768,825	\$3,331,270	2,024,534	\$1,528,937	1,691,873	\$1,533,703
CARTERET	66,193,965	\$18,790,167	69,005,515	\$20,759,797	57,126,299	\$19,236,094	81,009,265	\$21,377,140
CHOWAN	1,036,071	\$440,313	1,566,293	\$697,358	1,394,165	\$685,536	1,801,899	\$918,753
COLUMBUS	20,166	\$73,323	36,137	\$87,373	18,922	\$61,669	16,740	\$62,202
CRAVEN	755,321	\$628,082	669,274	\$548,526	877,582	\$643,890	839,022	\$628,968
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	2,054,782	\$2,050,575	2,074,254	\$2,021,142	2,372,177	\$1,698,542	2,145,108	\$1,867,611
DARE	31,550,815	\$24,859,899	33,399,527	\$26,418,772	33,925,664	\$22,842,659	36,885,447	\$23,741,701
DAVIDSON	0	\$0	0	\$0	0	\$0	0	\$0
DAVIE	0	\$0	0	\$0	0	\$0	0	\$0
DUPLIN	18,362	\$10,510	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	***	***	***	***	***	***	***	***
HERTFORD	***	***	28,013	\$11,379	60,776	\$23,118	60,557	\$22,062
HYDE	9,064,325	\$8,180,903	11,914,417	\$12,638,552	15,414,096	\$12,439,977	15,799,661	\$10,669,813
JOHNSTON	0	\$0	0	\$0	0	\$0	***	***
JONES	***	***	***	***	***	***	***	***
LEE	0	\$0	0	\$0	***	***	***	***
LENOIR	***	***	0	\$0	***	***	***	***
LINCOLN	0	\$0	0	\$0	0	\$0	0	\$0
MARTIN	0	\$0	***	***	***	***	3,207	\$2,208
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	1,660,434	\$2,393,864	1,746,549	\$2,513,563	2,072,789	\$2,899,173	2,042,606	\$2,899,081
ONslow	2,771,409	\$5,441,930	3,031,822	\$6,453,338	2,690,721	\$5,648,366	2,671,886	\$5,226,800
ORANGE	0	\$0	0	\$0	***	***	***	***
PAMLICO	4,943,564	\$6,449,165	8,754,679	\$12,476,980	11,050,890	\$10,640,146	10,468,899	\$9,248,373
PASQUOTANK	1,979,675	\$2,093,436	2,278,629	\$2,419,462	2,562,695	\$1,938,687	3,823,233	\$3,498,656
PENDER	540,053	\$793,438	576,616	\$853,691	650,859	\$803,497	535,039	\$769,660
PERQUIMANS	1,623,054	\$1,704,309	1,718,345	\$1,804,635	2,273,451	\$1,938,768	1,911,045	\$1,819,887
PITT	28,776	\$21,160	39,498	\$33,791	80,400	\$42,491	47,292	\$27,743
ROBESON	***	***	***	***	***	***	***	***
ROCKINGHAM	***	***	0	\$0	***	***	0	\$0
ROWAN	0	\$0	0	\$0	0	\$0	0	\$0
SAMPSON	***	***	***	***	***	***	0	\$0
SCOTLAND	***	***	0	\$0	***	***	0	\$0
TYRRELL	3,032,481	\$2,612,295	3,760,970	\$3,068,124	4,427,709	\$2,875,156	4,750,585	\$3,329,741
UNION	***	***	0	\$0	0	\$0	0	\$0
UNKNOWN	0	\$0	0	\$0	0	\$0	0	\$0
WAKE	***	***	0	\$0	***	***	***	***
WASHINGTON	200,844	\$209,883	701,177	\$661,440	751,025	\$613,989	434,161	\$404,801
WAYNE	0	\$0	0	\$0	0	\$0	***	***
Total Confidential	104,015	\$50,994	27,061	\$12,266	27,063	\$22,463	173,768	\$104,273
Total	137,163,960	\$88,129,229	154,227,000	\$108,325,352	153,734,574	\$99,305,354	180,223,561	\$101,020,836

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1997		1996		1995		1994	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	11,730,954	\$8,272,671	13,854,084	\$9,773,319	9,905,250	\$8,658,047	10,076,108	\$6,442,223
BERTIE	***	***	***	***	***	***	177,297	\$153,594
BLADEN	***	***	5,277	\$4,812	***	***	***	***
BRUNSWICK	2,808,839	\$4,645,993	2,800,290	\$4,611,186	3,738,490	\$5,344,867	2,997,521	\$4,516,008
CAMDEN	1,358,368	\$930,439	1,040,836	\$721,643	209,842	\$239,536	5,898	\$5,244
CARTERET	128,830,599	\$29,118,881	75,250,683	\$23,224,955	80,711,493	\$26,032,433	96,568,462	\$20,569,285
CHOWAN	1,612,346	\$866,035	2,045,417	\$1,052,106	1,610,296	\$802,703	2,328,338	\$922,836
COLUMBUS	15,910	\$58,482	19,405	\$62,957	15,317	\$46,702	8,901	\$25,853
CRAVEN	760,220	\$619,522	962,425	\$719,409	504,012	\$504,291	635,902	\$503,097
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	2,109,005	\$1,697,383	2,610,446	\$1,861,075	2,684,864	\$1,940,097	2,001,798	\$1,013,343
DARE	38,493,418	\$24,516,309	43,703,850	\$23,853,952	39,606,682	\$27,700,911	38,759,375	\$21,797,058
DAVIDSON	0	\$0	0	\$0	0	\$0	0	\$0
DAVIE	0	\$0	0	\$0	0	\$0	0	\$0
DUPLIN	***	***	***	***	***	***	***	***
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	17,232	\$8,345	97,697	\$24,685	53,148	\$13,921	61,806	\$10,182
HYDE	14,289,840	\$11,092,556	14,371,620	\$9,379,684	10,334,382	\$9,234,070	12,990,777	\$10,180,636
JOHNSTON	0	\$0	***	***	***	***	***	***
JONES	0	\$0	0	\$0	***	***	0	\$0
LEE	***	***	***	***	***	***	***	***
LENOIR	0	\$0	0	\$0	1,893	\$2,412	***	***
LINCOLN	0	\$0	0	\$0	0	\$0	0	\$0
MARTIN	***	***	7,033	\$8,999	***	***	***	***
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	2,235,758	\$3,196,392	1,810,350	\$2,660,917	2,218,614	\$3,218,877	2,365,785	\$3,074,113
ONSLow	2,526,326	\$5,135,141	2,404,408	\$4,507,635	3,045,939	\$5,052,380	2,794,233	\$4,210,619
ORANGE	***	***	***	***	***	***	***	***
PAMLICO	12,820,570	\$11,785,941	13,460,405	\$11,832,589	8,543,045	\$10,886,663	9,217,487	\$9,960,997
PASQUOTANK	2,470,649	\$2,186,801	6,043,650	\$4,610,122	6,191,765	\$5,471,849	6,522,378	\$4,400,661
PENDER	586,129	\$754,334	556,813	\$678,102	684,080	\$801,007	637,684	\$737,368
PERQUIMANS	1,239,824	\$1,127,763	1,859,839	\$1,310,008	1,168,039	\$1,070,720	214,815	\$135,216
PITT	26,471	\$15,892	28,099	\$15,997	18,304	\$13,385	29,723	\$16,260
ROBESON	***	***	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	4,031,660	\$2,543,786	7,173,036	\$4,091,829	4,497,879	\$3,402,560	4,402,877	\$2,515,137
UNION	0	\$0	0	\$0	0	\$0	0	\$0
UNKNOWN	0	\$0	0	\$0	0	\$0	0	\$0
WAKE	***	***	***	***	***	***	***	***
WASHINGTON	457,383	\$471,216	727,822	\$517,718	***	***	47,564	\$57,993
WAYNE	***	***	***	***	***	***	0	\$0
Total Confidential	148,975	\$50,921	288,942	\$171,441	192,911	\$146,580	63,062	\$81,080
Total	228,570,476	\$109,094,804	191,122,426	\$105,695,138	175,936,245	\$110,584,010	192,907,790	\$91,328,802

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1993		1992		1991		1990	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	4,918,238	\$2,272,079	2,108,611	\$1,170,303	4,377,009	\$1,989,928	5,556,306	\$2,493,771
BERTIE	***	***	***	***	153,827	\$16,774	166,260	\$33,104
BLADEN	***	***	***	***	***	***	***	***
BRUNSWICK	2,396,479	\$3,567,143	2,295,970	\$3,505,909	2,653,153	\$3,802,878	2,994,535	\$4,594,695
CAMDEN	90,788	\$45,678	***	***	***	***	665,256	\$140,918
CARTERET	89,947,140	\$18,309,071	78,968,484	\$16,506,222	136,587,982	\$22,665,854	101,254,152	\$22,683,982
CHOWAN	2,434,738	\$510,823	3,858,334	\$779,232	3,498,293	\$539,760	2,396,190	\$491,418
COLUMBUS	***	***	***	***	0	\$0	0	\$0
CRAVEN	581,414	\$311,401	597,943	\$293,949	864,408	\$325,093	***	***
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	1,295,049	\$476,743	1,995,809	\$553,806	2,190,552	\$850,324	1,731,874	\$618,699
DARE	34,035,050	\$14,040,502	29,904,877	\$13,008,123	22,850,723	\$11,160,676	22,913,372	\$14,038,249
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	9,180	\$2,151	154,549	\$15,458	***	***	***	***
HYDE	12,189,360	\$6,131,467	11,970,320	\$6,089,075	15,183,668	\$7,753,016	15,028,053	\$7,239,892
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	1,954,103	\$2,847,124	1,751,694	\$2,520,307	2,026,266	\$2,552,618	2,405,520	\$3,283,629
ONSLow	3,506,305	\$4,388,078	2,722,744	\$2,809,277	4,067,256	\$4,217,004	4,166,198	\$4,605,631
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	5,705,948	\$4,932,715	7,081,927	\$5,946,775	10,119,620	\$7,660,184	10,342,871	\$7,774,458
PASQUOTANK	6,780,917	\$3,237,332	6,967,831	\$2,688,331	3,868,682	\$1,202,734	2,973,731	\$969,460
PENDER	1,483,311	\$1,873,426	1,006,837	\$1,176,446	1,277,035	\$1,423,856	1,142,231	\$1,295,114
PERQUIMANS	8,996	\$2,112	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	2,887,573	\$1,472,192	2,064,389	\$759,571	***	***	639,345	\$253,359
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
WAYNE	0	\$0	0	\$0	0	\$0	0	\$0
Total Confidential	472,887	\$183,755	979,502	\$201,860	2,756,831	\$614,804	383,027	\$133,830
Total	170,697,476	\$64,603,792	154,429,821	\$58,024,644	212,641,148	\$66,787,706	174,992,869	\$70,692,290

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1989		1988		1987		1986	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	2,632,337	\$1,675,668	4,069,784	\$2,528,514	3,296,819	\$1,550,486	3,299,166	\$2,123,922
BERTIE	249,986	\$47,008	465,794	\$68,891	***	***	1,079,174	\$158,461
BLADEN	***	***	0	\$0	0	\$0	***	***
BRUNSWICK	2,407,619	\$3,914,181	2,051,142	\$3,116,662	1,943,686	\$3,058,356	2,108,991	\$3,309,899
CAMDEN	1,703,198	\$391,001	***	***	***	***	***	***
CARTERET	93,410,724	\$25,431,593	109,943,042	\$26,105,193	85,811,501	\$22,790,252	98,899,661	\$24,478,964
CHOWAN	3,012,743	\$686,692	5,155,562	\$873,512	4,862,409	\$895,859	6,999,375	\$872,745
COLUMBUS	0	\$0	0	\$0	***	***	***	***
CRAVEN	***	***	***	***	457,640	\$163,260	688,710	\$218,442
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	2,447,521	\$722,743	1,723,722	\$531,990	2,024,397	\$489,706	1,742,901	\$390,934
DARE	24,739,171	\$15,597,018	30,682,803	\$16,698,565	28,781,569	\$15,892,184	27,208,180	\$12,331,686
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
HYDE	13,925,983	\$6,819,235	13,395,274	\$7,698,443	8,922,881	\$4,829,627	5,238,109	\$3,734,769
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	54,000	\$9,150
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	2,058,831	\$2,918,980	1,277,604	\$1,963,640	1,476,499	\$2,828,109	1,556,849	\$2,057,497
ONSLow	3,431,810	\$4,085,663	2,894,257	\$3,757,805	2,129,130	\$2,379,833	2,481,480	\$2,539,348
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	9,457,998	\$8,312,504	14,510,649	\$11,504,691	11,089,384	\$8,334,103	10,734,563	\$8,858,206
PASQUOTANK	3,170,757	\$1,375,860	2,468,098	\$803,244	2,397,102	\$719,737	2,788,966	\$619,169
PENDER	831,723	\$1,078,680	932,465	\$1,096,553	673,873	\$733,242	837,800	\$764,814
PERQUIMANS	***	***	***	***	***	***	***	***
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	1,185,008	\$730,988	1,459,083	\$552,078	2,724,132	\$930,477	1,858,472	\$554,089
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	251,963	\$39,651	***	***	***	***	518,625	\$121,883
WAYNE	0	\$0	0	\$0	0	\$0	0	\$0
Total Confidential	280,107	\$130,142	1,663,897	\$456,973	732,897	\$112,055	27,303	\$20,753
Total	165,197,479	\$73,957,607	192,693,176	\$77,756,754	157,323,919	\$65,707,286	168,881,625	\$63,230,849

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1985		1984		1983		1982	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	5,309,486	\$2,776,841	6,260,734	\$2,109,096	4,729,171	\$1,944,485	5,552,376	\$2,446,716
BERTIE	***	***	1,002,168	\$108,705	1,085,024	\$115,925	1,328,498	\$128,274
BLADEN	0	\$0	6,908	\$3,882	***	***	0	\$0
BRUNSWICK	1,854,634	\$2,435,251	12,405,410	\$4,248,812	46,484,504	\$5,647,185	105,751,534	\$6,791,497
CAMDEN	***	***	0	\$0	***	***	***	***
CARTERET	133,175,357	\$22,707,433	185,268,781	\$21,299,023	167,199,484	\$21,620,473	116,427,330	\$20,028,014
CHOWAN	9,622,835	\$991,933	5,280,668	\$666,081	4,911,080	\$519,941	7,089,979	\$727,144
COLUMBUS	0	\$0	54,528	\$20,942	62,692	\$23,386	0	\$0
CRAVEN	857,433	\$342,586	558,570	\$204,978	485,140	\$268,372	59,853	\$101,171
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	899,559	\$190,117	665,361	\$178,999	1,493,431	\$371,745	2,319,182	\$487,810
DARE	27,389,079	\$13,308,344	28,054,470	\$10,845,759	27,018,184	\$9,387,301	32,476,683	\$12,998,991
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	1,211,850	\$75,179	***	***	256,147	\$25,484	1,423,916	\$98,890
HYDE	7,479,009	\$4,470,615	10,121,620	\$3,286,808	9,190,366	\$3,632,096	9,537,139	\$3,457,336
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	105,834	\$16,968	128,041	\$22,279	73,140	\$14,058	98,207	\$16,472
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	1,039,237	\$1,173,873	1,601,163	\$1,869,010	1,551,832	\$1,610,953	2,223,125	\$2,460,660
ONSLow	3,039,006	\$2,905,366	2,829,568	\$3,217,880	2,995,544	\$3,005,742	4,078,931	\$4,346,447
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	15,301,487	\$11,082,686	17,564,259	\$7,112,074	14,022,233	\$7,134,653	14,020,197	\$7,687,936
PASQUOTANK	2,264,278	\$507,090	900,456	\$253,382	2,735,308	\$657,014	***	***
PENDER	838,861	\$843,139	936,242	\$1,073,338	729,642	\$808,587	1,055,175	\$1,087,334
PERQUIMANS	465,506	\$91,857	***	***	***	***	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	1,731,373	\$442,711	1,503,822	\$455,028	1,637,102	\$455,471	1,535,758	\$361,359
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	672,964	\$62,236	1,480,419	\$191,421	827,738	\$95,659	1,138,728	\$150,258
WAYNE	0	\$0	0	\$0	0	\$0	0	\$0
Total Confidential	1,616,300	\$168,641	545,803	\$95,571	245,068	\$86,455	1,609,504	\$413,890
Total	214,874,088	\$64,592,866	277,168,991	\$57,263,068	287,732,830	\$57,424,985	307,967,923	\$63,823,852

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1981		1980		1979		1978	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	6,895,157	\$2,006,372	6,867,847	\$2,732,881	7,147,150	\$1,941,975	4,736,063	\$1,525,129
BERTIE	1,239,711	\$118,586	1,507,313	\$120,242	1,752,034	\$174,717	2,234,582	\$133,638
BLADEN	0	\$0	0	\$0	0	\$0	0	\$0
BRUNSWICK	164,743,964	\$8,970,536	72,507,742	\$6,515,337	85,555,801	\$5,746,083	94,461,695	\$5,762,468
CAMDEN	0	\$0	0	\$0	0	\$0	0	\$0
CARTERET	177,208,124	\$17,406,837	181,156,111	\$23,307,684	218,540,649	\$21,396,881	139,365,478	\$14,527,552
CHOWAN	3,875,757	\$540,154	5,837,756	\$527,714	4,659,482	\$467,946	5,427,526	\$498,335
COLUMBUS	0	\$0	0	\$0	0	\$0	0	\$0
CRAVEN	115,960	\$33,127	206,261	\$43,747	160,471	\$35,463	42,300	\$8,638
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	1,178,710	\$253,846	486,548	\$125,989	920,208	\$212,209	1,006,234	\$267,836
DARE	39,421,902	\$12,892,976	41,585,041	\$13,731,161	34,562,545	\$12,987,797	22,562,451	\$9,083,654
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	730,038	\$46,491	1,043,865	\$73,353	0	\$0	0	\$0
HYDE	10,251,802	\$2,956,529	13,055,684	\$4,181,970	8,014,483	\$2,040,360	8,327,769	\$1,885,751
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	131,124	\$22,375	178,517	\$37,576	301,785	\$40,809	151,050	\$6,091
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	2,416,735	\$2,168,425	3,140,795	\$2,770,507	3,000,611	\$2,535,326	1,039,871	\$782,429
ONSLow	2,377,552	\$1,993,147	4,092,464	\$3,385,907	3,472,332	\$3,066,936	1,623,357	\$899,741
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	17,329,190	\$6,710,365	21,380,720	\$9,736,730	19,525,274	\$6,573,003	15,412,700	\$4,317,501
PASQUOTANK	***	***	344,835	\$186,528	349,483	\$162,067	591,469	\$206,447
PENDER	684,544	\$622,902	1,144,164	\$961,309	793,467	\$720,476	296,214	\$136,792
PERQUIMANS	***	***	149,366	\$16,422	86,050	\$6,550	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	1,466,183	\$327,955	976,122	\$228,303	1,250,187	\$276,583	1,729,385	\$440,298
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	824,698	\$134,625	531,655	\$100,150	380,072	\$68,884	533,203	\$126,565
WAYNE	0	\$0	0	\$0	0	\$0	0	\$0
Total Confidential	1,114,732	\$314,762	0	\$0	0	\$0	0	\$0
Total	432,005,883	\$57,520,010	356,192,806	\$68,783,510	390,472,084	\$58,454,065	299,541,347	\$40,608,865

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1977		1976		1975		1974	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	5,864,808	\$1,983,389	5,964,262	\$2,202,949	3,802,110	\$916,736	3,437,377	\$733,580
BERTIE	1,604,374	\$81,238	2,214,413	\$118,241	1,540,042	\$64,246	902,347	\$41,339
BLADEN	0	\$0	0	\$0	0	\$0	0	\$0
BRUNSWICK	67,319,250	\$2,332,580	74,949,763	\$3,415,740	86,944,826	\$2,764,349	44,906,656	\$1,884,041
CAMDEN	0	\$0	0	\$0	0	\$0	0	\$0
CARTERET	121,281,802	\$10,367,106	93,212,768	\$9,329,389	100,941,760	\$7,062,131	110,276,372	\$7,536,820
CHOWAN	8,256,173	\$684,251	5,377,678	\$475,161	5,475,228	\$412,675	6,985,110	\$491,881
COLUMBUS	0	\$0	0	\$0	0	\$0	0	\$0
CRAVEN	7,903	\$1,263	25,979	\$6,278	14,070	\$3,619	27,100	\$4,805
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	637,407	\$126,901	530,085	\$119,870	262,416	\$105,497	430,458	\$103,398
DARE	18,412,125	\$5,035,096	20,122,591	\$5,017,852	15,951,759	\$3,285,932	13,905,356	\$2,480,926
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	4,993,276	\$1,604,012	2,875,720	\$938,959	3,203,818	\$769,914	3,663,667	\$924,528
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	169,677	\$20,018	124,692	\$20,887	227,034	\$21,017	142,277	\$12,552
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	776,972	\$304,723	671,916	\$316,605	749,810	\$322,226	882,617	\$323,435
ONSLow	1,431,849	\$846,685	1,676,625	\$976,509	1,752,615	\$842,229	1,548,851	\$660,758
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	12,024,886	\$4,484,026	10,830,259	\$3,954,003	9,164,029	\$2,536,257	7,281,038	\$1,864,885
PASQUOTANK	256,462	\$91,936	453,397	\$127,018	196,068	\$54,725	298,423	\$56,017
PENDER	227,005	\$60,158	101,088	\$65,738	107,758	\$60,213	214,553	\$46,727
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	1,001,559	\$240,111	748,719	\$200,422	765,776	\$143,105	778,441	\$92,719
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	485,057	\$110,942	597,280	\$123,663	604,372	\$87,806	368,559	\$66,026
WAYNE	0	\$0	0	\$0	0	\$0	0	\$0
Total Confidential	0	\$0	0	\$0	0	\$0	0	\$0
Total	244,750,585	\$28,374,435	220,477,235	\$27,409,284	231,703,491	\$19,452,677	196,049,202	\$17,324,437

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1973		1972		1971		1970	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	2,971,873	\$773,498	2,790,289	\$589,440	4,219,500	\$612,744	0	\$0
BERTIE	1,998,488	\$67,107	3,011,901	\$59,270	2,889,300	\$54,297	0	\$0
BLADEN	0	\$0	0	\$0	0	\$0	0	\$0
BRUNSWICK	40,568,944	\$2,566,849	60,075,470	\$1,602,702	48,059,000	\$1,397,172	0	\$0
CAMDEN	0	\$0	0	\$0	0	\$0	0	\$0
CARTERET	54,932,175	\$6,528,120	72,359,105	\$4,958,032	53,979,300	\$3,945,222	1,925,735	\$9,631
CHOWAN	7,555,810	\$473,071	9,821,572	\$411,212	10,321,600	\$381,084	0	\$0
COLUMBUS	0	\$0	0	\$0	0	\$0	0	\$0
CRAVEN	28,126	\$4,943	15,995	\$2,990	37,000	\$5,125	0	\$0
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	87,562	\$15,677	204,695	\$27,460	238,300	\$20,455	0	\$0
DARE	11,699,304	\$2,175,304	9,565,406	\$1,505,273	9,066,800	\$1,489,186	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	2,224,540	\$615,937	2,448,435	\$531,414	2,944,100	\$913,614	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	85,240	\$3,274	92,366	\$2,721	674,700	\$10,582	0	\$0
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	558,105	\$251,136	582,616	\$216,322	582,800	\$209,442	0	\$0
ONslow	1,536,401	\$701,340	1,487,021	\$522,516	1,117,400	\$419,359	0	\$0
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	4,439,458	\$1,533,697	3,750,526	\$1,145,027	4,999,700	\$1,510,326	0	\$0
PASQUOTANK	186,485	\$28,883	175,220	\$23,695	168,700	\$22,566	0	\$0
PENDER	180,193	\$36,588	181,998	\$31,199	138,500	\$35,482	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	1,130,395	\$146,384	1,068,159	\$131,449	1,656,000	\$146,645	0	\$0
UNION	0	\$0	0	\$0	0	\$0	0	\$0
UNKNOWN	0	\$0	0	\$0	2,086,300	\$10,532	171,715,800	\$9,356,214
WAKE	0	\$0	0	\$0	0	\$0	0	\$0
WASHINGTON	269,563	\$32,824	270,786	\$38,117	295,800	\$43,429	0	\$0
WAYNE	0	\$0	0	\$0	0	\$0	0	\$0
Total Confidential	0	\$0	0	\$0	0	\$0	0	\$0
Total	130,452,662	\$15,954,632	167,901,560	\$11,798,839	143,474,800	\$11,227,262	173,641,535	\$9,365,845

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1969		1968		1967		1966	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	0	\$0	3,937,300	\$556,967	0	\$0	3,855,800	\$455,482
BERTIE	0	\$0	5,132,900	\$81,920	0	\$0	4,395,100	\$55,250
BLADEN	0	\$0	0	\$0	0	\$0	0	\$0
BRUNSWICK	0	\$0	37,122,400	\$787,366	0	\$0	12,053,800	\$719,352
CAMDEN	0	\$0	0	\$0	0	\$0	0	\$0
CARTERET	0	\$0	151,741,700	\$4,242,415	5,497,600	\$27,498	49,202,410	\$4,915,113
CHOWAN	0	\$0	10,650,600	\$354,571	0	\$0	9,671,200	\$312,630
COLUMBUS	0	\$0	0	\$0	0	\$0	0	\$0
CRAVEN	0	\$0	50,900	\$5,311	0	\$0	69,800	\$10,847
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	0	\$0	370,600	\$32,533	0	\$0	143,700	\$12,825
DARE	0	\$0	10,548,900	\$1,340,447	0	\$0	11,401,400	\$989,628
DAVIDSON	0	\$0	0	\$0	0	\$0	0	\$0
DAVIE	0	\$0	1,100	\$164	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	11,700	\$1,292	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	0	\$0	3,311,600	\$574,707	0	\$0	3,384,800	\$305,954
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	800,800	\$12,014	0	\$0	0	\$0
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	0	\$0	324,400	\$81,597	0	\$0	508,600	\$105,609
ONSLow	0	\$0	1,024,400	\$292,886	0	\$0	1,493,300	\$290,140
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	0	\$0	4,456,500	\$973,529	0	\$0	7,520,400	\$1,205,698
PASQUOTANK	0	\$0	302,500	\$39,915	0	\$0	184,500	\$26,840
PENDER	0	\$0	172,600	\$33,797	0	\$0	286,900	\$39,607
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	0	\$0	1,340,000	\$130,907	0	\$0	675,100	\$80,263
UNION	0	\$0	0	\$0	0	\$0	0	\$0
UNKNOWN	126,925,980	\$12,525,421	1,500	\$44	115,245,370	\$8,300,309	0	\$0
WAKE	0	\$0	0	\$0	0	\$0	0	\$0
WASHINGTON	0	\$0	876,500	\$162,159	0	\$0	330,500	\$45,703
WAYNE	0	\$0	0	\$0	0	\$0	0	\$0
Total Confidential	0	\$0	0	\$0	0	\$0	0	\$0
Total	126,925,980	\$12,525,421	232,178,900	\$9,704,541	120,742,970	\$8,327,807	105,177,310	\$9,570,941

Table 34. Commercial seafood landings by county of landing from 1962 to 2005 (*) indicates confidential data) (continued).**

County	1965		1964		1963		1962	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	5,577,600	\$492,164	4,415,700	\$407,615	3,892,800	\$302,119	3,186,800	\$352,262
BERTIE	4,514,100	\$53,479	1,447,100	\$24,012	6,883,700	\$79,005	6,688,500	\$76,946
BLADEN	0	\$0	0	\$0	0	\$0	0	\$0
BRUNSWICK	35,000,000	\$981,200	54,061,500	\$961,934	30,010,900	\$614,063	33,589,100	\$760,474
CAMDEN	85,700	\$12,142	131,900	\$17,118	105,500	\$11,364	84,700	\$11,412
CARTERET	50,033,190	\$4,147,297	146,011,600	\$3,599,904	72,893,470	\$3,561,594	110,299,600	\$2,779,185
CHOWAN	8,965,800	\$192,640	5,670,200	\$141,451	7,863,900	\$142,160	7,186,200	\$116,349
COLUMBUS	0	\$0	0	\$0	0	\$0	0	\$0
CRAVEN	177,000	\$30,411	119,400	\$15,529	100,700	\$12,055	145,200	\$20,613
CUMBERLAND	0	\$0	0	\$0	0	\$0	0	\$0
CURRITUCK	259,700	\$23,312	302,700	\$27,408	421,200	\$30,396	310,500	\$28,277
DARE	12,559,500	\$1,372,421	12,695,600	\$1,103,777	9,305,800	\$766,986	8,203,000	\$708,847
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	14,400	\$788	13,000	\$535	6,700	\$332
HYDE	1,883,100	\$269,428	1,653,500	\$256,739	1,443,800	\$208,289	1,135,000	\$370,361
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	630,500	\$8,438	304,000	\$3,725	100,900	\$1,071
MECKLENBURG	0	\$0	0	\$0	0	\$0	0	\$0
NEW HANOVER	708,400	\$116,657	836,000	\$138,609	569,400	\$77,396	726,200	\$106,446
ONslow	1,240,300	\$254,923	1,114,700	\$217,248	969,700	\$176,862	1,041,200	\$193,293
ORANGE	0	\$0	0	\$0	0	\$0	0	\$0
PAMLICO	8,151,500	\$1,137,012	7,866,500	\$955,384	8,573,500	\$894,979	7,767,900	\$1,046,309
PASQUOTANK	271,500	\$35,986	304,600	\$41,247	239,500	\$28,053	205,000	\$27,877
PENDER	235,900	\$29,093	76,700	\$18,681	119,800	\$32,092	105,900	\$48,540
PERQUIMANS	602,000	\$26,476	408,900	\$20,036	425,000	\$17,200	261,100	\$14,672
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	319,600	\$38,174	283,300	\$36,560	612,200	\$63,023	657,600	\$65,971
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	318,600	\$28,539	534,400	\$30,574	404,900	\$25,004	683,100	\$26,090
WAYNE	0	\$0	0	\$0	0	\$0	0	\$0
Total Confidential	0	\$0	0	\$0	0	\$0	0	\$0
Total	130,903,490	\$9,241,354	238,579,200	\$8,023,052	145,152,770	\$7,046,900	182,384,200	\$6,755,327

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005.

County	Dealer City	2005		2004	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	665,012	\$452,202	722,137	\$421,678
	Bath	2,427,207	\$1,720,608	2,281,005	\$1,476,515
	Beaufort Other	0	\$0	0	\$0
	Belhaven	1,375,983	\$1,079,862	1,858,808	\$1,477,160
	Washington	264,950	\$245,006	350,229	\$292,784
BERTIE	Bertie Other	***	***	28,383	\$11,119
BRUNSWICK	Brunswick Other	16,577	\$32,053	17,457	\$36,378
	Calabash	175,420	\$157,836	206,789	\$202,708
	Shalotte	1,102,926	\$1,943,986	1,448,947	\$2,306,631
	Southport	726,214	\$1,248,342	719,244	\$1,228,846
CAMDEN	Camden Other	0	\$0	0	\$0
	Shiloh	2,092,856	\$1,666,362	2,072,470	\$1,834,027
CARTERET	Bogue Banks	148,335	\$264,063	248,903	\$419,247
	Carteret Other	475,535	\$1,224,393	655,142	\$1,593,030
	Downeast Communities	3,088,354	\$2,788,904	4,785,247	\$4,039,412
	Morehead City/Beaufort	14,950,569	\$6,201,886	54,767,053	\$12,446,134
	Western Carteret	634,356	\$933,224	622,007	\$966,109
CHOWAN	Chowan Other	110,571	\$55,408	142,230	\$54,297
	Edenton	613,778	\$319,326	466,772	\$247,088
CRAVEN	Craven Other	9,887	\$10,654	23,208	\$20,355
	Havelock	***	***	***	***
	New Bern/Bridgeton	690,080	\$522,806	784,184	\$495,102
CURRITUCK	Central Currituck	19,108	\$26,810	48,092	\$49,501
	Currituck Other	0	\$0	0	\$0
	Knotts Island/Corolla	298,923	\$220,231	873,719	\$617,291
	Moyock/Barco	810,664	\$828,346	933,448	\$786,541
	Southern Currituck	170,164	\$140,380	242,131	\$190,127
DARE	Bodie Island	2,156,738	\$2,847,767	2,237,796	\$2,487,060
	Dare Other	81,059	\$88,521	203,324	\$116,408
	Hatteras Island	3,639,569	\$3,405,803	4,433,374	\$3,216,751
	Mainland Dare	859,995	\$956,567	1,036,278	\$867,163
	Manteo	154,334	\$250,952	310,626	\$254,956
	Wanchese	20,328,928	\$13,623,903	23,167,135	\$13,692,448
HERTFORD	Hertford Other	***	***	***	***
HYDE	Engelhard	4,533,194	\$3,964,538	5,746,911	\$4,876,165
	Hyde Other	9,621	\$24,374	51,636	\$43,436
	Ocracoke	285,879	\$372,534	290,237	\$315,885
	Swan Quarter	1,928,778	\$1,527,811	2,938,561	\$2,524,066
NEW HANOVER	New Hanover Other	0	\$0	0	\$0
	Wilmington Area	1,317,862	\$1,847,023	1,658,837	\$2,103,007
ONSLow	Hubert	189,826	\$265,786	265,135	\$471,645
	Jacksonville	121,992	\$131,803	155,948	\$134,274
	Onslow Other	55,531	\$109,917	69,937	\$110,296
	Sneads Ferry	921,791	\$2,217,345	1,513,434	\$2,887,433
	Swansboro	232,156	\$962,502	342,594	\$1,015,798
PAMLICO	Arapahoe	637,851	\$484,730	807,851	\$702,728
	Bayboro/Alliance/Grantsboro/Stonewall	917,700	\$747,800	1,220,787	\$971,732
	Hobucken/Lowland	869,756	\$1,007,993	1,229,765	\$1,093,618
	Merritt	314,605	\$260,533	495,997	\$377,742
	Oriental	1,329,397	\$1,958,423	2,028,986	\$2,916,476
	Pamlico Other	261	\$653	0	\$0
PASQUOTANK	Vandemere	979,097	\$860,753	1,252,461	\$1,156,749
	Elizabeth City	1,057,464	\$954,897	1,897,746	\$1,541,135
PENDER	Pasquotank Other	0	\$0	0	\$0
	Burgaw	8,850	\$9,147	21,682	\$16,772
	Hampstead	539,564	\$596,704	534,781	\$668,536
	Pender Other	160,317	\$108,644	93,362	\$76,823

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	2005		2004	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,063,408	\$927,136	1,318,462	\$1,153,182
	Perquimans Other	0	\$0	0	\$0
TYRELL	Columbia	2,854,185	\$1,572,739	3,195,837	\$1,781,100
	Tyrell Other	69,211	\$45,916	86,410	\$67,497
WASHINGTON	Plymouth	***	***	***	***
	Roper	550,858	\$505,461	1,046,904	\$720,190
	Washington Other	12,865	\$16,802	11,326	\$15,997
Total	Total	79,116,446	\$64,770,062	134,005,423	\$79,604,196

Footnote: For this table some cities were grouped together in the following combination:

- 1) Bath = Bath and Pinetown.
- 2) Washington = Washington and Chocowinity.
- 3) Belhaven = Belhaven and Pantego.
- 4) Southport = Boiling Spring Lakes, Long Beach, Oak Island, Yaupon Beach and Southport.
- 5) Calabash = Longwood, Ocean Isle, Stantonburg, Sunset, Ash, Sunset Beach and Calabash.
- 6) Shallotte = Bolivia, Holden Beach, Varumtown, Winnabow, Leland, Supply and Shallotte.
- 7) Downeast Communities = Harkers Island, Gloucester, Marshallberg, Atlantic, Sea Level, Davis, Cedar Island, Smyrna, Stacey and Williston.
- 8) Bogue Banks = Atlantic Beach, Emerald Isle, Pine Knoll Shores and Salter Path.
- 9) Western Carteret = Newport, Cape Carteret and Cedar Point.
- 10) Moyock/Barco = Moyock, Shawboro, Currituck, Maple and Barco.
- 11) Central Currituck = Coinjock, Aydlett, Poplar Branch and Grandy.
- 12) Southern Currituck = Jarvisburg, Powells Point, Harbinger and Point Harbor.
- 13) Mainland Dare = Manns Harbor, Stumpy Point and East Lake.
- 14) Hatteras Island = Rodanthe, Waves, Salvo, Avon, Buxton, Frisco and Hatteras.
- 15) Bodie Island = Kill Devil Hills, Nags Head and Kitty Hawk.
- 16) Wilmington Area = Wilmington, Carolina Beach, Castle Hayne, Kure Beach and Wrightsville Beach.
- 17) Burgaw = Burgaw, Atkinson, Currie, Rocky Point and Willard.
- 18) Hampstead = Hampstead, Surf City, Topsaid and Hampton.

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	2003		2002	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	835,399	\$658,704	704,455	\$518,324
	Bath	2,792,802	\$2,285,576	3,065,040	\$2,607,393
	Beaufort Other	0	\$0	0	\$0
	Belhaven	2,183,126	\$1,998,244	2,031,383	\$2,082,487
	Washington	435,885	\$348,072	605,737	\$490,423
BERTIE	Bertie Other	21,820	\$11,566	85,522	\$34,711
BRUNSWICK	Brunswick Other	23,261	\$42,884	28,142	\$57,547
	Calabash	197,980	\$207,816	194,597	\$181,320
	Shalotte	1,315,143	\$2,033,844	1,193,468	\$1,852,812
	Southport	712,937	\$1,175,420	777,667	\$1,219,187
CAMDEN	Camden Other	0	\$0	0	\$0
	Shiloh	3,654,632	\$4,102,430	2,417,663	\$2,927,849
CARTERET	Bogue Banks	323,385	\$619,653	171,314	\$275,784
	Carteret Other	649,546	\$1,255,483	634,078	\$1,037,696
	Downeast Communities	5,339,620	\$4,924,232	5,825,384	\$5,323,214
	Morehead City/Beaufort	52,173,531	\$10,818,984	74,828,227	\$12,114,685
	Western Carteret	677,970	\$1,160,106	604,837	\$998,305
CHOWAN	Chowan Other	205,632	\$76,002	942,148	\$449,909
	Edenton	668,447	\$407,470	***	***
CRAVEN	Craven Other	22,021	\$26,118	977	\$1,093
	Havelock	***	***	51,407	\$55,480
	New Bern/Bridgeton	941,315	\$725,497	821,263	\$684,165
CURRITUCK	Central Currituck	43,584	\$57,698	52,809	\$63,433
	Currituck Other	69,315	\$84,902	779,347	\$785,704
	Knotts Island/Corolla	618,616	\$666,871	806,888	\$902,319
	Moyock/Barco	931,263	\$1,004,662	1,366,122	\$1,536,974
	Southern Currituck	351,389	\$337,189	315,382	\$325,682
DARE	Bodie Island	3,602,681	\$3,663,223	2,959,719	\$3,152,329
	Dare Other	549	\$961	2,800	\$1,690
	Hatteras Island	3,959,901	\$2,648,708	4,440,762	\$3,773,552
	Mainland Dare	1,385,481	\$1,154,332	2,535,915	\$2,001,212
	Manteo	283,493	\$223,292	491,225	\$304,782
	Wanchese	23,299,160	\$12,385,929	18,457,533	\$13,780,157
HERTFORD	Hertford Other	***	***	***	***
HYDE	Engelhard	6,499,468	\$5,411,214	6,846,317	\$6,036,835
	Hyde Other	15,537	\$16,351	224,115	\$184,694
	Ocracoke	348,807	\$361,000	639,745	\$629,217
	Swan Quarter	3,712,144	\$3,033,753	2,934,735	\$2,687,770
NEW HANOVER	New Hanover Other	0	\$0	0	\$0
	Wilmington Area	1,761,029	\$2,610,089	1,781,515	\$2,587,660
ONslow	Hubert	334,591	\$632,378	339,179	\$618,936
	Jacksonville	179,583	\$166,302	214,676	\$212,351
	Onslow Other	98,469	\$133,342	68,357	\$111,546
	Sneads Ferry	2,018,880	\$3,500,880	1,876,074	\$3,593,664
	Swansboro	309,257	\$869,599	439,454	\$976,305
PAMLICO	Arapahoe	568,552	\$575,955	303,857	\$246,482
	Bayboro/Alliance/Grantsboro/Stonewall	1,270,892	\$1,291,504	914,888	\$1,021,522
	Hobucken/Lowland	1,055,032	\$993,059	849,418	\$978,611
	Merritt	345,217	\$337,525	277,673	\$253,541
	Oriental	1,306,216	\$1,724,743	2,373,291	\$3,299,849
	Pamlico Other	0	\$0	26,155	\$15,918
PASQUOTANK	Vandemere	971,527	\$877,749	1,081,557	\$1,205,798
	Elizabeth City	3,239,107	\$3,006,559	3,341,211	\$2,996,948
PENDER	Pasquotank Other	0	\$0	0	\$0
	Burgaw	21,225	\$19,558	8,533	\$9,534
	Hampstead	511,659	\$656,953	404,237	\$605,954
	Pender Other	131,386	\$122,726	125,869	\$105,097

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	2003		2002	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,729,318	\$1,498,605	2,369,701	\$2,374,948
	Perquimans Other	29,000	\$25,920	0	\$0
TYRELL	Columbia	4,146,777	\$3,230,014	3,903,481	\$3,017,906
	Tyrell Other	113,173	\$109,284	63,179	\$75,007
WASHINGTON	Plymouth	***	***	***	***
	Roper	764,910	\$603,986	1,323,498	\$1,139,523
	Washington Other	17,812	\$19,137	28,271	\$30,882
Total	Total	139,256,114	\$86,947,031	160,011,637	\$94,573,792

Footnote: For this table some cities were grouped together in the following combination:

- 1) Bath = Bath and Pinetown.
- 2) Washington = Washington and Chocowinity.
- 3) Belhaven = Belhaven and Pantego.
- 4) Southport = Boiling Spring Lakes, Long Beach, Oak Island, Yaupon Beach and Southport.
- 5) Calabash = Longwood, Ocean Isle, Stantonburg, Sunset, Ash, Sunset Beach and Calabash.
- 6) Shallotte = Bolivia, Holden Beach, Varumtown, Winnabow, Leland, Supply and Shallotte.
- 7) Downeast Communities = Harkers Island, Gloucester, Marshallberg, Atlantic, Sea Level, Davis, Cedar Island, Smyrna, Stacey and Williston.
- 8) Bogue Banks = Atlantic Beach, Emerald Isle, Pine Knoll Shores and Salter Path.
- 9) Western Carteret = Newport, Cape Carteret and Cedar Point.
- 10) Moyock/Barco = Moyock, Shawboro, Currituck, Maple and Barco.
- 11) Central Currituck = Coinjock, Aydlett, Poplar Branch and Grandy.
- 12) Southern Currituck = Jarvisburg, Powells Point, Harbinger and Point Harbor.
- 13) Mainland Dare = Manns Harbor, Stumpy Point and East Lake.
- 14) Hatteras Island = Rodanthe, Waves, Salvo, Avon, Buxton, Frisco and Hatteras.
- 15) Bodie Island = Kill Devil Hills, Nags Head and Kitty Hawk.
- 16) Wilmington Area = Wilmington, Carolina Beach, Castle Hayne, Kure Beach and Wrightsville Beach.
- 17) Burgaw = Burgaw, Atkinson, Currie, Rocky Point and Willard.
- 18) Hampstead = Hampstead, Surf City, Topsaid and Hampton.

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	2001		2000	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	541,172	\$514,354	904,863	\$751,373
	Bath	2,159,658	\$2,022,574	3,069,920	\$2,674,630
	Beaufort Other	0	\$0	48	\$93
	Belhaven	1,714,751	\$2,027,910	3,019,846	\$3,407,799
	Washington	360,902	\$341,551	399,786	\$322,452
BERTIE	Bertie Other	74,534	\$29,393	109,037	\$46,188
BRUNSWICK	Brunswick Other	27,180	\$41,059	38,212	\$43,831
	Calabash	319,244	\$263,742	310,155	\$282,036
	Shalotte	1,202,364	\$2,028,507	1,083,933	\$2,142,022
	Southport	877,132	\$1,366,819	1,183,452	\$1,832,752
CAMDEN	Camden Other	1,939	\$1,893	677	\$1,142
	Shiloh	2,306,973	\$2,687,183	2,768,148	\$3,330,128
CARTERET	Bogue Banks	170,989	\$256,790	230,935	\$399,109
	Carteret Other	722,723	\$1,248,874	1,419,403	\$2,514,745
	Downeast Communities	6,702,383	\$6,055,886	6,607,522	\$6,451,659
	Morehead City/Beaufort	58,108,076	\$10,180,492	60,126,503	\$10,129,382
	Western Carteret	489,794	\$1,048,125	620,412	\$1,264,414
CHOWAN	Chowan Other	1,036,071	\$440,313	1,566,293	\$697,358
	Edenton	***	***	***	***
CRAVEN	Craven Other	2,047	\$1,311	1,552	\$981
	Havelock	45,555	\$50,158	41,557	\$47,487
	New Bern/Bridgeton	707,718	\$576,613	626,166	\$500,058
CURRITUCK	Central Currituck	49,406	\$85,598	246,739	\$252,513
	Currituck Other	244,511	\$308,847	0	\$0
	Knotts Island/Corolla	566,552	\$464,927	585,936	\$493,457
	Moyock/Barco	891,361	\$860,378	911,661	\$936,317
	Southern Currituck	302,953	\$330,824	329,918	\$338,856
DARE	Bodie Island	3,207,550	\$4,336,750	3,666,811	\$4,041,645
	Dare Other	65,879	\$58,707	91,744	\$88,309
	Hatteras Island	6,137,847	\$3,792,836	6,375,298	\$4,332,492
	Mainland Dare	3,106,524	\$2,799,136	2,703,998	\$2,579,434
	Manteo	445,784	\$276,897	554,412	\$345,236
	Wanchese	18,587,411	\$13,594,644	20,007,263	\$15,028,660
HERTFORD	Hertford Other	***	***	28,013	\$11,379
HYDE	Engelhard	5,712,011	\$4,788,683	6,693,628	\$7,277,343
	Hyde Other	473,192	\$474,429	852,308	\$733,044
	Ocracoke	720,304	\$669,074	910,887	\$765,090
	Swan Quarter	2,158,817	\$2,248,717	3,457,594	\$3,863,074
NEW HANOVER	New Hanover Other	0	\$0	0	\$0
	Wilmington Area	1,660,434	\$2,393,864	1,746,549	\$2,513,563
ONSLow	Hubert	427,931	\$819,019	476,976	\$704,608
	Jacksonville	217,378	\$227,832	208,797	\$200,678
	Onslow Other	56,352	\$105,508	78,595	\$136,675
	Sneads Ferry	1,681,428	\$3,355,944	1,946,138	\$4,506,912
	Swansboro	388,320	\$933,628	321,315	\$904,465
PAMLICO	Arapahoe	391,278	\$361,026	870,223	\$738,166
	Bayboro/Alliance/Grantsboro/Stonewall	643,455	\$871,613	889,524	\$1,217,319
	Hobucken/Lowland	734,473	\$965,041	1,733,744	\$2,394,029
	Merritt	380,009	\$348,538	398,930	\$380,272
	Oriental	1,797,898	\$2,611,684	3,240,971	\$5,562,616
	Pamlico Other	1,700	\$2,220	1,621,286	\$2,184,577
PASQUOTANK	Vandemere	994,750	\$1,289,044	***	***
	Elizabeth City	1,979,675	\$2,093,436	2,278,629	\$2,419,462
	Pasquotank Other	0	\$0	0	\$0
PENDER	Burgaw	6,191	\$4,708	***	***
	Hampstead	436,887	\$719,590	480,155	\$786,797
	Pender Other	96,975	\$69,140	96,461	\$66,894

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	2001		2000	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,623,054	\$1,704,309	1,718,345	\$1,804,635
	Perquimans Other	0	\$0	0	\$0
TYRELL	Columbia	2,944,281	\$2,462,842	3,753,983	\$3,056,015
	Tyrell Other	88,200	\$149,453	6,987	\$12,109
WASHINGTON	Plymouth	36,632	\$46,340	33,739	\$28,597
	Roper	***	***	667,439	\$632,844
	Washington Other	164,212	\$163,543	0	\$0
Total	Total	137,033,046	\$87,986,385	154,113,414	\$108,177,724

Footnote: For this table some cities were grouped together in the following combination:

- 1) Bath = Bath and Pinetown.
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- 4) Southport = Boiling Spring Lakes, Long Beach, Oak Island, Yaupon Beach and Southport.
- 5) Calabash = Longwood, Ocean Isle, Stantonburg, Sunset, Ash, Sunset Beach and Calabash.
- 6) Shallotte = Bolivia, Holden Beach, Varumtown, Winnabow, Leland, Supply and Shallotte.
- 7) Downeast Communities = Harkers Island, Gloucester, Marshallberg, Atlantic, Sea Level, Davis, Cedar Island, Smyrna, Stacey and Williston.
- 8) Bogue Banks = Atlantic Beach, Emerald Isle, Pine Knoll Shores and Salter Path.
- 9) Western Carteret = Newport, Cape Carteret and Cedar Point.
- 10) Moyock/Barco = Moyock, Shawboro, Currituck, Maple and Barco.
- 11) Central Currituck = Coinjock, Aydlett, Poplar Branch and Grandy.
- 12) Southern Currituck = Jarvisburg, Powells Point, Harbinger and Point Harbor.
- 13) Mainland Dare = Manns Harbor, Stumpy Point and East Lake.
- 14) Hatteras Island = Rodanthe, Waves, Salvo, Avon, Buxton, Frisco and Hatteras.
- 15) Bodie Island = Kill Devil Hills, Nags Head and Kitty Hawk.
- 16) Wilmington Area = Wilmington, Carolina Beach, Castle Hayne, Kure Beach and Wrightsville Beach.
- 17) Burgaw = Burgaw, Atkinson, Currie, Rocky Point and Willard.
- 18) Hampstead = Hampstead, Surf City, Topsaid and Hampton.

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	1999		1998	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	1,811,609	\$1,055,452	1,584,846	\$1,139,182
	Bath	5,009,981	\$3,193,646	4,326,757	\$3,482,070
	Beaufort Other	551	\$1,238	0	\$0
	Belhaven	3,573,775	\$2,815,125	3,844,337	\$3,111,937
	Washington	424,655	\$305,417	348,974	\$281,828
BERTIE	Bertie Other	147,642	\$62,508	***	***
BRUNSWICK	Brunswick Other	55,407	\$46,308	58,028	\$60,433
	Calabash	180,390	\$190,515	109,291	\$148,770
	Shalotte	1,654,414	\$3,590,549	1,516,085	\$3,029,471
	Southport	1,074,333	\$1,482,728	1,323,950	\$1,613,970
CAMDEN	Camden Other	850	\$1,364	1,287	\$1,757
	Shiloh	2,023,684	\$1,527,574	1,690,586	\$1,531,945
CARTERET	Bogue Banks	171,127	\$281,076	155,162	\$361,989
	Carteret Other	1,492,479	\$2,173,426	1,178,341	\$1,638,970
	Downeast Communities	8,505,994	\$6,802,935	11,150,347	\$7,464,117
	Morehead City/Beaufort	46,184,843	\$8,923,702	67,708,929	\$10,782,998
	Western Carteret	772,595	\$1,252,328	816,487	\$1,129,066
CHOWAN	Chowan Other	1,394,165	\$685,536	1,801,899	\$918,753
	Edenton	***	***	***	***
CRAVEN	Craven Other	240	\$139	1,987	\$1,617
	Havelock	58,254	\$51,076	89,652	\$69,244
	New Bern/Bridgeton	819,088	\$592,972	747,384	\$558,106
CURRITUCK	Central Currituck	250,805	\$179,344	121,462	\$127,212
	Currituck Other	0	\$0	0	\$0
	Knotts Island/Corolla	802,992	\$492,421	529,592	\$451,107
	Moyock/Barco	1,007,356	\$781,655	1,334,668	\$1,145,287
	Southern Currituck	311,024	\$245,121	159,385	\$144,004
DARE	Bodie Island	4,582,150	\$3,620,502	5,147,692	\$4,484,658
	Dare Other	433,796	\$340,962	330,763	\$281,157
	Hatteras Island	7,696,601	\$4,811,177	11,719,734	\$5,598,455
	Mainland Dare	2,861,945	\$1,882,431	3,513,407	\$2,629,909
	Manteo	470,994	\$261,293	521,316	\$237,963
	Wanchese	17,880,179	\$11,943,476	15,652,536	\$10,509,559
HERTFORD	Hertford Other	60,776	\$23,118	60,557	\$22,062
HYDE	Engelhard	8,192,387	\$6,992,006	6,571,768	\$4,588,264
	Hyde Other	1,415,649	\$817,300	413,086	\$255,372
	Ocracoke	1,102,184	\$639,321	1,255,584	\$779,155
	Swan Quarter	4,703,877	\$4,015,875	7,559,223	\$5,047,022
NEW HANOVER	New Hanover Other	0	\$0	0	\$0
	Wilmington Area	2,072,789	\$2,910,043	2,042,606	\$2,899,081
ONslow	Hubert	259,334	\$464,395	340,001	\$552,988
	Jacksonville	229,320	\$219,527	147,132	\$153,838
	Onslow Other	80,529	\$124,554	60,551	\$86,163
	Sneads Ferry	1,815,679	\$4,124,617	1,771,930	\$3,684,682
	Swansboro	305,859	\$755,153	352,272	\$749,129
PAMLICO	Arapahoe	1,591,898	\$1,090,953	1,540,663	\$1,109,377
	Bayboro/Alliance/Grantsboro/Stonewall	1,205,681	\$1,343,665	1,127,544	\$1,003,482
	Hobucken/Lowland	2,222,878	\$2,127,104	2,299,479	\$1,920,105
	Merritt	444,599	\$322,428	254,570	\$208,382
	Oriental	3,454,117	\$3,970,650	3,640,626	\$3,474,595
	Pamlico Other	20,674	\$18,107	78,545	\$102,805
	Vandemere	2,111,041	\$1,810,461	1,527,472	\$1,429,627
PASQUOTANK	Elizabeth City	2,562,695	\$1,938,687	3,823,233	\$3,498,656
	Pasquotank Other	0	\$0	0	\$0
PENDER	Burgaw	***	***	12,574	\$25,719
	Hampstead	596,315	\$756,696	507,265	\$711,437
	Pender Other	54,544	\$51,137	15,200	\$32,505

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	1999		1998	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	2,273,451	\$1,938,768	1,911,045	\$1,819,887
	Perquimans Other	0	\$0	0	\$0
TYRELL	Columbia	4,415,173	\$2,858,316	4,734,160	\$3,299,908
	Tyrell Other	12,537	\$16,840	16,426	\$29,833
WASHINGTON	Plymouth	28,124	\$30,829	***	***
	Roper	***	***	***	***
	Washington Other	722,901	\$583,160	434,161	\$404,801
Total	Total	153,608,928	\$99,537,705	180,097,140	\$100,895,549

Footnote: For this table some cities were grouped together in the following combination:

- 1) Bath = Bath and Pinetown.
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- 4) Southport = Boiling Spring Lakes, Long Beach, Oak Island, Yaupon Beach and Southport.
- 5) Calabash = Longwood, Ocean Isle, Stantonburg, Sunset, Ash, Sunset Beach and Calabash.
- 6) Shallotte = Bolivia, Holden Beach, Varumtown, Winnabow, Leland, Supply and Shallotte.
- 7) Downeast Communities = Harkers Island, Gloucester, Marshallberg, Atlantic, Sea Level, Davis, Cedar Island, Smyrna, Stacey and Williston.
- 8) Bogue Banks = Atlantic Beach, Emerald Isle, Pine Knoll Shores and Salter Path.
- 9) Western Carteret = Newport, Cape Carteret and Cedar Point.
- 10) Moyock/Barco = Moyock, Shawboro, Currituck, Maple and Barco.
- 11) Central Currituck = Coinjock, Aydlett, Poplar Branch and Grandy.
- 12) Southern Currituck = Jarvisburg, Powells Point, Harbinger and Point Harbor.
- 13) Mainland Dare = Manns Harbor, Stumpy Point and East Lake.
- 14) Hatteras Island = Rodanthe, Waves, Salvo, Avon, Buxton, Frisco and Hatteras.
- 15) Bodie Island = Kill Devil Hills, Nags Head and Kitty Hawk.
- 16) Wilmington Area = Wilmington, Carolina Beach, Castle Hayne, Kure Beach and Wrightsville Beach.
- 17) Burgaw = Burgaw, Atkinson, Currie, Rocky Point and Willard.
- 18) Hampstead = Hampstead, Surf City, Topsaid and Hampton.

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	1997		1996	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	2,310,956	\$1,435,402	2,835,414	\$1,687,462
	Bath	4,549,864	\$3,100,396	5,214,989	\$3,919,132
	Beaufort Other	0	\$0	0	\$0
	Belhaven	4,527,252	\$3,486,721	5,460,492	\$3,853,853
	Washington	342,882	\$250,152	343,189	\$312,870
BERTIE	Bertie Other	***	***	***	***
BRUNSWICK	Brunswick Other	48,672	\$68,374	40,626	\$45,264
	Calabash	164,868	\$249,480	194,723	\$296,041
	Shalotte	1,187,919	\$2,519,172	1,193,407	\$2,510,670
	Southport	1,407,380	\$1,808,967	1,371,535	\$1,759,391
CAMDEN	Camden Other	1,184	\$1,772	21,006	\$10,195
	Shiloh	1,357,184	\$928,668	1,019,830	\$711,447
CARTERET	Bogue Banks	172,028	\$381,493	133,691	\$320,875
	Carteret Other	1,584,398	\$2,509,174	1,793,887	\$2,851,199
	Downeast Communities	12,085,320	\$8,992,176	9,233,662	\$8,934,417
	Morehead City/Beaufort	114,225,237	\$15,962,372	63,417,307	\$10,047,087
CHOWAN	Western Carteret	763,617	\$1,273,666	672,135	\$1,072,337
	Chowan Other	1,612,346	\$866,035	2,045,417	\$1,052,106
CRAVEN	Edenton	***	***	***	***
	Craven Other	88,092	\$85,820	168,351	\$171,829
	Havelock	***	***	***	***
CURRITUCK	New Bern/Bridgeton	672,128	\$533,702	794,074	\$547,530
	Central Currituck	163,858	\$112,174	333,380	\$200,282
	Currituck Other	0	\$0	0	\$0
	Knotts Island/Corolla	494,645	\$391,656	346,497	\$226,607
	Moyock/Barco	1,297,161	\$1,048,929	1,812,934	\$1,330,157
DARE	Southern Currituck	153,341	\$144,625	117,635	\$104,029
	Bodie Island	4,919,100	\$4,274,791	6,284,319	\$4,658,654
	Dare Other	546,459	\$372,606	679,679	\$374,281
	Hatteras Island	11,740,810	\$6,023,285	13,898,941	\$6,111,488
	Mainland Dare	2,734,426	\$2,136,847	2,835,810	\$1,865,540
	Manteo	556,202	\$334,917	1,069,099	\$496,201
HERTFORD	Wanchese	17,996,420	\$11,374,107	18,936,002	\$10,347,760
	Hertford Other	17,232	\$8,345	97,697	\$24,685
HYDE	Engelhard	5,585,954	\$4,604,020	5,394,148	\$3,447,308
	Hyde Other	349,457	\$194,644	460,942	\$243,941
	Ocracoke	1,229,329	\$854,959	1,316,056	\$928,507
	Swan Quarter	7,125,099	\$5,439,115	7,200,473	\$4,759,927
NEW HANOVER	New Hanover Other	0	\$0	0	\$0
	Wilmington Area	2,235,758	\$3,196,392	1,810,350	\$2,660,730
ONSLow	Hubert	378,563	\$631,360	408,939	\$466,270
	Jacksonville	181,096	\$163,869	216,653	\$197,401
	Onslow Other	62,587	\$81,239	57,226	\$60,203
	Sneads Ferry	1,646,165	\$3,497,669	1,516,953	\$3,143,177
	Swansboro	257,916	\$761,004	204,636	\$640,556
PAMLICO	Arapahoe	1,820,641	\$1,262,191	1,981,897	\$1,295,932
	Bayboro/Alliance/Grantsboro/Stonewall	1,406,925	\$1,361,668	1,407,051	\$1,439,920
	Hobucken/Lowland	2,703,164	\$2,403,812	2,872,640	\$2,502,777
	Merritt	311,200	\$215,949	280,882	\$242,747
	Oriental	4,570,930	\$4,123,067	4,901,442	\$4,443,203
	Pamlico Other	31,730	\$97,081	261,570	\$169,588
PASQUOTANK	Vandemere	1,975,981	\$2,322,173	1,754,923	\$1,738,361
	Elizabeth City	2,470,649	\$2,186,801	6,043,650	\$4,610,120
PENDER	Pasquotank Other	0	\$0	0	\$0
	Burgaw	29,338	\$47,069	9,775	\$3,823
	Hampstead	528,572	\$654,418	497,065	\$612,501
	Pender Other	28,219	\$52,846	49,973	\$61,779

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	1997		1996	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,239,824	\$1,127,763	1,859,839	\$1,310,008
	Perquimans Other	0	\$0	0	\$0
TYRELL	Columbia	4,021,611	\$2,525,496	7,164,766	\$4,077,349
	Tyrell Other	10,049	\$18,290	8,270	\$14,473
WASHINGTON	Plymouth	***	***	***	***
	Roper	411,649	\$408,689	***	***
	Washington Other	45,734	\$62,527	727,822	\$517,718
Total	Total	228,509,584	\$108,999,726	190,906,539	\$105,451,117

Footnote: For this table some cities were grouped together in the following combination:

- 1) Bath = Bath and Pinetown.
- 2) Washington = Washington and Chocowinity.
- 3) Belhaven = Belhaven and Pantego.
- 4) Southport = Boiling Spring Lakes, Long Beach, Oak Island, Yaupon Beach and Southport.
- 5) Calabash = Longwood, Ocean Isle, Stantonburg, Sunset, Ash, Sunset Beach and Calabash.
- 6) Shallotte = Bolivia, Holden Beach, Varumtown, Winnabow, Leland, Supply and Shallotte.
- 7) Downeast Communities = Harkers Island, Gloucester, Marshallberg, Atlantic, Sea Level, Davis, Cedar Island, Smyrna, Stacey and Williston.
- 8) Bogue Banks = Atlantic Beach, Emerald Isle, Pine Knoll Shores and Salter Path.
- 9) Western Carteret = Newport, Cape Carteret and Cedar Point.
- 10) Moyock/Barco = Moyock, Shawboro, Currituck, Maple and Barco.
- 11) Central Currituck = Coinjock, Aydlett, Poplar Branch and Grandy.
- 12) Southern Currituck = Jarvisburg, Powells Point, Harbinger and Point Harbor.
- 13) Mainland Dare = Manns Harbor, Stumpy Point and East Lake.
- 14) Hatteras Island = Rodanthe, Waves, Salvo, Avon, Buxton, Frisco and Hatteras.
- 15) Bodie Island = Kill Devil Hills, Nags Head and Kitty Hawk.
- 16) Wilmington Area = Wilmington, Carolina Beach, Castle Hayne, Kure Beach and Wrightsville Beach.
- 17) Burgaw = Burgaw, Atkinson, Currie, Rocky Point and Willard.
- 18) Hampstead = Hampstead, Surf City, Topsaid and Hampton.

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	1995		1994	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	1,569,489	\$1,059,040	2,053,059	\$1,005,817
	Bath	4,526,429	\$4,162,532	4,533,129	\$2,933,498
	Beaufort Other	569	\$864	0	\$0
	Belhaven	3,476,977	\$3,109,361	3,262,455	\$2,314,693
	Washington	331,786	\$326,251	227,465	\$188,216
BERTIE	Bertie Other	***	***	177,297	\$153,594
BRUNSWICK	Brunswick Other	42,344	\$50,415	36,807	\$58,667
	Calabash	267,215	\$345,867	176,958	\$212,773
	Shalotte	1,673,096	\$2,640,346	1,053,164	\$2,144,727
	Southport	1,755,835	\$2,308,239	1,730,592	\$2,099,840
CAMDEN	Camden Other	736	\$1,984	5,898	\$5,244
	Shiloh	209,106	\$237,552	***	***
CARTERET	Bogue Banks	203,885	\$361,760	107,126	\$202,601
	Carteret Other	2,449,260	\$3,551,260	2,181,617	\$3,161,474
	Downeast Communities	11,496,925	\$11,829,339	14,671,025	\$9,136,633
	Morehead City/Beaufort	65,601,668	\$8,627,530	78,710,947	\$6,801,882
	Western Carteret	959,756	\$1,662,543	897,747	\$1,266,694
CHOWAN	Chowan Other	1,610,296	\$802,703	266,003	\$54,132
	Edenton	***	***	2,062,334	\$868,704
CRAVEN	Craven Other	161	\$60	131,889	\$118,365
	Havelock	171,129	\$220,709	***	***
	New Bern/Bridgeton	332,722	\$283,522	504,013	\$384,732
CURRITUCK	Central Currituck	646,507	\$429,555	976,550	\$510,915
	Currituck Other	0	\$0	0	\$0
	Knotts Island/Corolla	324,359	\$218,777	160,957	\$75,435
	Moyock/Barco	1,623,297	\$1,206,526	842,582	\$397,431
	Southern Currituck	90,700	\$85,239	21,710	\$29,561
DARE	Bodie Island	5,456,092	\$4,814,267	5,441,488	\$3,893,949
	Dare Other	645,750	\$448,845	595,591	\$458,931
	Hatteras Island	12,265,605	\$6,166,651	11,592,872	\$5,261,042
	Mainland Dare	2,438,752	\$2,215,116	2,572,370	\$1,921,655
	Manteo	569,286	\$415,835	395,859	\$235,510
	Wanchese	18,231,198	\$13,640,198	18,161,194	\$10,025,972
HERTFORD	Hertford Other	53,148	\$13,921	61,806	\$10,182
HYDE	Engelhard	3,871,980	\$3,915,710	4,112,867	\$4,391,285
	Hyde Other	663,482	\$450,900	1,001,401	\$539,013
	Ocracoke	1,574,313	\$955,140	1,659,350	\$959,605
	Swan Quarter	4,224,607	\$3,912,320	6,217,159	\$4,290,733
NEW HANOVER	New Hanover Other	0	\$0	0	\$0
	Wilmington Area	2,218,614	\$3,218,877	2,365,785	\$3,074,113
ONslow	Hubert	580,234	\$668,240	***	***
	Jacksonville	255,701	\$231,086	199,299	\$178,769
	Onslow Other	21,655	\$32,353	597,961	\$569,942
	Sneads Ferry	1,936,226	\$3,518,122	1,741,779	\$2,941,857
	Swansboro	252,123	\$602,578	255,195	\$520,051
PAMLICO	Arapahoe	997,104	\$885,868	987,911	\$540,602
	Bayboro/Alliance/Grantsboro/Stonewall	1,073,422	\$1,420,042	1,287,612	\$1,338,881
	Hobucken/Lowland	1,889,106	\$2,672,185	2,491,341	\$2,991,095
	Merritt	198,647	\$180,871	224,230	\$140,081
	Oriental	2,950,336	\$3,759,484	2,895,042	\$3,273,243
	Pamlico Other	1,434,430	\$1,968,213	1,331,351	\$1,677,095
	Vandemere	***	***	***	***
PASQUOTANK	Elizabeth City	6,191,765	\$5,471,849	6,522,378	\$4,400,661
	Pasquotank Other	0	\$0	0	\$0
PENDER	Burgaw	4,706	\$1,901	***	***
	Hampstead	637,486	\$742,493	569,587	\$652,114
	Pender Other	41,888	\$56,613	68,098	\$85,254

Table 35. Commercial seafood landings (pounds) by dealer city from 1994 to 2005 (continued).

County	Dealer City	1995		1994	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,168,039	\$1,070,720	214,815	\$135,216
	Perquimans Other	0	\$0	0	\$0
TYRELL	Columbia	4,496,071	\$3,399,263	4,402,877	\$2,515,137
	Tyrell Other	1,808	\$3,297	0	\$0
WASHINGTON	Plymouth	***	***	***	***
	Roper	0	\$0	0	\$0
	Washington Other	41,494	\$49,118	47,564	\$57,993
Total	*Total*	175,829,791	\$110,438,263	192,806,105	\$91,205,609

Footnote: For this table some cities were grouped together in the following combination:

- 1) Bath = Bath and Pinetown.
- 2) Washington = Washington and Chocowinity.
- 3) Belhaven = Belhaven and Pantego.
- 4) Southport = Boiling Spring Lakes, Long Beach, Oak Island, Yaupon Beach and Southport.
- 5) Calabash = Longwood, Ocean Isle, Stantonburg, Sunset, Ash, Sunset Beach and Calabash.
- 6) Shallotte = Bolivia, Holden Beach, Varumtown, Winnabow, Leland, Supply and Shallotte.
- 7) Downeast Communities = Harkers Island, Gloucester, Marshallberg, Atlantic, Sea Level, Davis, Cedar Island, Smyrna, Stacey and Williston.
- 8) Bogue Banks = Atlantic Beach, Emerald Isle, Pine Knoll Shores and Salter Path.
- 9) Western Carteret = Newport, Cape Carteret and Cedar Point.
- 10) Moyock/Barco = Moyock, Shawboro, Currituck, Maple and Barco.
- 11) Central Currituck = Coinjock, Aydlett, Poplar Branch and Grandy.
- 12) Southern Currituck = Jarvisburg, Powells Point, Harbinger and Point Harbor.
- 13) Mainland Dare = Manns Harbor, Stumpy Point and East Lake.
- 14) Hatteras Island = Rodanthe, Waves, Salvo, Avon, Buxton, Frisco and Hatteras.
- 15) Bodie Island = Kill Devil Hills, Nags Head and Kitty Hawk.
- 16) Wilmington Area = Wilmington, Carolina Beach, Castle Hayne, Kure Beach and Wrightsville Beach.
- 17) Burgaw = Burgaw, Atkinson, Currie, Rocky Point and Willard.
- 18) Hampstead = Hampstead, Surf City, Topsaid and Hampton.

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005.

Water Body	2005	2004	2003	2002
Albemarle Sound	10,361,616	11,997,616	15,599,823	18,337,378
Alligator River	392,728	399,222	2,557,112	2,290,476
Back Bay (VA)	607	6,802	0	0
Bay River	391,827	466,601	585,136	531,539
Bogue Inlet	0	0	0	0
Bogue Sound	305,342	372,710	563,219	415,061
Cape Fear River	645,089	665,053	679,002	850,752
Chowan River	376,911	282,905	365,153	522,292
Core Sound	2,282,681	3,000,515	3,755,039	3,798,194
Croatan Sound	1,232,901	1,548,485	1,382,407	1,666,826
Currituck Sound	1,008,210	2,229,767	2,546,110	2,870,616
Inland Waterway	46,358	136,384	251,218	465,633
Inland Waterway - Brunswick	177,303	82,176	66,054	2,950
Inland Waterway - Onslow	152,927	190,770	201,611	24,064
Lockwood Folly	49,351	54,184	82,637	47,463
Masonboro Sound	321,115	256,524	281,978	253,767
Mattamuskeet Lake	0	0	0	0
Neuse River	2,651,546	2,820,175	2,589,531	2,431,813
New River	560,003	839,825	947,215	1,176,832
Newport River	441,531	519,249	516,926	691,944
North River (Curr. County)	0	0	0	0
North River/Back Sound	326,112	448,644	283,176	265,622
Ocean	0	0	0	0
Ocean 0-3 mi, N of Cape Hatteras	2,424,591	3,214,752	3,055,509	4,730,797
Ocean 0-3 mi, S of Cape Hatteras	15,265,815	54,786,880	51,679,285	71,813,882
Ocean >3 mi, N of Cape Hatteras	20,206,892	22,759,717	20,483,185	17,011,029
Ocean >3 mi, S of Cape Hatteras	4,438,938	5,349,447	5,696,281	6,011,085
Ocean less than 3 miles	5,606	7,873	9,088	1,928
Pamlico River	3,779,843	4,239,415	3,941,918	3,534,080
Pamlico Sound	7,956,438	13,695,473	16,158,933	15,750,956
Pasquotank River	7,389	4,040	19,696	78,558
Perquimans River	28,419	46,764	93,443	71,694
Pungo River	1,207,390	1,466,963	1,556,236	1,581,145
Roanoke River	68,757	29,964	8,177	36,472
Roanoke Sound	1,254,014	1,315,087	2,566,207	2,010,578
Shalotte River	88,866	94,154	86,452	88,031
Stump Sound	191,546	188,608	199,241	201,655
Swamps	0	0	0	0
Topsail Sound	380,946	349,445	327,987	224,594
Unknown	0	0	0	0
White Oak River	153,834	236,834	290,069	381,352

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

Water Body	2001	2000	1999	1998
Albemarle Sound	12,776,424	15,527,298	14,899,639	14,649,752
Alligator River	1,078,472	1,654,134	1,387,040	1,482,820
Back Bay (VA)	0	0	0	4,654
Bay River	618,357	1,307,052	1,691,651	3,213,803
Bogue Inlet	0	0	0	0
Bogue Sound	536,963	639,110	432,002	495,801
Cape Fear River	680,259	728,472	745,639	802,484
Chowan River	657,997	802,679	895,224	867,921
Core Sound	4,284,982	4,357,449	5,137,849	6,435,975
Croatan Sound	1,586,582	1,372,071	2,489,096	3,247,855
Currituck Sound	1,658,571	2,122,696	2,042,858	2,602,684
Inland Waterway	604,043	688,001	512,513	500,785
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	0
Lockwood Folly	76,107	47,924	29,494	44,705
Masonboro Sound	268,930	249,225	214,652	286,934
Mattamuskeet Lake	0	0	0	0
Neuse River	2,121,019	2,931,481	4,919,086	4,607,940
New River	987,943	1,411,498	992,222	1,047,715
Newport River	571,769	615,374	831,429	671,065
North River (Curr. County)	0	0	0	0
North River/Back Sound	154,630	276,180	253,690	313,268
Ocean	85,811,196	89,862,271	75,983,098	98,923,208
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0
Ocean less than 3 miles	0	0	0	0
Pamlico River	2,566,846	4,216,761	8,070,324	7,115,199
Pamlico Sound	15,459,324	20,588,179	27,207,235	28,582,776
Pasquotank River	114,918	36,631	99,852	91,364
Perquimans River	47,189	36,640	32,603	49,050
Pungo River	1,029,743	2,335,241	2,207,002	1,757,500
Roanoke River	58,335	49,701	13,731	79,896
Roanoke Sound	2,417,425	1,322,093	1,650,609	1,445,844
Shalotte River	132,234	89,235	74,135	85,451
Stump Sound	196,395	208,599	255,430	252,811
Swamps	0	0	0	0
Topsail Sound	317,319	307,349	369,453	313,708
Unknown	0	174,249	740	0
White Oak River	349,988	269,407	296,281	250,593

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

Water Body	1997	1996	1995	1994
Albemarle Sound	10,424,970	22,402,133	17,146,544	14,026,474
Alligator River	744,434	2,368,629	1,612,868	1,479,920
Back Bay (VA)	19,336	6,919	0	0
Bay River	4,114,309	4,033,627	1,952,898	2,256,355
Bogue Inlet	0	0	0	0
Bogue Sound	482,142	529,408	656,318	537,109
Cape Fear River	824,878	790,624	956,371	1,086,329
Chowan River	696,703	786,442	673,015	1,021,070
Core Sound	7,022,538	5,297,967	7,132,765	9,713,989
Croatan Sound	2,174,611	3,384,699	2,420,850	2,457,132
Currituck Sound	2,389,693	2,807,397	3,712,965	2,564,134
Inland Waterway	568,665	673,682	846,943	641,219
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	0
Lockwood Folly	84,638	94,771	119,128	75,440
Masonboro Sound	231,009	230,018	323,968	271,084
Mattamuskeet Lake	0	0	0	0
Neuse River	5,244,811	5,951,893	3,334,308	4,194,582
New River	945,999	965,523	1,160,971	759,910
Newport River	797,742	595,458	718,636	666,415
North River (Curr. County)	0	0	0	0
North River/Back Sound	208,761	168,370	414,844	331,502
Ocean	149,777,682	106,535,610	105,074,156	114,215,349
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0
Ocean less than 3 miles	0	0	0	0
Pamlico River	8,306,215	8,609,331	6,155,228	8,092,129
Pamlico Sound	28,414,763	20,096,600	18,381,057	25,964,596
Pasquotank River	79,593	160,994	220,100	303,570
Perquimans River	46,697	63,983	87,623	108,423
Pungo River	2,615,848	2,319,609	561,842	0
Roanoke River	90,142	77,762	30,181	71,596
Roanoke Sound	1,490,128	1,422,665	1,234,279	1,158,033
Shalotte River	125,376	105,543	94,816	118,431
Stump Sound	247,510	209,039	255,848	156,816
Swamps	0	0	0	0
Topsail Sound	242,340	235,555	335,683	283,898
Unknown	0	0	63,066	92,403
White Oak River	158,942	198,175	258,971	259,883

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

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

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

Water Body	1989	1988	1987	1986
Albemarle Sound	9,178,056	8,357,594	10,273,860	6,584,939
Alligator River	961,402	1,081,120	1,345,302	420,512
Back Bay (VA)	177,550	0	0	0
Bay River	597,693	817,004	404,632	208,280
Bogue Inlet	0	0	0	0
Bogue Sound	743,939	608,808	484,754	1,176,049
Cape Fear River	628,542	527,027	756,955	671,135
Chowan River	1,295,920	3,104,273	3,628,443	7,270,139
Core Sound	12,472,864	13,839,206	13,379,361	20,252,497
Croatan Sound	824,444	848,873	1,028,094	1,058,982
Currituck Sound	2,189,982	1,375,852	876,353	2,646,308
Inland Waterway	703,480	647,602	531,304	618,012
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	0
Lockwood Folly	55,033	57,090	96,044	119,729
Masonboro Sound	130,787	28,490	53,048	41,055
Mattamuskeet Lake	0	0	0	0
Neuse River	4,485,426	7,087,660	5,400,470	5,100,044
New River	666,607	462,895	385,178	500,335
Newport River	1,014,491	1,117,350	843,955	680,904
North River (Curr. County)	49,375	0	0	0
North River/Back Sound	643,267	656,211	777,546	810,735
Ocean	92,409,328	114,037,839	85,478,269	94,534,194
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0
Ocean less than 3 miles	0	0	0	0
Pamlico River	2,072,711	3,076,074	2,222,500	3,010,870
Pamlico Sound	32,446,192	34,234,755	27,640,532	21,602,535
Pasquotank River	391,857	11,592	8,421	75,082
Perquimans River	41,551	0	48,771	4,500
Pungo River	0	0	0	0
Roanoke River	108,423	144,246	411,163	299,321
Roanoke Sound	447,708	199,450	818,099	690,633
Shalotte River	118,526	53,192	80,934	100,754
Stump Sound	18,502	22,682	46,003	96,054
Swamps	935	0	5,261	3,177
Topsail Sound	120,129	150,671	122,678	140,459
Unknown	0	0	0	0
White Oak River	202,759	145,620	175,989	164,391

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

Water Body	1985	1984	1983	1982
Albemarle Sound	7,762,393	4,886,867	6,913,332	6,154,524
Alligator River	148,444	150,712	137,817	192,383
Back Bay (VA)	0	0	0	0
Bay River	524,843	953,120	680,073	464,722
Bogue Inlet	0	0	0	5,937
Bogue Sound	593,607	4,503,512	3,380,402	3,032,225
Cape Fear River	294,281	996,764	941,493	1,203,777
Chowan River	10,076,960	5,824,275	5,463,471	8,952,214
Core Sound	17,449,203	13,487,495	19,686,040	24,988,753
Croatan Sound	1,594,088	1,565,724	1,194,976	1,865,549
Currituck Sound	746,951	478,224	1,206,472	1,581,414
Inland Waterway	831,516	886,716	1,000,420	869,375
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	0
Lockwood Folly	131,662	63,154	87,247	206,249
Masonboro Sound	33,708	63,722	173,400	283,323
Mattamuskeet Lake	0	2,077	100	2,121
Neuse River	6,262,333	6,928,049	10,258,077	19,385,471
New River	723,471	806,306	734,648	1,109,603
Newport River	1,215,487	1,490,073	2,197,148	3,637,617
North River (Curr. County)	0	6,909	61,845	94,846
North River/Back Sound	958,993	814,002	1,105,710	861,799
Ocean	127,789,920	197,610,022	194,846,303	187,262,683
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0
Ocean less than 3 miles	0	0	0	0
Pamlico River	4,299,011	6,234,737	4,477,033	4,047,958
Pamlico Sound	31,233,087	27,816,105	30,266,724	38,890,885
Pasquotank River	502,842	30,254	116,492	105,411
Perquimans River	131,320	26,968	0	24,433
Pungo River	0	0	0	0
Roanoke River	281,765	172,347	200,234	404,477
Roanoke Sound	759,904	774,024	1,337,993	1,281,531
Shalotte River	90,870	91,083	82,874	145,295
Stump Sound	83,762	59,068	80,084	170,502
Swamps	8,191	4,835	16,775	17,653
Topsail Sound	149,720	265,500	226,679	373,276
Unknown	0	0	523,270	0
White Oak River	195,756	176,347	335,698	351,917

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

Water Body	1981	1980	1979	1978
Albemarle Sound	4,495,893	3,203,695	2,799,622	3,202,771
Alligator River	140,325	279,511	160,199	256,117
Back Bay (VA)	0	0	0	0
Bay River	468,827	1,692,349	788,967	1,037,310
Bogue Inlet	0	386	139	0
Bogue Sound	1,581,489	4,666,819	2,764,075	1,520,311
Cape Fear River	1,307,697	1,330,765	1,354,148	952,940
Chowan River	5,097,045	7,852,469	6,024,198	6,936,780
Core Sound	23,148,634	33,002,745	31,023,348	24,792,210
Croatan Sound	319,393	320,743	769,459	566,657
Currituck Sound	650,978	502,216	887,884	893,059
Inland Waterway	920,842	699,579	447,940	243,439
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	0
Lockwood Folly	180,521	144,251	131,068	127,203
Masonboro Sound	230,073	487,050	234,743	37,989
Mattamuskeet Lake	0	100	250	500
Neuse River	9,547,703	13,370,534	8,779,547	8,793,756
New River	627,295	1,101,551	1,293,240	651,564
Newport River	1,666,873	2,616,287	8,258,753	748,075
North River (Curr. County)	68,049	52,465	4,825	1,000
North River/Back Sound	1,207,690	1,408,480	926,019	1,207,680
Ocean	334,879,174	226,300,815	275,958,341	210,367,856
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0
Ocean less than 3 miles	0	0	0	0
Pamlico River	5,112,442	4,192,465	6,758,163	8,129,379
Pamlico Sound	38,035,631	50,308,131	37,827,238	27,186,596
Pasquotank River	32,027	35,682	11,120	24,000
Perquimans River	7,873	21,538	21,070	0
Pungo River	0	0	0	0
Roanoke River	426,816	280,502	390,530	564,523
Roanoke Sound	1,267,755	1,206,220	1,837,905	662,016
Shalotte River	120,902	150,408	106,178	131,946
Stump Sound	60,652	82,764	249,285	4,822
Swamps	1,543	32,559	33,859	23,798
Topsail Sound	148,129	508,481	339,615	12,701
Unknown	0	0	738	0
White Oak River	253,612	341,246	289,618	464,349

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

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

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

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

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

Water Body	1969	1968	1967	1966
Albemarle Sound	3,383,700	3,753,900	1,965,100	2,106,500
Alligator River	207,600	263,400	288,600	289,600
Back Bay (VA)	0	0	0	0
Bay River	49,200	16,600	0	0
Bogue Inlet	79,200	22,200	32,600	1,196,700
Bogue Sound	5,342,800	2,614,900	1,348,100	1,050,200
Cape Fear River	226,500	66,800	20,900	324,100
Chowan River	18,954,300	14,146,900	19,217,700	12,289,700
Core Sound	8,608,200	11,487,700	16,410,000	13,347,100
Croatan Sound	791,000	1,020,100	726,700	855,500
Currituck Sound	85,800	269,900	179,200	217,300
Inland Waterway	552,000	672,900	538,700	0
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	0
Lockwood Folly	139,200	100,100	85,000	160,900
Masonboro Sound	1,200	1,900	5,900	131,900
Mattamuskeet Lake	132,800	130,600	127,600	0
Neuse River	1,427,900	693,100	794,100	971,400
New River	309,100	358,900	344,400	789,500
Newport River	475,300	2,058,600	382,200	180,600
North River (Curr. County)	65,300	116,100	64,000	53,000
North River/Back Sound	190,300	178,000	143,900	205,300
Ocean	60,757,680	172,545,100	61,749,570	49,091,110
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0
Ocean less than 3 miles	0	0	0	0
Pamlico River	4,191,500	3,752,600	3,129,600	2,489,200
Pamlico Sound	18,533,500	15,697,400	12,150,500	18,112,900
Pasquotank River	52,000	57,400	66,500	40,100
Perquimans River	82,300	100,900	147,500	48,400
Pungo River	0	0	0	0
Roanoke River	1,580,600	1,563,700	409,200	579,200
Roanoke Sound	617,100	346,000	248,200	212,700
Shalotte River	19,400	87,900	84,300	150,400
Stump Sound	11,100	9,400	3,000	50,200
Swamps	300	100	0	0
Topsail Sound	0	100	7,300	135,600
Unknown	0	0	0	0
White Oak River	59,100	45,700	72,600	98,200

Table 36. Commercial seafood landings (pounds) by waterbody from 1962 to 2005 (continued).

Water Body	1965	1964	1963	1962
Albemarle Sound	3,408,700	3,117,000	3,658,400	4,379,100
Alligator River	4,700	54,400	176,700	227,300
Back Bay (VA)	0	0	0	0
Bay River	0	0	0	0
Bogue Inlet	98,500	139,500	102,900	134,500
Bogue Sound	550,300	493,400	542,100	340,600
Cape Fear River	88,500	119,800	53,700	82,900
Chowan River	11,904,700	5,445,300	12,673,600	11,038,200
Core Sound	17,581,900	26,793,500	41,952,500	32,981,800
Croatan Sound	1,245,600	1,804,400	1,297,300	1,285,000
Currituck Sound	156,200	195,800	216,400	227,100
Inland Waterway	0	0	0	0
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	0
Lockwood Folly	238,700	161,100	212,100	302,600
Masonboro Sound	232,500	408,400	213,500	302,700
Mattamuskeet Lake	0	0	0	19,500
Neuse River	2,560,600	2,250,700	2,124,700	2,259,200
New River	345,300	437,700	296,000	332,200
Newport River	232,700	350,000	259,000	240,000
North River (Curr. County)	52,300	65,400	70,000	45,600
North River/Back Sound	90,000	85,000	95,000	100,000
Ocean	69,093,190	174,678,000	62,669,870	112,852,600
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0
Ocean less than 3 miles	0	0	0	0
Pamlico River	4,081,700	3,352,600	2,776,100	1,915,100
Pamlico Sound	17,710,200	16,883,600	14,351,300	12,245,200
Pasquotank River	0	171,300	123,400	82,200
Perquimans River	48,400	189,500	155,600	118,000
Pungo River	0	0	0	0
Roanoke River	8,700	844,700	514,500	466,100
Roanoke Sound	87,600	119,000	173,800	0
Shalotte River	551,500	139,400	203,800	220,100
Stump Sound	86,800	82,100	64,500	99,100
Swamps	0	0	0	0
Topsail Sound	191,100	49,200	79,000	36,600
Unknown	0	0	0	0
White Oak River	253,100	148,400	97,000	50,900

Table 37. Annual landings by major finfish fisheries from 1994 to 2005.

Fishery	2005		2004		2003	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	34,630	6,562,311	35,320	6,369,507	39,090	7,429,459
Flounder Pound Net	1,240	505,940	1,094	699,368	1,003	564,645
Long Haul Seine	475	1,061,120	498	1,412,181	486	1,314,335
Ocean Sink Net	4,902	8,424,134	6,092	10,992,998	5,549	9,906,585
Sciaenid Pound Net	165	185,832	249	111,547	208	84,270
Winter Trawl	626	12,676,230	770	14,342,907	689	14,859,884

Fishery	2002		2001		2000	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	41,032	7,862,710	45,053	8,168,681	48,121	8,078,328
Flounder Pound Net	1,633	1,690,815	1,695	1,504,950	1,452	1,012,979
Long Haul Seine	452	1,268,013	443	1,881,584	442	1,587,712
Ocean Sink Net	5,773	9,820,975	6,994	13,199,819	6,434	14,504,034
Sciaenid Pound Net	310	224,628	305	248,581	334	271,832
Winter Trawl	856	11,067,650	771	10,470,758	628	10,704,912

Fishery	1999		1998		1997	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	45,691	7,613,912	44,555	8,213,440	50,825	7,878,878
Flounder Pound Net	1,340	859,698	1,940	1,372,092	2,354	1,498,867
Long Haul Seine	568	1,326,150	652	1,910,787	768	2,604,049
Ocean Sink Net	7,332	14,160,148	8,182	17,537,362	9,155	19,259,586
Sciaenid Pound Net	617	629,585	639	770,597	791	709,760
Winter Trawl	706	10,547,798	901	9,442,504	682	11,224,798

Fishery	1996		1995		1994	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	45,580	6,599,064	49,765	7,553,379	42,406	6,833,879
Flounder Pound Net	2,596	1,782,982	2,554	1,768,250	3,267	2,470,984
Long Haul Seine	1,001	2,118,528	998	2,417,166	1,051	2,150,326
Ocean Sink Net	8,568	25,302,558	8,397	18,505,700	7,595	16,479,775
Sciaenid Pound Net	733	466,453	731	602,782	445	396,062
Winter Trawl	632	11,115,571	740	11,098,943	701	9,804,439

Footnote: Fisheries were defined as the following:

- 1) Estuarine gillnet = all gillnet landings from estuarine waters.
- 2) Flounder Pound Net = Landings from pound net gears in the months of October through December in Beaufort, Carteret, Dare, Hyde and Tyrrell Counties and landings from pound net gears in September from Beaufort, Carteret, Hyde and Tyrrell counties.
- 3) Long Haul Seine = Landings from haul seines and swipe nets.
- 4) Ocean Sink Net = Landings from anchored gillnet in the ocean.
- 5) Sciaenid Pound Net = Landings in pound net gear from May to August in Dare and Hyde counties and landings from pound net gear in September in Dare County.
- 6) Winter Trawl = Landings from Founder Trawls and Flynets from January – May and October – December.

Table 38. Number of participants, vessels, and trips by gear type from 1994 to 2005.

Gears	2005			2004			2003		
	Participants	Vessels	Trips	Participants	Vessels	Trips	Participants	Vessels	Trips
Beach Seine	275	241	681	168	156	413	23	28	125
By Hand	841	629	14,647	947	681	18,441	1,051	773	18,175
Cast Net	58	50	518	52	41	536	71	59	475
Channel Net	61	70	870	87	97	1,355	87	100	1,700
Clam Dredge	28	28	429	30	30	658	27	31	433
Clam Trawl Kicking	45	45	539	58	61	1,026	62	66	839
Crab Dredge	3	3	9	7	7	19	4	4	14
Crab Pot	1,079	1,311	57,819	1,306	1,578	73,503	1,391	1,715	82,402
Crab Trawl	104	108	1,121	175	188	1,780	142	154	1,700
Eel Pot	33	35	160	42	45	270	46	51	303
Fish Pot	95	102	863	97	103	1,163	89	91	1,103
Flounder Trawl	72	76	400	95	94	490	83	82	460
Flynet	67	40	265	69	72	363	55	59	292
Fyke Net	30	34	330	59	64	530	50	56	486
Gigs	145	162	1,225	138	156	1,200	141	162	1,122
Gill net (anchored) ¹	3,146	3,388	39,017	3,087	3,374	40,960	2,393	2,769	43,939
Gill net (drift)	81	89	435	63	70	320	72	76	330
Gill net (runaround)	347	393	2,366	333	362	1,981	352	379	1,852
Haul Seine	38	43	473	30	38	498	27	38	487
Longline ¹	41	44	447	48	48	418	60	61	424
Other	208	220	2,426	165	178	1,931	145	155	1,141
Peeler Pot	290	322	3,781	296	319	3,628	277	298	3,816
Pound Net	93	114	2,269	92	116	2,196	108	131	2,085
Purse Seine	2	3	15	2	4	64	2	4	66
Rake	1,058	785	12,853	1,229	857	15,233	1,406	994	15,804
Rod-n-Reel	359	389	2,728	491	532	3,085	492	529	3,397
Scallop Dredge (bay)	0	0	0	0	0	0	8	9	23
Shrimp Trawl	323	346	4,549	488	525	8,391	498	547	9,898
Skimmer Trawl	75	82	1,137	103	107	2,108	133	152	2,555
Tongs, Hand	366	333	4,412	393	353	5,261	397	362	4,501
Trolling	629	678	4,192	674	724	4,127	502	562	3,189
Trotline	9	10	85	19	18	83	15	15	119
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 38. Number of participants, vessels, and trips by gear type from 1994 to 2005 (continued).

Gears	2002			2001			2000		
	Participants	Vessels	Trips	Participants	Vessels	Trips	Participants	Vessels	Trips
Beach Seine	192	201	558	92	106	489	90	113	822
By Hand	1,211	828	20,325	1,398	971	21,894	1,235	990	17,876
Cast Net	88	75	838	83	66	688	77	57	517
Channel Net	90	107	1,876	103	133	1,692	127	147	2,183
Clam Dredge	46	43	695	40	39	463	41	37	737
Clam Trawl Kicking	65	74	880	68	80	839	81	93	801
Crab Dredge	15	15	64	8	8	26	0	0	0
Crab Pot	1,460	1,771	81,882	1,600	2,148	99,677	1,554	2,136	99,510
Crab Trawl	138	152	983	209	237	2,549	186	195	2,226
Eel Pot	41	43	237	56	64	377	82	88	373
Fish Pot	99	111	1,195	119	131	1,662	105	121	1,214
Flounder Trawl	90	92	667	103	109	524	88	92	469
Flynet	49	50	230	56	60	281	33	35	181
Fyke Net	37	51	377	60	74	654	44	56	608
Gigs	150	163	1,205	192	212	1,405	179	198	1,342
Gill net (anchored) ¹	2,454	2,815	45,273	2,764	3,293	50,657	2,993	3,553	52,396
Gill net (drift)	85	88	342	60	61	224	47	48	156
Gill net (runaround)	383	427	2,670	392	446	2,799	397	458	3,031
Haul Seine	45	54	455	29	37	441	35	51	474
Longline ¹	97	100	613	64	67	489	55	54	442
Other	131	134	909	127	138	1,020	121	127	586
Peeler Pot	332	367	6,438	401	444	6,735	329	378	5,654
Pound Net	166	196	3,320	152	201	3,183	144	195	3,130
Purse Seine	2	4	108	2	4	79	3	5	97
Rake	1,635	1,070	18,238	2,077	1,384	28,935	2,076	1,542	27,265
Rod-n-Reel	473	500	3,776	434	462	3,294	485	550	3,357
Scallop Dredge (bay)	14	16	32	0	0	0	8	8	10
Shrimp Trawl	715	773	12,958	641	724	10,741	884	1,056	14,134
Skimmer Trawl	161	176	3,569	140	159	1,772	184	215	2,437
Tongs, Hand	425	377	4,762	428	390	5,712	336	339	3,984
Trolling	612	659	4,030	617	664	4,418	649	733	4,835
Trotline	36	38	282	28	29	163	29	28	297
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 38. Number of participants, vessels, and trips by gear type from 1994 to 2005 (continued).

Gears	1999			1998			1997		
	Participants	Vessels	Trips	Participants	Vessels	Trips	Participants	Vessels	Trips
Beach Seine	76	99	527	81	97	691	91	106	1,076
By Hand	1,077	961	12,772	902	943	13,217	1,033	1,039	14,353
Cast Net	53	44	446	57	43	681	65	53	594
Channel Net	127	156	2,604	118	139	1,874	142	172	2,102
Clam Dredge	38	42	643	39	41	672	29	28	474
Clam Trawl Kicking	97	111	1,181	93	106	1,083	90	99	1,121
Crab Dredge	0	0	0	0	0	0	3	3	11
Crab Pot	1,718	2,800	111,636	1,835	2,203	128,051	2,136	2,518	121,346
Crab Trawl	220	244	3,555	279	308	5,718	336	373	5,063
Eel Pot	75	93	408	79	87	460	86	100	492
Fish Pot	143	181	1,583	160	173	1,633	160	173	1,839
Flounder Trawl	97	104	519	115	119	656	79	87	237
Flynet	33	34	203	45	51	290	44	46	489
Fyke Net	41	48	531	35	43	436	30	40	374
Gigs	145	190	1,064	191	217	1,508	253	282	1,798
Gill net (anchored) ¹	2,815	3,647	52,079	2,858	3,227	50,845	3,458	3,834	57,463
Gill net (drift)	71	74	302	82	83	346	132	142	835
Gill net (runaround)	319	388	2,386	411	465	3,504	509	561	3,764
Haul Seine	46	55	574	42	53	658	65	73	770
Longline ¹	58	64	502	68	51	460	96	70	527
Other	146	159	1,149	136	139	796	92	93	300
Peeler Pot	341	384	5,776	269	294	4,576	125	140	1,226
Pound Net	160	223	3,172	199	247	3,685	266	328	4,795
Purse Seine	4	7	73	4	6	99	7	8	137
Rake	1,606	1,437	21,062	1,537	1,606	28,151	1,790	1,756	32,229
Rod-n-Reel	521	615	3,972	572	597	4,964	698	713	5,390
Scallop Dredge (bay)	44	45	151	118	121	897	63	69	362
Shrimp Trawl	755	966	15,348	622	711	12,220	854	986	16,636
Skimmer Trawl	160	192	2,094	93	106	1,083	149	166	2,233
Tongs, Hand	338	354	4,174	316	335	4,585	323	343	4,544
Trolling	660	779	4,560	750	770	4,635	905	904	5,663
Trotline	23	27	267	31	34	479	37	37	474
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 38. Number of participants, vessels, and trips by gear type from 1994 to 2005 (continued).

Gears	1996			1995			1994		
	Participants	Vessels	Trips	Participants	Vessels	Trips	Participants	Vessels	Trips
Beach Seine	92	107	870	102	122	961	67	74	862
By Hand	1,127	1,166	14,529	1,333	1,406	17,334	1,292	1,336	16,639
Cast Net	68	61	616	66	60	561	30	33	321
Channel Net	134	170	1,489	196	224	2,311	162	209	2,137
Clam Dredge	57	58	637	63	70	770	43	50	405
Clam Trawl Kicking	115	122	1,093	100	103	824	99	105	640
Crab Dredge	5	5	29	10	10	37	22	19	75
Crab Pot	2,102	2,587	115,996	2,051	2,621	119,999	1,967	2,379	114,059
Crab Trawl	323	351	4,344	238	270	2,222	300	338	3,889
Eel Pot	69	85	382	67	74	275	14	14	20
Fish Pot	192	212	1,510	183	193	1,460	183	202	1,651
Flounder Trawl	106	106	415	165	133	534	88	95	507
Flynet	35	34	239	31	31	248	28	30	255
Fyke Net	27	34	264	38	43	219	43	44	325
Gigs	218	240	1,305	271	310	1,807	267	306	1,668
Gill net (anchored) ¹	3,432	3,865	52,064	3,722	4,167	56,308	3,604	4,005	49,222
Gill net (drift)	104	105	455	181	185	884	219	243	666
Gill net (runaround)	435	479	3,316	489	523	3,091	438	466	2,178
Haul Seine	109	127	1,005	93	103	1,001	139	151	1,068
Longline ¹	125	103	723	140	106	900	165	168	1,086
Other	77	80	227	136	137	463	115	122	488
Peeler Pot	33	34	177	0	0	0	0	0	0
Pound Net	271	321	4,956	287	329	5,205	347	384	6,492
Purse Seine	4	4	78	3	4	86	4	6	173
Rake	1,840	1,861	29,139	1,977	1,999	33,198	2,059	2,019	35,755
Rod-n-Reel	625	668	4,640	734	786	5,629	791	851	6,634
Scallop Dredge (bay)	62	66	273	238	242	1,759	177	189	713
Shrimp Trawl	827	1,010	14,684	1,003	1,181	19,867	975	1,193	19,015
Skimmer Trawl	106	128	1,197	136	148	1,573	84	102	1,133
Tongs, Hand	365	394	4,922	436	474	6,252	459	462	6,029
Trolling	776	789	4,478	993	1,039	5,900	977	1,045	5,569
Trotline	27	29	352	33	33	317	30	34	232
Unknown	0	0	0	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 39. Number of participants, vessels, and trips for specific species from 1994 to 2005.

Fish	2005			2004		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	149	952	154	167	944	171
Blue Crabs, Hard	1,141	56,183	1,355	1,425	74,160	1,676
Blue Crabs, Peeler	719	11,941	798	777	12,728	871
Blue Crabs, Soft	287	6,655	324	356	7,174	392
Bluefish	785	8,338	885	748	8,031	821
Catfishes	485	7,480	548	467	7,993	532
Clams, Hard	898	23,519	701	1,066	30,417	765
Croaker, Atlantic	683	6,435	753	825	7,875	920
Dolphinfish	232	882	255	291	1,116	313
Drum, Red	696	8,307	807	512	3,543	568
Eel, American	37	223	40	55	353	60
Finfish, Other	1,164	13,995	1,307	1,295	15,255	1,422
Flounder, Southern	1,175	23,362	1,375	1,357	27,057	1,585
Flounder, Summer	228	1,082	238	297	1,949	299
Goosefish	103	364	106	160	597	162
Groupers	186	2,025	207	195	2,039	216
Herring, River	144	1,792	156	136	1,503	148
Herring, Thread	3	13	3	0	0	0
Hog Snapper	51	271	55	54	248	60
Kingfishes	574	5,077	626	664	6,780	718
Mackerel, King	448	3,741	484	446	3,228	486
Mackerel, Spanish	364	2,704	389	296	2,189	316
Menhaden, Atlantic	391	3,949	438	334	3,271	366
Mullet, Striped	818	8,034	933	794	7,815	892
Oysters	726	12,112	631	723	11,886	609
Perch, White	386	4,819	425	362	5,035	406
Perch, Yellow	156	1,180	162	181	1,896	201
Porgies	151	1,132	165	130	1,077	149
Scallop, Bay	0	0	0	1	2	1
Scup	49	103	51	36	84	37
Sea Basses	266	1,886	292	286	2,215	309
Seatrout, Spotted	732	5,816	820	710	5,736	787
Shad, American	338	3,809	352	359	3,944	368
Shad, Gizzard	92	893	96	67	990	65
Shad, Hickory	296	2,292	307	313	2,325	326
Sharks	118	915	122	152	829	153
Sharks, Dogfishes	88	654	94	122	808	119
Shellfish, Other	451	4,422	449	550	5,676	510
Shrimp, Brown	343	4,059	371	476	5,804	498
Shrimp, Pink	90	427	87	165	1,398	173
Shrimp, Unclassified	40	254	41	48	319	50
Shrimp, White	203	2,122	214	384	4,894	407
Snappers	163	1,266	171	158	1,202	175
Spadefish	186	1,008	207	179	1,146	194
Spot	918	9,631	1,043	1,042	10,573	1,161
Striped Bass	1,027	10,808	1,004	847	9,353	908
Swordfish	25	227	26	22	182	22
Tilefishes	54	391	54	43	346	47
Triggerfish	133	1,081	145	156	1,268	168
Tunas	473	2,637	495	577	3,257	608
Wahoo	134	248	141	152	337	158
Weakfish	726	7,788	805	791	8,553	886

**Table 39. Number of participants, vessels, and trips for specific species from 1994 to 2005
(continued).**

Fish	2003			2002		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	184	1,118	191	178	1,181	179
Blue Crabs, Hard	1,509	83,769	1,836	1,597	82,082	1,900
Blue Crabs, Peeler	849	15,027	985	919	16,353	1,071
Blue Crabs, Soft	428	10,682	477	449	13,445	505
Bluefish	759	8,594	872	883	10,133	1,004
Catfishes	565	10,728	664	507	10,894	616
Clams, Hard	1,205	30,837	848	1,410	35,597	920
Croaker, Atlantic	796	7,361	894	957	8,815	1,081
Dolphinfish	255	963	275	318	1,434	336
Drum, Red	682	6,845	798	737	6,708	840
Eel, American	67	427	73	49	287	51
Finfish, Other	1,411	18,577	1,644	1,640	23,573	1,878
Flounder, Southern	1,438	27,515	1,709	1,584	33,388	1,881
Flounder, Summer	268	1,796	280	261	1,736	273
Goosefish	145	653	151	140	642	143
Groupers	204	2,108	223	208	2,677	219
Herring, River	181	2,087	205	146	1,903	164
Herring, Thread	1	3	1	1	8	1
Hog Snapper	51	299	56	68	308	71
Kingfishes	620	6,750	700	662	6,473	739
Mackerel, King	405	2,753	455	447	3,155	480
Mackerel, Spanish	334	2,484	369	478	3,261	521
Menhaden, Atlantic	390	4,312	447	421	6,089	476
Mullet, Striped	920	9,616	1,053	1,032	10,620	1,171
Oysters	637	9,281	530	644	9,061	540
Perch, White	440	8,070	519	429	7,595	510
Perch, Yellow	260	3,491	299	226	3,156	275
Porgies	146	1,216	159	156	1,409	163
Scallop, Bay	68	243	58	74	335	68
Scup	18	26	17	2	4	2
Sea Basses	278	2,063	296	304	2,481	327
Seatrout, Spotted	817	5,963	937	989	8,851	1,146
Shad, American	422	4,574	458	401	4,292	432
Shad, Gizzard	68	1,027	73	84	1,478	93
Shad, Hickory	295	2,003	316	272	1,781	280
Sharks	131	1,014	137	156	1,113	163
Sharks, Dogfishes	82	502	86	65	469	67
Shellfish, Other	562	6,820	539	557	5,660	547
Shrimp, Brown	539	8,812	589	656	7,719	711
Shrimp, Pink	158	1,631	166	306	3,609	324
Shrimp, Unclassified	45	302	52	75	536	75
Shrimp, White	331	3,767	357	493	6,996	533
Snappers	136	1,131	144	173	1,715	181
Spadefish	158	663	170	215	1,152	232
Spot	1,065	10,996	1,206	1,260	13,126	1,432
Striped Bass	771	11,455	895	814	11,279	947
Swordfish	23	173	23	26	182	25
Tilefishes	45	431	50	63	578	66
Triggerfish	122	1,083	131	177	1,385	186
Tunas	442	2,672	476	411	2,869	433
Wahoo	144	306	148	147	299	156
Weakfish	818	8,791	939	969	10,082	1,097

**Table 39. Number of participants, vessels, and trips for specific species from 1994 to 2005
(continued).**

Fish	2001			2000		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	196	1,248	204	207	1,334	231
Blue Crabs, Hard	1,719	96,742	2,267	1,673	94,032	2,212
Blue Crabs, Peeler	1,007	25,160	1,240	1,001	26,008	1,215
Blue Crabs, Soft	533	15,966	620	524	14,785	628
Bluefish	944	10,925	1,097	957	11,643	1,112
Catfishes	584	12,296	721	630	12,213	767
Clams, Hard	1,824	48,759	1,214	1,639	41,989	1,284
Croaker, Atlantic	1,119	12,954	1,298	1,111	11,810	1,283
Dolphinfish	304	1,199	316	270	1,238	290
Drum, Red	780	8,863	905	979	9,753	1,158
Eel, American	73	460	82	109	576	117
Finfish, Other	1,546	20,259	1,810	1,705	24,042	2,014
Flounder, Southern	1,734	36,006	2,126	1,888	37,493	2,309
Flounder, Summer	275	1,713	297	359	2,530	392
Goosefish	146	548	151	173	757	185
Groupers	216	2,404	237	211	2,278	255
Herring, River	151	1,418	172	210	2,461	247
Herring, Thread	0	0	0	3	4	3
Hog Snapper	53	273	60	57	322	63
Kingfishes	662	7,222	781	750	8,657	877
Mackerel, King	455	3,651	497	476	4,065	535
Mackerel, Spanish	518	3,756	586	603	4,549	684
Menhaden, Atlantic	483	5,431	551	380	4,145	451
Mullet, Striped	1,069	10,726	1,245	1,225	13,631	1,462
Oysters	651	9,402	614	558	7,709	546
Perch, White	472	6,857	571	559	8,224	678
Perch, Yellow	298	3,465	347	342	4,271	406
Porgies	159	1,400	176	108	658	117
Scallop, Bay	26	56	21	72	341	71
Scup	0	0	0	0	0	0
Sea Basses	291	2,620	320	310	2,312	363
Seatrout, Spotted	900	6,490	1,056	1,157	11,241	1,363
Shad, American	462	5,037	520	537	5,277	601
Shad, Gizzard	83	1,114	91	142	2,476	165
Shad, Hickory	388	3,351	430	390	2,625	435
Sharks	187	1,235	202	189	1,369	205
Sharks, Dogfishes	89	556	92	180	1,556	194
Shellfish, Other	628	5,868	589	584	4,668	611
Shrimp, Brown	628	8,371	704	775	9,008	905
Shrimp, Pink	192	2,068	201	173	1,468	192
Shrimp, Unclassified	57	393	58	106	479	111
Shrimp, White	400	3,537	446	661	8,008	757
Snappers	175	1,702	194	166	1,603	196
Spadefish	229	1,082	246	230	1,288	260
Spot	1,256	11,912	1,457	1,384	13,227	1,571
Striped Bass	755	12,072	890	700	11,714	852
Swordfish	32	235	33	25	155	24
Tilefishes	66	539	74	56	425	60
Triggerfish	155	1,347	171	151	1,194	176
Tunas	478	3,503	522	421	3,201	466
Wahoo	167	373	177	154	354	158
Weakfish	1,029	12,030	1,206	1,125	13,993	1,310

**Table 39. Number of participants, vessels, and trips for specific species from 1994 to 2005
(continued).**

Fish	1999			1998		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	201	1,356	236	200	1,213	207
Blue Crabs, Hard	1,837	105,029	2,874	1,896	119,557	2,238
Blue Crabs, Peeler	1,004	25,951	1,393	981	31,425	1,115
Blue Crabs, Soft	513	12,888	681	525	13,733	610
Bluefish	975	12,087	1,189	1,080	13,743	1,171
Catfishes	637	14,376	876	646	13,578	752
Clams, Hard	1,487	32,889	1,373	1,326	40,820	1,402
Croaker, Atlantic	1,117	12,980	1,462	1,092	10,662	1,226
Dolphinfish	332	1,423	367	273	1,295	280
Drum, Red	910	10,603	1,222	694	5,613	782
Eel, American	101	574	119	102	554	109
Finfish, Other	1,736	25,630	2,265	1,674	21,136	1,861
Flounder, Southern	1,797	35,415	2,516	1,837	39,435	2,137
Flounder, Summer	345	3,026	393	353	2,536	380
Goosefish	173	812	183	165	694	167
Groupers	267	2,821	314	310	3,558	323
Herring, River	204	2,815	222	223	2,809	248
Herring, Thread	2	5	2	4	15	5
Hog Snapper	74	391	88	78	434	83
Kingfishes	784	9,428	951	745	8,768	829
Mackerel, King	438	3,617	538	578	4,074	589
Mackerel, Spanish	541	3,544	640	589	4,138	671
Menhaden, Atlantic	420	3,809	511	250	2,385	286
Mullet, Striped	991	10,391	1,247	1,183	12,848	1,330
Oysters	521	7,459	556	502	7,568	540
Perch, White	531	9,177	709	506	7,027	588
Perch, Yellow	375	5,650	477	347	4,776	397
Porgies	202	1,539	235	264	2,604	277
Scallop, Bay	81	441	81	134	1,058	139
Scup	1	1	1	27	38	29
Sea Basses	380	3,026	459	423	3,873	454
Seatrout, Spotted	1,292	15,319	1,689	1,147	12,384	1,293
Shad, American	464	4,718	507	483	5,098	515
Shad, Gizzard	164	2,779	198	153	2,763	172
Shad, Hickory	434	3,644	474	430	2,538	459
Sharks	177	1,210	199	229	1,294	236
Sharks, Dogfishes	181	1,886	198	208	2,049	221
Shellfish, Other	542	4,547	589	562	5,802	622
Shrimp, Brown	549	3,341	593	0	0	0
Shrimp, Pink	27	82	28	0	0	0
Shrimp, Unclassified	594	9,777	793	692	14,969	795
Shrimp, White	562	7,027	649	0	0	0
Snappers	200	1,810	232	230	2,051	235
Spadefish	299	1,613	377	223	1,154	246
Spot	1,276	12,382	1,598	1,176	11,355	1,339
Striped Bass	700	9,097	855	706	6,702	793
Swordfish	30	179	33	30	208	19
Tilefishes	73	582	95	94	621	93
Triggerfish	187	1,503	219	223	1,901	228
Tunas	416	3,266	474	444	2,959	449
Wahoo	181	460	194	165	359	150
Weakfish	1,170	17,074	1,526	1,170	16,854	1,327

**Table 39. Number of participants, vessels, and trips for specific species from 1994 to 2005
(continued).**

Fish	1997			1996		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	273	1,540	283	244	1,352	254
Blue Crabs, Hard	2,187	110,754	2,553	2,187	107,379	2,701
Blue Crabs, Peeler	1,071	28,507	1,220	996	21,116	1,143
Blue Crabs, Soft	609	12,541	703	492	8,596	566
Bluefish	1,195	16,520	1,317	1,035	10,993	1,138
Catfishes	800	16,594	897	787	13,668	917
Clams, Hard	1,536	45,045	1,559	1,568	43,055	1,652
Croaker, Atlantic	1,358	15,214	1,503	1,311	15,417	1,508
Dolphinfish	363	1,528	362	341	1,423	353
Drum, Red	571	2,440	636	849	4,891	940
Eel, American	109	618	124	108	547	125
Finfish, Other	2,004	27,076	2,228	2,135	27,057	2,432
Flounder, Southern	2,216	46,542	2,553	2,195	40,604	2,589
Flounder, Summer	403	2,768	428	419	2,577	441
Goosefish	149	725	151	194	909	183
Groupers	340	3,674	349	328	3,097	365
Herring, River	231	2,673	246	265	3,215	282
Herring, Thread	1	15	2	1	11	2
Hog Snapper	85	454	95	82	456	94
Kingfishes	871	11,021	976	830	8,907	940
Mackerel, King	695	5,335	698	555	3,200	597
Mackerel, Spanish	783	5,985	874	579	3,955	651
Menhaden, Atlantic	309	2,421	323	264	1,640	291
Mullet, Striped	1,411	14,363	1,566	1,423	13,961	1,599
Oysters	500	8,133	493	504	8,063	555
Perch, White	575	7,045	632	588	7,224	672
Perch, Yellow	385	5,013	426	389	4,038	446
Porgies	295	2,536	305	305	2,478	332
Scallop, Bay	96	675	97	89	446	94
Scup	15	21	16	47	94	50
Sea Basses	430	3,993	446	514	3,630	546
Seatrout, Spotted	1,217	10,924	1,360	1,210	9,502	1,364
Shad, American	566	5,666	605	614	5,201	639
Shad, Gizzard	186	2,556	205	261	3,473	279
Shad, Hickory	439	2,701	460	516	3,635	540
Sharks	271	1,800	269	296	1,569	289
Sharks, Dogfishes	251	2,791	256	291	3,379	295
Shellfish, Other	525	5,007	586	622	5,847	690
Shrimp, Brown	0	0	0	0	0	0
Shrimp, Pink	0	0	0	0	0	0
Shrimp, Unclassified	911	20,444	1,057	865	17,084	1,073
Shrimp, White	0	0	0	0	0	0
Snappers	261	2,208	262	251	1,908	269
Spadefish	301	1,907	354	213	1,375	244
Spot	1,396	13,762	1,568	1,357	12,334	1,545
Striped Bass	814	8,715	896	612	6,639	655
Swordfish	28	171	15	32	198	23
Tilefishes	106	775	103	78	562	75
Triggerfish	302	2,303	314	253	1,745	270
Tunas	553	4,524	550	483	3,228	484
Wahoo	178	401	172	189	439	187
Weakfish	1,420	21,235	1,578	1,318	17,653	1,466

**Table 39. Number of participants, vessels, and trips for specific species from 1994 to 2005
(continued).**

Fish	1995			1994		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	277	1,690	293	303	1,666	321
Blue Crabs, Hard	2,104	110,218	2,664	2,008	109,603	2,445
Blue Crabs, Peeler	865	19,522	1,034	722	14,181	801
Blue Crabs, Soft	487	8,959	545	404	7,198	451
Bluefish	1,161	13,894	1,276	1,054	11,045	1,159
Catfishes	792	14,693	904	763	16,015	876
Clams, Hard	1,753	50,605	1,877	1,686	53,008	1,760
Croaker, Atlantic	1,432	18,265	1,637	1,287	14,349	1,495
Dolphinfish	506	2,430	531	403	1,853	452
Drum, Red	1,036	7,496	1,151	803	4,065	892
Eel, American	108	438	115	89	358	98
Finfish, Other	1,997	25,405	2,222	2,002	24,431	2,237
Flounder, Southern	2,278	45,747	2,708	2,196	42,461	2,569
Flounder, Summer	481	2,163	470	454	3,455	488
Goosefish	202	751	175	151	838	152
Groupers	382	3,918	411	416	4,507	459
Herring, River	232	2,912	241	232	3,657	248
Herring, Thread	4	17	5	19	40	19
Hog Snapper	118	643	138	100	520	114
Kingfishes	937	12,495	1,059	830	11,088	945
Mackerel, King	667	4,679	723	716	4,987	771
Mackerel, Spanish	608	4,304	675	657	4,710	741
Menhaden, Atlantic	137	964	141	125	1,104	137
Mullet, Striped	1,457	13,819	1,603	1,366	13,649	1,523
Oysters	584	8,767	626	549	7,268	563
Perch, White	517	6,077	578	533	7,404	604
Perch, Yellow	330	3,622	357	362	4,566	407
Porgies	349	3,016	384	410	3,560	442
Scallop, Bay	284	2,105	291	191	788	201
Scup	65	124	66	40	122	45
Sea Basses	525	3,959	576	583	5,075	648
Seatrout, Spotted	1,548	16,855	1,778	1,399	13,659	1,570
Shad, American	578	4,312	608	488	4,088	514
Shad, Gizzard	198	2,576	212	178	2,922	199
Shad, Hickory	427	2,738	445	351	2,116	356
Sharks	321	2,170	321	358	2,345	386
Sharks, Dogfishes	265	2,602	267	213	2,437	220
Shellfish, Other	688	6,785	743	663	6,061	740
Shrimp, Brown	0	0	0	0	0	0
Shrimp, Pink	0	0	0	0	0	0
Shrimp, Unclassified	1,080	23,890	1,255	989	21,746	1,229
Shrimp, White	0	0	0	0	0	0
Snappers	295	2,335	316	342	2,805	359
Spadefish	236	1,470	270	192	1,097	218
Spot	1,298	11,468	1,437	1,246	10,897	1,404
Striped Bass	747	6,540	816	546	3,345	587
Swordfish	38	222	19	19	142	19
Tilefishes	90	553	99	105	547	118
Triggerfish	277	2,071	297	317	2,326	348
Tunas	577	4,107	569	533	4,101	554
Wahoo	281	784	268	192	447	201
Weakfish	1,455	20,564	1,640	1,355	17,414	1,491

Table 40. Number of participants and total ex-vessel value of product for various income ranges from 1994 to 2005.

Range of ex-vessel value (\$)	1994		1995	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,347	\$254,763	1,258	\$246,059
500-999	445	\$323,517	439	\$325,521
1,000-4,999	1,318	\$3,331,090	1,248	\$3,215,110
5,000-9,999	636	\$4,616,752	620	\$4,591,838
10,000-24,999	786	\$12,708,115	877	\$14,397,331
25,000-49,999	444	\$15,300,019	549	\$19,709,064
50,000-99,999	244	\$16,999,480	341	\$23,505,900
100,000-249,999	75	\$10,354,694	138	\$19,647,298
250,000-499,999	16	\$4,776,628	17	\$5,803,217
Over 500,000	7	\$22,669,072	7	\$19,142,674

Range of ex-vessel value (\$)	1996		1997	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,208	\$227,528	1,209	\$225,550
500-999	407	\$296,582	414	\$299,703
1,000-4,999	1,142	\$2,870,787	1,111	\$2,868,317
5,000-9,999	585	\$4,300,422	548	\$3,992,474
10,000-24,999	830	\$13,751,596	858	\$14,165,232
25,000-49,999	570	\$20,015,175	577	\$20,630,354
50,000-99,999	335	\$23,173,483	306	\$20,771,198
100,000-249,999	116	\$16,548,002	118	\$16,741,467
250,000-499,999	10	\$2,975,607	14	\$4,418,848
Over 500,000	5	\$21,539,007	6	\$24,982,087

Range of ex-vessel value (\$)	1998		1999	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,043	\$206,059	1,195	\$222,419
500-999	405	\$289,624	411	\$301,462
1,000-4,999	993	\$2,562,963	1,035	\$2,580,559
5,000-9,999	490	\$3,570,303	483	\$3,492,201
10,000-24,999	738	\$12,369,748	754	\$12,468,067
25,000-49,999	524	\$18,980,206	526	\$18,642,443
50,000-99,999	347	\$23,763,125	287	\$19,665,628
100,000-249,999	138	\$18,962,975	132	\$18,295,302
250,000-499,999	8	\$2,672,040	16	\$5,292,306
Over 500,000	3	\$17,643,792	4	\$18,346,696

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.

Table 40. Number of participants and total ex-vessel value of product for various income ranges from 1994 to 2005 (continued).

Range of ex-vessel value (\$)	2000		2001	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,157	\$220,605	1,240	\$234,717
500-999	416	\$298,850	442	\$321,039
1,000-4,999	1,055	\$2,704,392	1,141	\$2,905,560
5,000-9,999	522	\$3,773,031	559	\$4,077,868
10,000-24,999	727	\$11,979,422	727	\$11,817,523
25,000-49,999	569	\$19,971,132	507	\$17,948,821
50,000-99,999	358	\$24,736,726	311	\$21,630,396
100,000-249,999	189	\$26,945,468	133	\$18,698,271
250,000-499,999	29	\$9,203,909	11	\$3,503,183
Over 500,000	8	\$8,488,333	6	\$6,990,922

Range of ex-vessel value (\$)	2002		2003	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,121	\$211,613	1,020	\$189,453
500-999	389	\$280,584	370	\$265,344
1,000-4,999	1,044	\$2,642,757	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	\$15,952,800	412	\$14,757,478
50,000-99,999	338	\$23,557,270	327	\$22,306,563
100,000-249,999	160	\$23,253,269	153	\$22,514,646
250,000-499,999	22	\$6,876,720	13	\$4,216,928
Over 500,000	5	\$7,604,274	5	\$6,111,985

Range of ex-vessel value (\$)	2004		2005	
	Participants	Value (\$)	Participants	Value (\$)
1-499	914	\$176,549	845	\$178,644
500-999	352	\$254,990	361	\$266,836
1,000-4,999	1,003	\$2,570,821	976	\$2,517,414
5,000-9,999	467	\$3,298,532	447	\$3,214,734
10,000-24,999	712	\$11,574,658	583	\$9,497,054
25,000-49,999	423	\$14,853,136	352	\$12,210,601
50,000-99,999	251	\$16,884,609	214	\$14,732,749
100,000-249,999	105	\$15,659,718	89	\$12,676,390
250,000-499,999	21	\$6,765,765	18	\$5,757,588
Over 500,000	7	\$7,705,359	5	\$3,834,335

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.

Table 41. Number of dealers and total ex-vessel value of product purchased from licensed fishermen for various income ranges from 1994 to 2005.

Range of ex-vessel value (\$)	1994		1995		1996	
	Dealers	Value (\$)	Dealers	Value (\$)	Dealers	Value (\$)
1-499	89	\$18,397	112	\$21,974	82	\$16,595
500-999	50	\$35,522	42	\$30,196	49	\$36,150
1,000-4,999	137	\$332,508	157	\$436,792	151	\$409,797
5,000-9,999	53	\$385,533	73	\$521,161	72	\$503,063
10,000-24,999	49	\$837,156	61	\$1,000,150	95	\$1,491,527
25,000-49,999	44	\$1,476,468	65	\$2,262,888	60	\$2,162,191
50,000-99,999	36	\$2,459,653	43	\$3,033,077	46	\$3,228,192
100,000-249,999	57	\$9,343,289	59	\$10,099,581	53	\$8,647,107
250,000-499,999	45	\$16,447,767	41	\$14,932,125	39	\$14,325,989
500,000-999,999	30	\$21,152,509	37	\$27,916,785	36	\$26,824,338
Over 1,000,000	23	\$38,845,328	27	\$50,329,281	30	\$48,053,269

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	\$1,451,837	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	\$7,599,681	56	\$9,066,211	62	\$9,849,972
250,000-499,999	49	\$17,699,447	48	\$17,512,727	48	\$17,356,415
500,000-999,999	37	\$24,986,594	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	\$11,105,970	57	\$9,456,782	48	\$7,648,710
250,000-500,000	28	\$10,073,841	43	\$14,761,308	35	\$12,401,425
500,000-999,999	38	\$26,037,257	28	\$20,176,174	36	\$24,161,904
Over 1,000,000	28	\$53,083,650	20	\$35,884,267	21	\$42,338,621

Table 41. Number of dealers and total ex-vessel value of product purchased from licensed fishermen for various income ranges from 1994 to 2005 (continued).

Range of ex-vessel value (\$)	2003		2004		2005	
	Dealers	Value (\$)	Dealers	Value (\$)	Dealers	Value (\$)
1-500	75	\$16,135	83	\$18,051	74	\$17,214
500-1,000	37	\$27,208	36	\$26,008	47	\$34,751
1,000-5,000	154	\$393,939	159	\$425,276	136	\$342,573
5,000-10,000	94	\$707,722	76	\$554,552	78	\$577,146
10,000-25,000	94	\$1,543,920	115	\$1,862,188	91	\$1,484,739
25,000-50,000	72	\$2,525,650	58	\$2,027,474	53	\$1,813,582
50,000-100,000	49	\$3,658,403	44	\$2,986,397	51	\$3,459,083
100,000-250,000	60	\$9,950,689	51	\$8,784,023	40	\$6,904,504
250,000-500,000	31	\$10,596,992	41	\$14,336,560	36	\$12,131,164
500,000-999,999	32	\$22,723,748	23	\$16,024,986	23	\$16,164,331
Over 1,000,000	18	\$34,978,948	15	\$32,698,622	11	\$21,957,259

Table 42. Total economic impact from commercial fishing in NC from 1994 to 2005.

Year	Ex-Vessel Value	Total Economic Impact	Participants	Jobs Created	Total Jobs
1998	\$101,020,836	\$202,298,440	9,988	895	10,883
1999	\$99,305,354	\$199,505,792	10,316	880	11,196
2000	\$108,325,352	\$192,100,318	10,714	935	11,649
2001	\$88,129,229	\$158,343,688	10,814	761	11,575
2002	\$94,742,403	\$169,396,872	9,998	818	10,816
2003	\$87,123,355	\$155,660,867	9,270	752	10,022
2004	\$79,744,137	\$144,325,825	9,063	688	9,751
2005	\$64,896,645	\$119,503,230	8,286	560	8,846

NOTE: Participants based on total number of licensed participants multiplied by average crew size.

Table 43. Total licenses with ability to sell finfish or shellfish issued and used by product year, July 1 - June 30, 1994 to 2005.

Product Year¹	Licenses Issued	Licenses Used
1994	6,779	4,819
1995	7,535	6,544
1996	7,798	7,148
1997	8,173	6,716
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
2005	8,875	4,499

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.

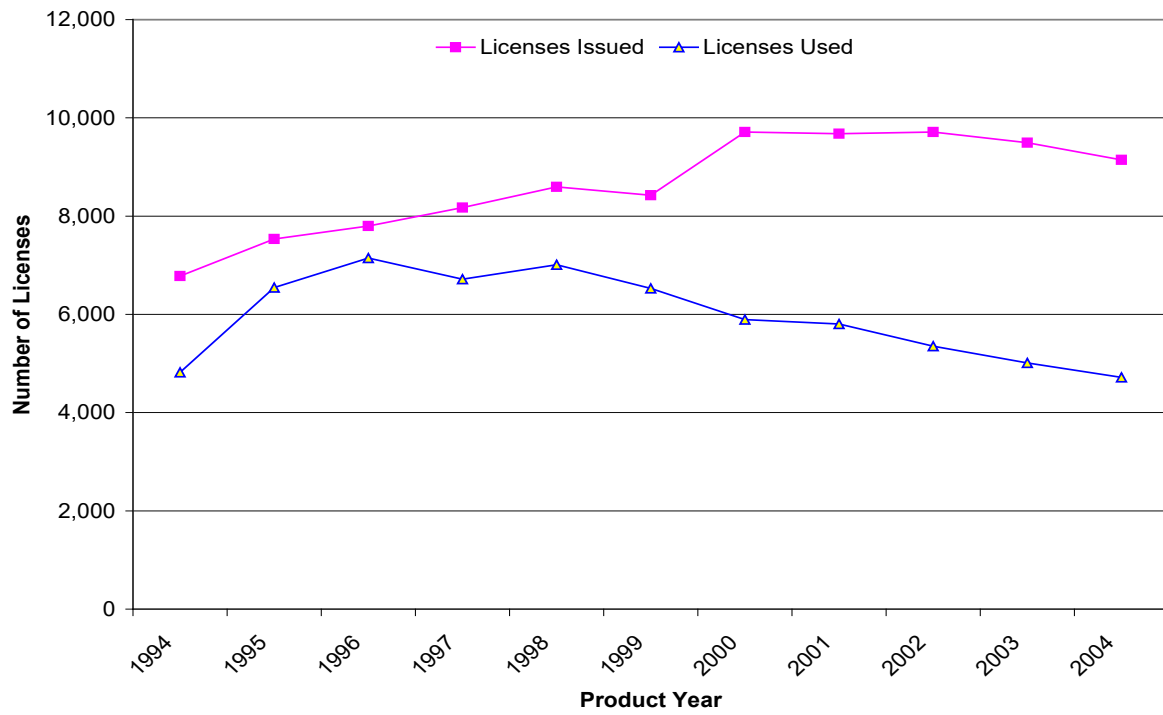


Figure 5. Total licenses with the ability to sell finfish or shellfish issued and used by product year, July 1 - June 30, 1994 to 2005.

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			gutted	1.14		
102			numbers	0.25		
103			carcass	1.35		
105	Amberjack	Seriola spp.	whole	1	Amberjack	30
106			gutted	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	Sphyraena barracuda	whole	1	Finfish, Other	180
126			gutted	1.11	Finfish, Other	
130	Barrelfish	Hyperoglyphe perciformes	whole	1	Finfish, Other	193
131			gutted	1.25	Finfish, Other	
135	Bluefish	Pomatomus saltatrix	whole	1	Bluefish	230
136			gutted	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			gutted	1.25		
						630
165	Carp, Common	Cyprinus carpio	whole	1	Finfish, Other	
170	Catfish, Uncl	Ictalurus punctatus	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	Dermatolepis 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	Cephalopholis cruentata	whole	1	Groupers	1428
336			gutted	1.25		
340	Grouper, Coney	Cephalopholis fulva	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	Opisthonema 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	Chondrichthyes	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	Carcharias 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	2.27		
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

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
706	Tilefish, Gold		gutted	1.09		
707			fillet	2.94		
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.	Penaeus spp.	mixed (all sizes)	1	Shrimp, Uncl.	7360

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
894	Shrimp, Uncl.		numbers	0.01		
899			dozens	0.12		
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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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			

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).

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

330	Crab Pot →	No. Of Pots Fished →	
334	Peeler Pot →	No. Of Pots Fished →	
205	Crab Trawl	340	Eel Pot
805	Crab Dredge	425	Gill Net Set (Float)
215	Shrimp Trawl	480	Gill Net Set (Sink)
275	Pound Net	475	Gill Net Runaround

CIRCLE ONE WATERBODY WHERE MOST OF CATCH WAS MADE

01	Albemarle Sound	30	New River
02	Alligator River	31	Newport River
03	Bay River	43	North River/Back Sound
05	Bogue Sound	33	Pamlico River
06	Cape Fear River	34	Pamlico Sound
07	Chowan River	35	Pasquotank River
08	Core Sound	36	Perquimans River
09	Croatan Sound	52	Pungo River
10	Currituck Sound	37	Roanoke 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

KIND	CODE	POUNDS UNITS	UNIT PRICE	TOTAL PRICE
Black Drum	2100			
Bluefish	Mixed 1350			
Catfish	Mixed 1700			
Croaker	Small 1952			
	Med. 1953			
Flounder	Med. 2303			
	Lg. 2304			
	Jumbo 2305			
Gray Trout	Pan 5252			
	Med. 5253			
Jumping Mullet	4350			
Puppy/Red Drum	Redfish 2150			
Sea Mullet	4000			
Sheepshead	6000			
Speckled Trout	5300			
Spot	6750			
White Perch	7650			
Yellow Perch	7800			

3 - NORTH CAROLINA TRIP TICKET (CRAB)

		TRANSACTION #		
KIND	CODE	POUNDS UNITS	UNIT PRICE	TOTAL PRICE
Hard Crabs	Straight (LB)	8000		
	Culls (LB)	8006		
	No. 1 (LB)	8001		
	No. 2 (LB)	8002		
	No. 3 (LB)	8003		
	Jumbos (LB)	8005		
Hard Crabs	Straight (BU)	8010		
	No. 1 (BU)	8011		
	No. 2 (BU)	8012		
	No. 3 (BU)	8013		
Peeler Crabs	Number	8060		
	Dozens	8070		
Soft Crabs	Number	8110		
	Hotels	Number 8112		
	Primes	Number 8113		
	Jumbos	Number 8114		
	Slabs/Whales	Number 8115		
Dead Soft Crabs	Number	8130		
Soft Crabs	Dozens	8120		
	Hotels	Dozens 8122		
	Primes	Dozens 8123		
	Jumbos	Dozens 8124		
	Slabs/Whales	Dozens 8125		
Conchs/Whelks	Shell Weight	9160		
Stone Crabs	Pounds Claws	8150		
American Eels		2200		
DEDUCTED BAIT				
Dealer/Fisherman Use				

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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 #	
---------------	--

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	NO

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

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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).

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:	

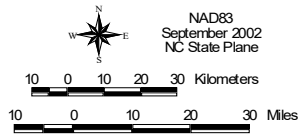
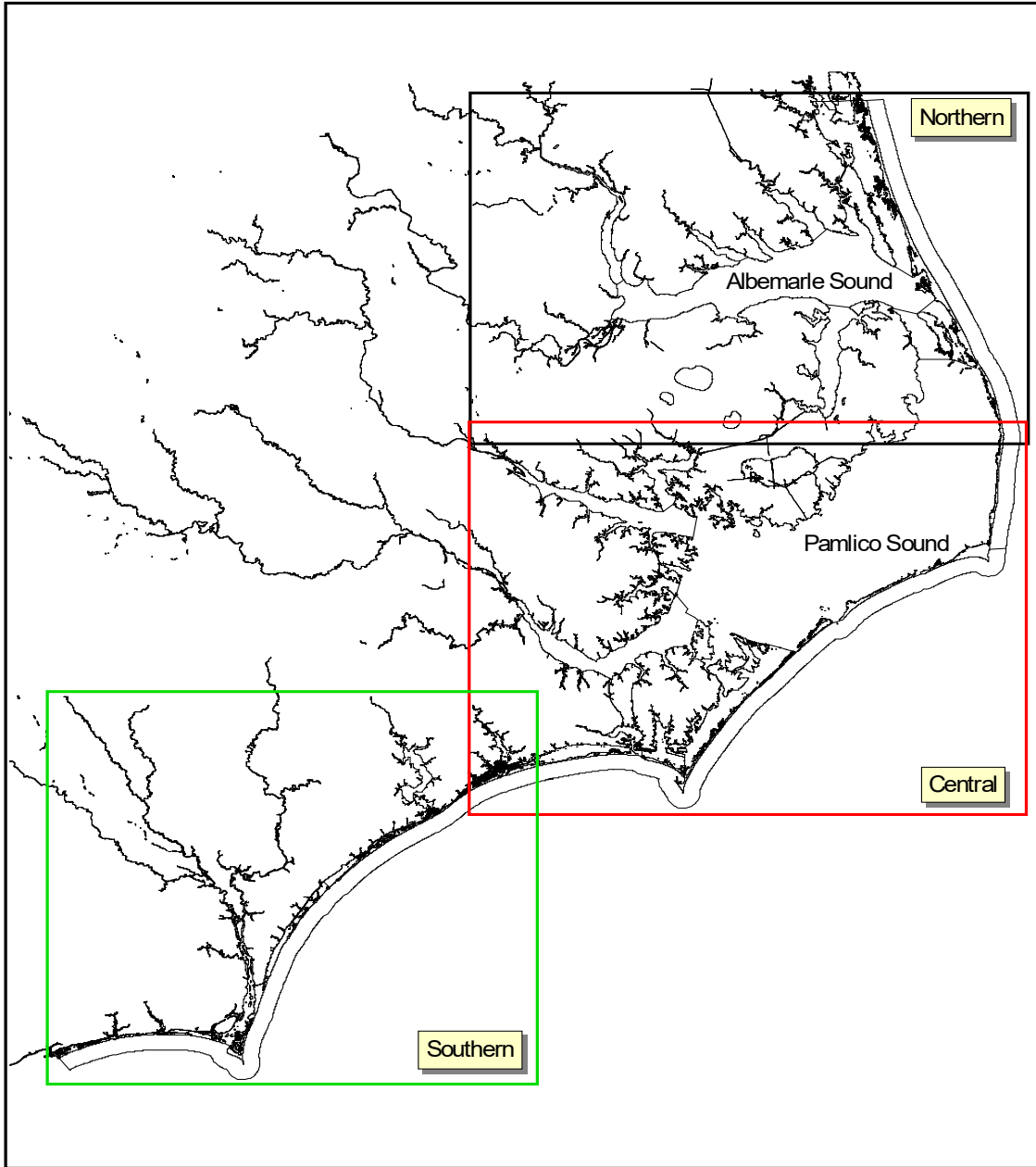
01	Albemarle Sound	11	Lockwood Folly	52	Pungo River
02	Alligator River	12	Masonboro Sound	36	Perquimans River
03	Bay River	29	Neuse River	37	Roanoke River
05	Bogue Sound	30	New River	45	Roanoke Sound
06	Cape Fear River	31	Newport River	38	Shalotte River
07	Chowan River	43	North River/Back Sound	39	Stump 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 Codes and 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

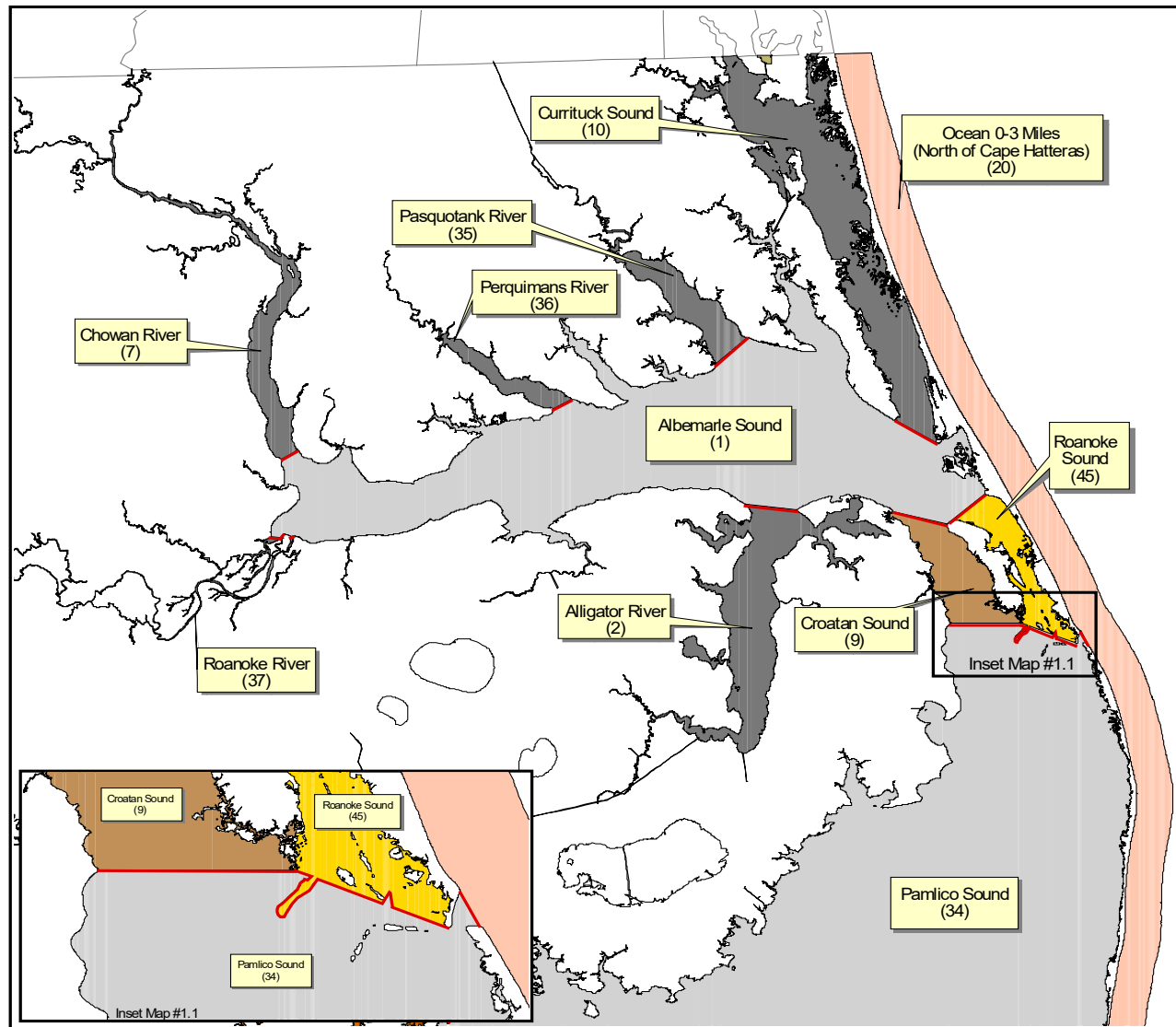
Appendix 3. Trip Ticket Waterbody Codes and Maps (continued).



NC Division of Marine Fisheries
Trip Ticket Water Bodies



Appendix 3. Trip Ticket Waterbody Codes and Maps (continued).



North Carolina
Division of
Marine Fisheries

Trip Ticket
Water Bodies

Northern Area



NAD83
September 2002
NC State Plane

6 0 6 12 Kilometers

5 0 5 10 Miles



Appendix 3. Trip Ticket Waterbody Codes and 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

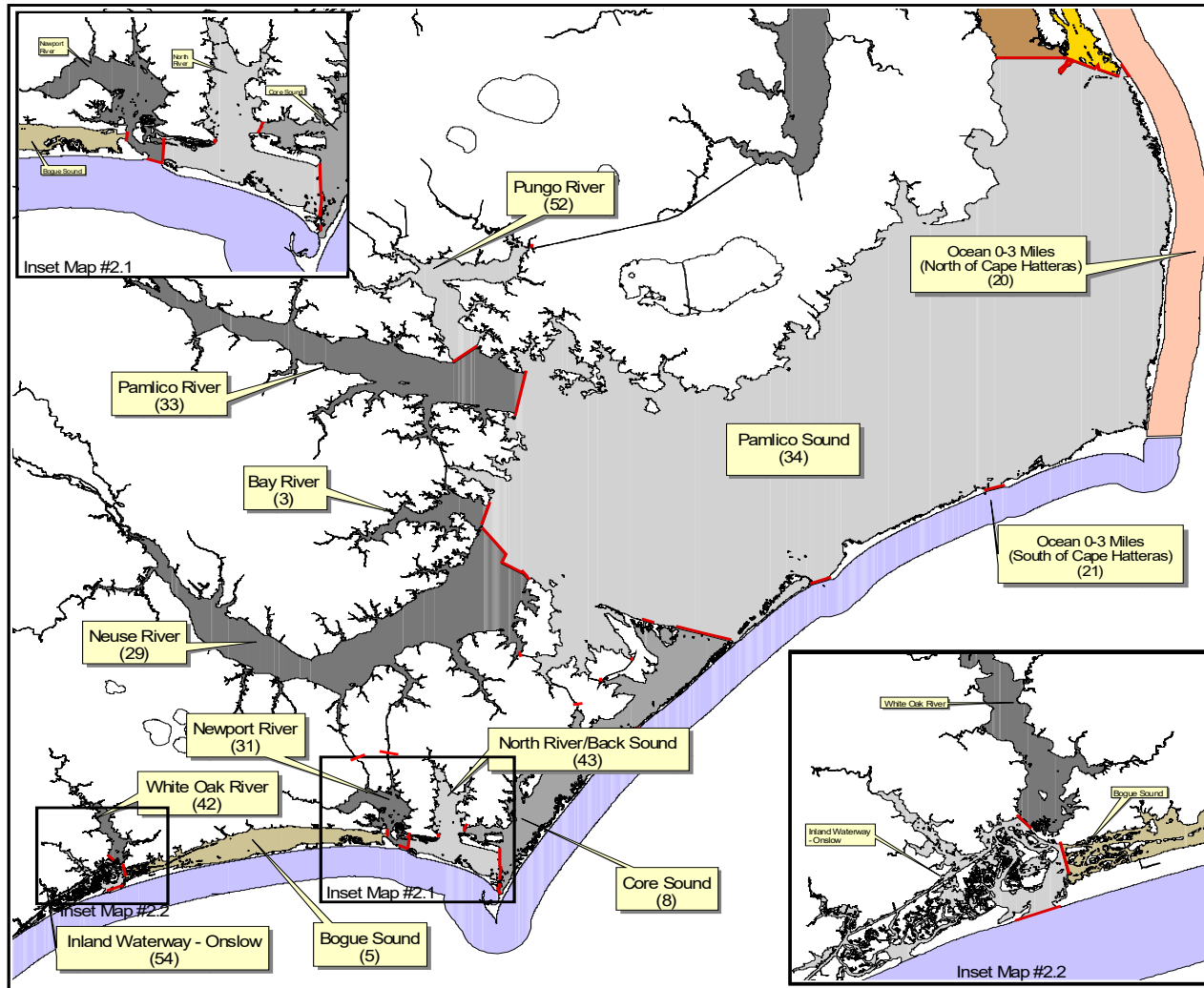
Kitty Hawk Bay
Shallowbag Bay
Broad Creek
Colington Creek
Buzzard Bay

Ocean 0-3 miles North of

Cape Hatteras

North of Cape Point

Appendix 3. Trip Ticket Waterbody Codes and Maps (continued).



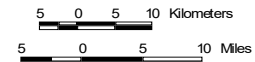
North Carolina
Division of
Marine Fisheries

Trip Ticket
Water Bodies

Central Area



NAD83
September 2002
NC State Plane



Appendix 3. Trip Ticket Waterbody Codes and 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

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

**Ocean 0-3
Miles North of
Cape Hatteras**

North of Cape Point

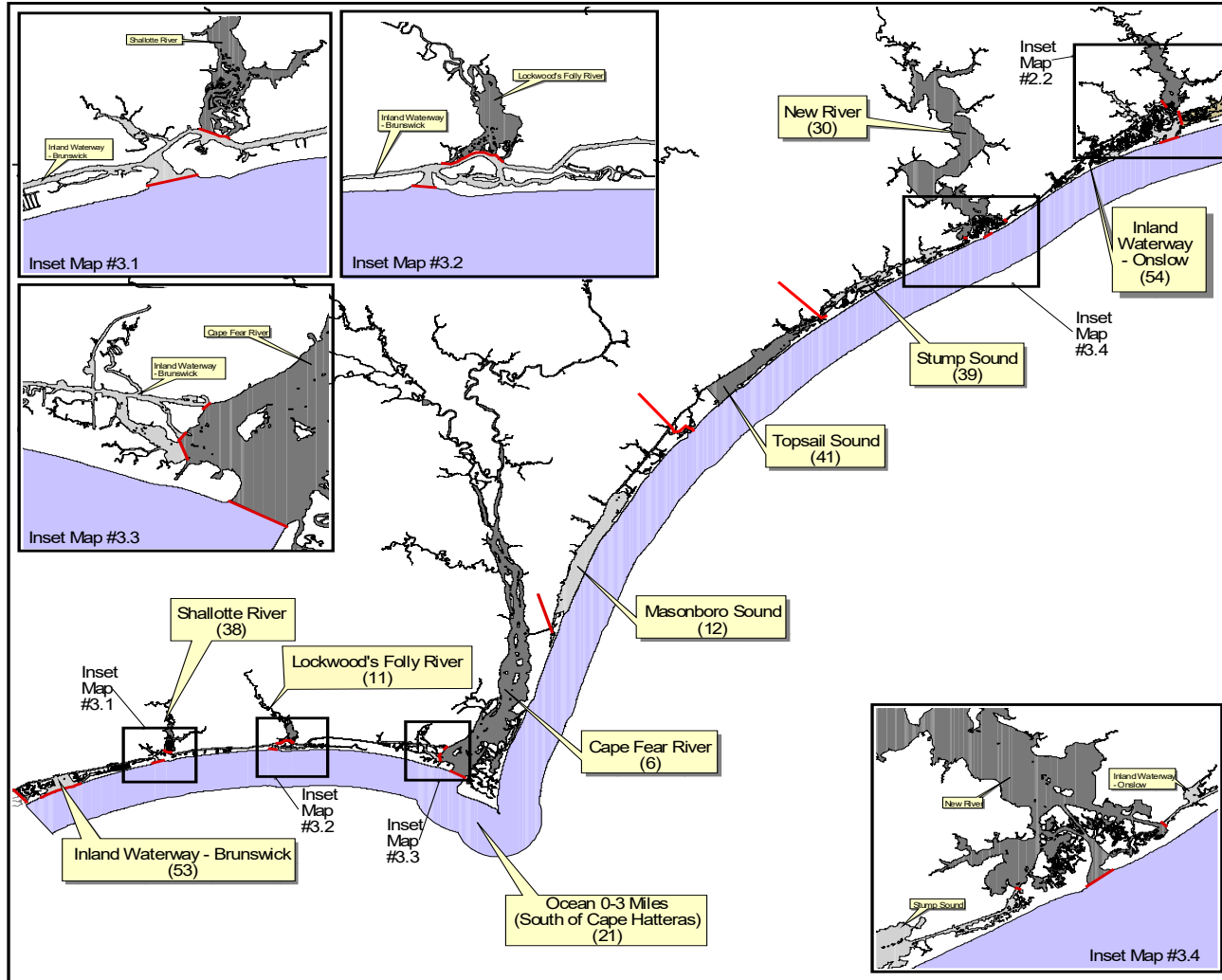
**Ocean 0-3 Miles
South of Cape
Hatteras**

South of Cape Point

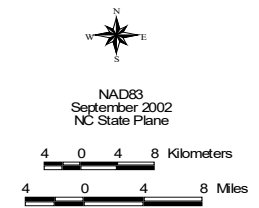
**White Oak
River**

Pettiford Creek Bay

Appendix 3. Trip Ticket Waterbody Codes and Maps (continued).



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



Appendix 3. Trip Ticket Waterbody Codes and 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

Chapter III: NORTH CAROLINA MARINE RECREATIONAL FISHERY STATISTICS SURVEY

TABLE OF CONTENTS

LIST OF TABLES.....	III-1
LIST OF FIGURES	III-2
PROGRAM NARRATIVE	III-5
SURVEY METHODOLOGY	III-6
Dockside Interviews.....	III-6
Telephone Survey	III-8
Effort Estimates	III-9
Catch Estimates	III-10
Precision of Estimates	III-12
SURVEY LIMITATIONS.....	III-14
GLOSSARY	III-100
DATA ELEMENTS	III-103
CONTACTS	III-104

LIST OF TABLES

Table 44. Atlantic bonito recreational catch in North Carolina by year, 1989-2005.....	III-17
Table 45. Atlantic bonito recreational harvest by state, 2005.	III-18
Table 46. Atlantic croaker recreational catch in North Carolina by year, 1989-2005.	III-19
Table 47. Atlantic croaker recreational harvest by state, 2005.	III-20
Table 48. Black drum recreational catch in North Carolina by year, 1989-2005.	III-21
Table 49. Black drum recreational harvest by state, 2005.	III-22
Table 50. Black sea bass recreational catch in North Carolina by year, 1989-2005.	III-23
Table 51. Black sea bass recreational harvest by state, 2005.	III-24
Table 52. Bluefish recreational catch in North Carolina by year, 1989-2005.	III-25
Table 53. Bluefish recreational harvest by state, 2005.	III-26
Table 54. Cobia recreational catch in North Carolina by year, 1989-2005.	III-27
Table 55. Cobia recreational harvest by state, 2005.	III-28
Table 56. Dolphinfish recreational catch in North Carolina by year, 1989-2005.	III-29
Table 57. Dolphinfish recreational harvest by state, 2005.	III-30
Table 58. Florida pompano recreational catch in North Carolina by year, 1989-2005.	III-31
Table 59. Florida pompano recreational harvest by state, 2005.	III-32
Table 60. Gag recreational catch in North Carolina by year, 1989-2005.	III-33
Table 61. Gag recreational harvest by state, 2005.	III-34
Table 62. Greater amberjack recreational catch in North Carolina by year, 1989-2005.	III-35
Table 63. Greater amberjack recreational harvest by state, 2005.	III-36
Table 64. Greater barracuda recreational catch in North Carolina by year, 1989-2005.	III-37
Table 65. Greater barracuda recreational harvest by state, 2005.	III-38
Table 66. Gulf kingfish recreational catch in North Carolina by year, 1989-2005.	III-39
Table 67. Gulf kingfish recreational harvest by state, 2005.	III-40
Table 68. King mackerel recreational catch in North Carolina by year, 1989-2005.	III-41
Table 69. King mackerel recreational harvest by state, 2005.	III-42
Table 70. Northern kingfish recreational catch in North Carolina by year, 1989-2005.	III-43
Table 71. Northern kingfish recreational harvest by state, 2005.	III-44
Table 72. Northern puffer recreational catch in North Carolina by year, 1989-2005.	III-45
Table 73. Northern puffer recreational harvest by state, 2005.	III-46
Table 74. Pigfish recreational catch in North Carolina by year, 1989-2005.	III-47
Table 75. Pigfish recreational harvest by state, 2005.	III-48

Table 76.	Pinfish recreational catch in North Carolina by year, 1989-2005.	III-49
Table 77.	Pinfish recreational harvest by state, 2005.	III-50
Table 78.	Red drum recreational catch in North Carolina by year, 1989-2005.	III-51
Table 79.	Red drum recreational harvest by state, 2005.	III-52
Table 80.	Sheepshead recreational catch in North Carolina by year, 1989-2005.	III-53
Table 81.	Sheepshead recreational harvest by state, 2005.	III-54
Table 82.	Silver perch recreational catch in North Carolina by year, 1989-2005.	III-55
Table 83.	Silver perch recreational harvest by state, 2005.	III-56
Table 84.	Southern flounder recreational catch in North Carolina by year, 1989-2005.	III-57
Table 85.	Southern flounder recreational harvest by state, 2005.	III-58
Table 86.	Southern kingfish recreational catch in North Carolina by year, 1989-2005.	III-59
Table 87.	Southern kingfish recreational harvest by state, 2005.	III-60
Table 88.	Spanish mackerel recreational catch in North Carolina by year, 1989-2005.	III-61
Table 89.	Spanish mackerel recreational harvest by state, 2005.	III-62
Table 90.	Spot recreational catch in North Carolina by year, 1989-2005.	III-63
Table 91.	Spot recreational harvest by state, 2005.	III-64
Table 92.	Spotted seatrout recreational catch in North Carolina by year, 1989-2005.	III-65
Table 93.	Spotted seatrout recreational harvest by state, 2005.	III-66
Table 94.	Striped bass Atlantic Ocean recreational catch in North Carolina by year, 1991-2005.	III-67
Table 95.	Striped bass Atlantic Ocean recreational harvest by state, 2005.	III-68
Table 96.	Summer flounder recreational catch in North Carolina by year, 1989-2005.	III-69
Table 97.	Summer flounder recreational catch by state, 2005.	III-70
Table 98.	Wahoo recreational catch in North Carolina by year, 1989-2005.	III-71
Table 99.	Wahoo recreational catch by state, 2005.	III-72
Table 100.	Weakfish recreational catch in North Carolina by year, 1989-2005.	III-73
Table 101.	Weakfish recreational catch by state, 2005.	III-74
Table 102.	White grunt recreational catch in North Carolina by year, 1989-2005.	III-75
Table 103.	White grunt recreational catch by state, 2005.	III-76
Table 104.	Yellowfin tuna recreational catch in North Carolina by year, 1989-2005.	III-77
Table 105.	Yellowfin tuna recreational catch by state, 2005.	III-78
Table 106.	Large coastal shark recreational catch in North Carolina by year, 1989-2005.	III-79
Table 107.	Large coastal shark recreational catch by state, 2005.	III-80
Table 108.	Small coastal shark recreational catch in North Carolina by year, 1989-2005.	III-81
Table 109.	Small coastal shark recreational catch by state, 2005.	III-82
Table 110.	Pelagic shark recreational catch in North Carolina by year, 1989-2005.	III-83
Table 111.	Pelagic shark recreational catch by state, 2005.	III-84
Table 112.	North Carolina Division of Marine Fisheries highly migratory species landing summary, 2004.	III-85
Table 113.	North Carolina Division of Marine Fisheries highly migratory species landing summary, 2005.	III-85
Table 114.	North Carolina recreational Atlantic bluefin tuna (ABT) landings, January 1999 through May 08, 2006.	III-85
Table 115.	Atlantic Coast saltwater fishing trips by state and mode, 2005.	III-86
Table 116.	Atlantic Coast saltwater anglers by state and type, 2005.	III-87
Table 117.	Saltwater fishing trips in North Carolina by year and mode, 1989-2005.	III-88
Table 118.	Saltwater anglers in North Carolina by year and type.	III-89

LIST OF FIGURES

Figure 6.	North Carolina marine recreational finfish harvest, 2004-2005.	III-15
Figure 7.	Atlantic bonito recreational catch in North Carolina by year, 1989-2005.	III-17
Figure 8.	Atlantic bonito recreational harvest by state, 2005.	III-18
Figure 9.	Atlantic croaker recreational catch in North Carolina by year, 1989-2005.	III-19
Figure 10.	Atlantic croaker recreational harvest by state, 2005.	III-20
Figure 11.	Black drum recreational catch in North Carolina by year, 1989-2005.	III-21

Figure 12.	Black drum recreational harvest by state, 2005.	III-22
Figure 13.	Black sea bass recreational catch in North Carolina by year, 1989-2005.	III-23
Figure 14.	Black sea bass recreational harvest by state, 2005.	III-24
Figure 15.	Bluefish recreational catch in North Carolina by year, 1989-2005.	III-25
Figure 16.	Bluefish recreational harvest by state, 2005.	III-26
Figure 17.	Cobia recreational catch in North Carolina by year, 1989-2005.	III-27
Figure 18.	Cobia recreational harvest by state, 2005.	III-28
Figure 19.	Dolphinfish recreational catch in North Carolina by year, 1989-2005.	III-29
Figure 20.	Dolphinfish recreational harvest by state, 2005.	III-30
Figure 21.	Florida pompano recreational catch in North Carolina by year, 1989-2005.	III-31
Figure 22.	Florida pompano recreational harvest by state, 2005.	III-32
Figure 23.	Gag recreational catch in North Carolina by year, 1989-2005.	III-33
Figure 24.	Gag recreational harvest by state, 2005.	III-34
Figure 25.	Greater amberjack recreational catch in North Carolina by year, 1989-2005.	III-35
Figure 26.	Greater amberjack recreational harvest by state, 2005.	III-36
Figure 27.	Greater barracuda recreational catch in North Carolina by year, 1989-2005.	III-37
Figure 28.	Greater barracuda recreational harvest by state, 2005.	III-38
Figure 29.	Gulf kingfish recreational catch in North Carolina by year, 1989-2005.	III-39
Figure 30.	Gulf kingfish recreational harvest by state, 2005.	III-40
Figure 31.	King mackerel recreational catch in North Carolina by year, 1989-2005.	III-41
Figure 32.	King mackerel recreational harvest by state, 2005.	III-42
Figure 33.	Northern kingfish recreational catch in North Carolina by year, 1989-2005.	III-43
Figure 34.	Northern kingfish recreational harvest by state, 2005.	III-44
Figure 35.	Northern puffer recreational catch in North Carolina by year, 1989-2005.	III-45
Figure 36.	Northern puffer recreational harvest by state, 2005.	III-46
Figure 37.	Pigfish recreational catch in North Carolina by year, 1989-2005.	III-47
Figure 38.	Pigfish recreational harvest by state, 2005.	III-48
Figure 39.	Pinfish recreational catch in North Carolina by year, 1989-2005.	III-49
Figure 40.	Pinfish recreational harvest by state, 2005.	III-50
Figure 41.	Red drum recreational catch in North Carolina by year, 1989-2005.	III-51
Figure 42.	Red drum recreational harvest by state, 2005.	III-52
Figure 43.	Sheepshead recreational catch in North Carolina by year, 1989-2005.	III-53
Figure 44.	Sheepshead recreational harvest by state, 2005.	III-54
Figure 45.	Silver perch recreational catch in North Carolina by year, 1989-2005.	III-55
Figure 46.	Silver perch recreational harvest by state, 2005.	III-56
Figure 47.	Southern flounder recreational catch in North Carolina by year, 1989-2005.	III-57
Figure 48.	Southern flounder recreational harvest by state, 2005.	III-58
Figure 49.	Southern kingfish recreational catch in North Carolina by year, 1989-2005.	III-59
Figure 50.	Southern kingfish recreational harvest by state, 2005.	III-60
Figure 51.	Spanish mackerel recreational catch in North Carolina by year, 1989-2005.	III-61
Figure 52.	Spanish mackerel recreational harvest by state, 2005.	III-62
Figure 53.	Spot recreational catch in North Carolina by year, 1989-2005.	III-63
Figure 54.	Spot recreational harvest by state, 2005.	III-64
Figure 55.	Spotted seatrout recreational catch in North Carolina by year, 1989-2005.	III-65
Figure 56.	Spotted seatrout recreational harvest by state, 2005.	III-66
Figure 57.	Striped bass Atlantic Ocean recreational catch in North Carolina by year, 1991-2005.	III-67
Figure 58.	Striped bass Atlantic Ocean recreational harvest by state, 2005.	III-68
Figure 59.	Summer flounder recreational catch in North Carolina by year, 1989-2005.	III-69
Figure 60.	Summer flounder recreational harvest by state, 2005.	III-70
Figure 61.	Wahoo recreational catch in North Carolina by year, 1989-2005.	III-71
Figure 62.	Wahoo recreational harvest by state, 2005.	III-72
Figure 63.	Weakfish recreational catch in North Carolina by year, 1989-2005.	III-73
Figure 64.	Weakfish recreational harvest by state, 2005.	III-74
Figure 65.	White grunt recreational catch in North Carolina by year, 1989-2005.	III-75
Figure 66.	White grunt recreational harvest by state, 2005.	III-76
Figure 67.	Yellowfin tuna recreational catch in North Carolina by year, 1989-2005.	III-77

Figure 68.	Yellowfin tuna recreational catch by state, 2005.....	III-78
Figure 69.	Large coastal shark recreational catch in North Carolina by year, 1989-2005.....	III-79
Figure 70.	Large coastal shark recreational harvest by state, 2005.....	III-80
Figure 71.	Small coastal shark recreational catch in North Carolina by year, 1989-2005.....	III-81
Figure 72.	Small coastal shark recreational harvest by state, 2005.....	III-82
Figure 73.	Pelagic shark recreational catch in North Carolina by year, 1989-2005.....	III-83
Figure 74.	Pelagic shark recreational harvest by state, 2005.....	III-84
Figure 75.	Atlantic Coast saltwater fishing trips by state and mode, 2005.....	III-86
Figure 76.	Atlantic Coast saltwater anglers by state and type, 2005.....	III-87
Figure 77.	Saltwater fishing trips in North Carolina by year and mode, 1989-2005.....	III-88
Figure 78.	Saltwater anglers in North Carolina by year and type.....	III-89

LIST OF APPENDICES

Appendix 5.	North Carolina MRFSS sampling locations.....	III-90
Appendix 6.	NCDMF highly migratory species reporting stations.....	III-97
Appendix 7.	2005 North Carolina MRFSS Intercept Form.....	III-98
Appendix 8.	Glossary of terminology in MRFSS survey.....	III-100
Appendix 9.	Data elements in MRFSS survey.....	III-103

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 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 2005, 15,000 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
- Headboats

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 5) 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 7). 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. In 2005, NCDMF began routine sampling of headboats to obtain length data from discards.

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.
- Headboat sampling conducted at sea.

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.
- At sea discards from headboats.

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.

Beginning in 2005, headboat anglers were sampled at sea, allowing accurate identification of type B catch for the first time.

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 +/- 1.96 X (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 +/- (1.96 X 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.

Diadromous 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, 2004-2005.



North Carolina Marine Recreational Finfish Harvest 2004 and 2005



SPECIES	NUMBER 2004	NUMBER 2005	POUNDS 2004	POUNDS 2005
Amberjacks	2,432	1,434	50,051	59,068
Barracudas	3,156	2,593	32,260	29,707
Bluefish	1,042,059	1,246,512	1,027,851	1,112,818
Bonito	4,140	2,137	17,229	9,658
Cobia	9,326	15,465	354,429	383,074
Croaker, Atlantic	472,393	287,815	267,233	141,500
Dolphin	387,639	582,786	2,959,947	5,052,981
Drum, Red	30,165	52,143	114,434	236,754
Drum, Black	108,302	74,445	239,658	168,800
Flounder, Southern	195,576	158,457	422,897	360,948
Flounder, Summer	172,716	126,110	244,984	176,483
Groupers	39,917	40,530	387,966	357,475
Grunts	99,372	73,758	142,422	69,283
Jacks	9,874	54,028	15,333	15,423
Kingfishes	953,734	733,081	438,779	308,201
Mackerel, King	103,650	145,420	1,206,758	1,296,726
Mackerel, Spanish	312,235	313,505	565,352	342,421
Perch, Silver	0	13,827	0	3,719
Pigfish	318,275	341,562	134,615	146,672
Pinfish	275,167	256,930	72,463	75,508
Pompano	333,875	180,039	146,176	73,188
Porgies	24,405	20,545	42,703	32,624
Puffers	90,550	23,051	48,186	10,454
Sea Bass, Black	262,831	176,442	273,033	177,270
Seatrout, Spotted	310,487	507,728	377,776	624,076
Sharks	1,928	1,616	28,644	23,468
Sharks, Dogfish	1,940	5,817	14,257	42,749
Sheepshead	53,265	43,832	239,611	207,221
Snappers	34,437	21,111	58,358	33,693
Spot	3,994,715	3,076,952	1,821,064	1,086,852
Striped Bass ¹	313,717	105,944	6,298,600	2,213,745
Tuna, Bluefin ²	49	16	10,716	2,125
Tuna, Yellowfin	202,575	194,211	5,473,599	5,510,876
Wahoo	24,514	15,394	692,710	464,884
Weakfish	232,433	160,890	267,625	159,884

¹ Striped Bass landings reflect Atlantic Ocean catches only

² 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 ifor 2004; headboat data were collected separately by the National Marine Fisheries Service prior to 2005.

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
2001	11,751,123	24,145,835	16,528,919
2002	10,976,455	17,879,149	14,386,793
2003	13,179,590	22,009,304	14,052,622
2004	14,313,977	25,351,659	18,211,838
2005	12,738,334	22,077,464	16,027,278

North Carolina Marine Recreational Fishing Trip Estimates (number)

Year	Beach/Bank	Charter Boat	Manmade	Private Boat	Headboat ¹	Total
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
2005	2,151,256	197,499	1,971,693	2,330,676	2,233	6,653,357

North Carolina Marine Recreational Angler Participation by Residency (number)

Year	Coastal	Non-Coastal	Out-of-State	Total
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
2005	673,936	280,370	1,406,406	2,360,712

Note: Estimates do not include information from the recreational headboat fishery prior to 2005.

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.

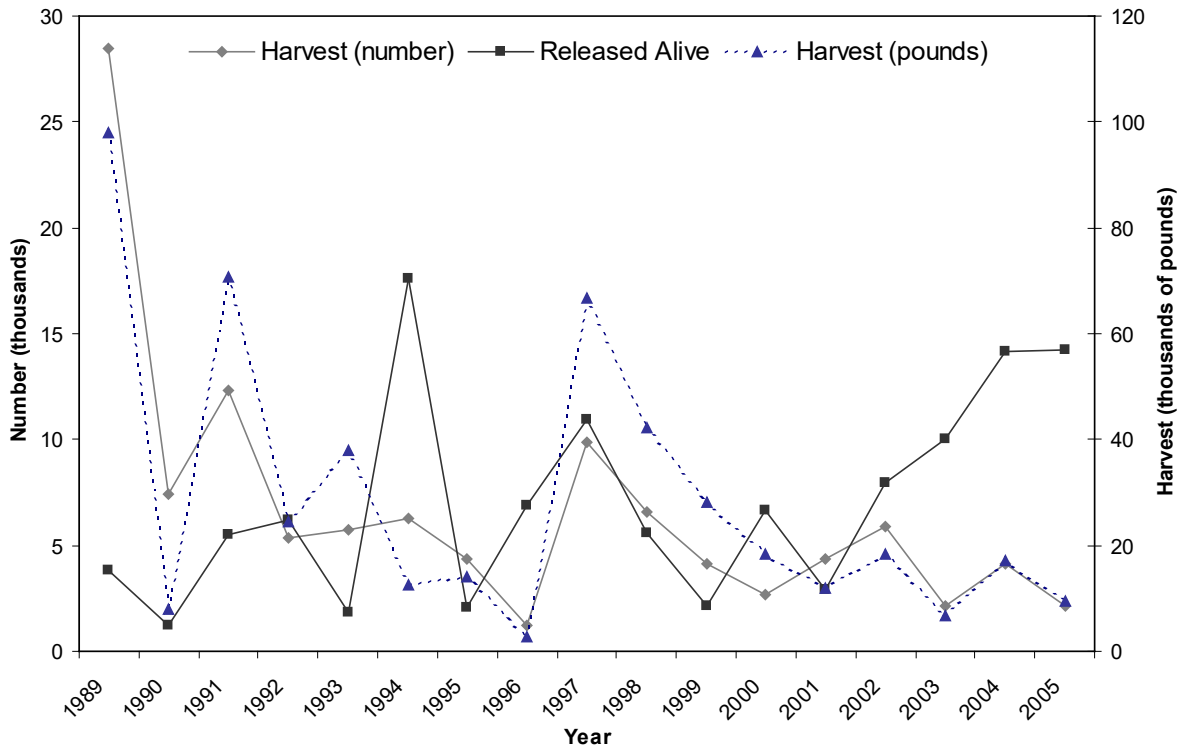


Figure 7. Atlantic bonito recreational catch in North Carolina by year, 1989-2005.

Table 44. Atlantic bonito recreational catch in North Carolina by year, 1989-2005.

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
2005	2,129	70	9,553	66	21.8	4.4	86	14,268	84

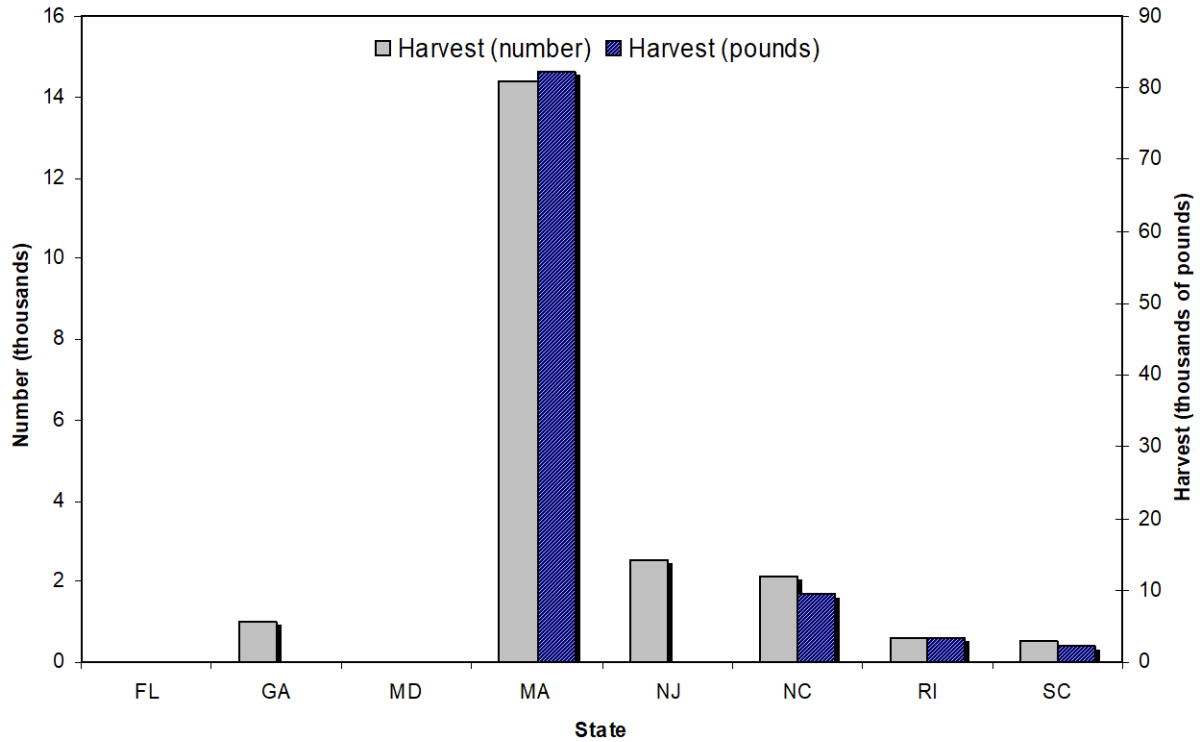


Figure 8. Atlantic bonito recreational harvest by state, 2005.

Table 45. Atlantic bonito recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	0	0	0	0	0.0	0.0	0
Georgia	1,020	88	0	0	0.0	0.0	0
Maryland	17	98	0	0	0.0	0.0	0
Massachusetts	14,412	40	82,340	28	21.9	5.7	49
New Jersey	2,533	82	0	0	0.0	0.0	0
North Carolina	2,129	70	9,553	66	21.8	4.4	86
Rhode Island	600	92	3,391	100	23.0	6.2	100
South Carolina	536	100	2,284	100	0.0	4.2	102

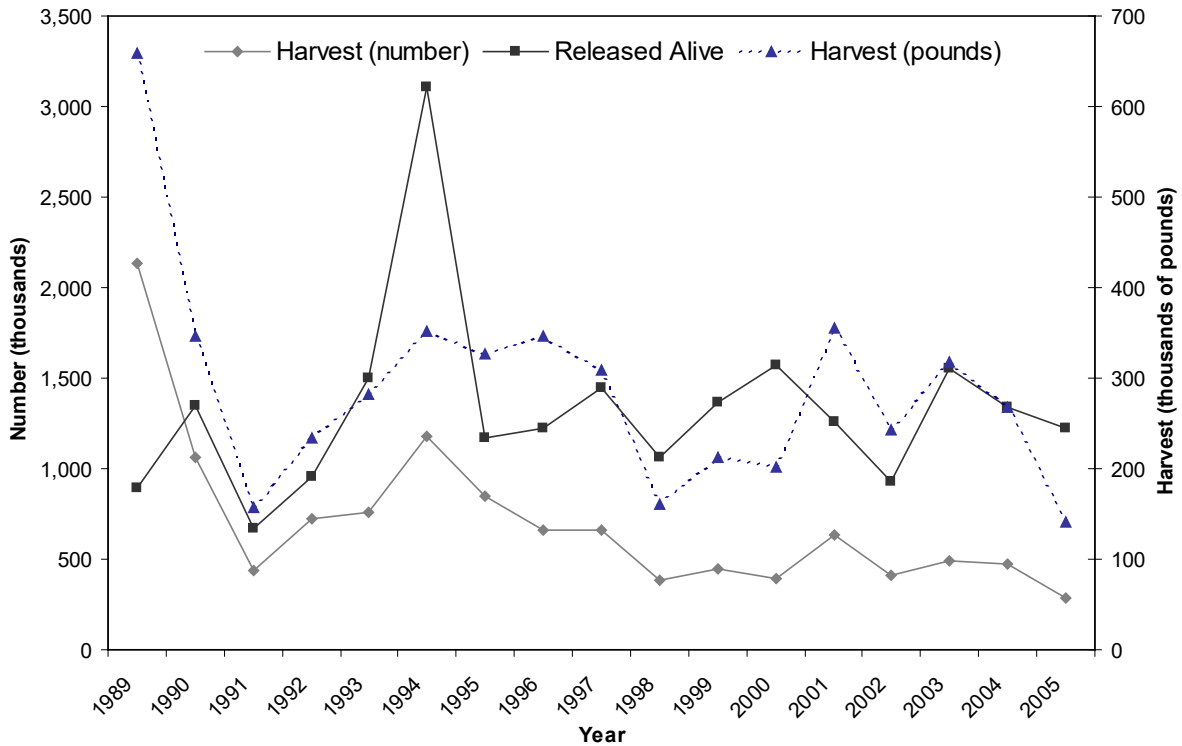


Figure 9. Atlantic croaker recreational catch in North Carolina by year, 1989-2005.

Table 46. Atlantic croaker recreational catch in North Carolina by year, 1989-2005.

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
2005	288,336	22	141,804	23	9.7	0.4	35	1,222,211	8

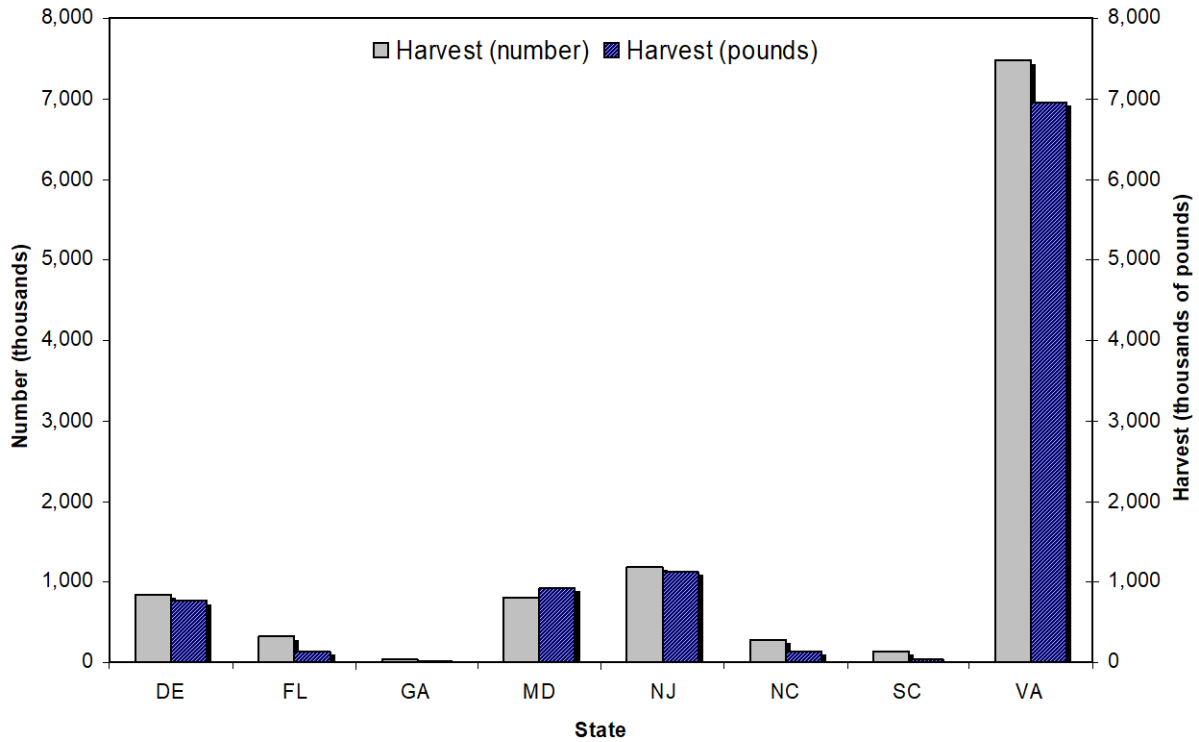


Figure 10. Atlantic croaker recreational harvest by state, 2005.

Table 47. Atlantic croaker recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	848,001	13	770,532	13	12.5	0.9	19
East Florida	326,641	20	139,791	21	10.3	0.4	28
Georgia	39,346	31	13,649	37	8.5	0.4	37
Maryland	811,952	20	927,107	21	13.0	1.1	30
New Jersey	1,190,787	15	1,129,805	16	12.9	0.9	25
North Carolina	288,336	22	141,804	23	9.7	0.4	35
South Carolina	130,727	26	41,239	27	8.4	0.2	53
Virginia	7,471,442	9	6,953,994	9	12.1	0.9	14

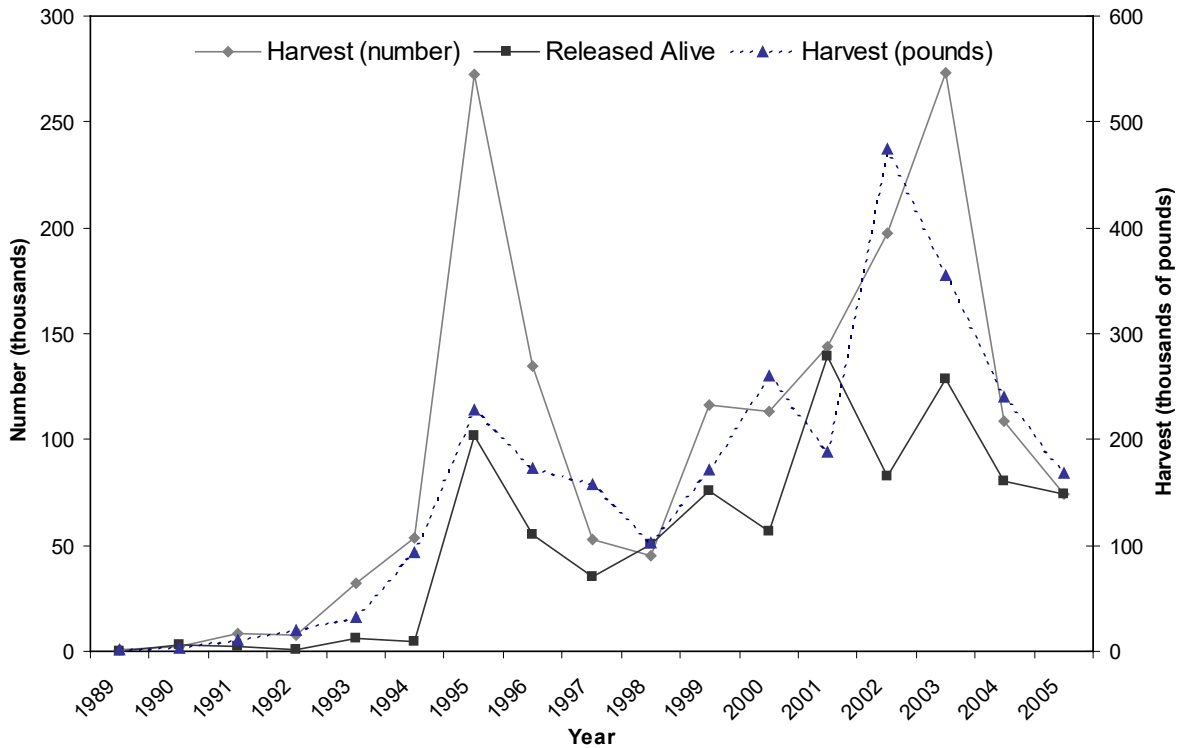


Figure 11. Black drum recreational catch in North Carolina by year, 1989-2005.

Table 48. Black drum recreational catch in North Carolina by year, 1989-2005.

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
2005	74,191	25	168,632	40	12.5	2.2	48	74,547	20

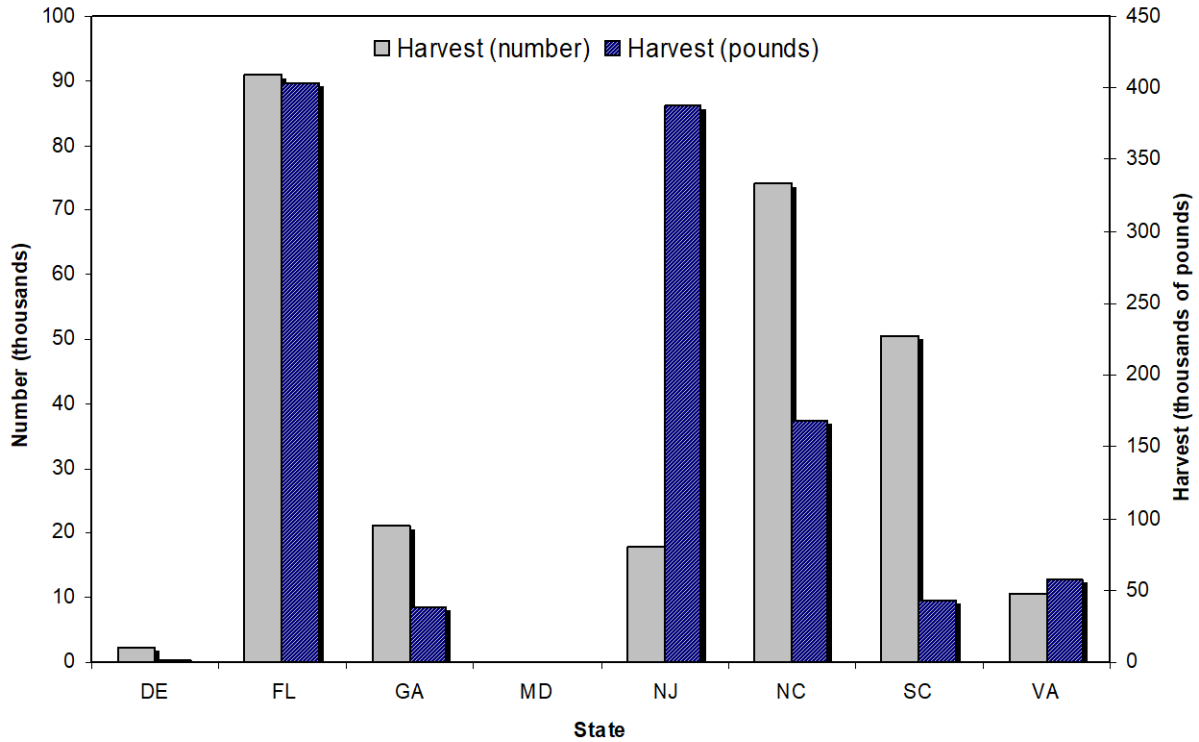


Figure 12. Black drum recreational harvest by state, 2005.

Table 49. Black drum recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	2,250	86	1,250	77	10.5	0.7	79
East Florida	90,915	14	403,812	20	19.1	4.4	24
Georgia	21,230	36	38,706	36	14.7	1.8	51
Maryland	0	0	0	0	0.0	0.0	0
New Jersey	17,881	47	388,336	50	32.8	23.2	65
North Carolina	74,191	25	168,632	40	12.5	2.2	48
South Carolina	50,440	35	43,261	30	10.0	0.9	44
Virginia	10,642	55	58,138	55	18.8	5.5	71

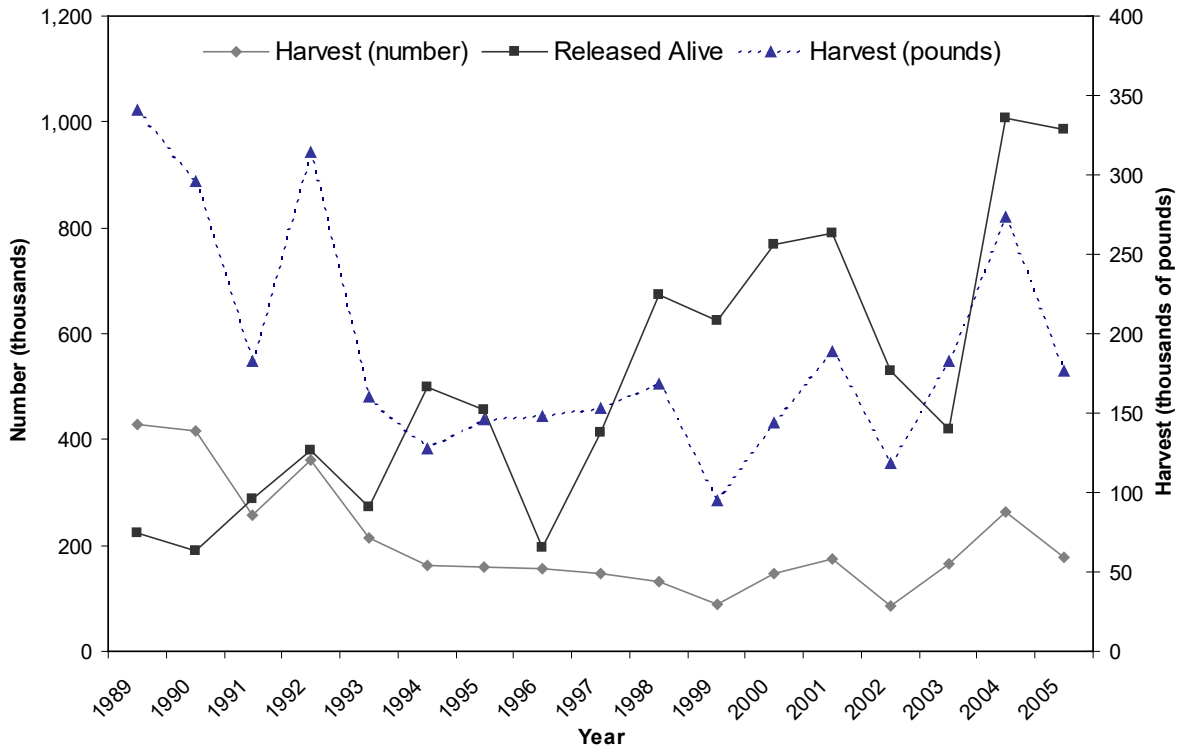


Figure 13. Black sea bass recreational catch in North Carolina by year, 1989-2005.

Table 50. Black sea bass recreational catch in North Carolina by year, 1989-2005.

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
2005	176,152	19	176,719	22	12.7	1.1	26	985,367	8

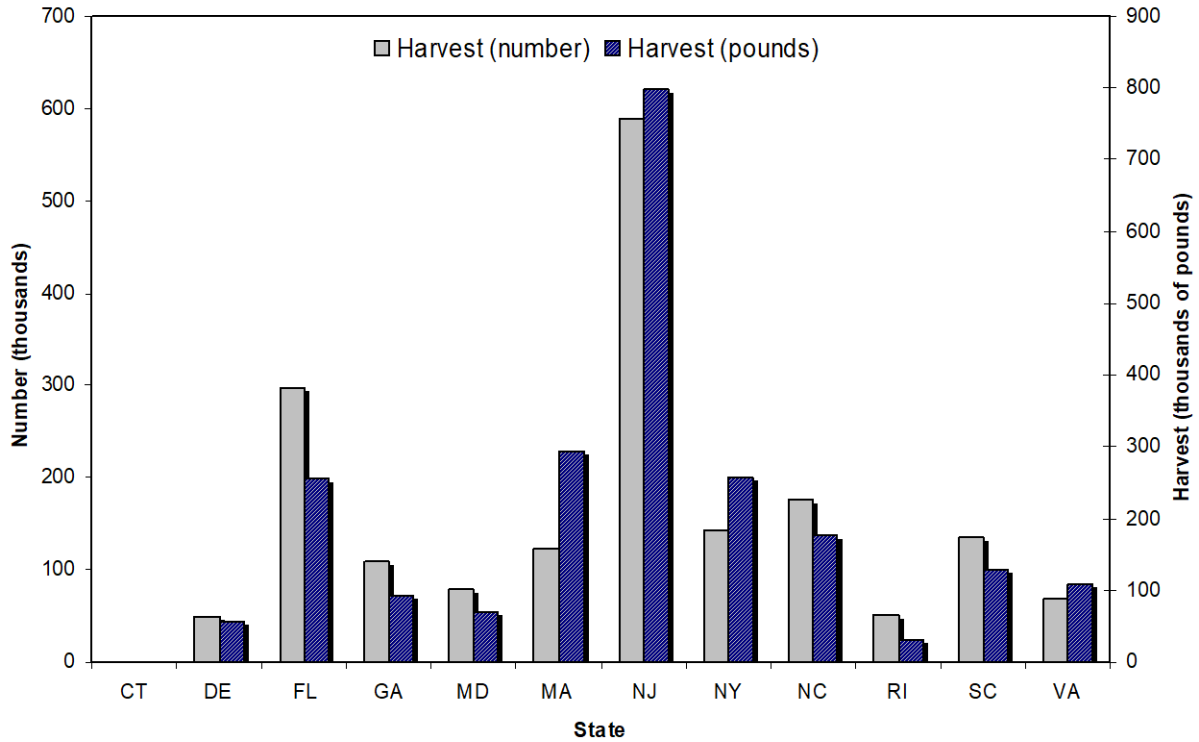


Figure 14. Black sea bass recreational harvest by state, 2005.

Table 51. Black sea bass recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	34	100	66	99	0.0	2.0	97
Delaware	50,029	22	56,497	23	13.4	1.1	32
East Florida	297,703	18	256,080	22	13.4	0.9	28
Georgia	109,331	20	91,828	24	11.6	0.9	29
Maryland	78,880	9	69,355	8	12.5	0.9	12
Massachusetts	123,236	25	294,107	26	17.2	2.9	38
New Jersey	590,036	15	797,342	17	14.2	1.3	23
New York	142,827	29	257,436	36	14.4	1.8	48
North Carolina	176,152	19	176,719	22	12.7	1.1	26
Rhode Island	51,406	35	32,743	23	14.7	1.8	34
South Carolina	135,843	23	128,391	26	11.9	0.9	37
Virginia	68,860	37	108,014	44	13.6	1.8	54

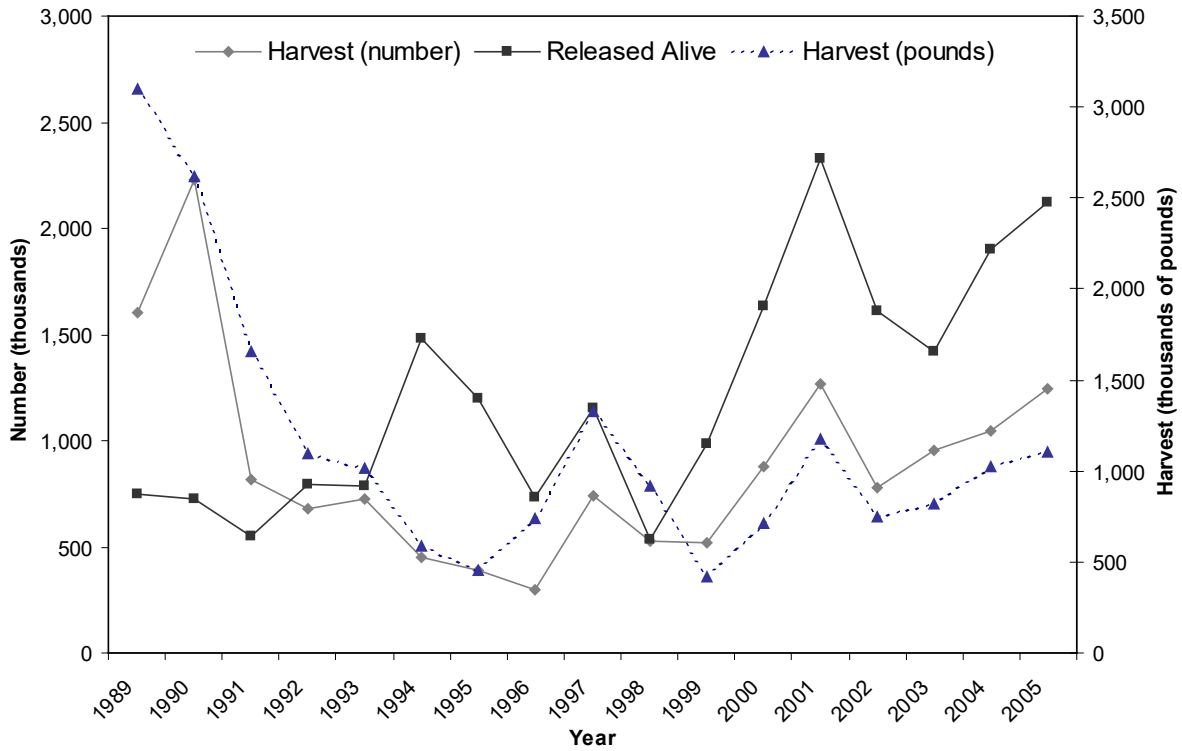


Figure 15. Bluefish recreational catch in North Carolina by year, 1989-2005.

Table 52. Bluefish recreational catch in North Carolina by year, 1989-2005.

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
2005	1,243,669	9	1,108,237	11	12.5	0.9	15	2,122,070	8

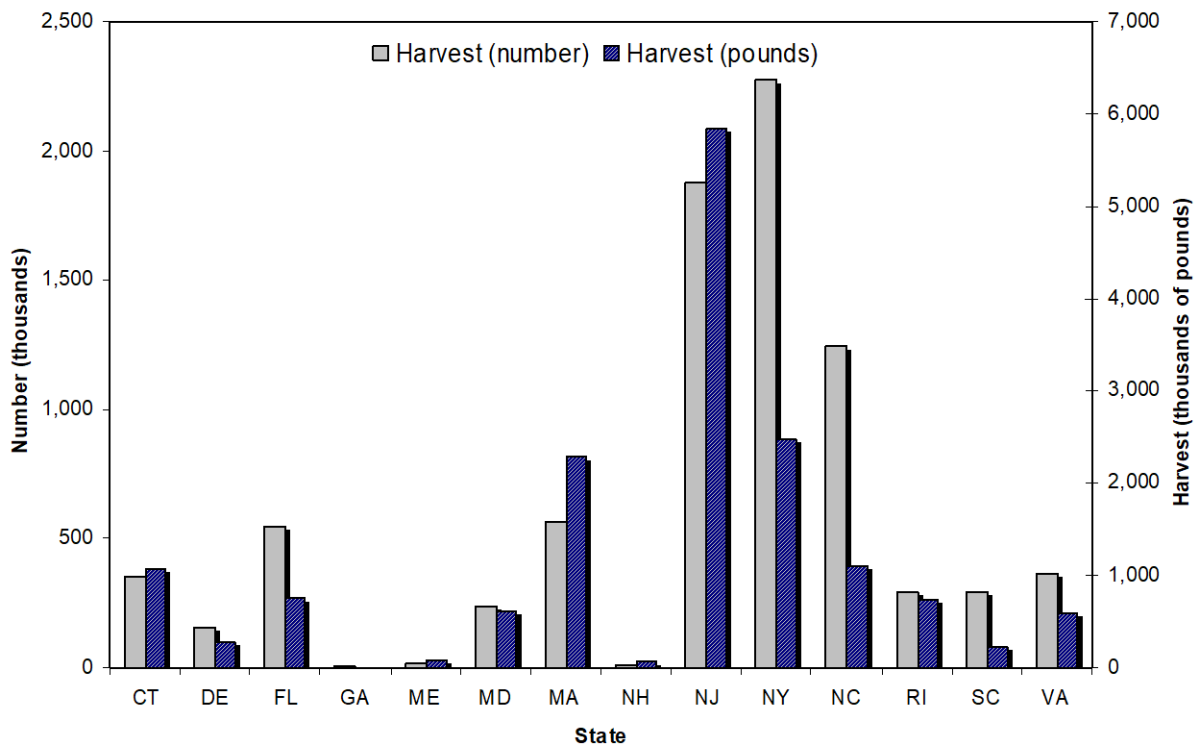


Figure 16. Bluefish recreational harvest by state, 2005.

Table 53. Bluefish recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	354,276	15	1,072,452	16	15.4	3.1	21
Delaware	157,676	14	288,260	14	14.4	1.8	20
East Florida	547,891	11	752,878	12	14.2	1.3	17
Georgia	3,256	59	2,815	57	11.9	0.9	73
Maine	18,662	29	81,284	30	21.3	4.6	42
Maryland	240,906	19	618,443	25	15.9	2.6	30
Massachusetts	568,294	12	2,289,770	13	21.3	4.4	18
New Hampshire	11,296	66	63,437	66	23.9	5.5	84
New Jersey	1,879,237	10	5,843,489	11	18.4	3.1	15
New York	2,275,304	14	2,471,381	13	10.6	1.1	20
North Carolina	1,243,669	9	1,108,237	11	12.5	0.9	15
Rhode Island	296,618	13	738,839	15	16.7	2.6	21
South Carolina	292,507	25	234,979	35	10.4	0.9	38
Virginia	366,226	23	595,392	27	13.5	1.5	37

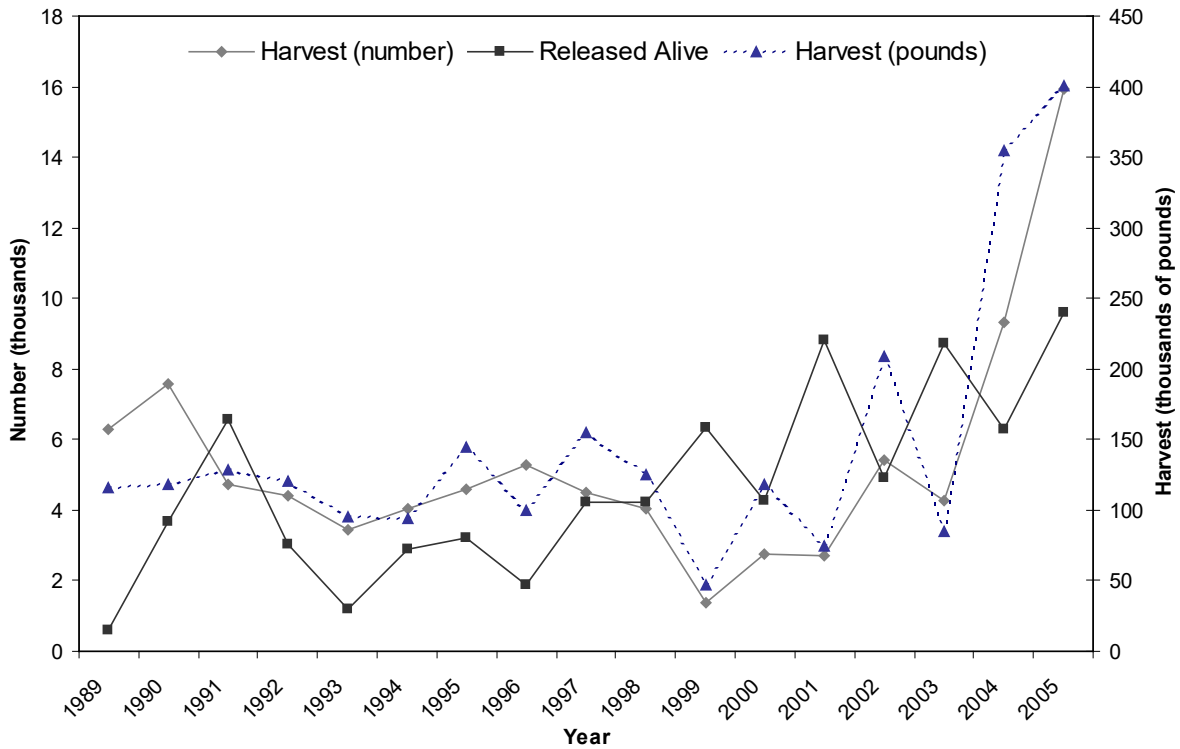


Figure 17. Cobia recreational catch in North Carolina by year, 1989-2005.

Table 54. Cobia recreational catch in North Carolina by year, 1989-2005.

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
2005	15,935	43	400,373	37	39.0	25.1	55	9,583	25

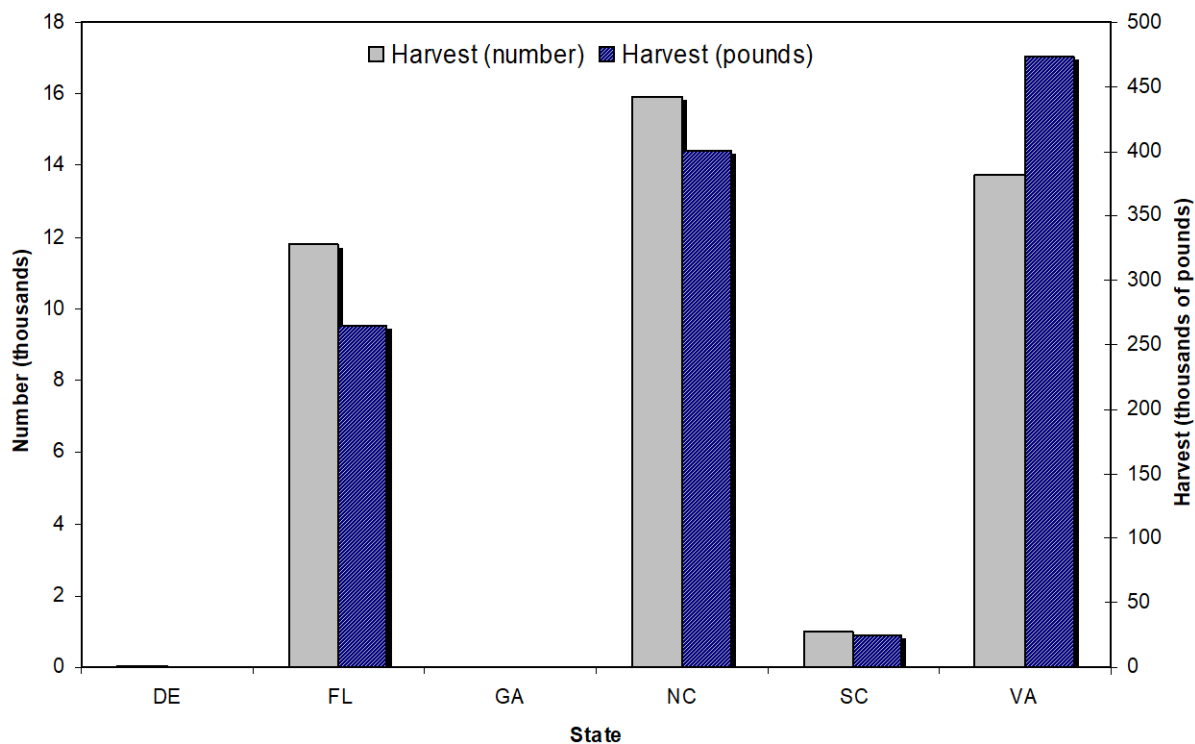


Figure 18. Cobia recreational harvest by state, 2005.

Table 55. Cobia recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	38	101	0	0	0.0	0.0	0
East Florida	11,824	22	264,971	25	37.5	25.4	34
Georgia	19	102	0	0	0.0	0.0	0
North Carolina	15,935	43	400,373	37	39.0	25.1	55
South Carolina	977	97	25,031	96	40.5	25.6	100
Virginia	13,737	39	473,793	44	39.4	34.8	56

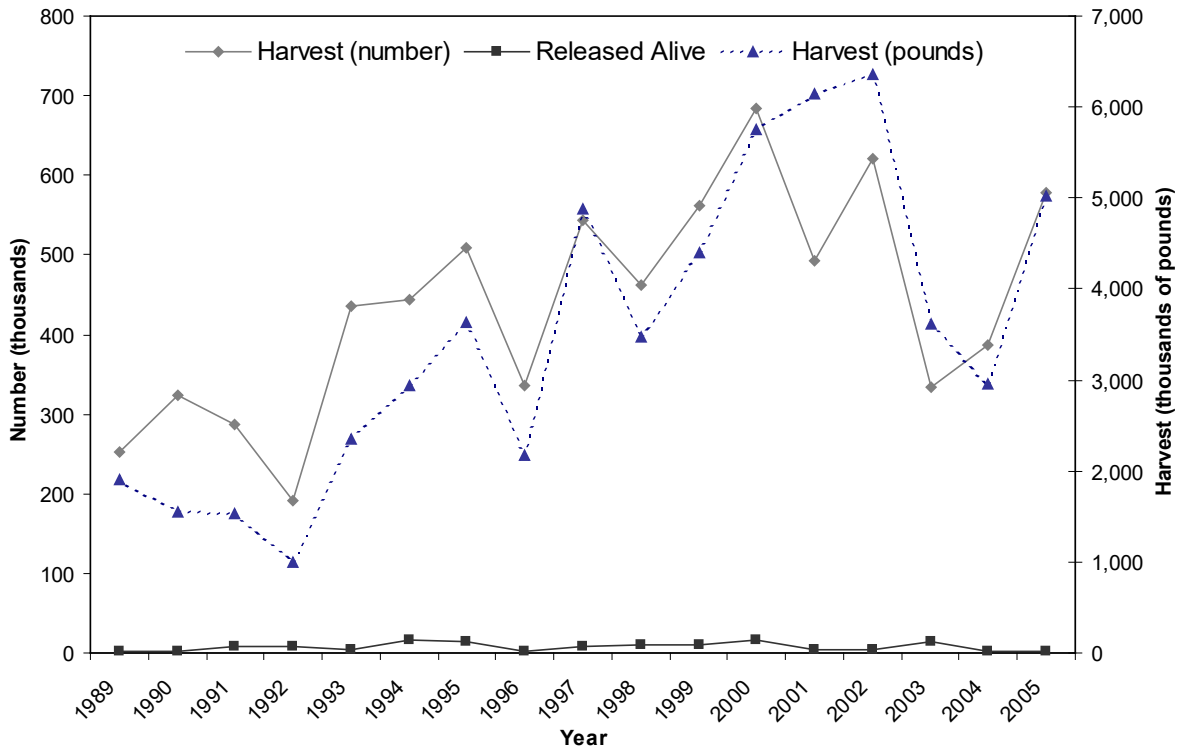


Figure 19. Dolphinfish recreational catch in North Carolina by year, 1989-2005.

Table 56. Dolphinfish recreational catch in North Carolina by year, 1989-2005.

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	10	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
2005	578,797	18	5,019,550	41	28.8	8.6	44	2,307	57

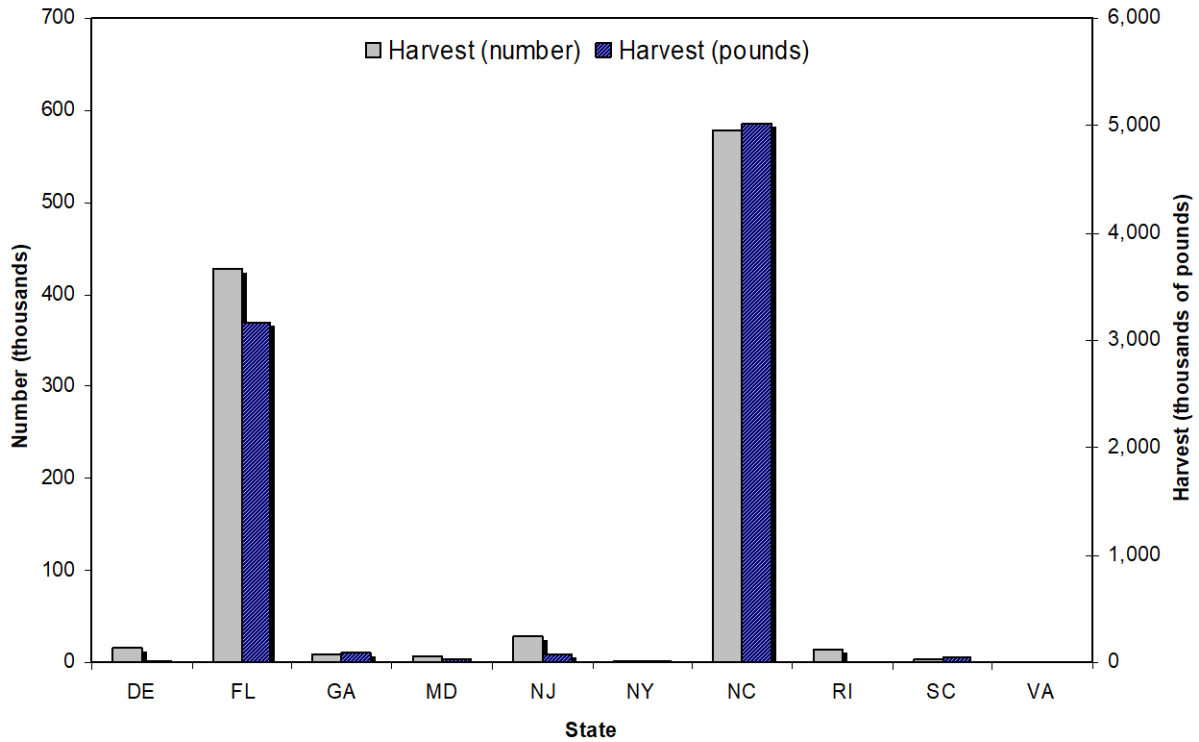


Figure 20. Dolphinfish recreational harvest by state, 2005.

Table 57. Dolphinfish recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	16,261	47	8,843	69	33.2	5.1	77
East Florida	428,137	8	3,165,107	10	26.5	7.5	13
Georgia	8,196	79	84,928	81	25.9	10.4	93
Maryland	7,034	44	24,500	41	23.4	3.5	57
New Jersey	28,244	43	77,459	42	19.2	2.6	60
New York	2,617	100	13,014	100	21.2	5.1	98
North Carolina	578,797	18	5,019,550	41	28.8	8.6	44
Rhode Island	13,691	80	0	0	0.0	0.0	0
South Carolina	3,905	48	42,394	48	32.9	10.8	64
Virginia	821	61	2,196	76	21.3	3.5	91

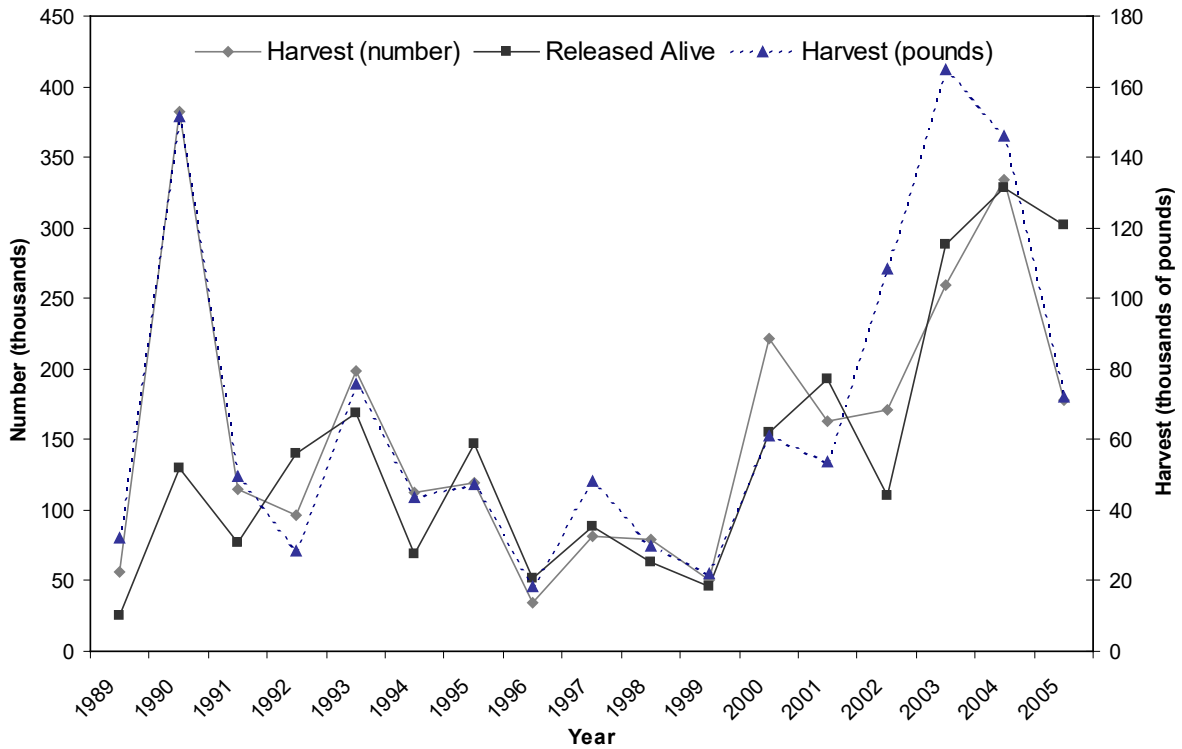


Figure 21. Florida pompano recreational catch in North Carolina by year, 1989-2005.

Table 58. Florida pompano recreational catch in North Carolina by year, 1989-2005.

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
2005	177,754	20	72,309	23	7.5	0.4	28	301,753	21

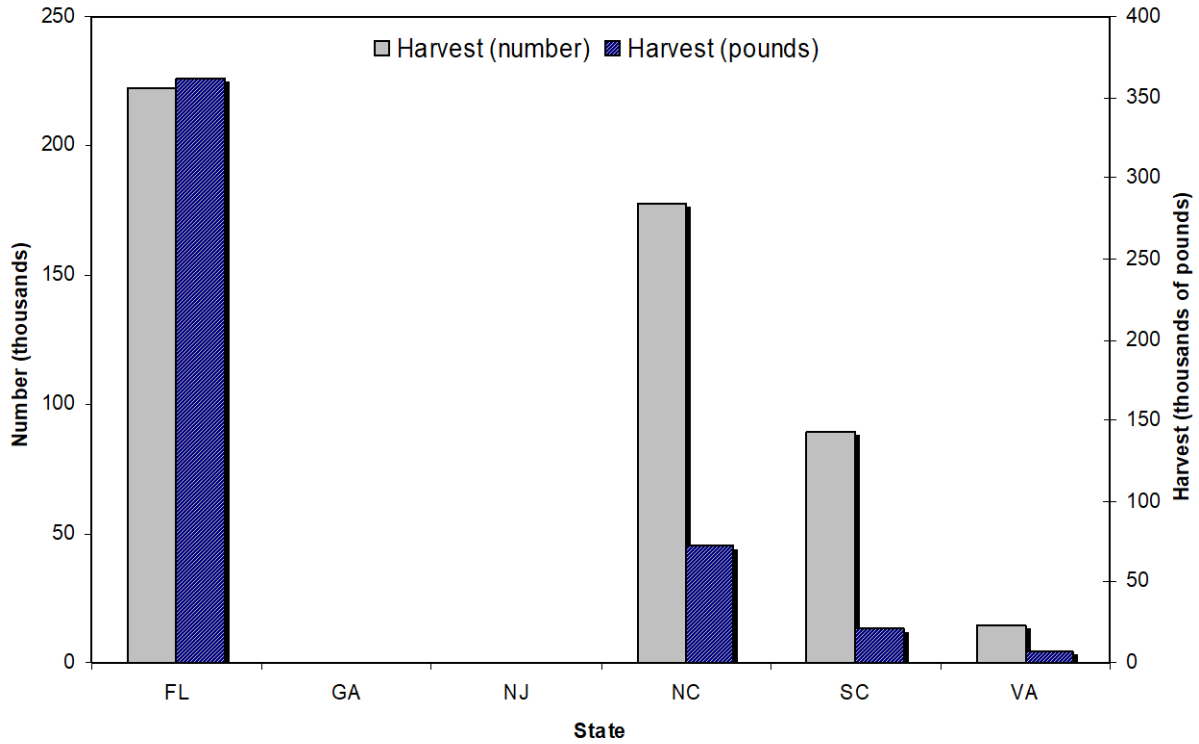


Figure 22. Florida pompano recreational harvest by state, 2005.

Table 59. Florida pompano recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	222,278	14	361,746	15	12.6	1.5	22
Georgia	0	0	0	0	0.0	0.0	0
New Jersey	0	0	0	0	0.0	0.0	0
North Carolina	177,754	20	72,309	23	7.5	0.4	28
South Carolina	89,623	34	20,955	36	6.5	0.2	51
Virginia	14,752	59	7,317	59	9.7	0.4	85

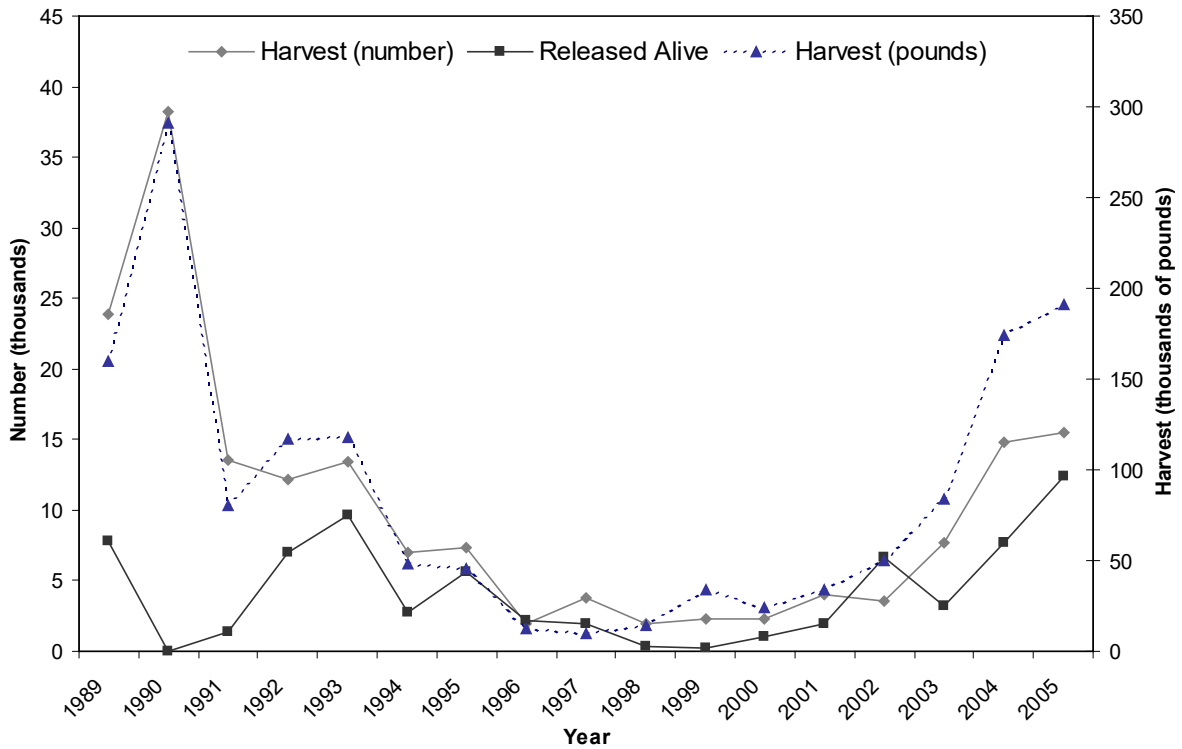


Figure 23. Gag recreational catch in North Carolina by year, 1989-2005.

Table 60. Gag recreational catch in North Carolina by year, 1989-2005.

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	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
2005	15,454	40	191,419	42	31.4	12.3	56	12,406	36

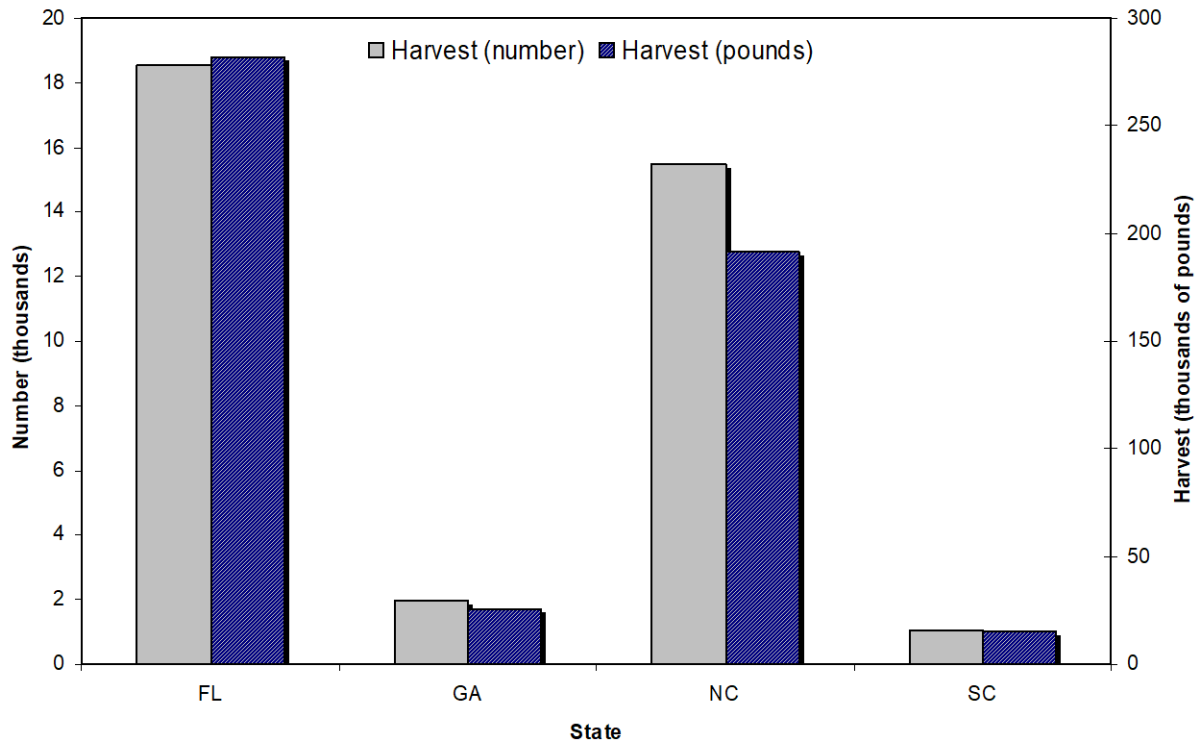


Figure 24. Gag recreational harvest by state, 2005.

Table 61. Gag recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	18,539	19	282,204	18	28.9	15.2	26
Georgia	1,945	55	25,684	55	0.0	13.5	72
North Carolina	15,454	40	191,419	42	31.4	12.3	56
South Carolina	1,066	53	14,866	56	31.2	14.3	71

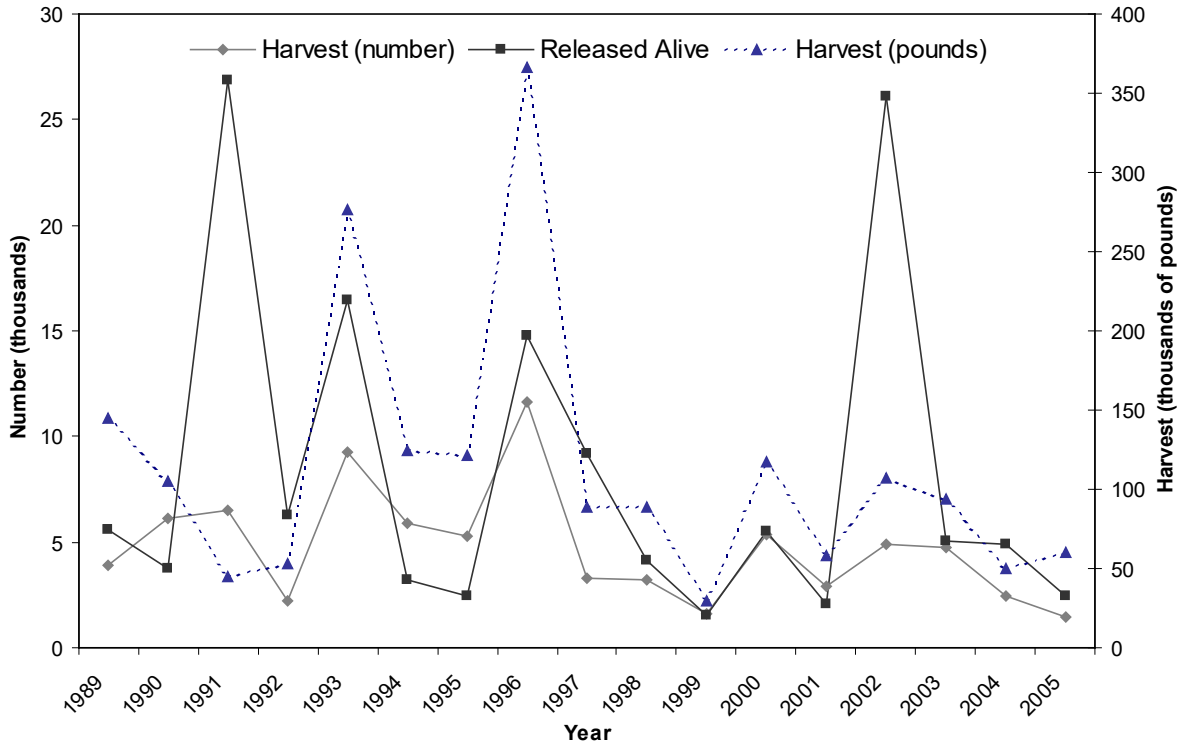


Figure 25. Greater amberjack recreational catch in North Carolina by year, 1989-2005.

Table 62. Greater amberjack recreational catch in North Carolina by year, 1989-2005.

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
2005	1,443	60	59,782	26	43.8	41.5	63	2,442	47

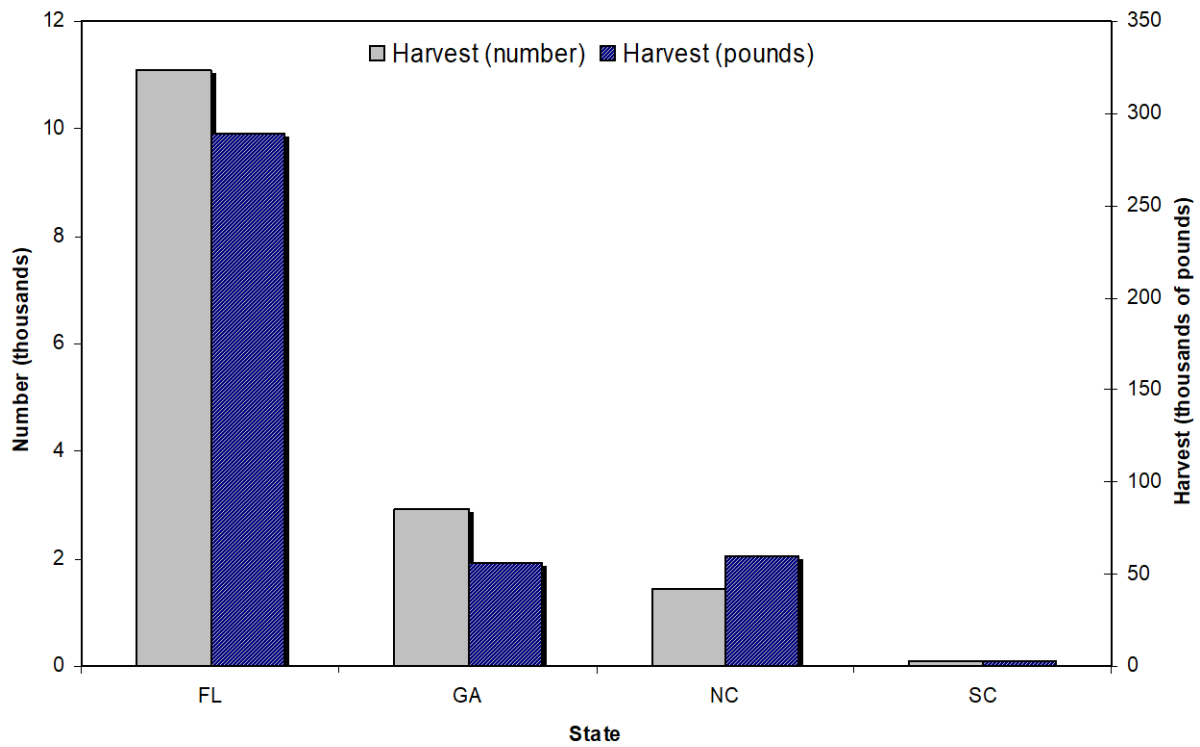


Figure 26. Greater amberjack recreational harvest by state, 2005.

Table 63. Greater amberjack recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	11,110	15	289,021	15	28.4	26.0	21
Georgia	2,917	76	56,019	77	0.0	19.2	91
North Carolina	1,443	60	59,782	26	43.8	41.5	63
South Carolina	95	91	2,758	92	34.8	28.9	99

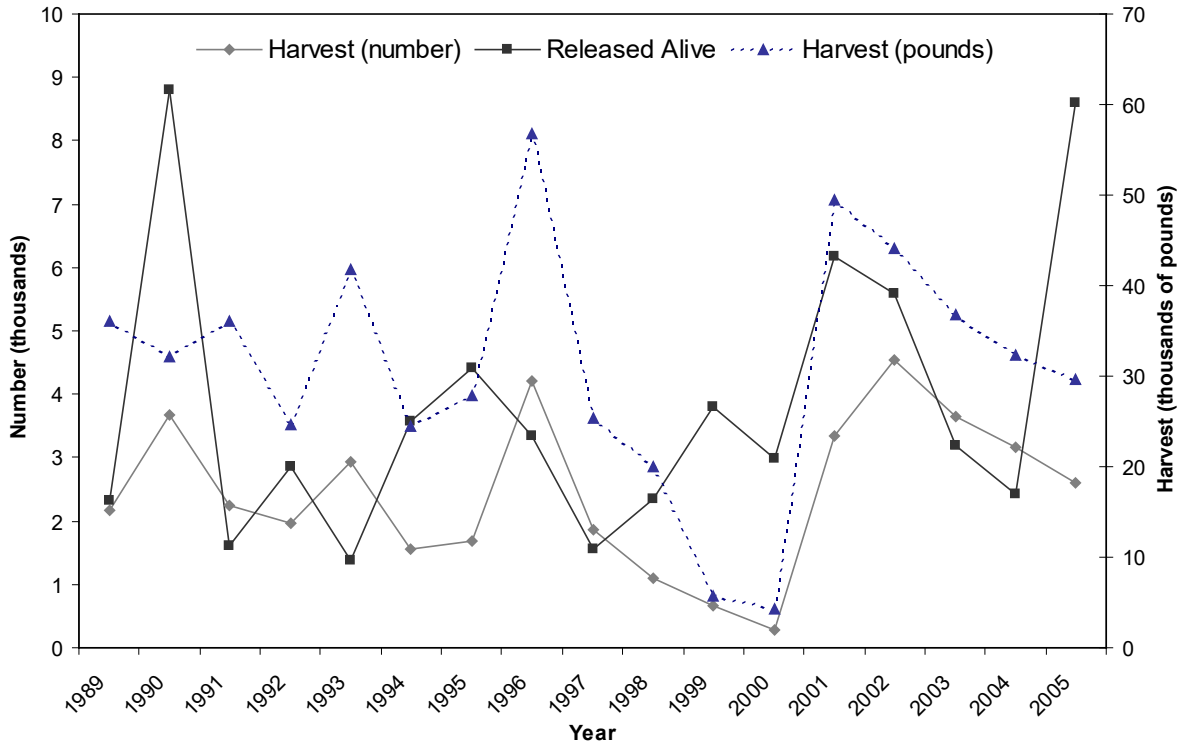


Figure 27. Greater barracuda recreational catch in North Carolina by year, 1989-2005.

Table 64. Greater barracuda recreational catch in North Carolina by year, 1989-2005.

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
2005	2,593	42	29,707	37	37.1	11.5	54	8,592	32

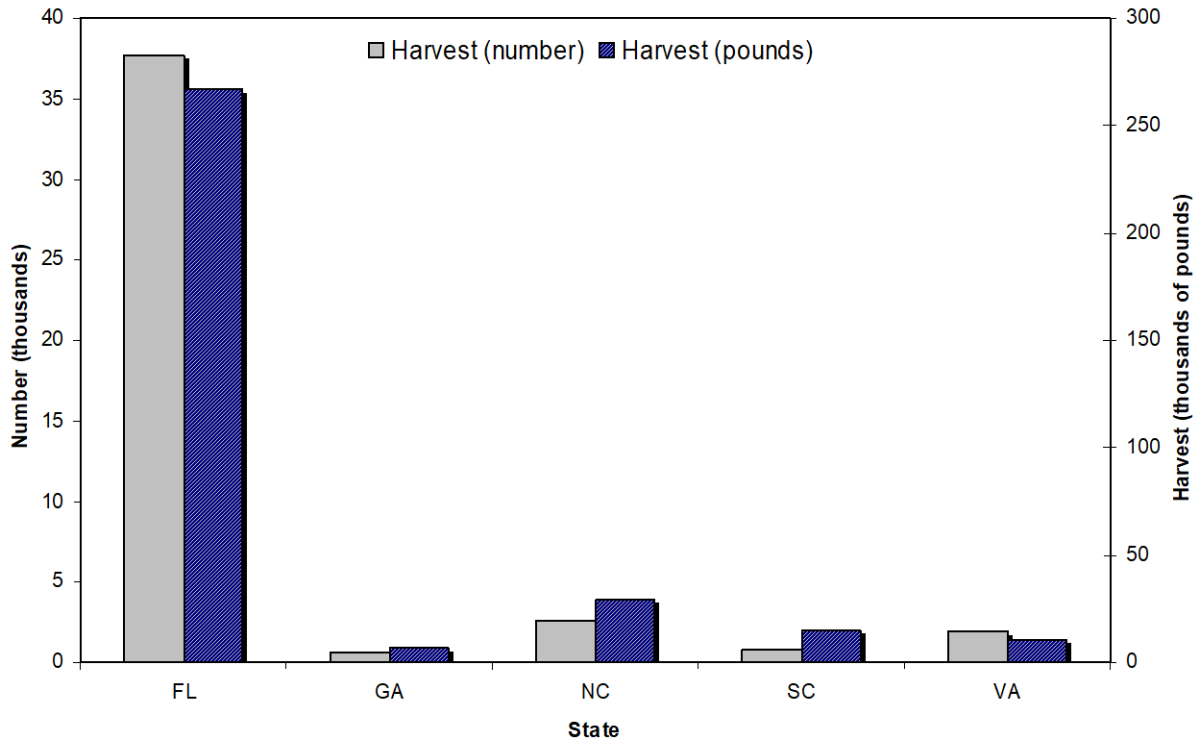


Figure 28. Greater barracuda recreational harvest by state, 2005.

Table 65. Greater barracuda recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	37,717	22	266,677	19	27.9	8.6	25
Georgia	590	72	6,887	77	71.9	11.7	90
North Carolina	2,593	42	29,707	37	37.1	11.5	54
South Carolina	777	100	15,075	100	0.0	19.4	100
Virginia	1,879	97	10,355	0	30.0	5.5	0

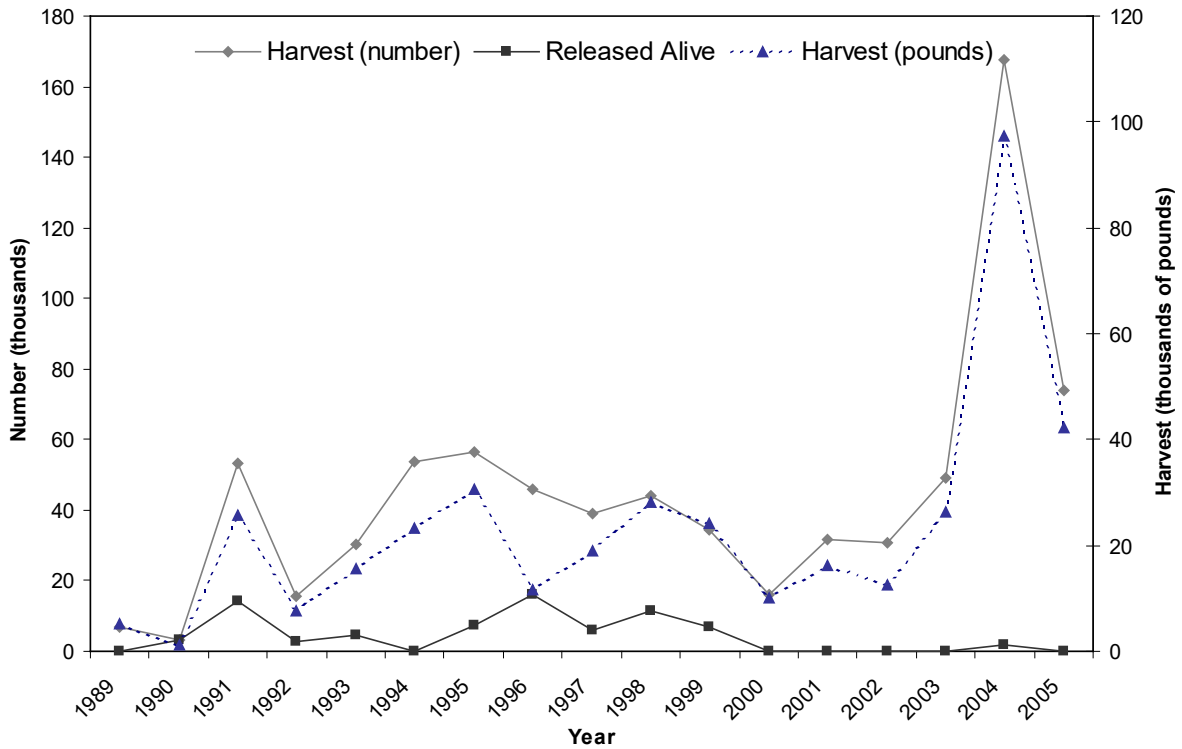


Figure 29. Gulf kingfish recreational catch in North Carolina by year, 1989-2005.

Table 66. Gulf kingfish recreational catch in North Carolina by year, 1989-2005.

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	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	0
2001	31,700	22	16,153	23	10.6	0.4	36	0	0
2002	30,983	26	12,593	28	9.9	0.4	34	0	0
2003	48,918	20	26,338	22	10.4	0.4	36	0	0
2004	167,477	17	97,492	18	10.8	0.7	22	1,675	79
2005	73,819	36	42,189	37	10.5	0.7	43	184	100

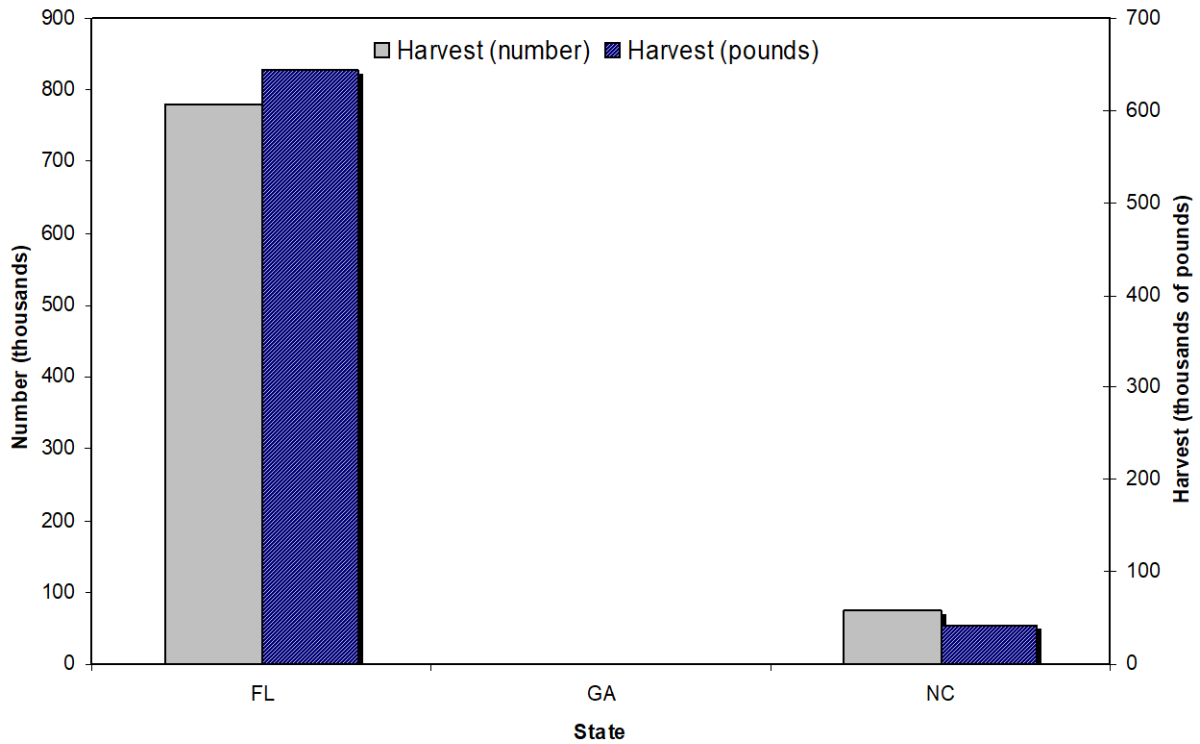


Figure 30. Gulf kingfish recreational harvest by state, 2005.

Table 67. Gulf kingfish recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	779,826	14	643,659	15	12.6	0.9	19
Georgia	93	98	62	0	11.7	0.7	0
North Carolina	73,819	36	42,189	37	10.5	0.7	43

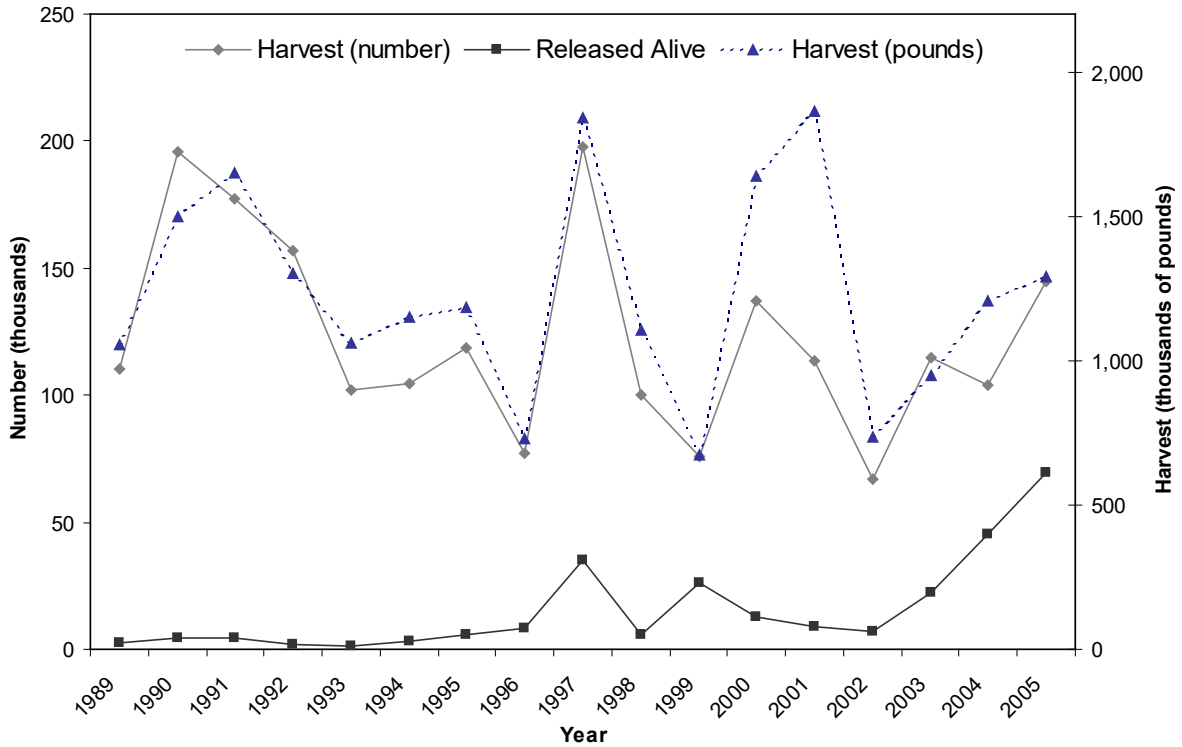


Figure 31. King mackerel recreational catch in North Carolina by year, 1989-2005.

Table 68. King mackerel recreational catch in North Carolina by year, 1989-2005.

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
2005	144,988	13	1,289,358	17	30.1	8.8	22	69,672	15

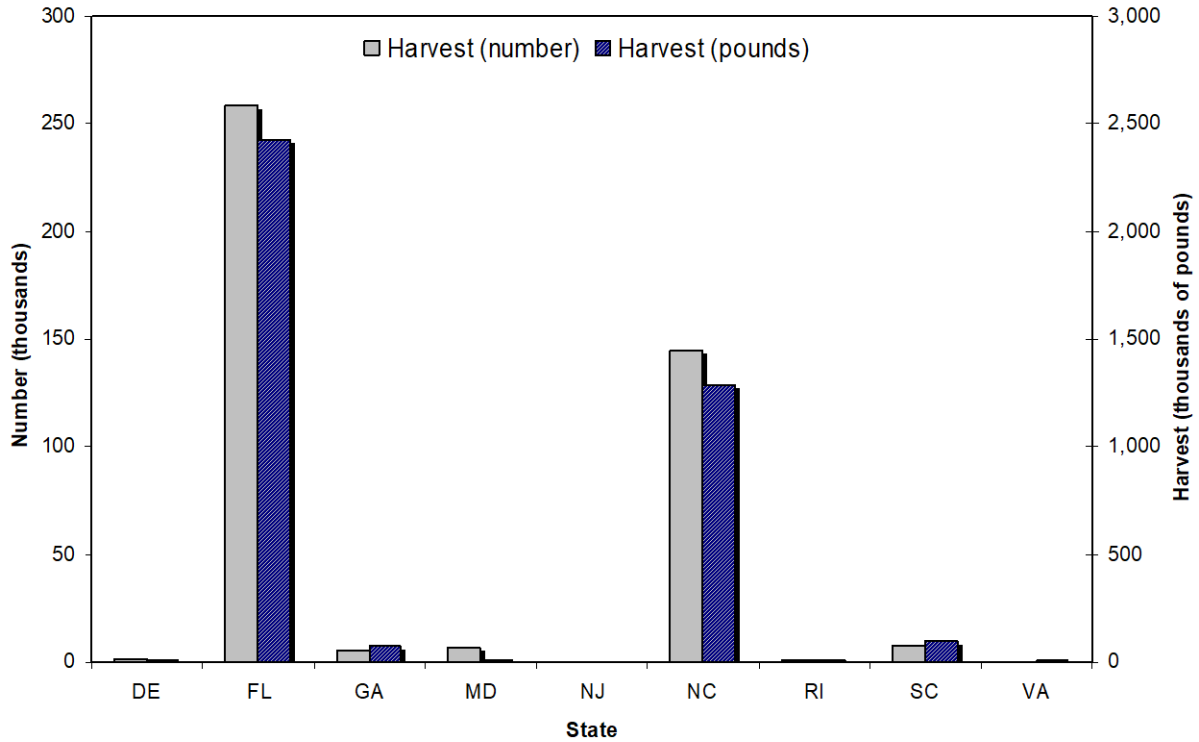


Figure 32. King mackerel recreational harvest by state, 2005.

Table 69. King mackerel recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	1,352	51	6,850	50	25.1	5.1	67
East Florida	258,188	7	2,425,128	8	31.8	9.5	10
Georgia	5,199	58	72,791	69	35.0	14.1	80
Maryland	6,622	56	9,632	58	0.0	6.4	73
New Jersey	0	0	0	0	0.0	0.0	0
North Carolina	144,988	13	1,289,358	17	30.1	8.8	22
Rhode Island	1,098	72	6,054	73	25.9	5.5	88
South Carolina	7,814	30	99,121	42	32.5	12.8	50
Virginia	200	76	3,968	92	41.1	19.8	97

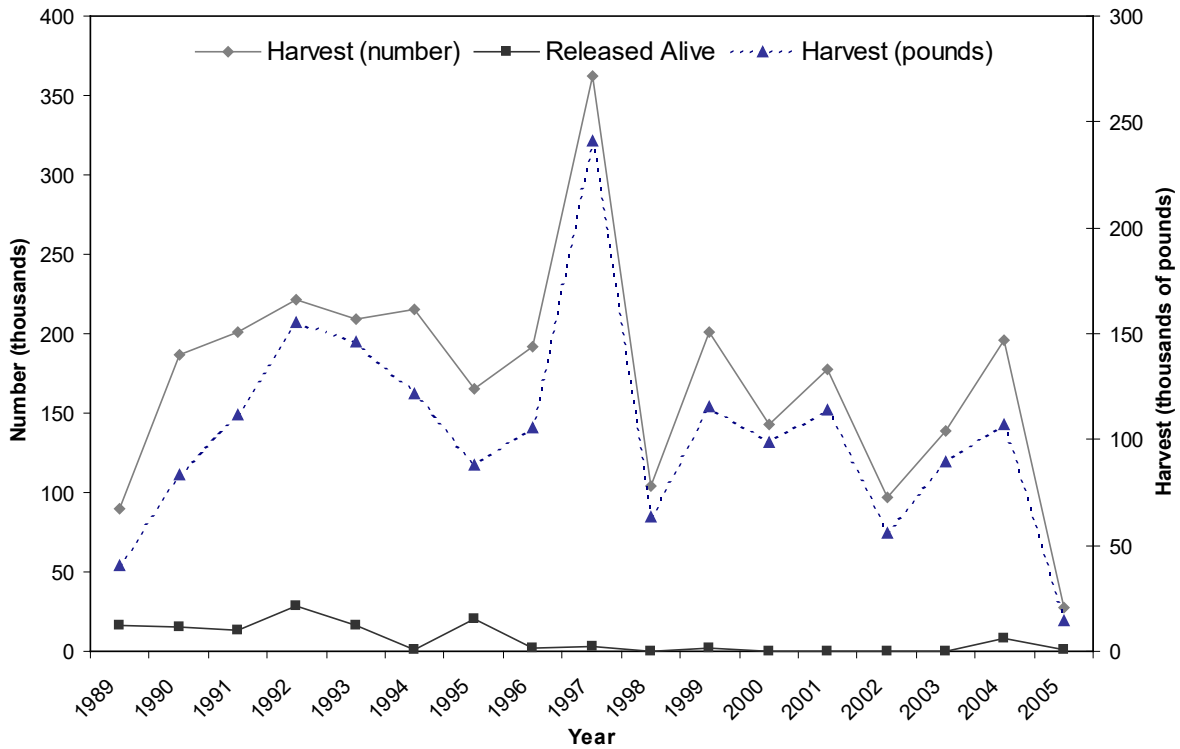


Figure 33. Northern kingfish recreational catch in North Carolina by year, 1989-2005.

Table 70. Northern kingfish recreational catch in North Carolina by year, 1989-2005.

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	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	0
2001	178,052	21	113,876	24	11.6	0.7	30	0	0
2002	96,741	29	56,178	29	11.6	0.7	35	0	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
2005	27,215	34	14,899	36	11.0	0.4	59	1,015	76

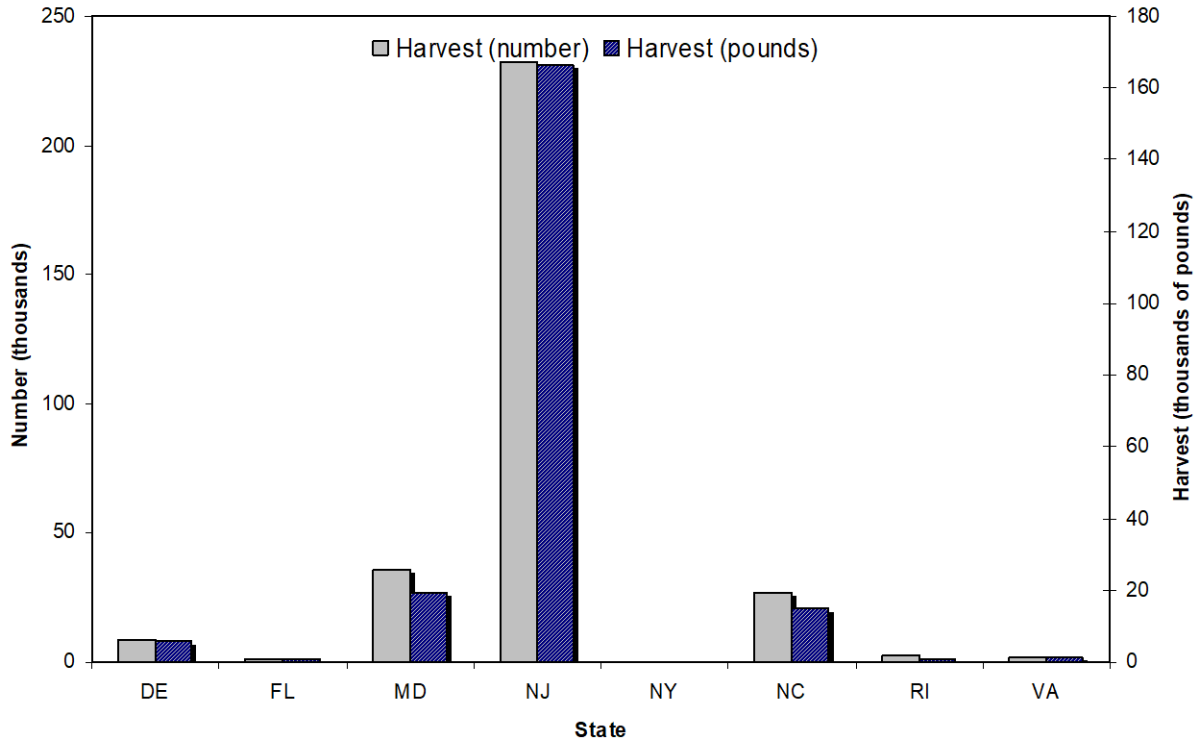


Figure 34. Northern kingfish recreational harvest by state, 2005.

Table 71. Northern kingfish recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	8,746	30	5,946	30	12.2	0.7	45
East Florida	1,324	100	818	100	11.6	0.7	93
Maryland	35,799	63	19,475	71	8.3	0.4	103
New Jersey	232,312	55	166,258	63	12.2	0.7	82
New York	0	0	0	0	0.0	0.0	0
North Carolina	27,215	34	14,899	36	11.0	0.4	59
Rhode Island	2,451	64	694	61	7.8	0.2	102
Virginia	1,710	100	1,508	0	13.2	0.9	0

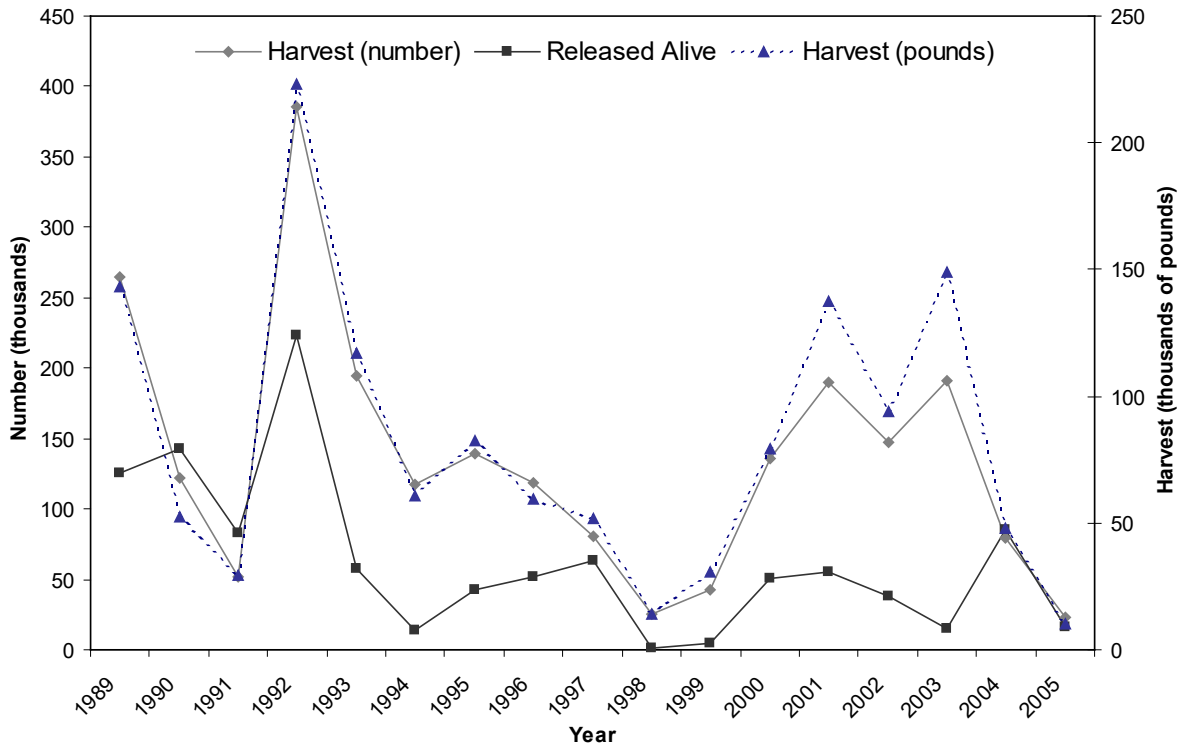


Figure 35. Northern puffer recreational catch in North Carolina by year, 1989-2005.

Table 72. Northern puffer recreational catch in North Carolina by year, 1989-2005.

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
2005	22,522	29	10,381	34	8.9	0.4	46	15,721	30

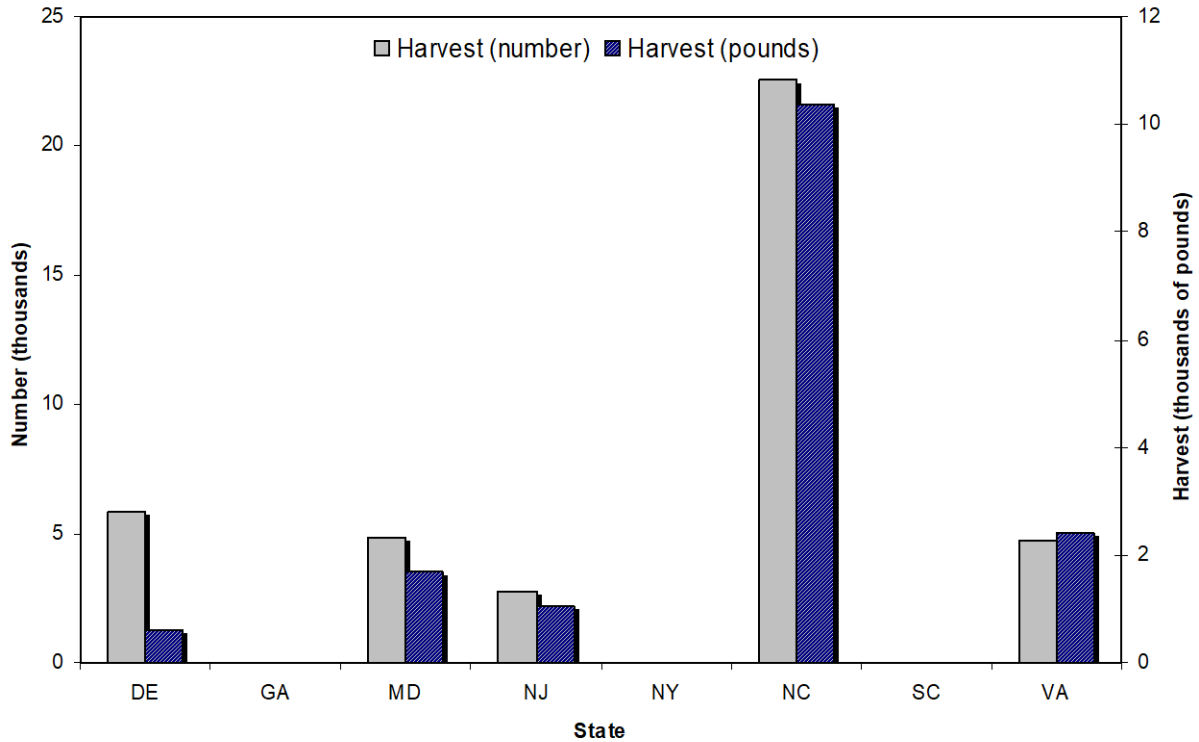


Figure 36. Northern puffer recreational harvest by state, 2005.

Table 73. Northern puffer recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	5,873	51	597	73	7.7	0.7	83
Georgia	0	0	0	0	0.0	0.0	0
Maryland	4,870	76	1,678	100	8.1	0.4	113
New Jersey	2,758	100	1,065	100	7.9	0.4	88
New York	14	99	0	0	2.2	0.0	0
North Carolina	22,522	29	10,381	34	8.9	0.4	46
South Carolina	0	0	0	0	0.0	0.0	0
Virginia	4,738	74	2,423	50	7.3	0.4	94

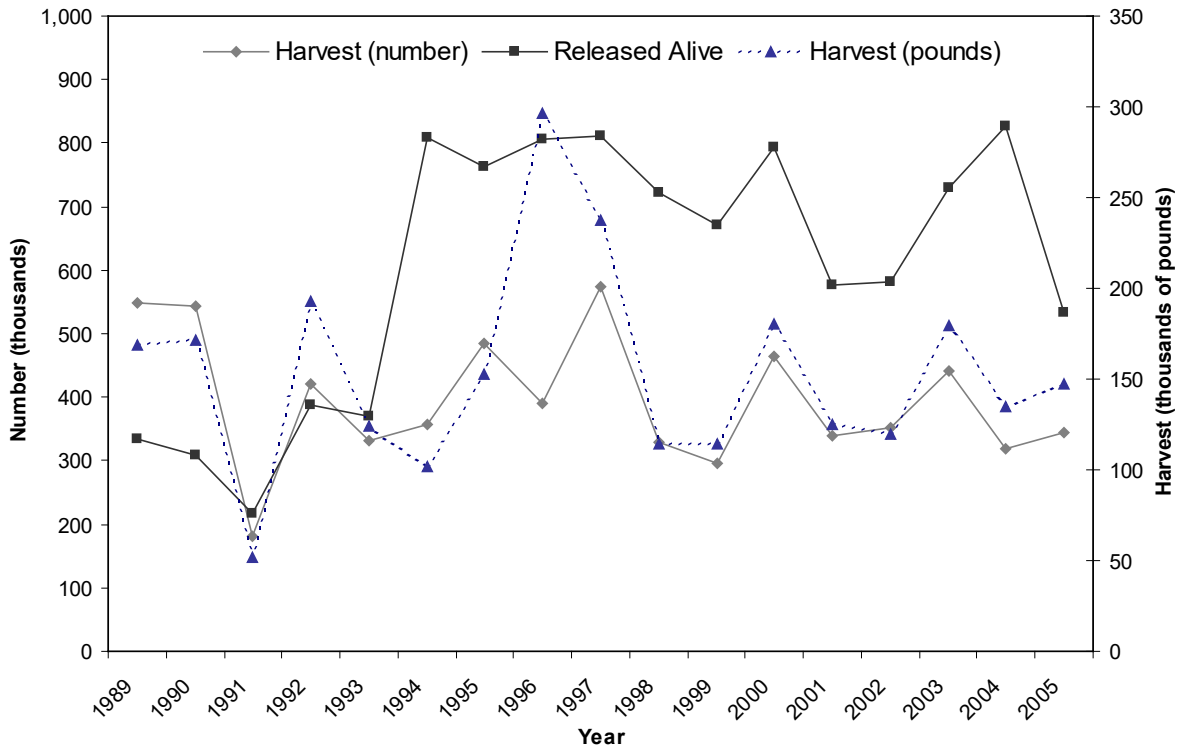


Figure 37. Pigfish recreational catch in North Carolina by year, 1989-2005.

Table 74. Pigfish recreational catch in North Carolina by year, 1989-2005.

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
2005	343,168	16	147,400	16	8.6	0.4	22	533,090	9

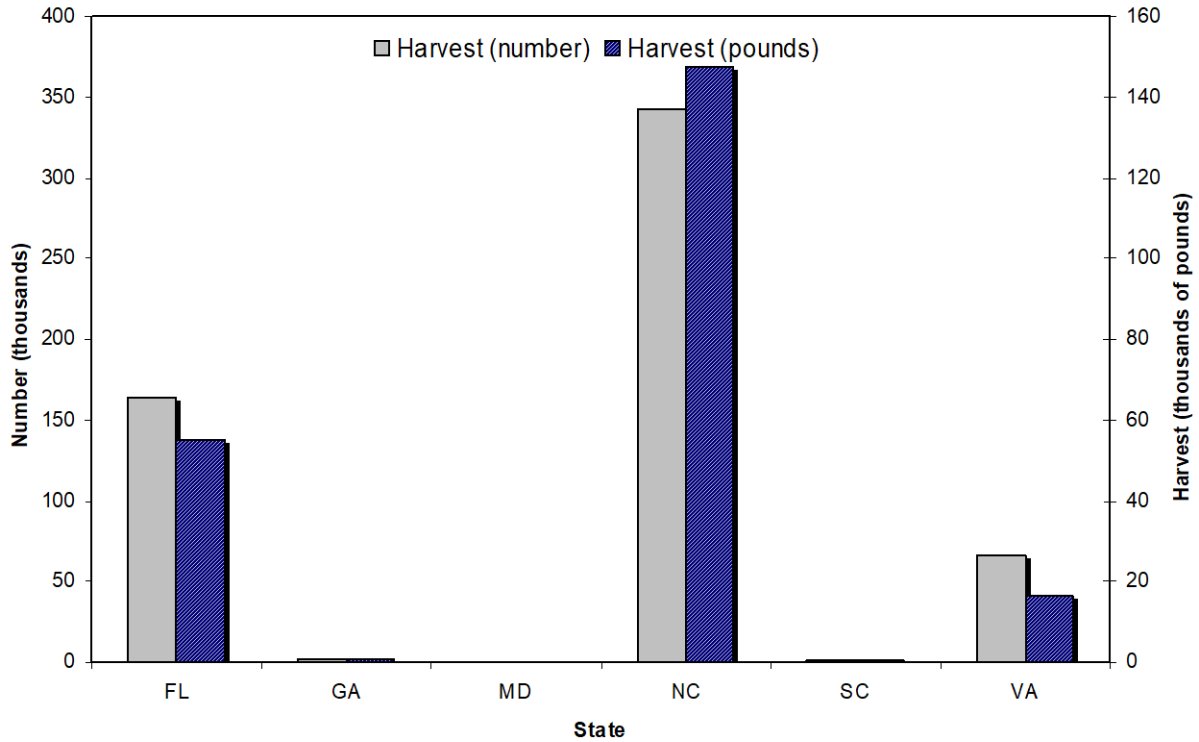


Figure 38. Pigfish recreational harvest by state, 2005.

Table 75. Pigfish recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	163,770	47	55,102	49	9.4	0.4	57
Georgia	1,761	71	882	72	9.5	0.4	99
Maryland	311	0	82	0	0.0	0.2	0
North Carolina	343,168	16	147,400	16	8.6	0.4	22
South Carolina	777	100	260	100	8.1	0.4	76
Virginia	66,264	40	16,682	40	7.1	0.2	83

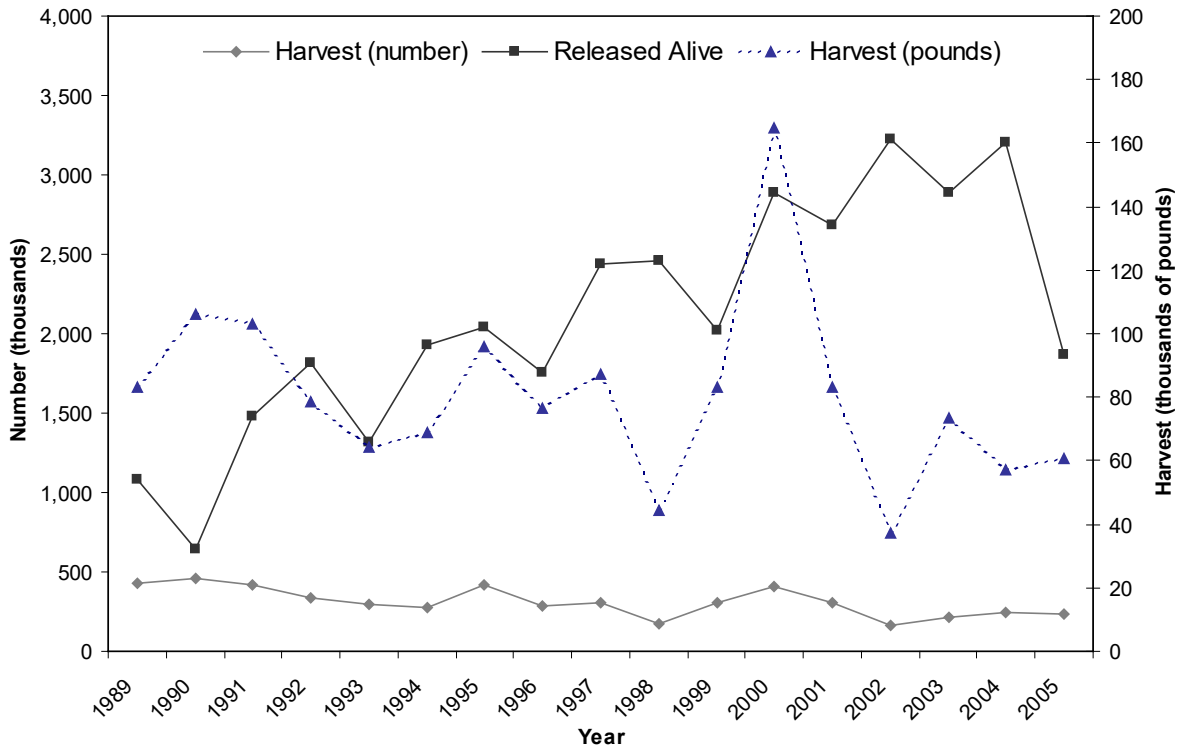


Figure 39. Pinfish recreational catch in North Carolina by year, 1989-2005.

Table 76. Pinfish recreational catch in North Carolina by year, 1989-2005.

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
2005	239,370	17	60,876	19	6.9	0.2	29	1,868,369	8

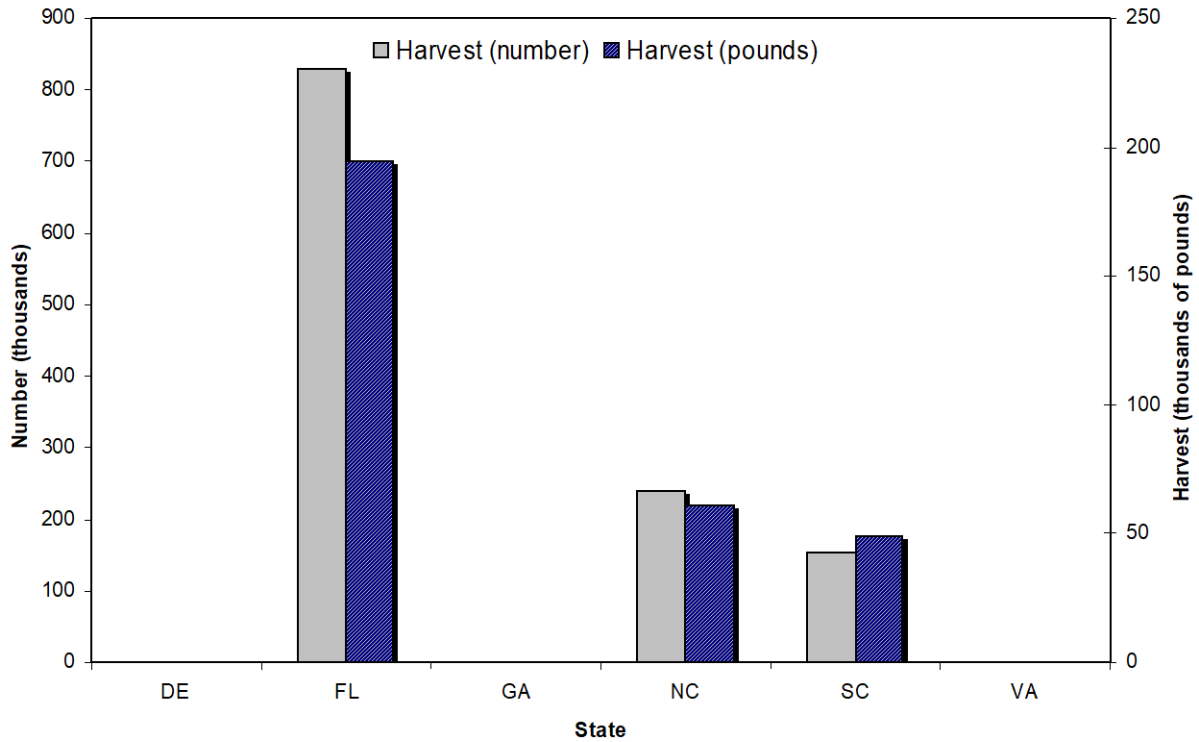


Figure 40. Pinfish recreational harvest by state, 2005.

Table 77. Pinfish recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	0	0	0	0	0.0	0.0	0
East Florida	829,948	15	194,448	16	6.7	0.2	23
Georgia	516	100	146	101	0.0	0.2	129
North Carolina	239,370	17	60,876	19	6.9	0.2	29
South Carolina	153,671	32	49,006	34	9.7	0.2	65
Virginia	0	0	0	0	0.0	0.0	0

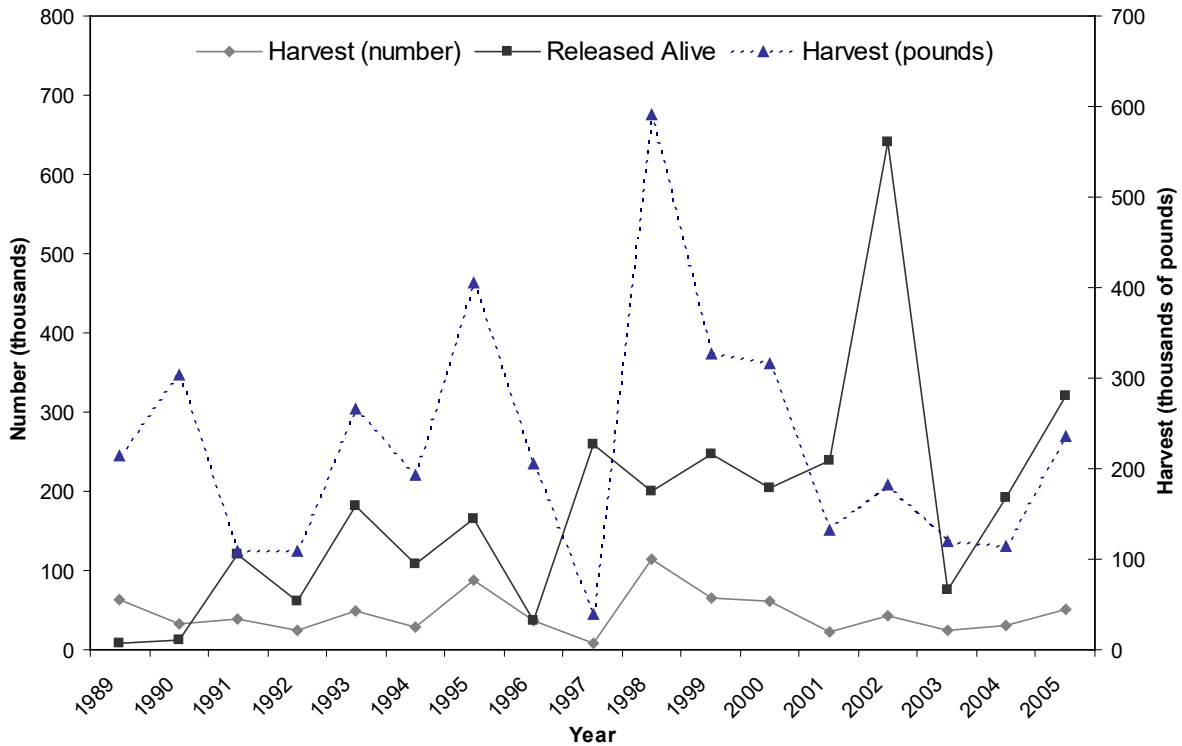


Figure 41. Red drum recreational catch in North Carolina by year, 1989-2005.

Table 78. Red drum recreational catch in North Carolina by year, 1989-2005.

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
2005	51,815	20	235,431	21	21.8	4.6	28	321,267	15

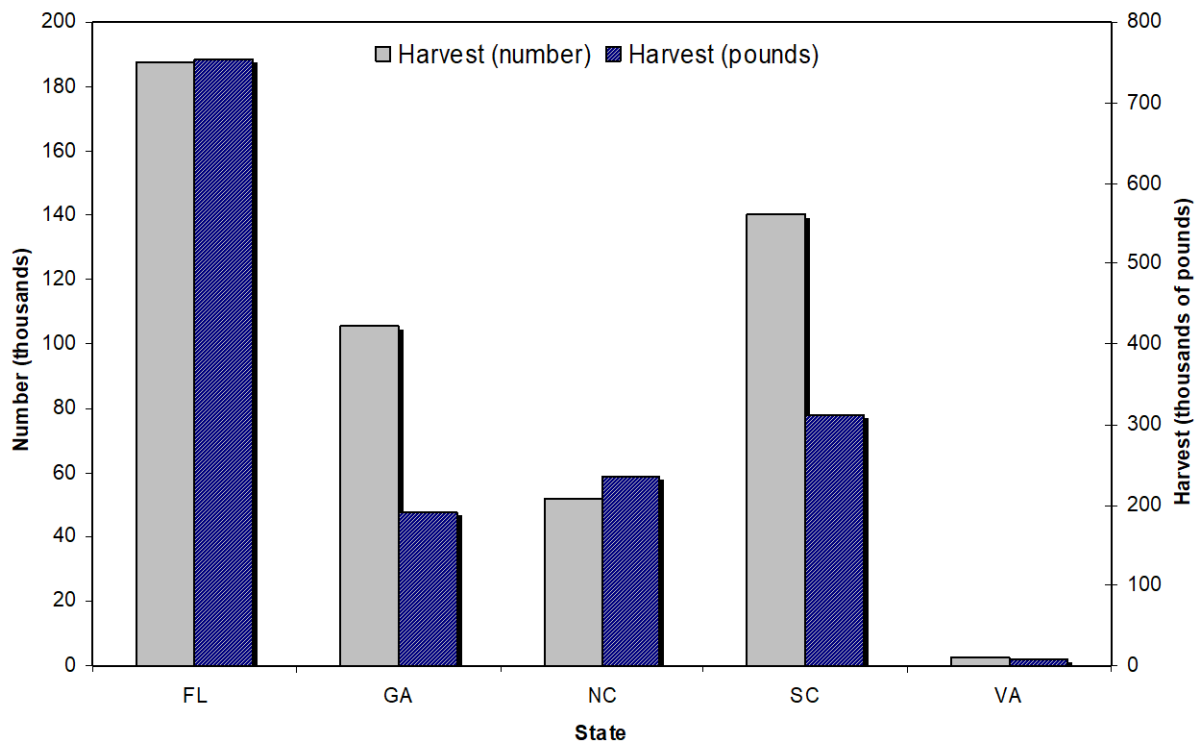


Figure 42. Red drum recreational harvest by state, 2005.

Table 79. Red drum recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	187,480	9	754,756	9	21.2	4.0	13
Georgia	105,722	19	190,411	19	16.1	1.8	27
North Carolina	51,815	20	235,431	21	21.8	4.6	28
South Carolina	140,234	19	310,586	18	17.6	2.2	26
Virginia	2,708	100	7,463	100	19.0	2.6	104

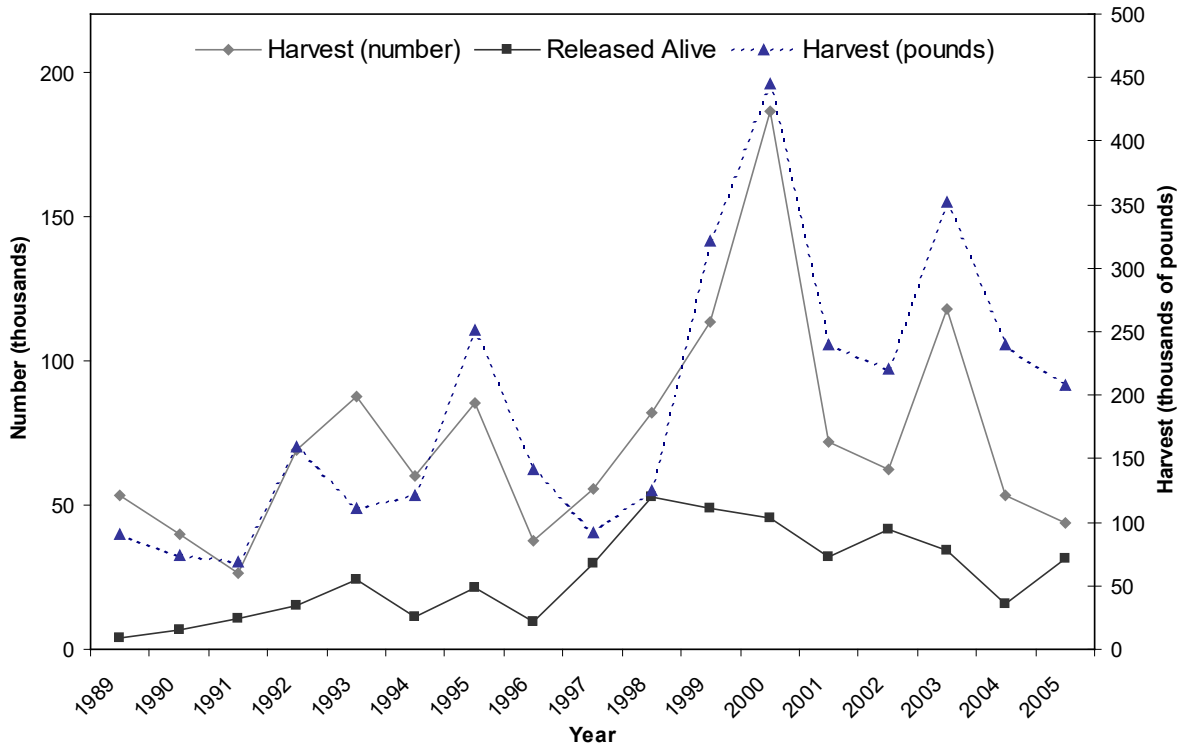


Figure 43. Sheepshead recreational catch in North Carolina by year, 1989-2005.

Table 80. Sheepshead recreational catch in North Carolina by year, 1989-2005.

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
2005	43,994	29	208,502	33	17.2	4.6	44	31,428	44

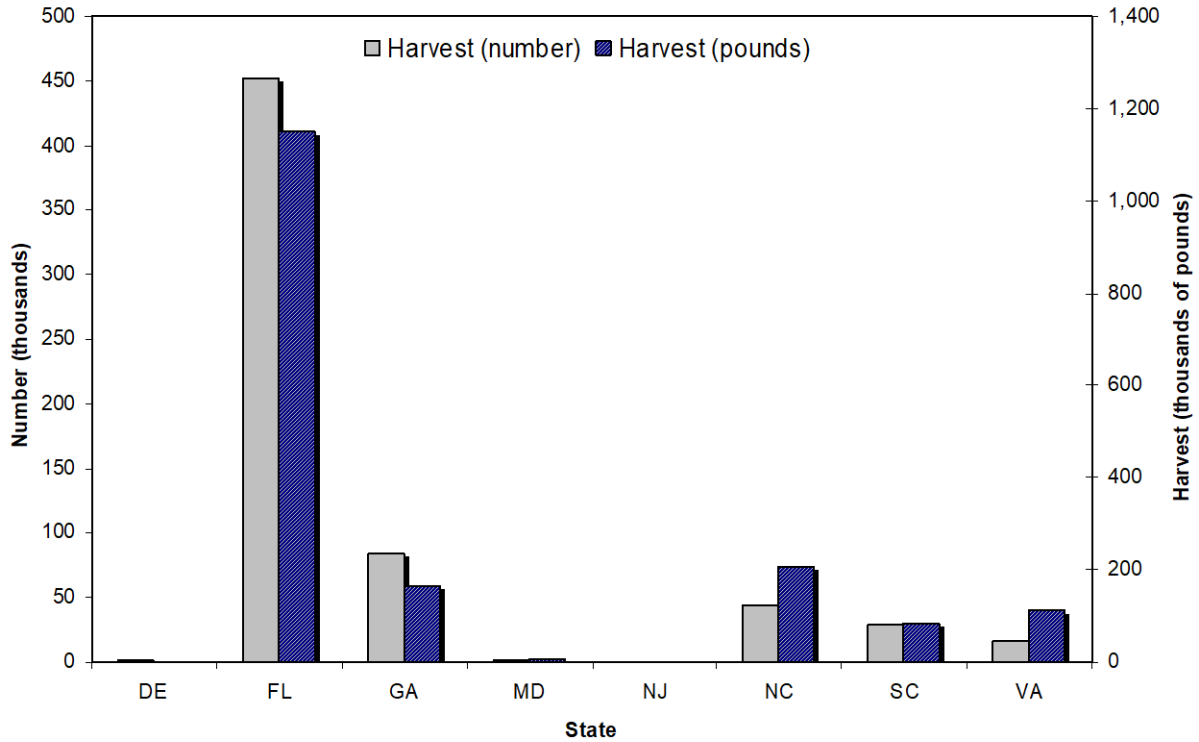


Figure 44. Sheepshead recreational harvest by state, 2005.

Table 81. Sheepshead recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	1,237	100	0	0	0.0	0.0	0
East Florida	451,670	11	1,148,921	12	13.9	2.6	15
Georgia	83,982	28	165,396	28	13.2	2.0	38
Maryland	1,514	100	6,678	0	17.7	4.4	0
New Jersey	0	0	0	0	0.0	0.0	0
North Carolina	43,994	29	208,502	33	17.2	4.6	44
South Carolina	28,826	36	84,132	41	14.4	2.9	54
Virginia	16,902	82	112,986	79	19.8	6.6	95

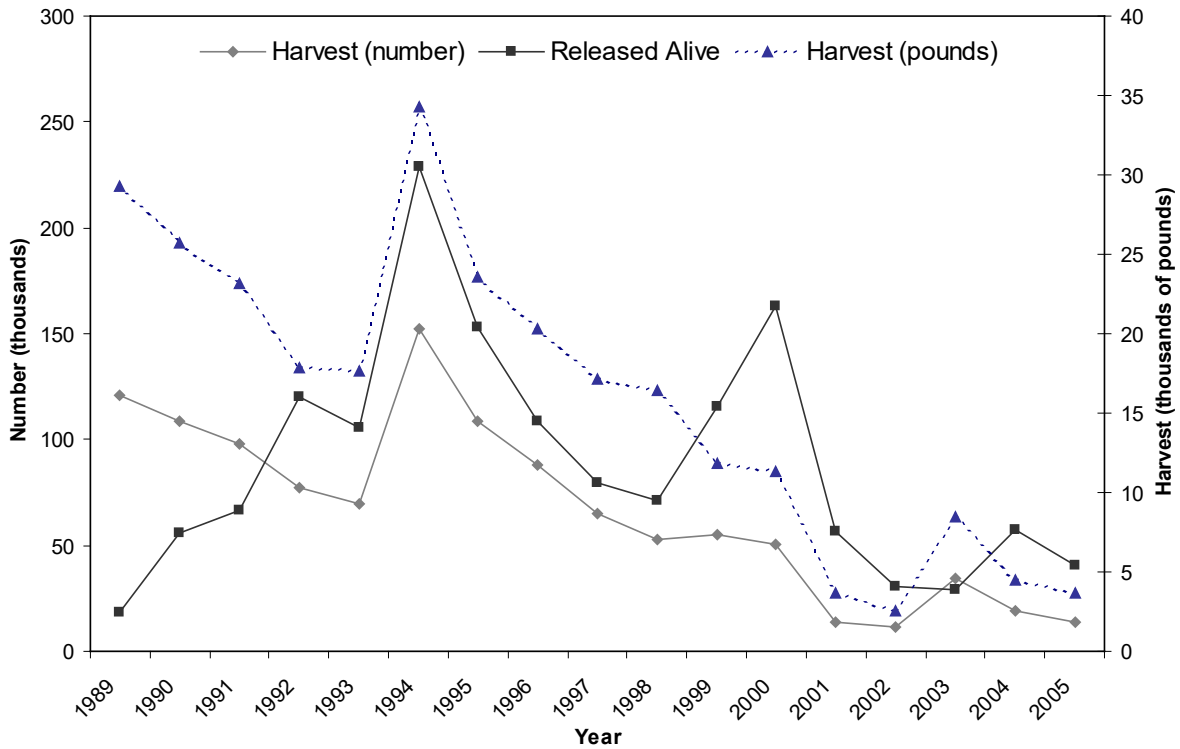


Figure 45. Silver perch recreational catch in North Carolina by year, 1989-2005.

Table 82. Silver perch recreational catch in North Carolina by year, 1989-2005.

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
2005	13,807	42	3,713	39	8.6	0.2	67	40,605	26

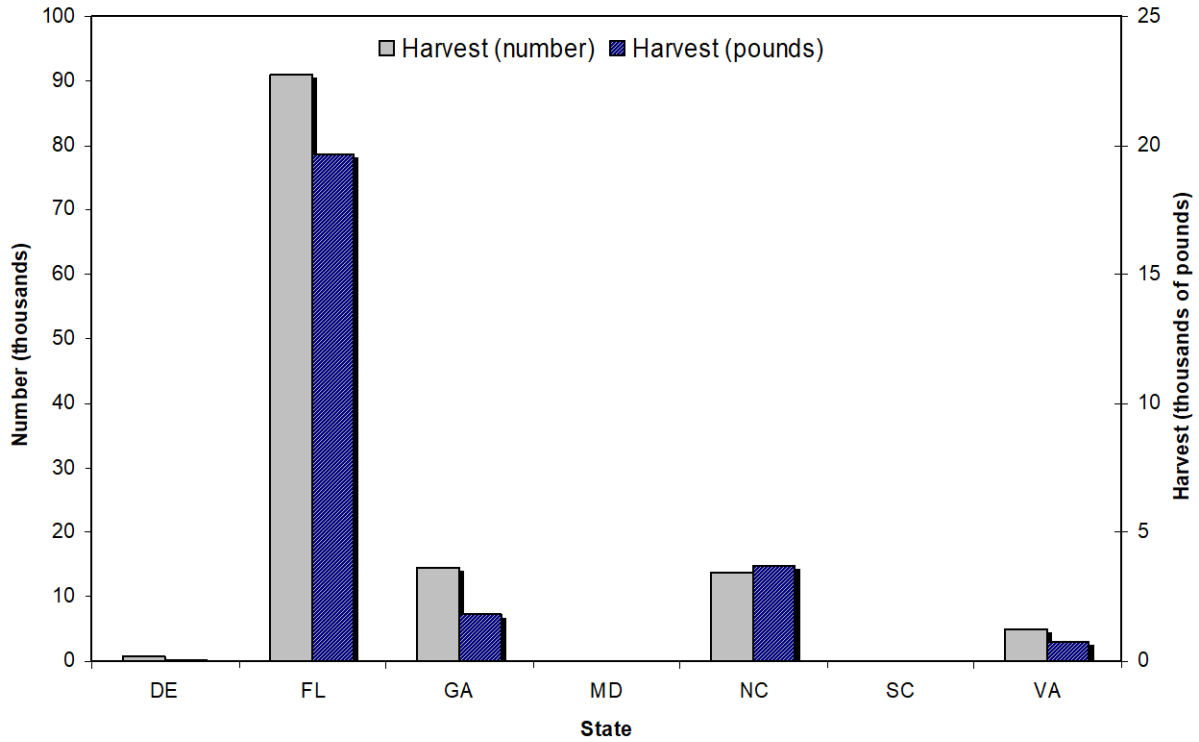


Figure 46. Silver perch recreational harvest by state, 2005.

Table 83. Silver perch recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	631	100	93	100	0.0	0.2	67
East Florida	91,075	31	19,636	33	7.3	0.2	43
Georgia	14,665	42	1,834	42	8.1	0.2	72
Maryland	0	0	0	0	0.0	0.0	0
North Carolina	13,807	42	3,713	39	8.6	0.2	67
South Carolina	0	0	0	0	0.0	0.0	0
Virginia	4,986	97	734	97	8.2	0.2	67

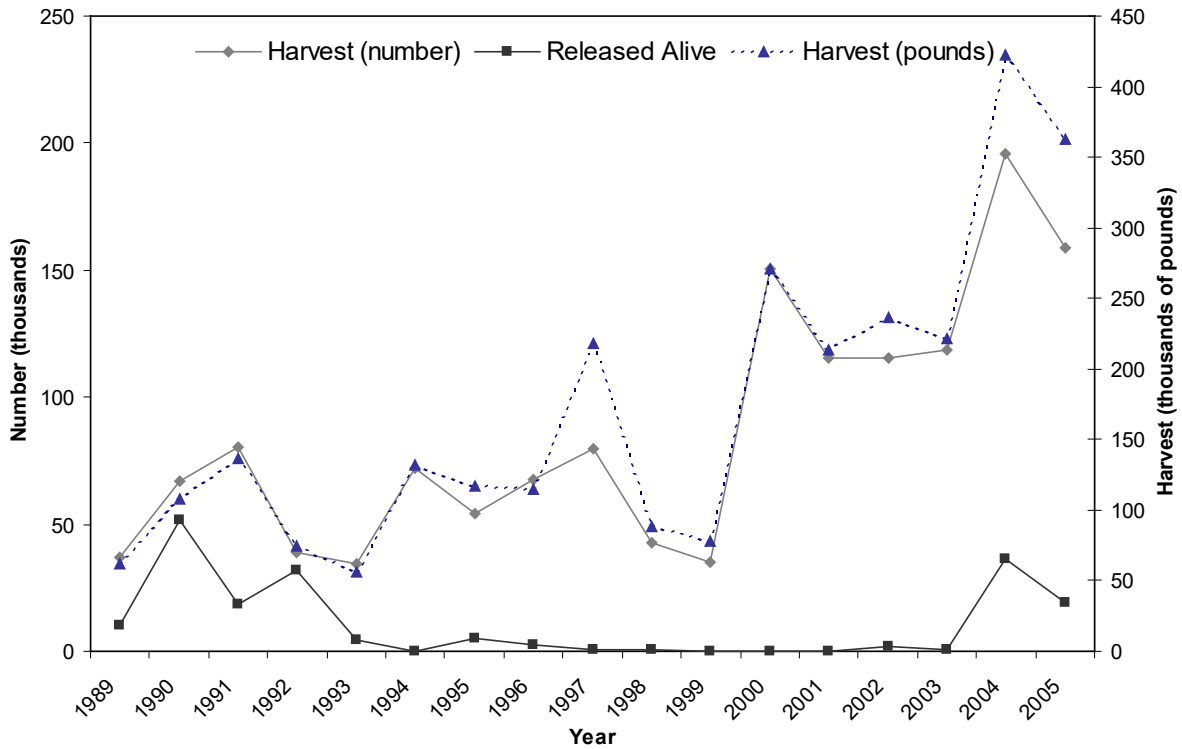


Figure 47. Southern flounder recreational catch in North Carolina by year, 1989-2005.

Table 84. Southern flounder recreational catch in North Carolina by year, 1989-2005.

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	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	0
2000	150,315	15	271,234	15	15.9	1.8	21	0	0
2001	115,477	11	213,908	12	16.2	1.8	17	0	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
2005	158,969	14	362,189	15	17.0	2.2	21	19,316	52

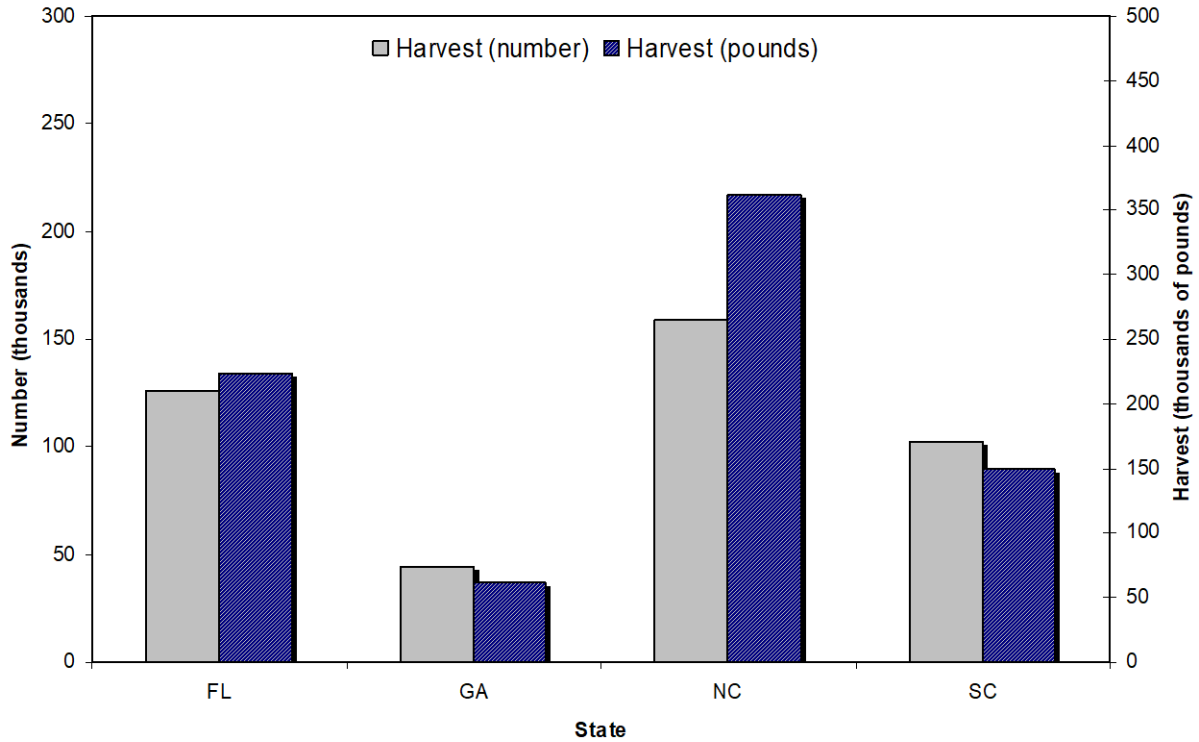


Figure 48. Southern flounder recreational harvest by state, 2005.

Table 85. Southern flounder recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	125,856	18	223,449	19	16.2	1.8	26
Georgia	44,458	25	61,336	26	14.6	1.3	37
North Carolina	158,969	14	362,189	15	17.0	2.2	21
South Carolina	102,290	20	149,088	22	14.5	1.5	28

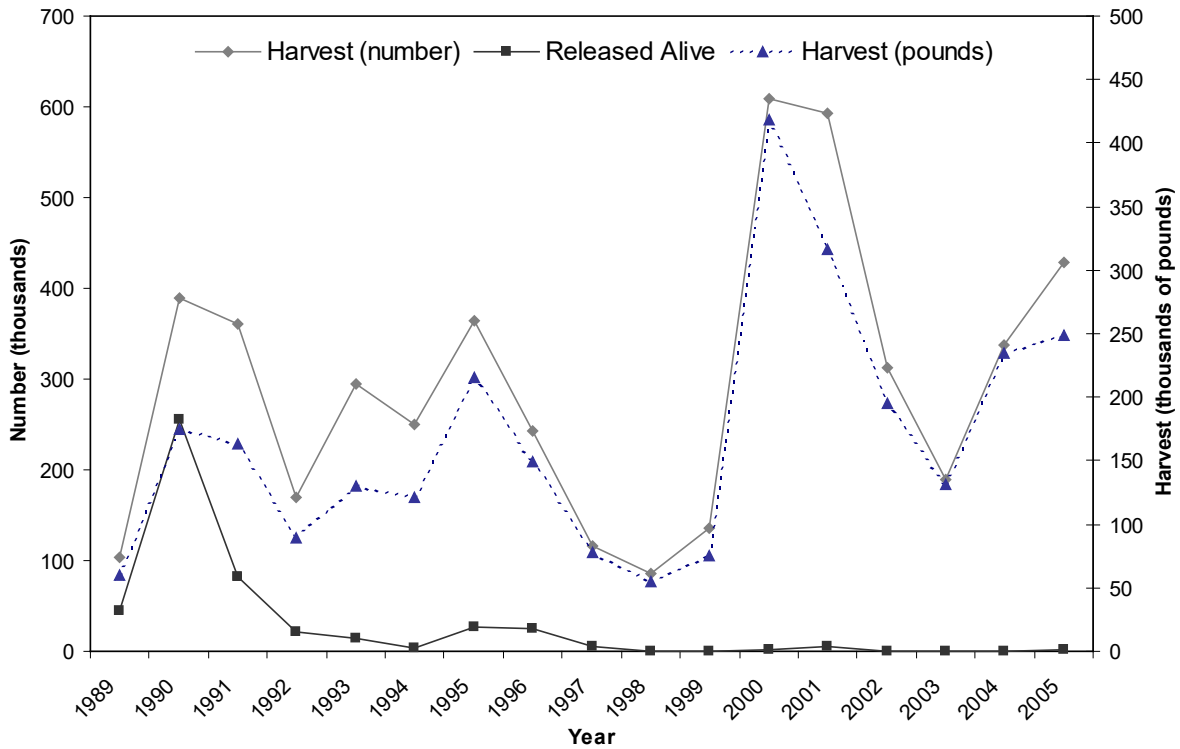


Figure 49. Southern kingfish recreational catch in North Carolina by year, 1989-2005.

Table 86. Southern kingfish recreational catch in North Carolina by year, 1989-2005.

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	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	0
2003	188,912	14	130,792	16	11.5	0.7	22	0	0
2004	337,594	14	234,166	14	11.7	0.7	21	0	0
2005	428,923	16	249,184	16	11.6	0.7	20	1,160	100

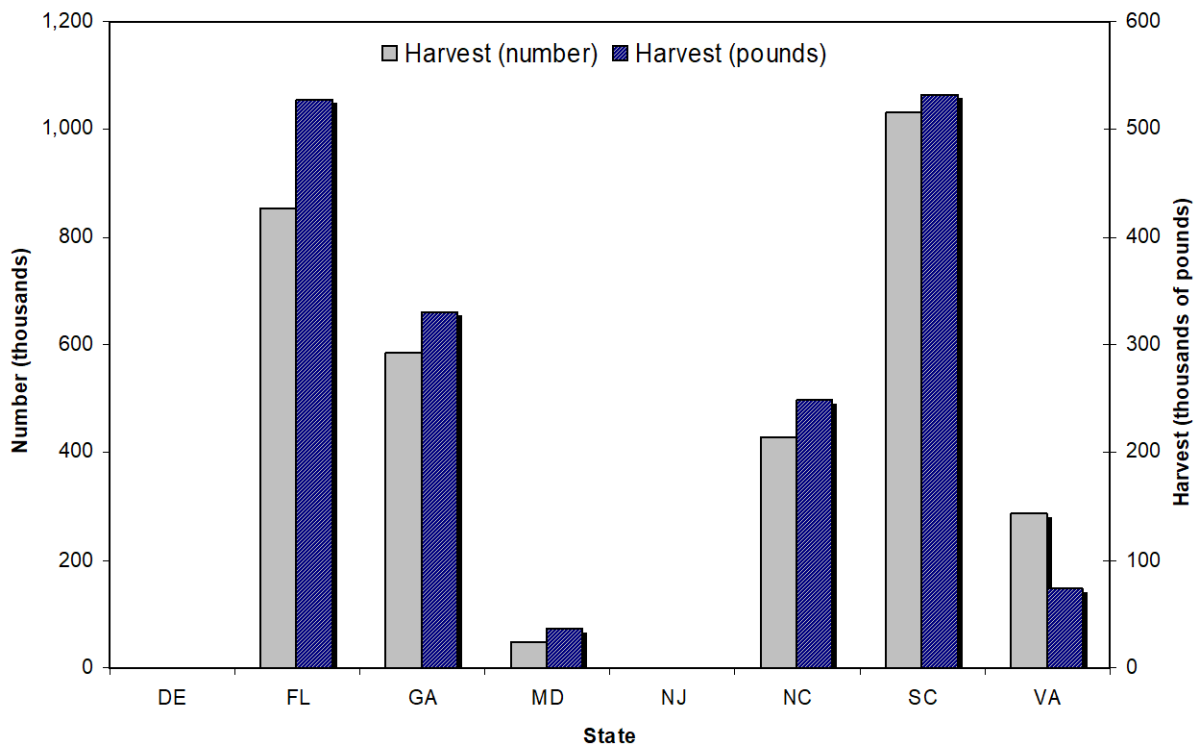


Figure 50. Southern kingfish recreational harvest by state, 2005.

Table 87. Southern kingfish recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	367	91	212	12	11.0	0.7	79
East Florida	854,144	15	528,317	15	11.5	0.7	19
Georgia	585,158	17	330,463	17	11.3	0.7	21
Maryland	48,738	51	36,237	51	12.2	0.7	76
New Jersey	102	101	55	101	14.7	0.4	123
North Carolina	428,923	16	249,184	16	11.6	0.7	20
South Carolina	1,030,443	15	532,120	16	10.5	0.4	26
Virginia	287,095	42	73,279	46	9.8	0.4	55

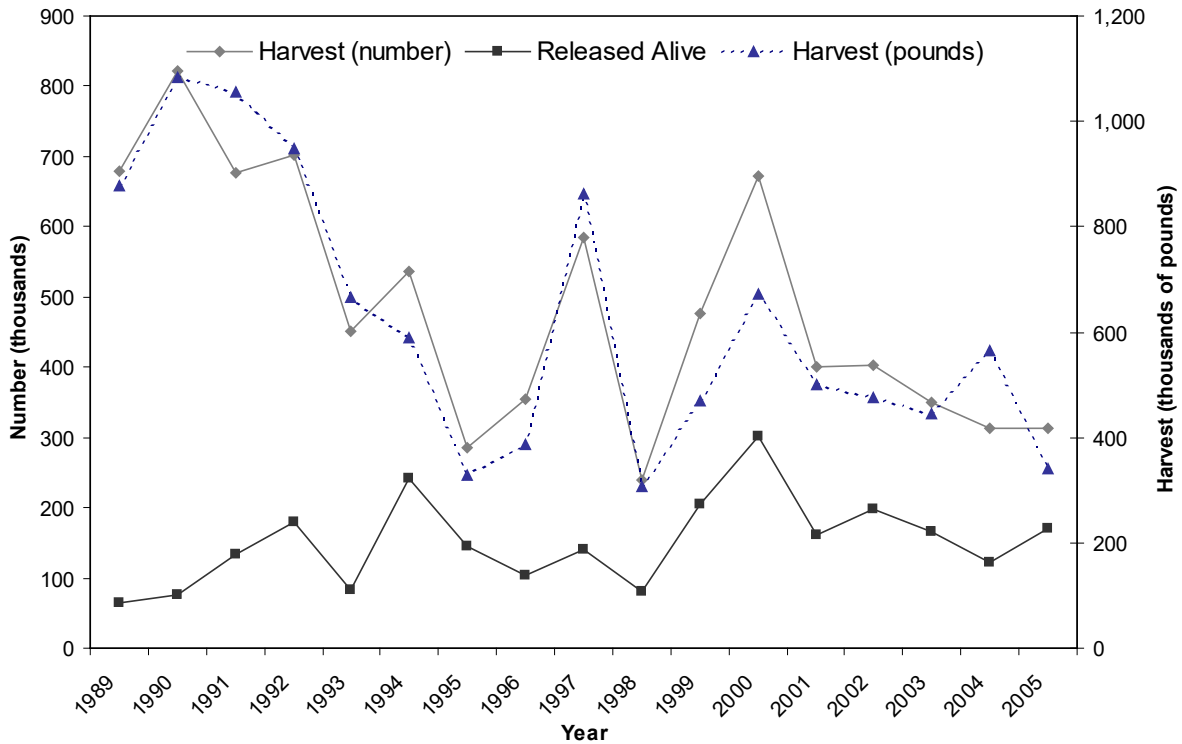


Figure 51. Spanish mackerel recreational catch in North Carolina by year, 1989-2005.

Table 88. Spanish mackerel recreational catch in North Carolina by year, 1989-2005.

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
2005	313,033	13	341,951	15	15.1	1.1	20	170,663	14

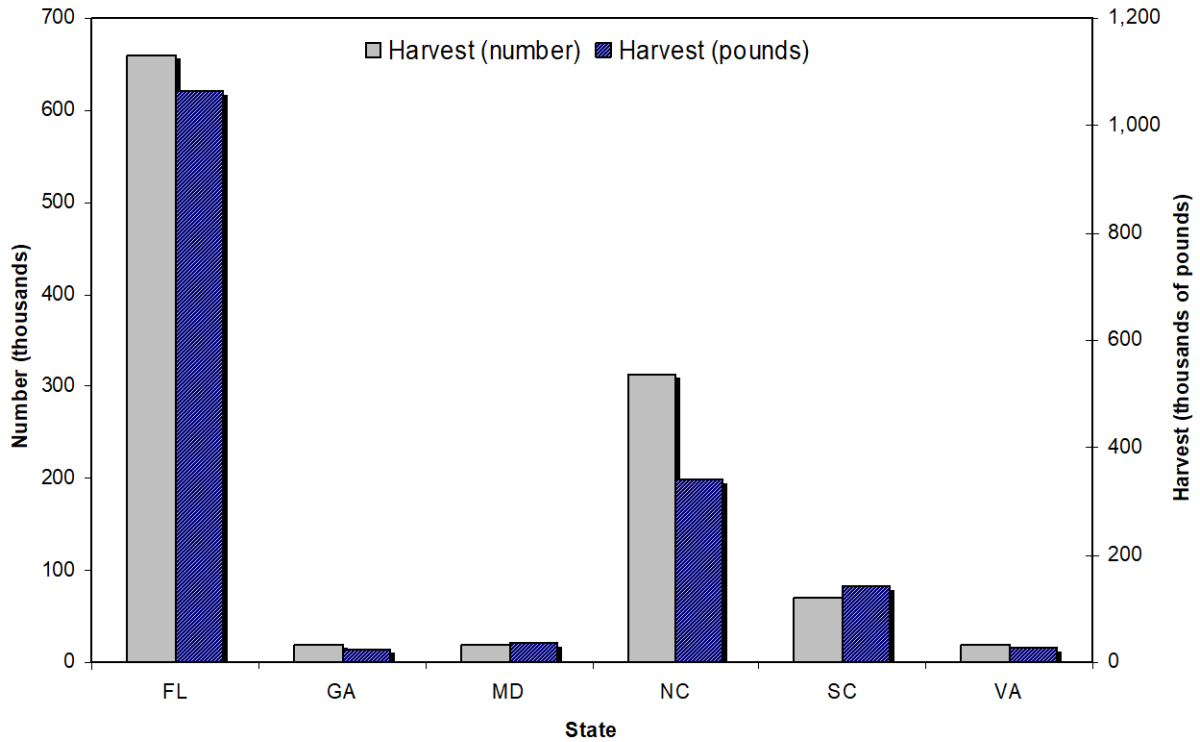


Figure 52. Spanish mackerel recreational harvest by state, 2005.

Table 89. Spanish mackerel recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	659,879	11	1,063,263	13	16.7	1.5	18
Georgia	19,805	67	24,136	61	15.7	1.3	74
Maryland	19,691	27	36,524	27	17.1	1.8	40
North Carolina	313,033	13	341,951	15	15.1	1.1	20
South Carolina	71,132	29	141,132	40	14.3	2.0	48
Virginia	20,155	82	27,683	82	15.9	1.3	98

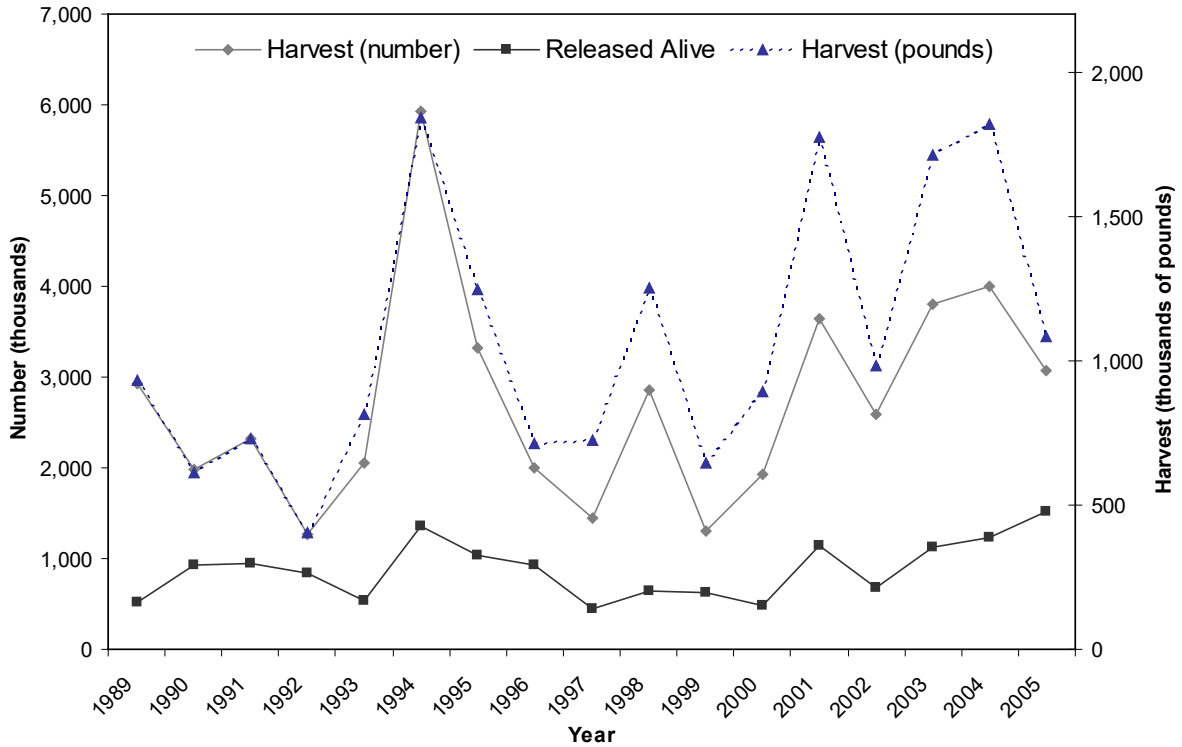


Figure 53. Spot recreational catch in North Carolina by year, 1989-2005.

Table 90. Spot recreational catch in North Carolina by year, 1989-2005.

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
2005	3,064,934	9	1,083,885	10	8.7	0.4	11	1,524,195	10

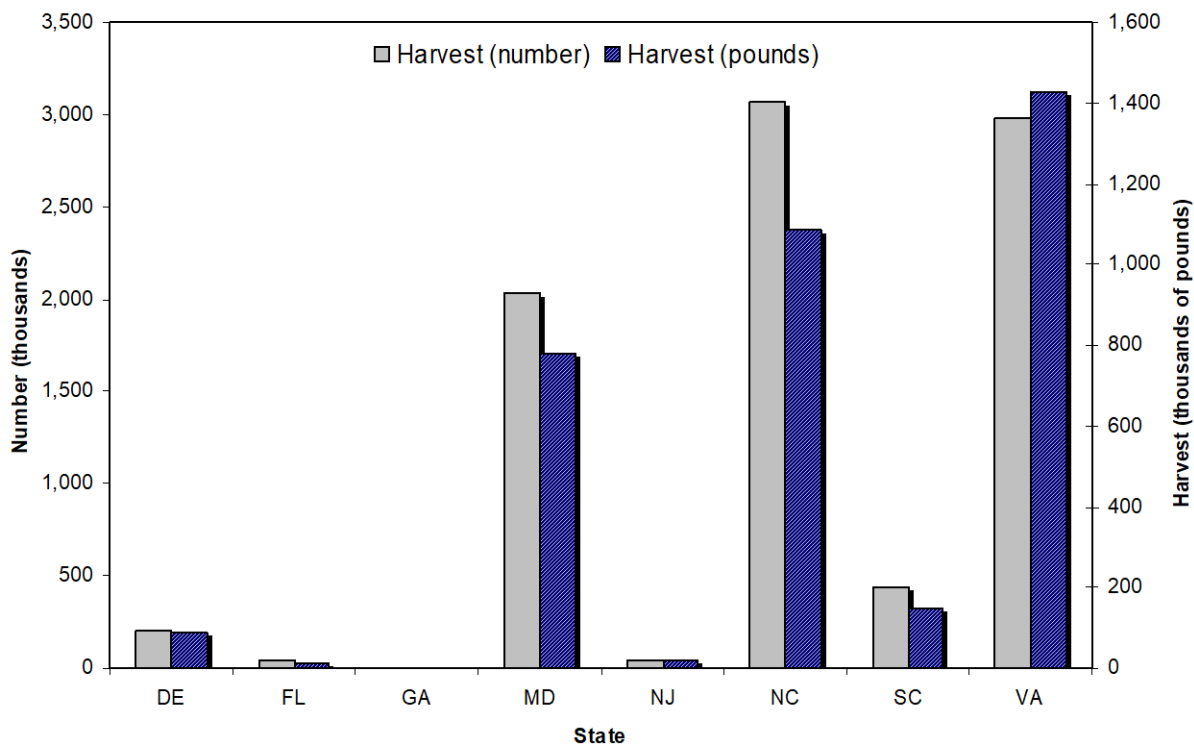


Figure 54. Spot recreational harvest by state, 2005.

Table 91. Spot recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	200,200	21	89,824	22	8.5	0.4	30
East Florida	40,430	34	12,390	36	8.2	0.2	70
Georgia	2,960	58	902	59	8.2	0.2	104
Maryland	2,033,162	15	779,741	17	8.2	0.4	20
New Jersey	39,988	62	18,982	61	8.6	0.4	84
North Carolina	3,064,934	9	1,083,885	10	8.7	0.4	11
South Carolina	442,275	33	150,153	35	8.7	0.4	36
Virginia	2,977,473	17	1,427,300	17	8.9	0.4	26

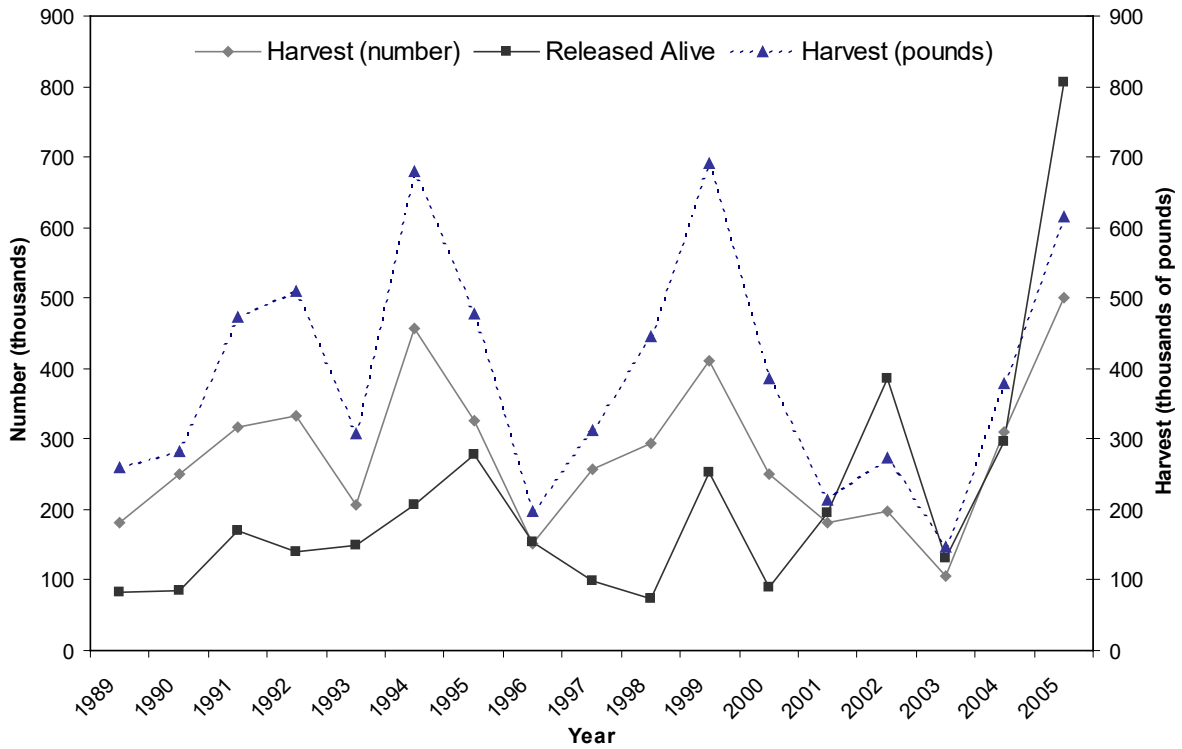


Figure 55. Spotted seatrout recreational catch in North Carolina by year, 1989-2005.

Table 92. Spotted seatrout recreational catch in North Carolina by year, 1989-2005.

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
2005	500,992	11	615,200	12	14.4	1.3	15	806,592	13

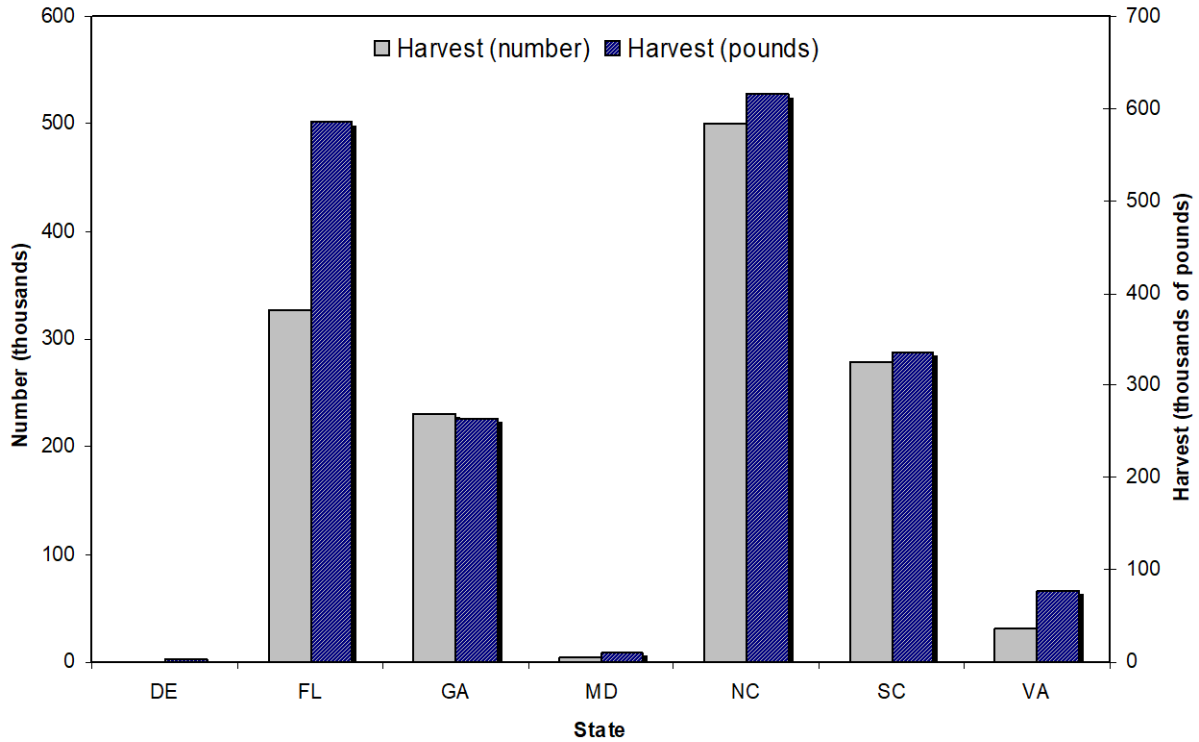


Figure 56. Spotted seatrout recreational harvest by state, 2005.

Table 93. Spotted seatrout recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	347	100	3,441	0	31.9	9.9	0
East Florida	326,970	9	586,091	10	17.1	1.8	14
Georgia	230,762	16	263,315	16	14.7	1.1	23
Maryland	3,810	100	10,710	99	19.9	2.9	98
North Carolina	500,992	11	615,200	12	14.4	1.3	15
South Carolina	278,203	20	335,849	21	14.8	1.1	31
Virginia	31,537	54	76,575	54	18.5	2.4	71

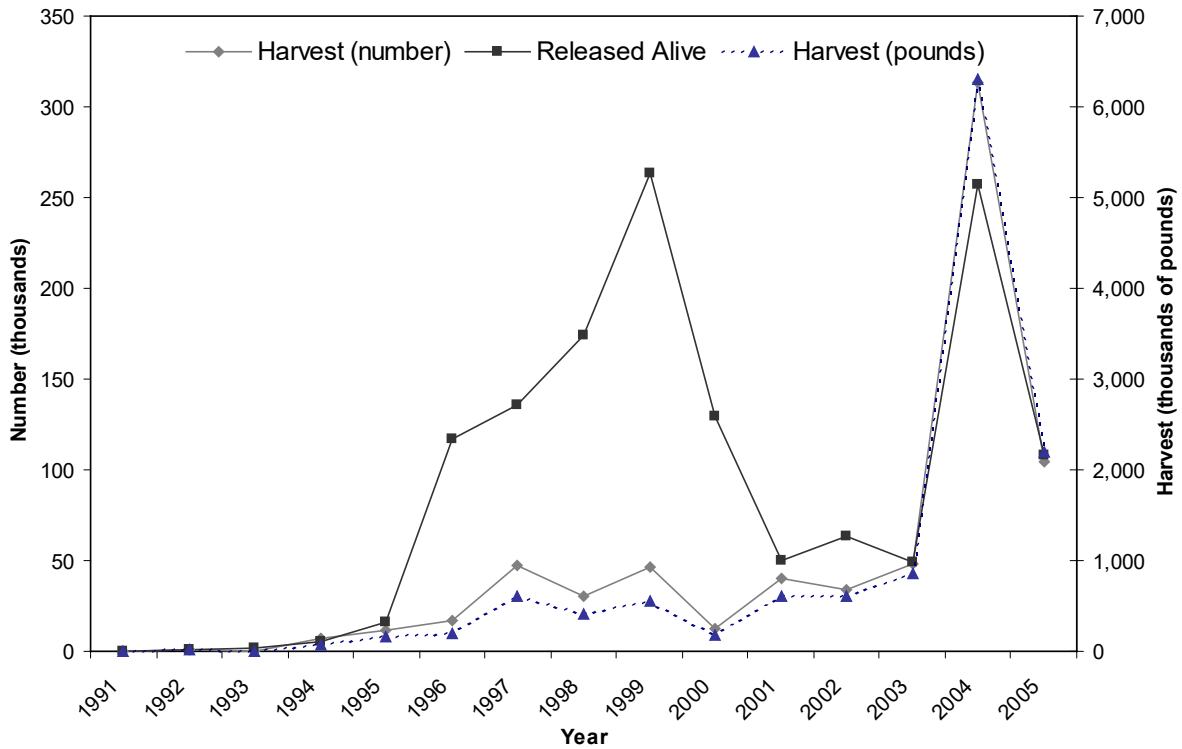


Figure 57. Striped bass Atlantic Ocean recreational catch in North Carolina by year, 1991-2005.

Table 94. Striped bass Atlantic Ocean recreational catch in North Carolina by year, 1991-2005.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1991	391	100	3,882	0	27.0	9.9	0	256	100
1992	967	100	16,197	0	33.4	16.8	0	679	100
1993	264	100	3,029	0	31.6	11.5	0	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
2005	104,843	19	2,188,143	19	36.1	20.9	27	108,469	20

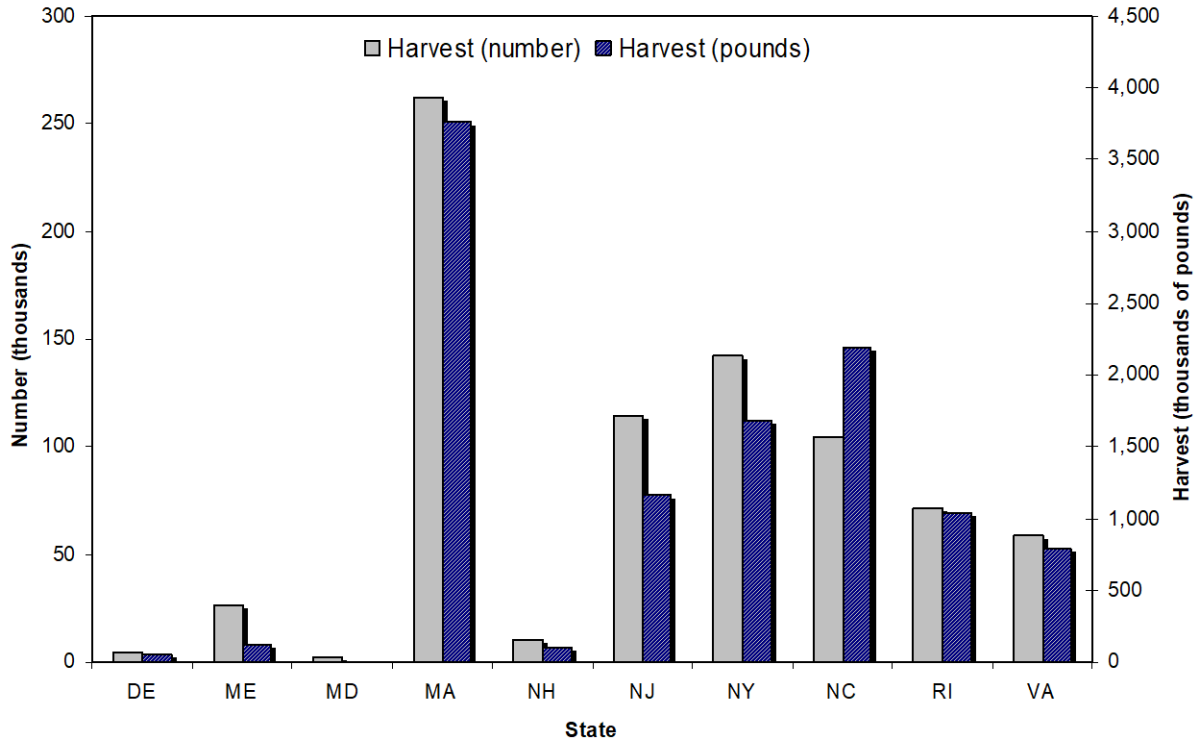


Figure 58. Striped bass Atlantic Ocean recreational harvest by state, 2005.

Table 95. Striped bass Atlantic Ocean recreational harvest by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	4,197	37	53,770	38	32.5	12.8	51
Maine	26,364	24	121,701	26	22.5	4.6	35
Maryland	2,613	100	0	0	0.0	0.0	0
Massachusetts	262,413	11	3,764,282	12	32.8	14.3	16
New Hampshire	10,342	30	105,733	30	29.4	10.1	42
New Jersey	114,535	18	1,159,161	20	30.5	10.8	27
New York	142,532	20	1,682,892	23	32.5	13.9	31
North Carolina	104,843	19	2,188,143	19	36.1	20.9	27
Rhode Island	71,310	14	1,035,117	16	34.3	15.2	22
Virginia	58,761	22	788,224	22	31.6	13.5	31

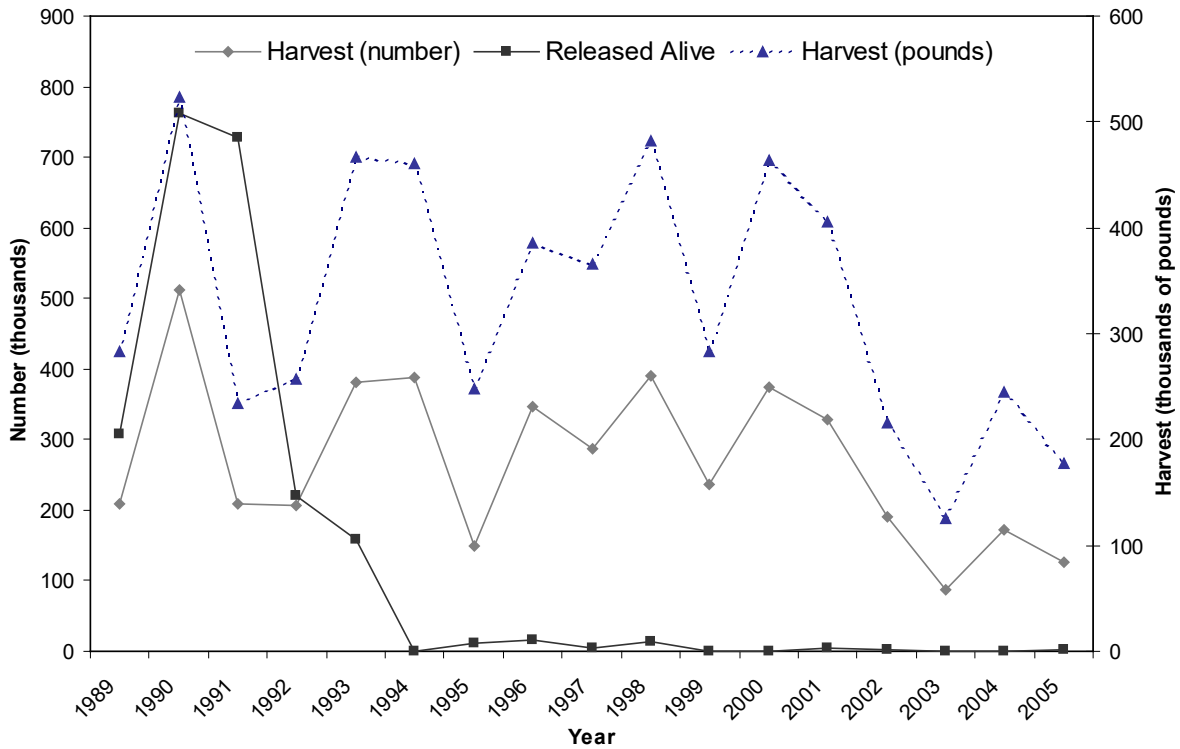


Figure 59. Summer flounder recreational catch in North Carolina by year, 1989-2005.

Table 96. Summer flounder recreational catch in North Carolina by year, 1989-2005.

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	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	0
2005	126,697	15	177,364	17	15.5	1.3	24	1,620	75

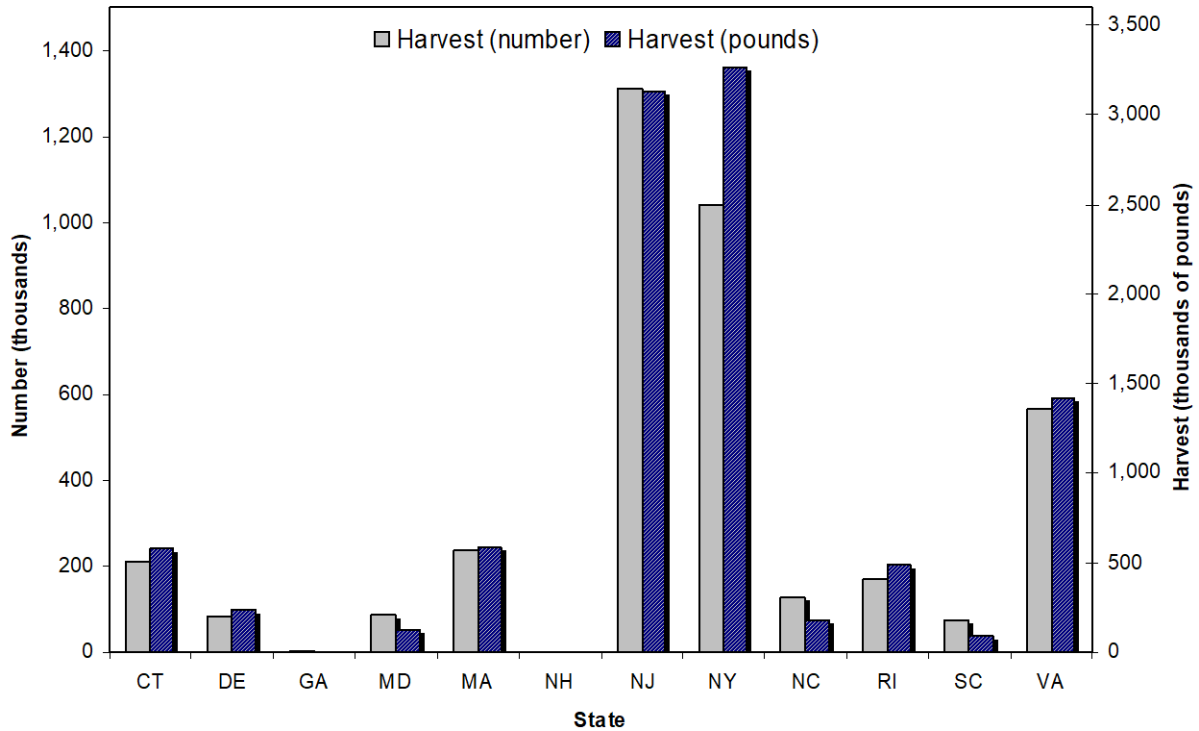


Figure 60. Summer flounder recreational harvest by state, 2005.

Table 97. Summer flounder recreational catch by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	210,705	21	581,549	22	19.1	2.9	29
Delaware	82,561	14	239,298	14	19.4	2.9	20
Georgia	1,920	90	2,864	86	17.2	1.5	94
Maryland	85,881	24	123,808	35	18.2	2.2	48
Massachusetts	237,765	19	590,299	21	18.1	2.4	29
New Hampshire	0	0	0	0	0.0	0.0	0
New Jersey	1,311,482	8	3,129,035	9	18.2	2.4	12
New York	1,041,266	11	3,263,743	11	19.7	3.3	15
North Carolina	126,697	15	177,364	17	15.5	1.3	24
Rhode Island	169,229	13	491,452	15	20.0	3.1	20
South Carolina	74,184	30	94,152	31	13.7	1.3	40
Virginia	564,490	12	1,421,601	12	18.8	2.4	17

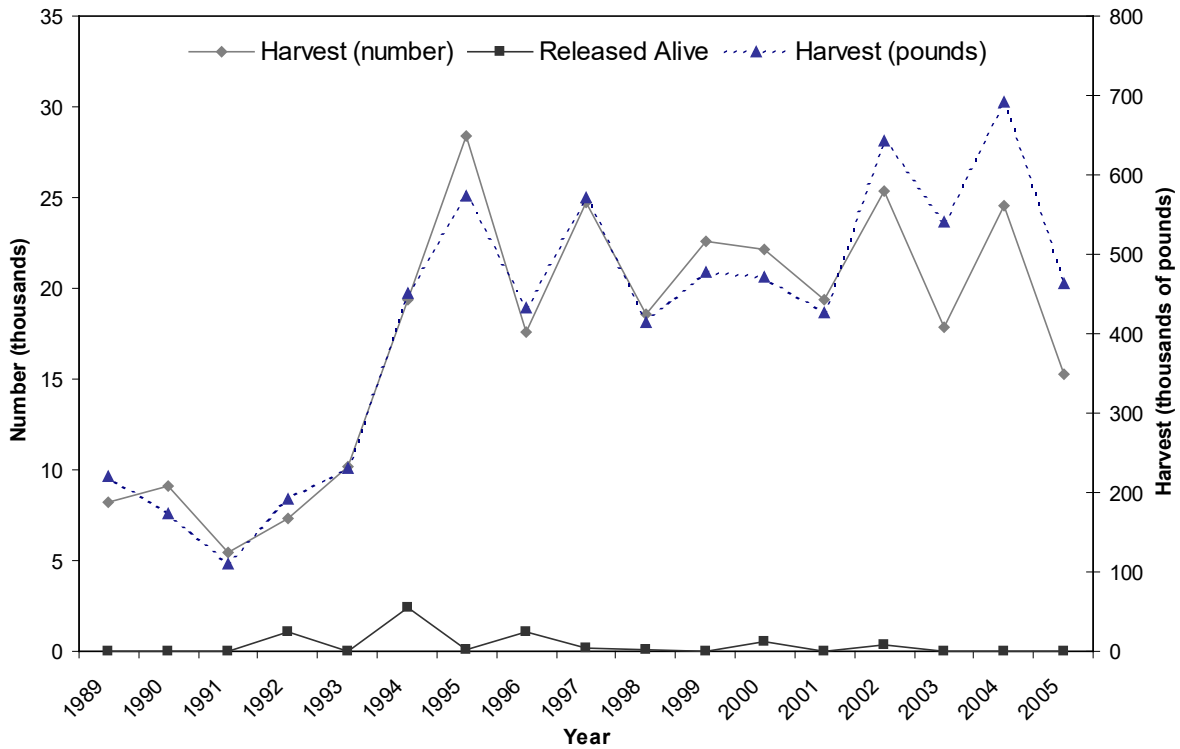


Figure 61. Wahoo recreational catch in North Carolina by year, 1989-2005.

Table 98. Wahoo recreational catch in North Carolina by year, 1989-2005.

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	0
1990	9,119	22	174,432	21	43.8	19.2	30	0	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	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	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	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	0
2004	24,514	25	692,710	29	52.4	28.2	37	0	0
2005	15,309	21	463,204	29	48.9	30.2	35	0	0

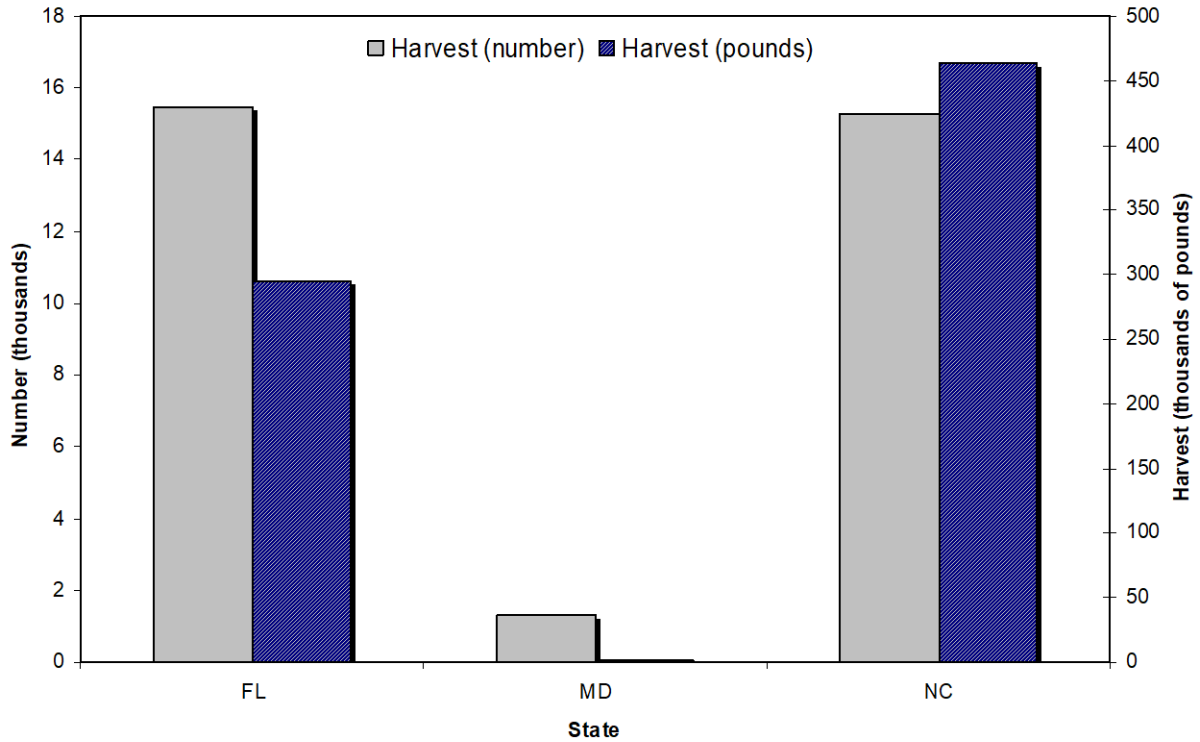


Figure 62. Wahoo recreational harvest by state, 2005.

Table 99. Wahoo recreational catch by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	15,458	20	295,632	24	40.3	19.2	31
Maryland	1,292	97	1,109	0	0.0	65.0	0
North Carolina	15,309	21	463,204	29	48.9	30.2	35

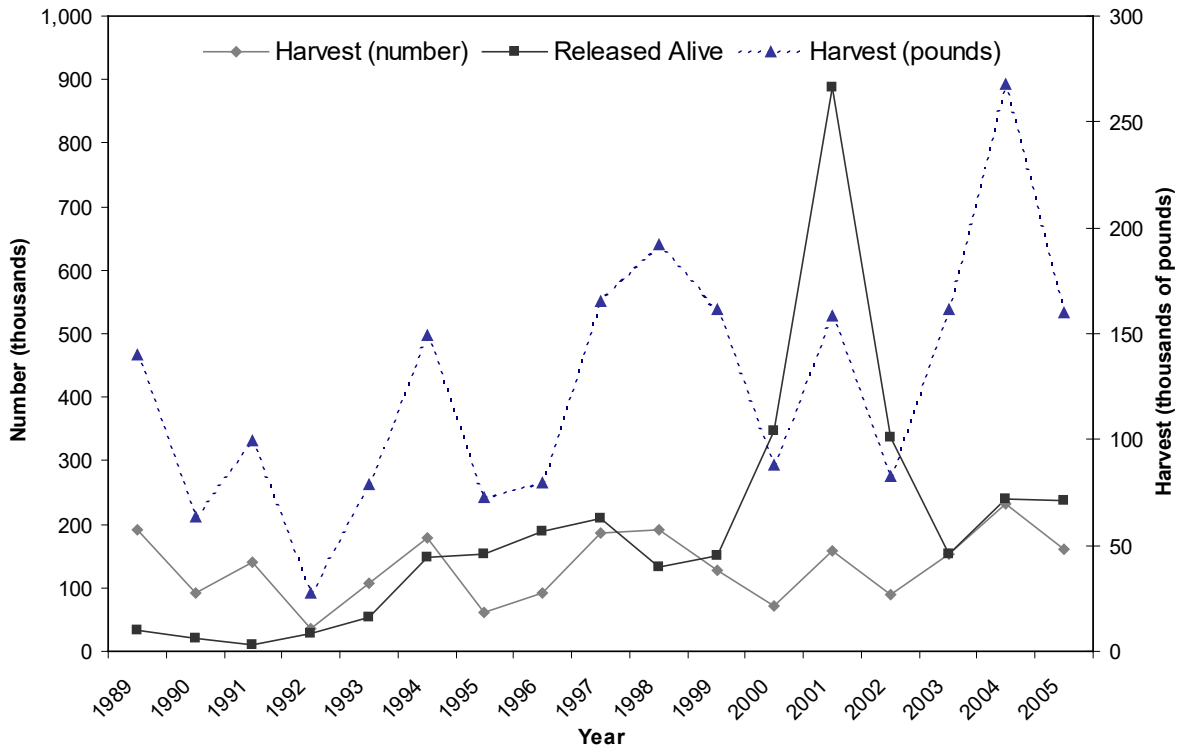


Figure 63. Weakfish recreational catch in North Carolina by year, 1989-2005.

Table 100. Weakfish recreational catch in North Carolina by year, 1989-2005.

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
2005	160,968	18	159,686	18	14.3	0.9	28	237,325	15

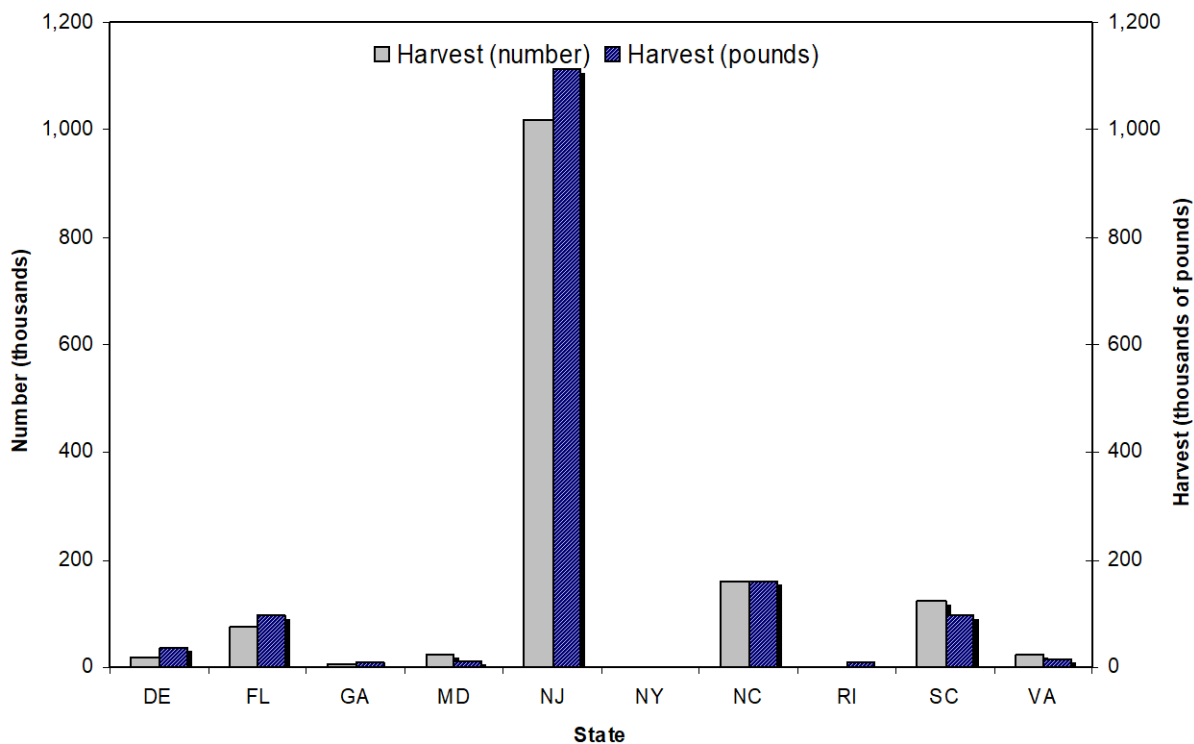


Figure 64. Weakfish recreational harvest by state, 2005.

Table 101. Weakfish recreational catch by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	18,401	23	37,383	32	16.0	2.0	40
East Florida	76,481	26	97,318	39	14.7	1.3	44
Georgia	7,280	39	9,824	42	15.4	1.3	56
Maryland	24,037	35	10,961	46	13.8	0.9	63
New Jersey	1,019,368	15	1,113,722	15	14.4	1.1	21
New York	165	98	278	99	17.0	1.8	96
North Carolina	160,968	18	159,686	18	14.3	0.9	28
Rhode Island	1,001	71	8,391	0	30.9	8.4	0
South Carolina	124,012	34	97,840	37	12.4	0.9	44
Virginia	22,807	36	15,293	37	12.3	0.7	51

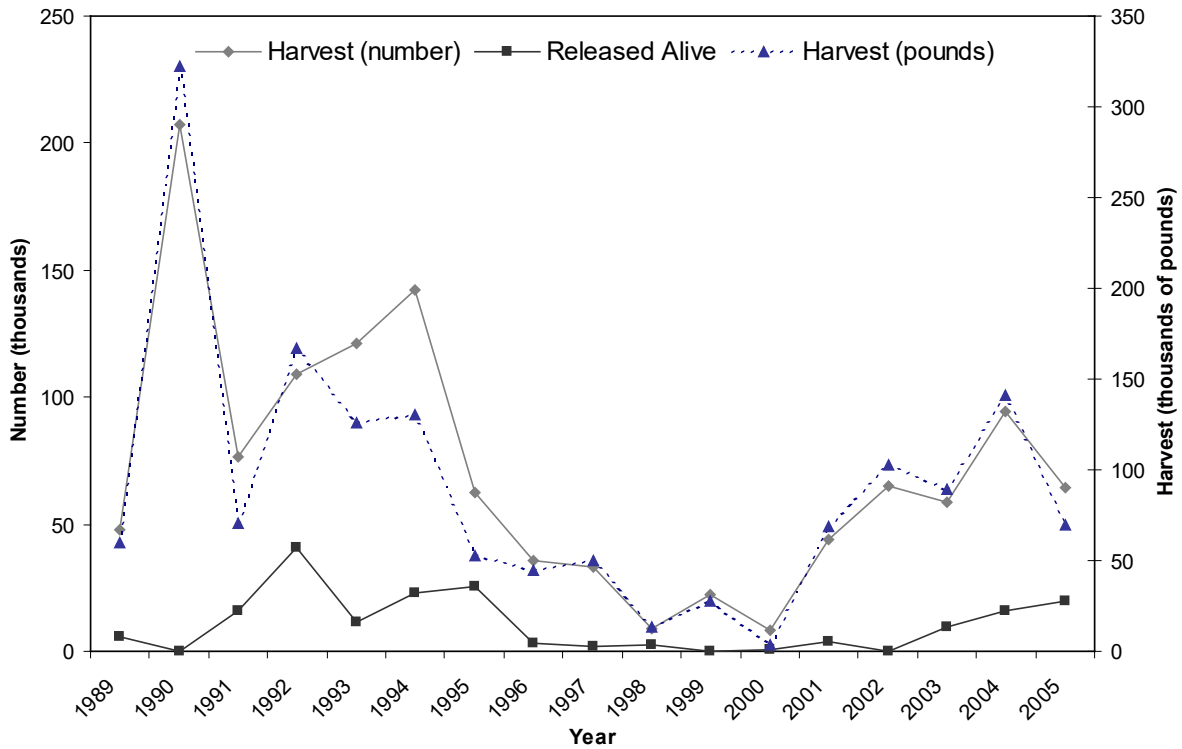


Figure 65. White grunt recreational catch in North Carolina by year, 1989-2005.

Table 102. White grunt recreational catch in North Carolina by year, 1989-2005.

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	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	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	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
2005	64,492	29	69,432	36	12.9	1.1	44	19,537	58

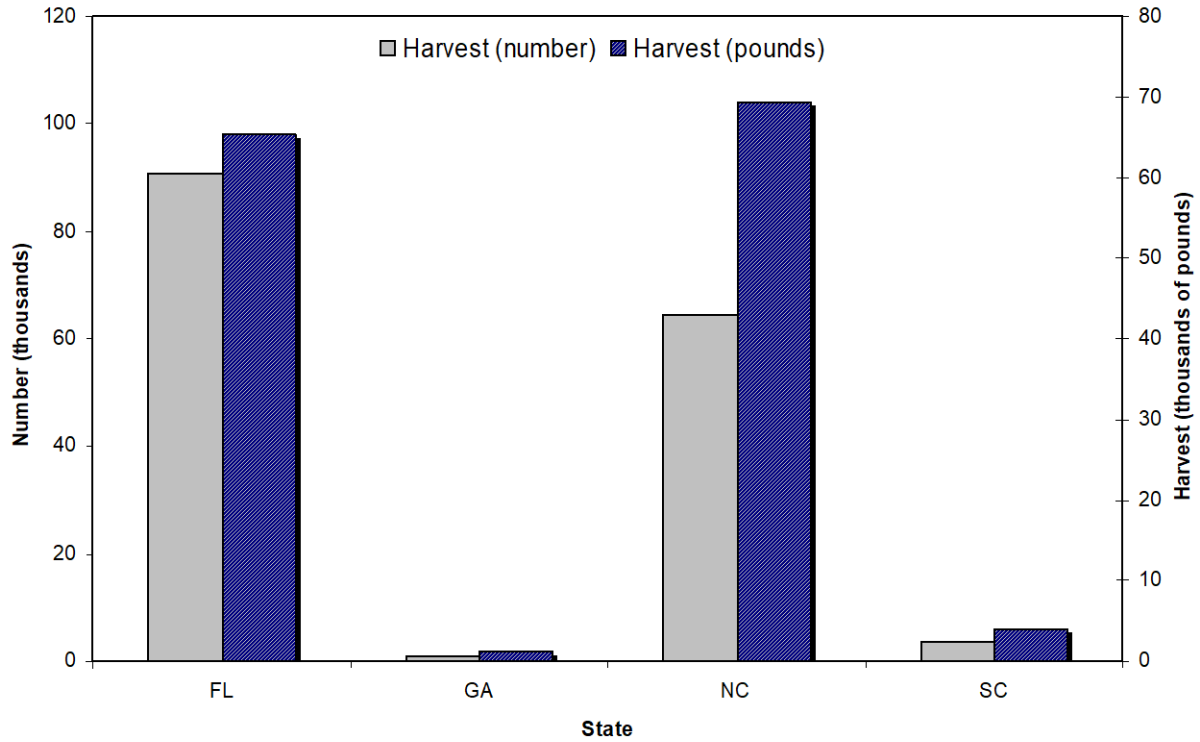


Figure 66. White grunt recreational harvest by state, 2005.

Table 103. White grunt recreational catch by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	90,892	21	65,358	21	10.1	0.7	32
Georgia	902	40	1,248	43	13.8	1.3	59
North Carolina	64,492	29	69,432	36	12.9	1.1	44
South Carolina	3,569	54	4,030	55	14.3	1.1	73

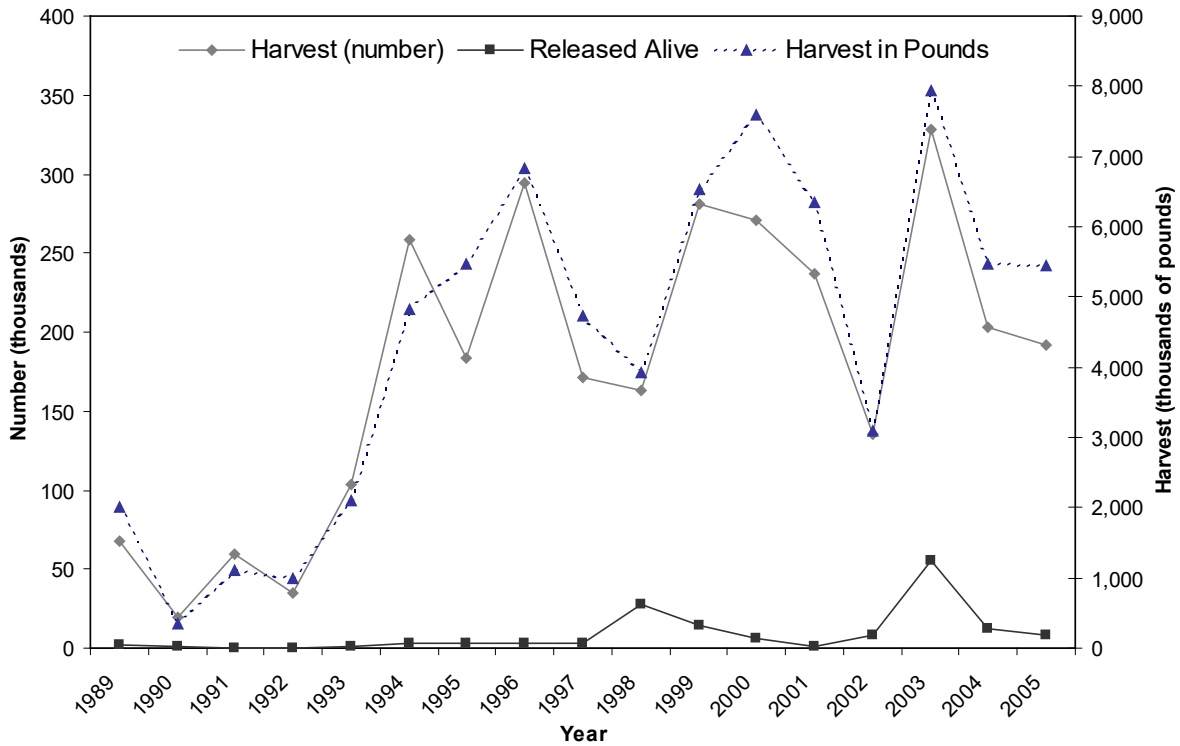


Figure 67. Yellowfin tuna recreational catch in North Carolina by year, 1989-2005.

Table 104. Yellowfin tuna recreational catch in North Carolina by year, 1989-2005.

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	102
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
2005	191,382	13	5,437,258	15	34.8	28.4	19	8,431	20

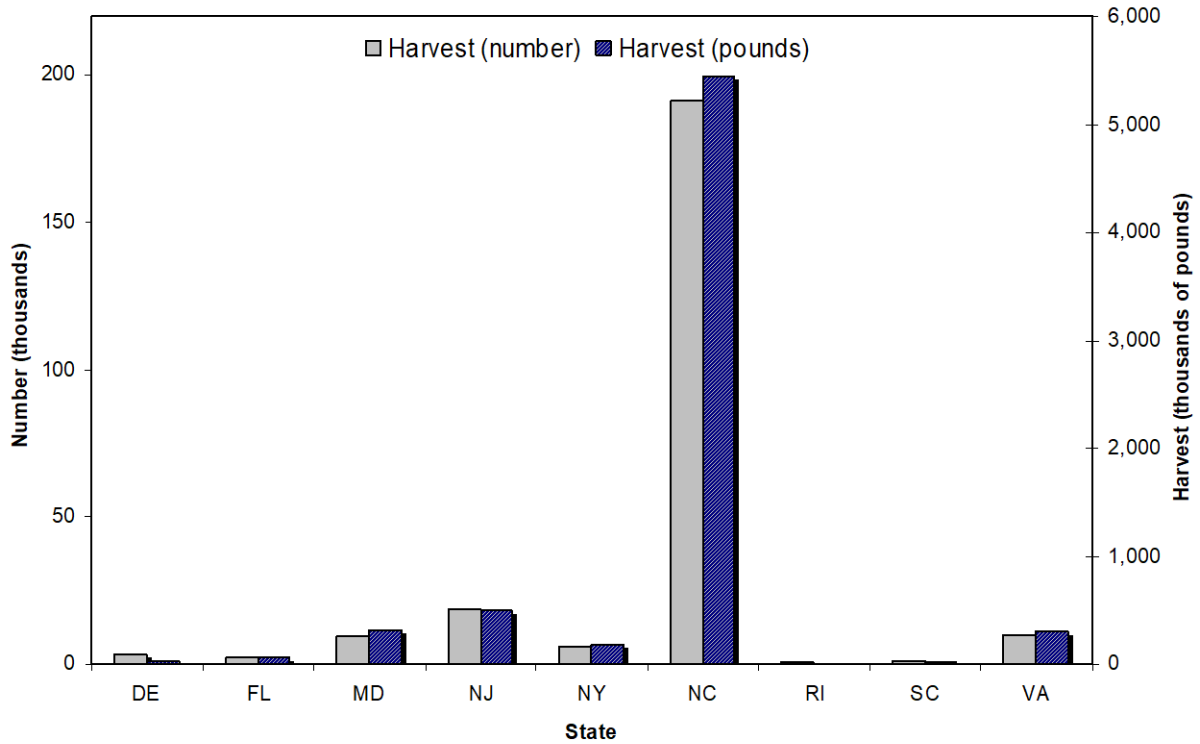


Figure 68. Yellowfin tuna recreational catch by state, 2005.

Table 105. Yellowfin tuna recreational catch by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	3,518	38	33,878	61	29.1	25.1	71
East Florida	2,155	51	53,841	51	0.0	24.9	68
Maryland	9,482	37	321,023	41	33.5	34.0	53
New Jersey	18,630	45	491,842	32	38.9	26.5	53
New York	5,819	75	185,916	40	0.0	32.0	80
North Carolina	191,382	13	5,437,258	15	34.8	28.4	19
Rhode Island	684	100	0	0	0.0	0.0	0
South Carolina	958	100	22,416	100	0.0	23.4	100
Virginia	9,829	69	307,372	35	34.3	31.3	73

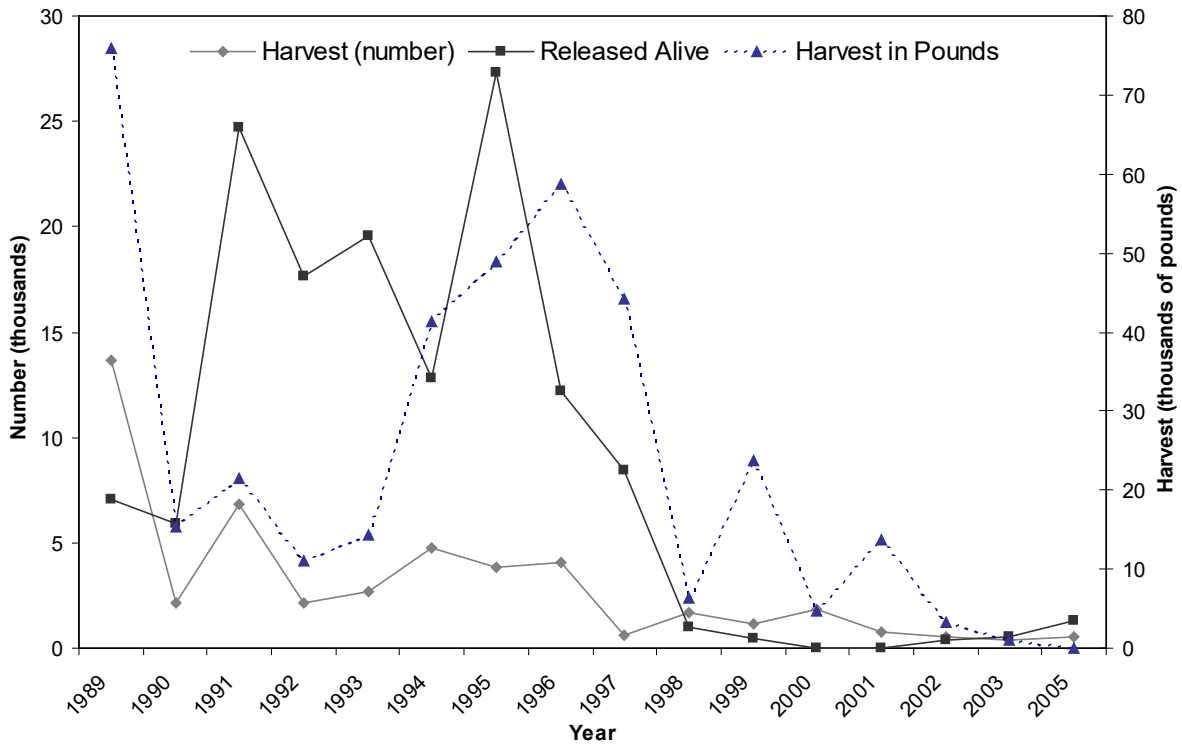


Figure 69. Large coastal shark recreational catch in North Carolina by year, 1989-2005.

Table 106. Large coastal shark recreational catch in North Carolina by year, 1989-2005.

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	0	30.1	8.6	0	0	0
2001	801	81	13,695	65	28.8	18.1	92	0	0
2002	567	99	3,311	99	25.3	6.0	98	353	100
2003	405	91	1,012	91	0.0	2.4	101	552	100
2005	513	100	0	0	0.0	0.0	0	1,336	63

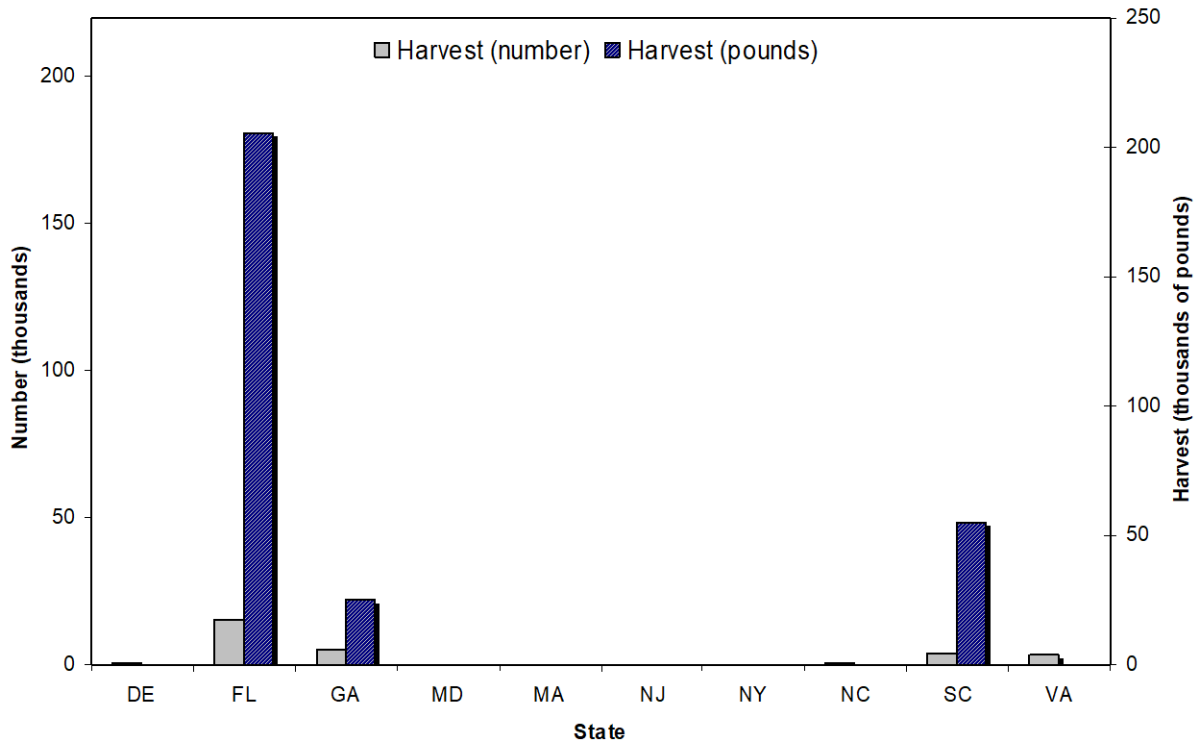


Figure 70. Large coastal shark recreational harvest by state, 2005.

Table 107. Large coastal shark recreational catch by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	347	100	0	0	52.4	0.0	0.0
East Florida	15,549	29	205,526	33	28.0	15.7	46.2
Georgia	5,219	70	25,027	100	23.2	13.5	99.4
Maryland	0	0	0	0	0.0	0.0	0.0
Massachusetts	0	0	0	0	0.0	0.0	0.0
New Jersey	0	0	0	0	0.0	0.0	0.0
New York	0	0	0	0	0.0	0.0	0.0
North Carolina	513	100	0	0	0.0	0.0	0.0
South Carolina	3,984	62	54,692	67	28.5	14.1	81.4
Virginia	3,206	72	0	0	35.9	0.0	0.0

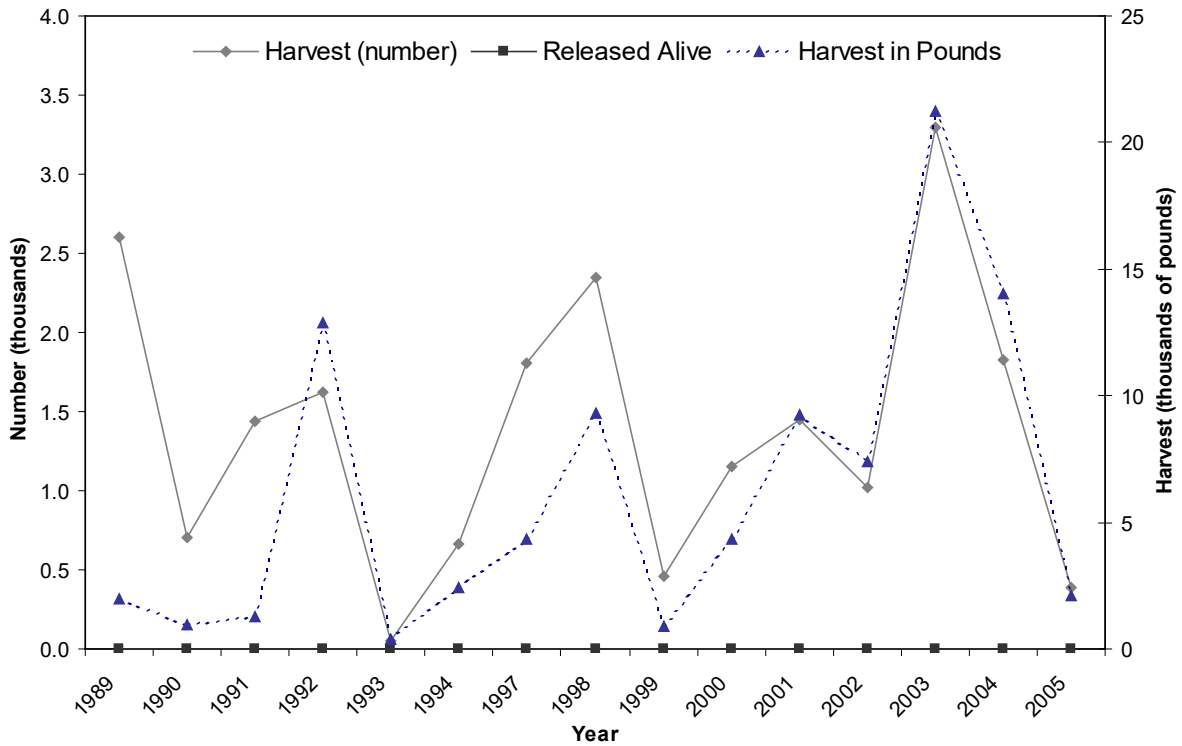


Figure 71. Small coastal shark recreational catch in North Carolina by year, 1989-2005.

Table 108. Small coastal shark recreational catch in North Carolina by year, 1989-2005.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	317	70	5,031	0	35.1	15.9	0	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	0	0
1992	606	63	1,016	0	40.9	26.5	0	1,027	100
1993	88	61	11,199	0	70.6	127.4	0	0	0
1994	391	90	6,168	0	37.2	15.9	0	482	72
1995	262	42	9,639	47	45.9	36.8	60	0	0
1996	45	99	4,156	0	67.0	93.3	0	0	0
1997	164	59	15,518	0	78.6	154.4	0	0	0
1998	388	37	10,767	0	34.0	39.5	0	84	73
1999	42	100	1,660	0	40.4	39.5	0	0	0
2000	254	47	20,368	0	47.9	80.0	0	0	0
2001	305	41	35,900	47	67.8	163.4	65	272	100
2002	121	72	28,005	0	95.4	231.5	0	0	0
2003	52	101	0	0	0.0	0.0	0	0	0

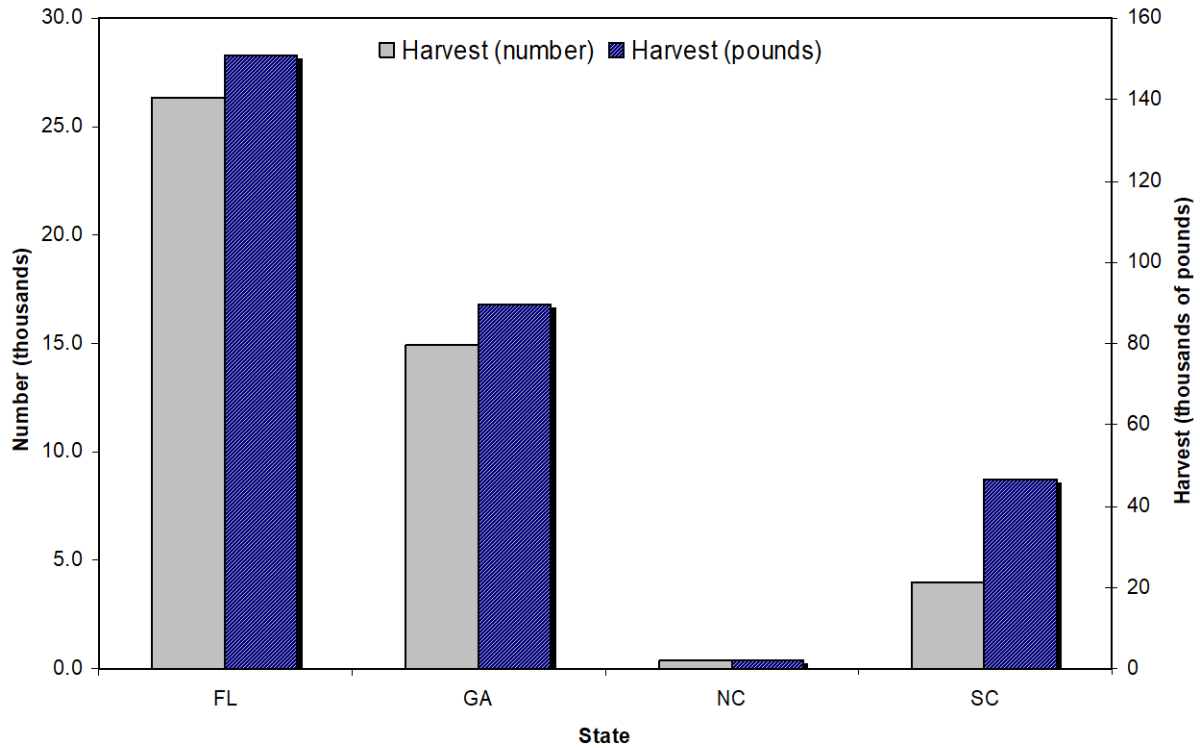


Figure 72. Small coastal shark recreational harvest by state, 2005.

Table 109. Small coastal shark recreational catch by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	26,373	19	150,823	20	26.0	6.6	28.1
Georgia	14,925	50	89,524	42	31.2	6.0	62.2
North Carolina	390	77	2,132	77	0.0	5.5	90.5
South Carolina	3,949	49	46,389	73	37.6	14.8	82.7

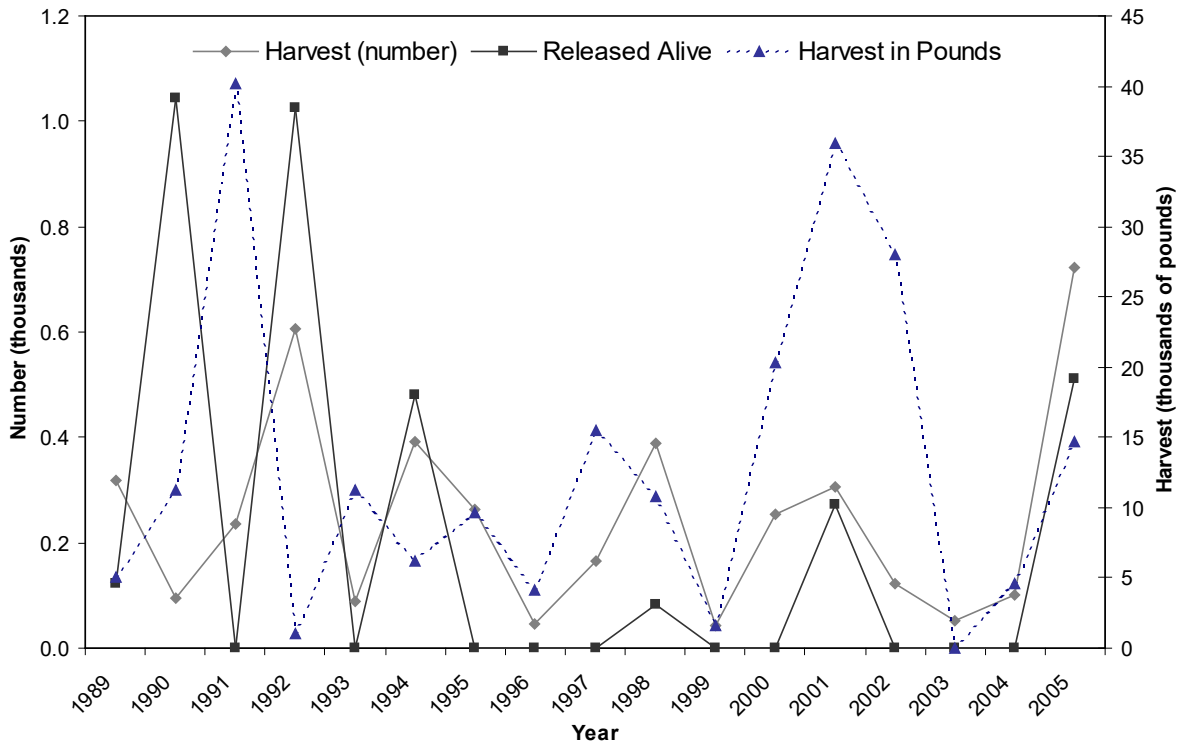


Figure 73. Pelagic shark recreational catch in North Carolina by year, 1989-2005.

Table 110. Pelagic shark recreational catch in North Carolina by year, 1989-2005.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	317	70	5,031	0	35.1	15.9	0	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	0	0
1992	606	63	1,016	0	40.9	26.5	0	1,027	100
1993	88	61	11,199	0	70.6	127.4	0	0	0
1994	391	90	6,168	0	37.2	15.9	0	482	72
1995	262	42	9,639	47	45.9	36.8	60	0	0
1996	45	99	4,156	0	67.0	93.3	0	0	0
1997	164	59	15,518	0	78.6	154.4	0	0	0
1998	388	37	10,767	0	34.0	39.5	0	84	73
1999	42	100	1,660	0	40.4	39.5	0	0	0
2000	254	47	20,368	0	47.9	80.0	0	0	0
2001	305	41	35,900	47	67.8	163.4	65	272	100
2002	121	72	28,005	0	95.4	231.5	0	0	0
2003	52	101	0	0	0.0	0.0	0	0	0
2004	100	76	4,601	0	72.1	151.3	0	0	0
2005	722	57	14,680	0	53.6	52.5	0	512	94

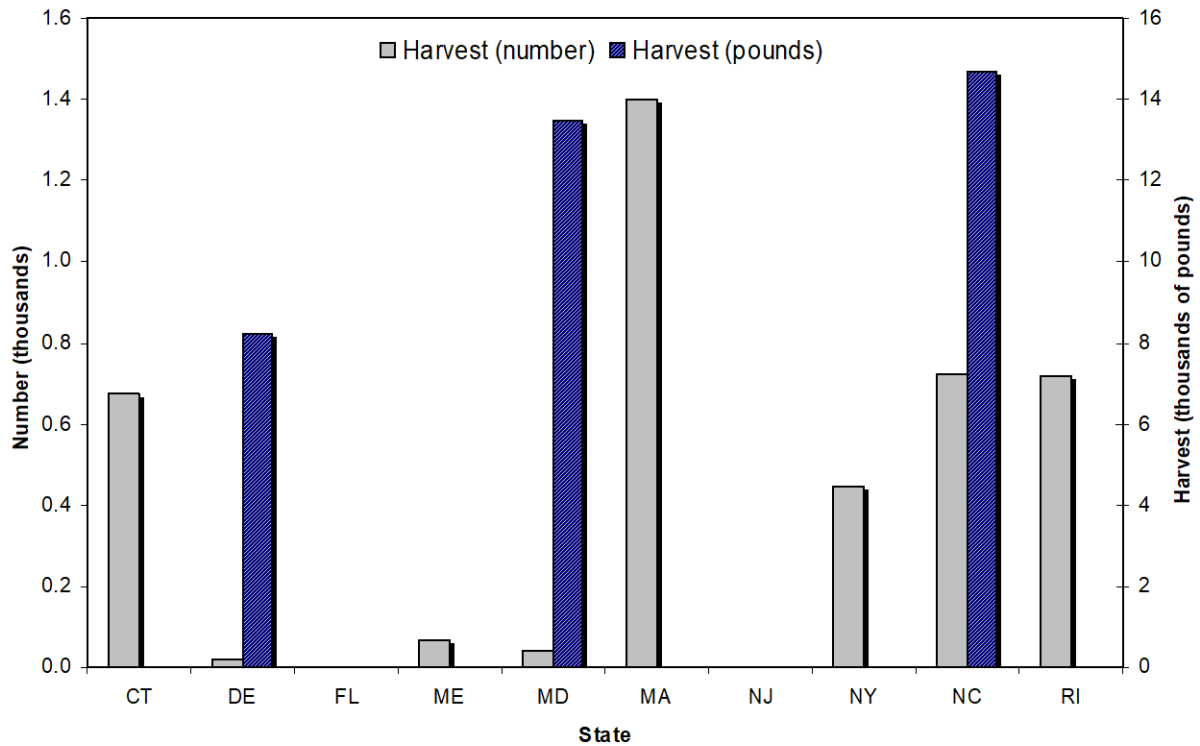


Figure 74. Pelagic shark recreational harvest by state, 2005.

Table 111. Pelagic shark recreational catch by state, 2005.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	675	100	0	0	0.0	0.0	0.0
Delaware	21	82	8,239	81	0.0	389.2	93.8
East Florida	0	0	0	0	0.0	0.0	0.0
Maine	66	100	0	0	0.0	0.0	0.0
Maryland	38	111	13,477	111	0.0	355.4	97.3
Massachusetts	1,400	100	0	0	71.2	0.0	0.0
New Jersey	0	0	0	0	0.0	0.0	0.0
New York	446	104	0	0	0.0	0.0	0.0
North Carolina	722	57	14,680	0	53.6	52.5	0.0
Rhode Island	718	96	0	0	0.0	0.0	0.0

Table 112. 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 113. North Carolina Division of Marine Fisheries highly migratory species landing summary, 2005.

Date	Port	Trip Type	Tournament	Species	Length (inches)	Weight (pounds)
15-May	Wilmington	Charter	No	Blue Marlin	101.00	NA
28-May	Morehead City	Private	Yes	Blue Marlin	111.50	509.0
29-May	Morehead City	Private	Yes	Blue Marlin	114.75	506.0
13-Jun	Swansboro	Charter	Yes	Blue Marlin	108.00	415.0
13-Jun	Swansboro	Private	Yes	Blue Marlin	NA	491.5
13-Jun	Swansboro	Charter	Yes	Blue Marlin	NA	515.5
14-Jun	Swansboro	Private	Yes	Blue Marlin	108.00	482.0
15-Jun	Swansboro	Private	Yes	Blue Marlin	114.00	500.0
16-Jun	Swansboro	Private	Yes	Blue Marlin	113.25	489.5
16-Jun	Swansboro	Private	Yes	Blue Marlin	110.00	529.0
18-Jun	Swansboro	Charter	Yes	Blue Marlin	110.00	507.0
23-Jun	Oregon Inlet	Charter	No	Blue Marlin	130.00	913.0

Table 114. North Carolina recreational Atlantic bluefin tuna (ABT) landings, January 1999 through May 08, 2006.

Time Period	Hatteras		Morehead		Ocracoke		Wilmington/South		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
06/01/05 - 05/08/06	12	0.6	3	0.2			1	0.1		

* Does not include trophy category.

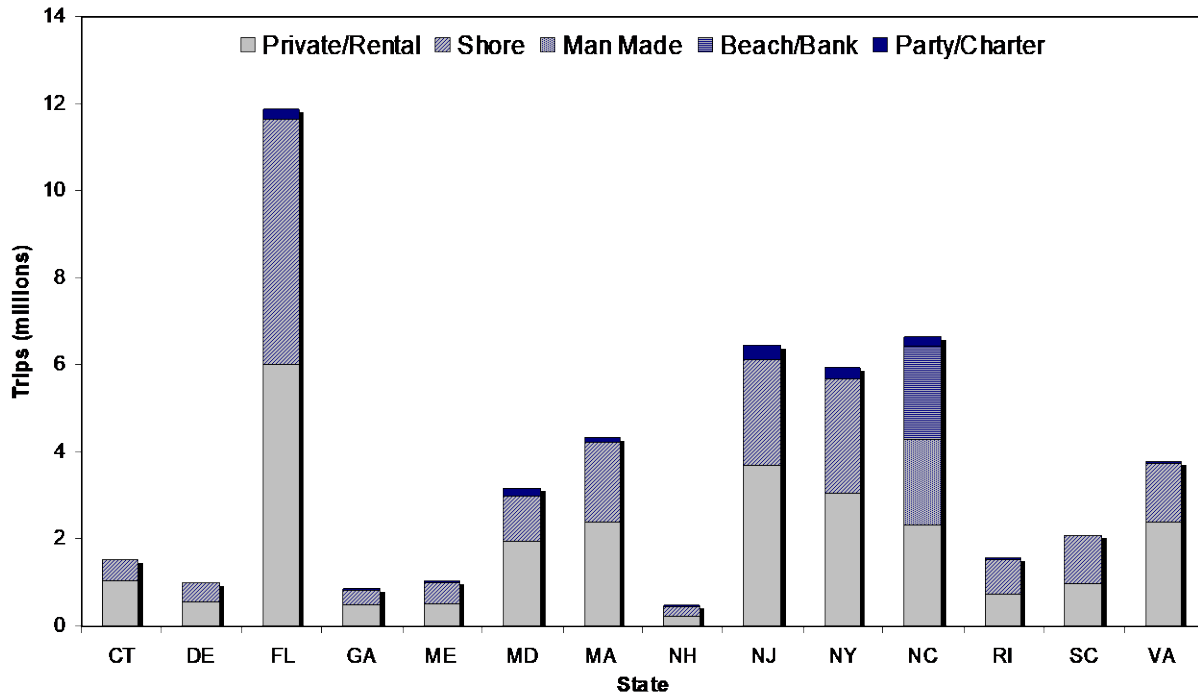


Figure 75. Atlantic Coast saltwater fishing trips by state and mode, 2005.

Table 115. Atlantic Coast saltwater fishing trips by state and mode, 2005.

State	Number of Trips					Total
	Shore	Party/Charter	Private/Rental	Man Made	Beach/Bank	
Connecticut	479,134	15,316	1,037,069			1,531,519
Delaware	449,172	16,668	553,039			1,018,879
Florida	5,631,429	221,951	6,002,577			11,855,957
Georgia	310,961	37,999	498,568			847,528
Maine	476,836	29,565	539,947			1,046,348
Maryland	1,066,733	185,140	1,929,372			3,181,245
Massachusetts	1,819,512	109,991	2,382,569			4,312,072
New Hampshire	230,487	9,197	230,625			470,309
New Jersey	2,429,820	340,932	3,681,577			6,452,329
New York	2,604,986	255,116	3,075,746			5,935,848
North Carolina		200,964	2,332,172	1,965,080	2,134,751	6,632,967
Rhode Island	777,718	21,686	757,820			1,557,224
South Carolina	1,101,690	34,304	971,347			2,107,341
Virginia	1,352,573	24,208	2,391,140			3,767,921

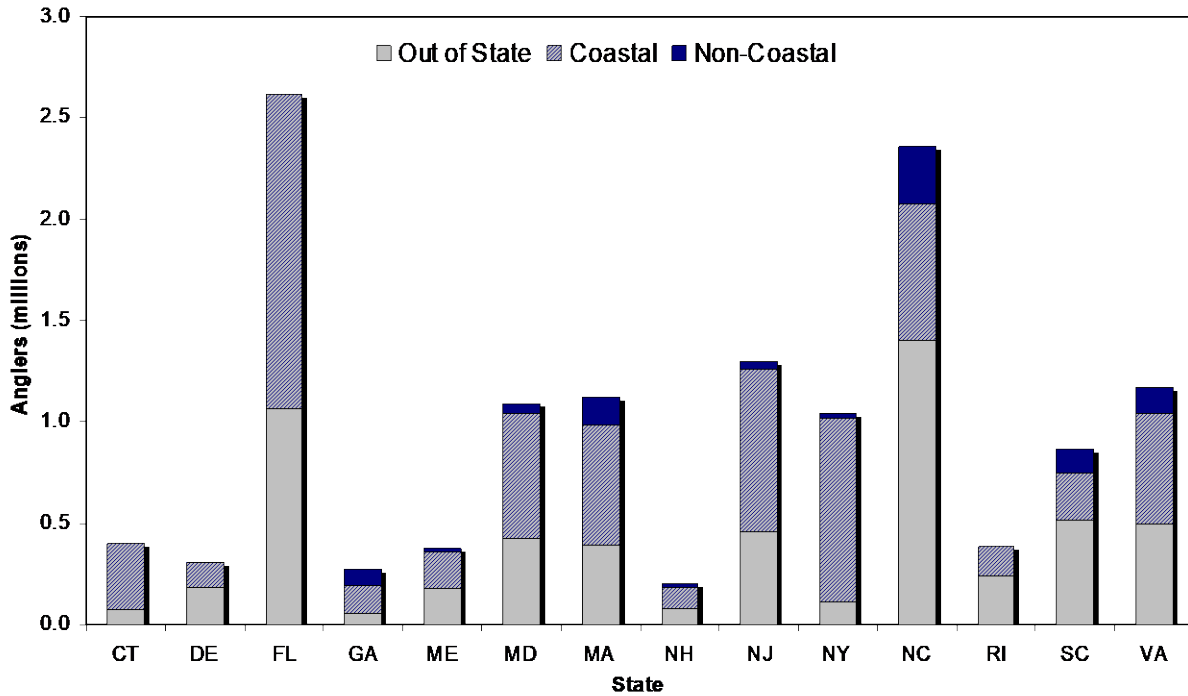


Figure 76. Atlantic Coast saltwater anglers by state and type, 2005.

Table 116. Atlantic Coast saltwater anglers by state and type, 2005.

State	Coastal	PSE	Non Coastal	PSE	Out of State	PSE	Total	PSE
Connecticut	322,371	12	0	0	75,664	17	398,035	10
Delaware	116,562	8	0	0	185,980	10	302,543	7
Florida	1,551,400	4	0	0	1,064,772	5	2,616,172	3
Georgia	136,909	11	83,860	15	53,945	17	274,715	8
Maine	187,333	12	19,850	22	173,349	16	380,533	10
Maryland	617,146	7	48,811	18	422,557	10	1,088,513	6
Massachusetts	593,520	7	136,591	11	390,537	8	1,120,648	5
New Hampshire	102,308	15	14,329	22	82,462	19	199,100	11
New Jersey	801,260	6	38,358	19	460,874	8	1,300,492	5
New York	902,878	8	27,651	23	112,516	16	1,043,046	7
North Carolina	673,936	5	280,370	7	1,406,406	6	2,360,712	4
Rhode Island	143,411	10	0	0	237,752	11	381,162	8
South Carolina	227,539	9	121,653	15	515,373	15	864,564	9
Virginia	544,091	6	132,648	13	496,505	9	1,173,244	5

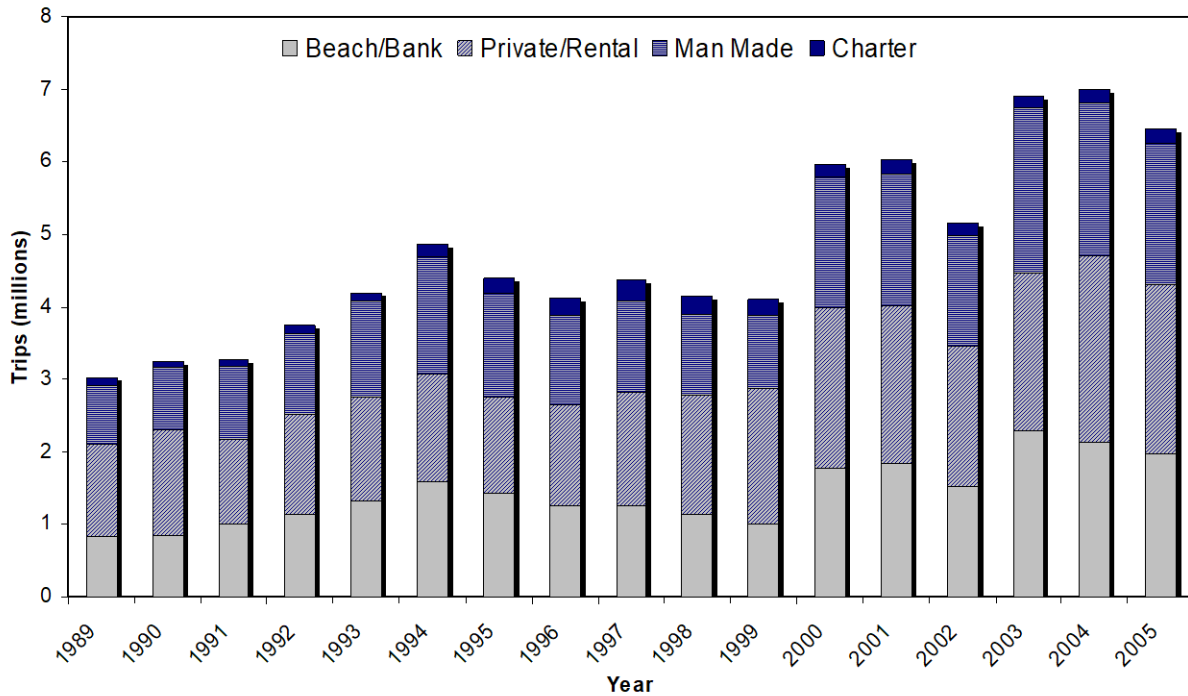


Figure 77. Saltwater fishing trips in North Carolina by year and mode, 1989-2005.

Table 117. Saltwater fishing trips in North Carolina by year and mode, 1989-2005.

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
2005	2,134,751	9	200,964	11	1,965,080	8	2,332,172	4	6,632,967

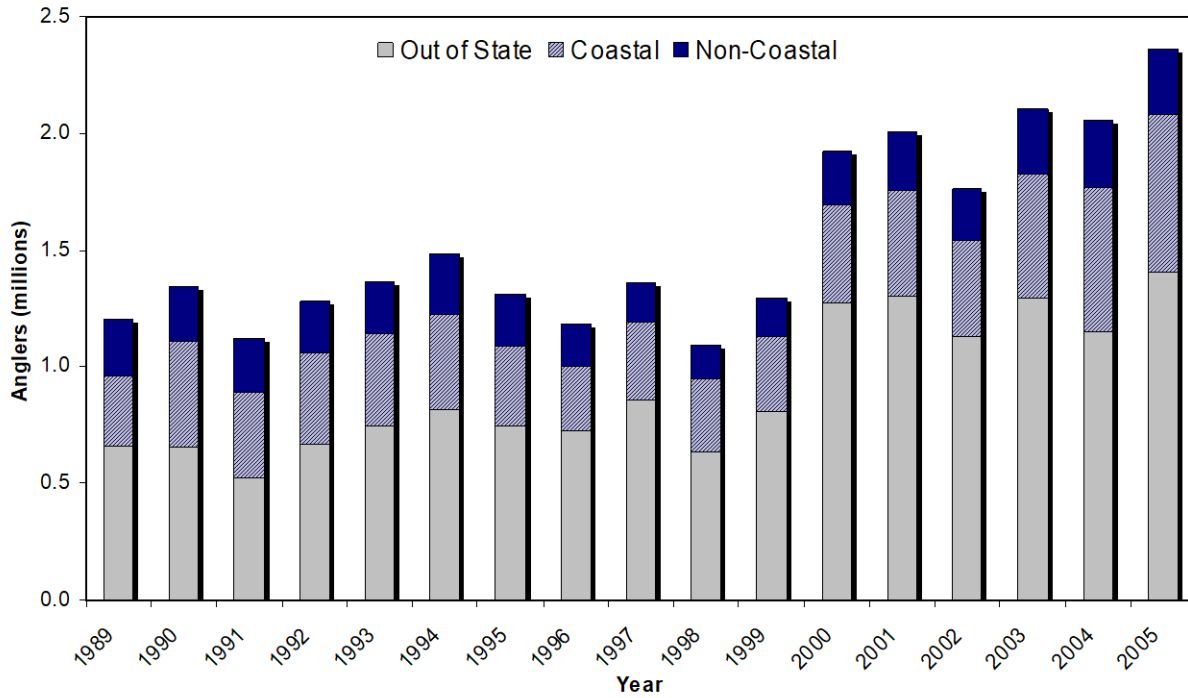


Figure 78. Saltwater anglers in North Carolina by year and type.

Table 118. 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
2005	673,936	5	280,370	7	1,406,406	6	2,360,712	4

Appendix 5. 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	Shalotte
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	Shalotte
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	Shalotte Point
0518	Beach/Bank (East end of Ocean Isle)	Shalotte 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 6. NCDMF 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 7. 2005 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
 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 05 Seine 09 Hand
 02 Dip Net 06 Trawl 10 Other
 03 Cast Net 07 Trap 98 Unknown
 04 Gill Net 08 Spear 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 since (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 8 Don't Know
 2 Institutional Housing (Code Q.23 as 8 and skip to 23a) 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. 2005 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 8. 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 9. 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

TABLE OF CONTENTS

TABLE OF CONTENTS	IV-1
LIST OF TABLES.....	IV-1
LIST OF FIGURES	IV-2
LIST OF APPENDICES	IV-2
PROGRAM NARRATIVE	IV-3
METHODOLOGY.....	IV-4
REPRESENTATIVENESS AND PRECISION	IV-7
APPENDICES.....	IV-53
CONTACTS	IV-71

LIST OF TABLES

Table 119. North Carolina Recreational Commercial Gear Landings, 2005.....	IV-9
Table 120. North Carolina Recreational Commercial Gear Landings, 2004.....	IV-10
Table 121. North Carolina Recreational Commercial Gear Landings, 2003.....	IV-11
Table 122. North Carolina Recreational Commercial Gear Landings, 2002.....	IV-12
Table 123. Number of Recreational Commercial Gear License trips by geographic region, 2005.....	IV-13
Table 124. Number of Recreational Commercial Gear License trips by geographic region, 2004.....	IV-13
Table 125. Number of Recreational Commercial Gear License trips by geographic region, 2003.....	IV-13
Table 126. Number of Recreational Commercial Gear License trips by geographic region, 2002.....	IV-13
Table 127. Number and Percent of RCGL holders by county during the 2001 and 2004 Annual Survey periods.....	IV-15
Table 128. Landings and discards gear and area for each species, 2002.....	IV-19
Table 129. Landings and discards gear and area for each species, 2003.....	IV-24
Table 130. Landings and discards gear and area for each species, 2004.....	IV-29
Table 131. Landings and discards gear and area for each species, 2005.....	IV-34
Table 132. Harvest per trip (number & pounds) for RCGL, 2002 through 2005.....	IV-40
Table 133. RCGL ownership: How many years have you had a RCGL?	IV-41
Table 134. Renew: I plan to renew my RCGL when it expires.....	IV-41
Table 135. Other licenses: What other fishing licenses do you have besides a RCGL?	IV-41
Table 136. Media: What media sources do you use to obtain information on current or proposed fishing rules in coastal waters?.....	IV-42
Table 137. Access: What is your typical point of access for fishing trips using RCGL gear?	IV-42
Table 138. Gear saturation: There is too much gear in the water where I fish.	IV-42
Table 139. Allowed gear: I think I should be allowed to use more gear with the RCGL.	IV-43
Table 140. Bag limits: I am satisfied with the bag limits for the RCGL.....	IV-43
Table 141. Commercial conflicts: I do not have conflicts with commercial fishermen.	IV-43
Table 142. Recreational conflicts: I do not have conflicts with recreational hook and line (rod-n- reel) fishermen.....	IV-44
Table 143. Birthplace: Were you born in North Carolina?.....	IV-44
Table 144. Residence: How many years have you lived in North Carolina?	IV-44
Table 145. Age: How old were you on December 31?.....	IV-45
Table 146. Marital status: What is your current marital status?	IV-45
Table 147. Ethnic group: What is your ethnic group?	IV-45
Table 148. Gender: What is your gender?	IV-45
Table 149. Education: What was the highest grade you completed in school?	IV-46
Table 150. Household: How many people live in your household?	IV-46
Table 151. Income: What is the total income of all people who live in the same place as you?.....	IV-46

Table 152.	RCGLs in household: How many individuals, living at your residence, have a RCGL?.....	IV-47
Table 153.	Nights: How many nights was the trip? (for overnight trips only).	IV-47
Table 154.	Miles: How many miles did you travel? (for overnight trips only).	IV-47
Table 155.	Miles: How many miles did you travel? (for day trips only).	IV-48
Table 156.	People fishing: How many people who went on the trip fished (overnight trips only)?	IV-48
Table 157.	People fishing: How many people who went on the trip fished? (day trips only).	IV-48
Table 158.	Lodging: How much did you pay for lodging per night?	IV-49
Table 159.	Food: How much did you pay for food? (overnight trips only).	IV-49
Table 160.	Food: How much did you pay for food? (day trips only).	IV-49
Table 161.	Ice: How much did you pay for ice? (overnight trips only).....	IV-50
Table 162.	Ice: How much did you pay for ice? (day trips only).....	IV-50
Table 163.	Bait: How much did you pay for bait? (overnight trips only).	IV-50
Table 164.	Bait: How much did you pay for bait? (day trips only).	IV-51
Table 165.	Fuel: How much did you pay for fuel and oil? (overnight trips only).....	IV-51
Table 166.	Fuel: How much did you pay for fuel and oil? (day trips only).....	IV-51
Table 167.	Rental: How much did you pay for equipment rental? (overnight trips only).....	IV-52
Table 168.	Rental: How much did you pay for equipment rental? (day trips only).....	IV-52

LIST OF FIGURES

Figure 79.	Regions used to describe the geographic distribution of RCGL trips.	IV-8
Figure 80.	Number of RCGL holders per North Carolina County during the 2001 and 2004 annual survey periods.	IV-14
Figure 81.	Percent of RCGL holders engaging in recreational use of commercial gear by gear type as indicated by participant response from the 2001 and 2004 Annual surveys.....	IV-16
Figure 82.	Number of estimated trips taken by major RCGL gear type during 2002 monthly surveying.	IV-17
Figure 83.	Number of estimated trips taken by major RCGL gear type during 2003 monthly surveying	IV-17
Figure 84.	Number of estimated trips taken by major RCGL gear type during 2004 monthly surveying.	IV-18
Figure 85.	Number of estimated trips taken by major RCGL gear type during 2005 monthly surveying	IV-18

LIST OF APPENDICES

Appendix 10.	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.	IV-53
Appendix 11.	2001 Annual survey questionnaire.	IV-54
Appendix 12.	2004 Annual survey questionnaire.	IV-62
Appendix 13.	Monthly survey questionnaire.	IV-66

PROGRAM NARRATIVE

North Carolina has long allowed the recreational use of commercial fishing gears in its coastal waters. Participation in this activity prior to July 1999 required the possession of a Commercial Fishing Vessel License. A licensing restructure mandated by the North Carolina Fisheries Reform Act of 1997 and implemented in July 1999 established a new license, the Recreational Commercial Gear License (RCGL), solely for the recreational use of commercial gears. Authorized gears for RCGL use during this reporting period are listed in Appendix 10.

Many of the species taken by recreational users of commercial gear are included in fisheries management plans. Data on associated fishing activities and estimates of catch and effort from holders of RCGLs are essential for development of these plans. Information from the use of commercial gear for recreational purposes was not sufficiently captured by MRFSS causing the NCDMF to seek alternative sampling strategies of data collection. MRFSS does very well with regard to successfully interviewing hook and line anglers but behavioral differences of RCGL fishermen such as time periods they fish and points of access for their fishing trips greatly reduce the likelihood of being intercepted by a MRFSS creel agent. The North Carolina Division of Marine Fisheries initiated a pilot survey project in 2001 to determine the most efficient and economical method for collecting data from RCGL holders. All methods tested were based on mail survey techniques due to their lower cost when compared to phone or on-site surveys.

The RCGL pilot survey project began with a comprehensive socio-economic survey to characterize RCGL holders, periodicity of activity, species of importance, expenditures on RCGL trips, and predominate gears used during the course of a year. This initial socio-economic survey enabled the DMF to develop questionnaires tailored to the majority of RCGL participants for collecting catch and effort information. These subsequent surveys were conducted using monthly and bimonthly durations. In addition to mailing questionnaires, daily logbooks were distributed to a subset of the RCGL population. The monthly survey proved most precise and reliable. The annual socio-economic and monthly catch and effort surveys were selected as the DMF's standard methods for providing information to estimate total catch and effort, and value for this fishery.

Annual socio-economic surveys are designed to gather demographic and socio-economic information concerning RCGL fishing activities. These surveys are termed "annual" not because they are conducted on an annual basis but rather that they collect information on opinions developed, types activities occurring, and costs incurred over the course of a year. The

annual survey is conducted every three years. Monthly surveys, conducted each month, collect data necessary for the production of catch and effort estimates.

METHODOLOGY

Annual Survey

Survey Frame and Period

The annual socio-economic surveys include the entire population of RCGL license holders with valid (active) licenses during any portion of the calendar year (January 1 through December 31). Survey instruments used for the 2001 and 2004 annual surveys are shown in Appendix 11 and Appendix 12, respectively.

Questionnaire Design

Questions included on annual survey questionnaires address demographics, experience, opinions on pertinent topics, and typical spending on fishing trips taken by RCGL holders. Question formats vary 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 are 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 contribute to the total sample. The five potential responses for the "level of agreement" questions are ranked from one to five with one representing strongly disagree to five representing strongly agree. Mean rank values are obtained and the percentages that each agreement level contributed to the total are calculated. Only the percent contributions for each multiple-choice category are derived from the third type of question.

Disposition of Questionnaires

The disposition of each questionnaire mailed typically result 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 do not contain the participant's name or contain illegible handwriting are considered unusable. Return rates are 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.

Respondents do not always complete each question; therefore, unanswered questions are considered a non-response and treated as missing values. If a question contains a missing value, the question is not used in the calculation of the percent contribution of each potential outcome 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 are performed with SAS® PROC SURVEYMEANS.

Monthly Survey

Survey Design

The monthly survey questionnaires are designed to determine the number of trips taken and type and quantities of gear used during the month of survey. Participants are 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 displayed in Appendix 13.

Unlike the Annual Survey, only a subsample of the entire RCGL population is surveyed by monthly surveys. The population of RCGL holders for the monthly surveys include all individuals who purchased a license within a year prior of each month sampled. SAS® PROC SURVEYSELECT is used to randomly select a sample of the population. Two different rates of sampling are used throughout the year. A 30.0% coverage rate by county of residence for the period May through December is used. This is the period when the bulk of RCGL holders are actively fishing and is sufficient for the gears used and majority of the species targeted. Species such as white perch, river herrings, and striped bass are targeted during the months January through April, however, the activities that target these species are localized within the Northern Region where the RCGL population is relatively sparse. Further exacerbating the ability to accurately produce landing estimates for this area and species combination, the use of fish

pots, a seldom used gear in other regions, is often used to harvest catfish and white perch within the Northern Region. To provide more precise estimates for these species, gear, and area, the sampling rate is increased from 30.0% to 40.0%.

Monthly Survey Effort and Catch Extrapolation Methods

To estimate the total number of trips taken by all RCGL holders, the monthly survey data are extrapolated for each monthly sample period 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 is 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 is 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 is 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 is 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 are 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 are 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 is calculated for all survey results.

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.

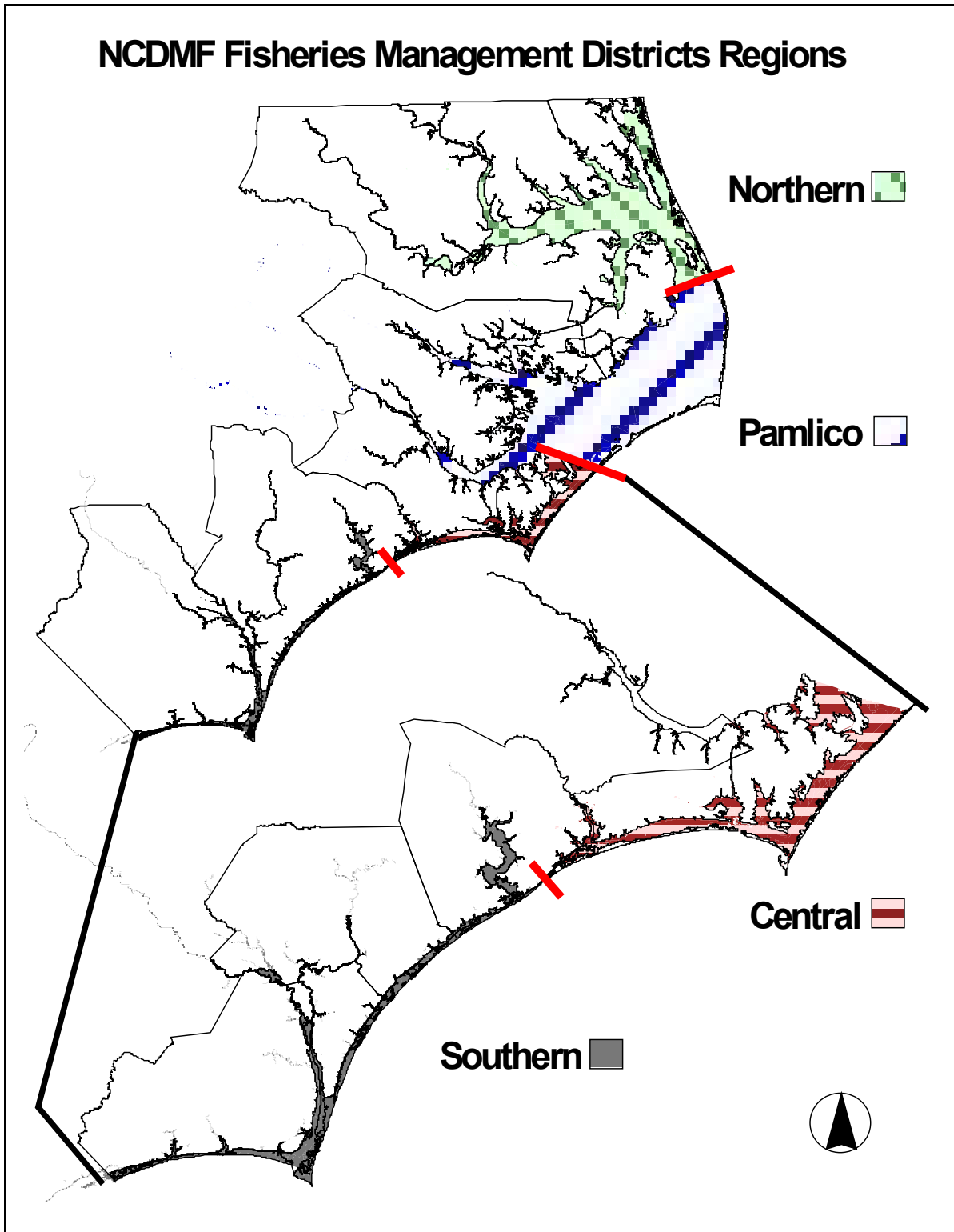


Figure 79. Regions used to describe the geographic distribution of RCGL trips.

Table 119. North Carolina Recreational Commercial Gear Landings, 2005.

	Number of Trips	Number Landed	Pounds Landed	Number Discarded
FINFISH				
Bluefish	5,907	10,698	13,431	5,603
Catfish	857	2,312	6,885	1,488
Croaker, Atlantic	4,603	15,692	9,544	14,453
Drum, Black	1,458	1,374	1,518	1,267
Drum, Red	4,383	1,922	8,089	3,460
Flounder	15,632	30,926	58,099	18,168
Herring, River	2,077	19,244	8,859	2,608
Mackerel, Spanish	1,347	1,710	3,152	604
Menhaden, Atlantic	806	4,224	2,749	7,139
Mullet, Striped	4,405	35,888	36,314	3,492
Perch, White	1,380	10,348	4,751	16,526
Pigfish	268	4,176	881	470
Seatrout, Spotted	4,356	6,336	9,752	1,202
Shad, American	1,030	3,032	10,185	2,192
Shad, Hickory	1,255	2,586	3,628	7,645
Sharks and rays	561	878	2,467	1,677
Sheepshead	407	245	406	30
Spot	9,703	366,845	193,769	12,587
Striped bass	1,401	758	3,058	880
Weakfish (gray trout)	242	367	647	78
Finfish (misc.) ¹	2,026	2,523	1,313	5,300
TOTAL FINFISH		522,085	379,497	106,870
SHELLFISH				
Blue crab	26,278	323,531	105,179	152,905
Shrimp	2,677	771,198	32,542	1,102
Shellfish (misc.) ²	3,372	3,177	315	4,048
TOTAL SHELLFISH		1,097,906	138,036	158,054
GRAND TOTAL		1,619,991	517,533	264,924

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 120. 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 121. 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 122. 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 123. Number of Recreational Commercial Gear License trips by geographic region, 2005.

Region	Crab Pot	Small Mesh Gill Net	Large Mesh Gill Net	Shrimp Trawl	Fish Pot	Other RCGL Gears ¹	All Gear
Northern	3,386	1,814	406	387	730	48	6,771
Pamlico	6,614	3,413	4,182	1,127	-	159	15,495
Central	5,384	2,209	1,922	365	84	24	9,988
Southern	4,288	6,371	1,806	553	240	185	13,443
Unspecified	472	245	348	92	-	81	1,238
Total	20,144	14,052	8,664	2,524	1,054	497	46,935

Table 124. 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	-	-	1,210
Total	20,771	16,870	10,907	3,781	780	409	53,518

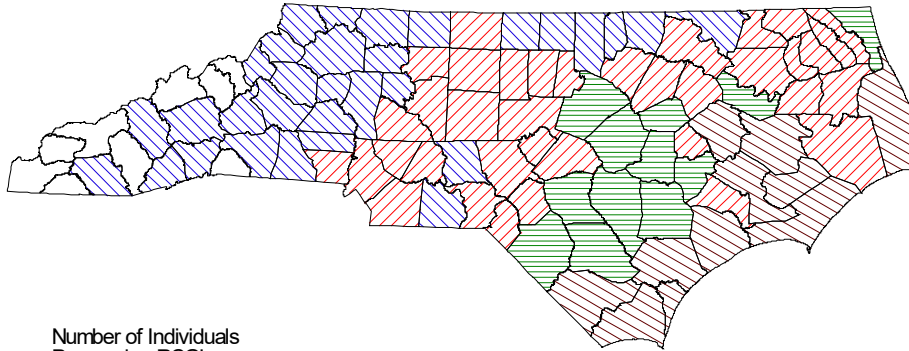
Table 125. Number of Recreational Commercial Gear License trips by geographic region, 2003.

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

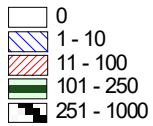
Table 126. Number of Recreational Commercial Gear License trips by geographic region, 2002.

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

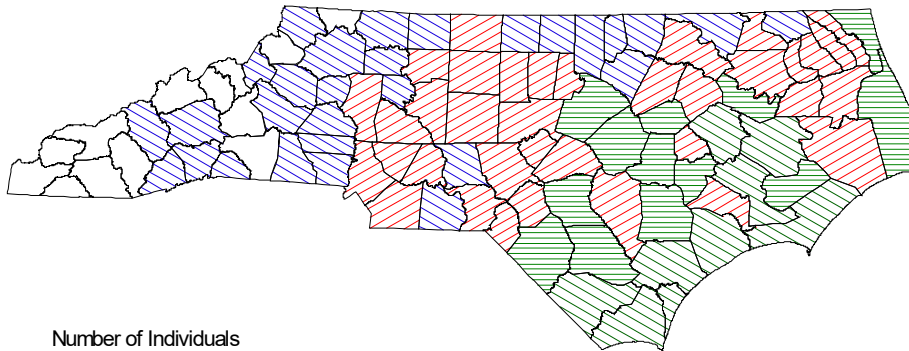
Distribution of Recreational Commercial Gear License Holders during the 2001 Annual Survey Period



Number of Individuals
Possessing RCGLs



Distribution of Recreational Commercial Gear License Holders during the 2004 Annual Survey Period



Number of Individuals
Possessing RCGLs

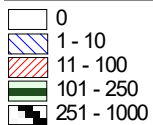


Figure 80. Number of RCGL holders per North Carolina County during the 2001 and 2004 annual survey periods.

Table 127. Number and Percent of RCGL holders by county during the 2001 and 2004 Annual Survey periods.

County	2001		2004		County	2001		2004	
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
Brunswick	874	9.7	841	10.2	Hyde	28	0.3	19	0.2
Carteret	689	7.7	595	7.2	Lee	20	0.2	22	0.3
New Hanover	667	7.4	544	6.6	Richmond	20	0.2	20	0.2
Craven	572	6.4	526	6.4	Union	16	0.2	20	0.2
Columbus	451	5.0	508	6.2	Rockingham	17	0.2	18	0.2
Onslow	485	5.4	436	5.3	Cabarrus	18	0.2	15	0.2
Pender	474	5.3	427	5.2	Chowan	20	0.2	11	0.1
Pitt	443	4.9	386	4.7	Chatham	11	0.1	16	0.2
Beaufort	399	4.4	377	4.6	Gaston	16	0.2	10	0.1
Pamlico	273	3.0	237	2.9	Hoke	15	0.2	11	0.1
Dare	251	2.8	246	3.0	Stanly	14	0.2	11	0.1
Wake	246	2.7	240	2.9	Tyrrell	12	0.1	13	0.2
Robeson	220	2.4	182	2.2	Gates	11	0.1	10	0.1
Lenoir	209	2.3	183	2.2	Franklin	12	0.1	8	0.1
Martin	181	2.0	179	2.2	Catawba	9	0.1	10	0.1
Currituck	169	1.9	166	2.0	Iredell	7	0.1	11	0.1
Johnston	152	1.7	161	2.0	Anson	9	0.1	7	0.1
Duplin	157	1.7	150	1.8	Granville	6	0.1	7	0.1
Cumberland	176	2.0	116	1.4	Surry	4	<0.1	9	0.1
Wayne	134	1.5	144	1.8	Northampton	10	0.1	2	<0.1
Bladen	120	1.3	115	1.4	Lincoln	4	<0.1	8	0.1
Sampson	123	1.4	100	1.2	Montgomery	4	<0.1	8	0.1
Wilson	115	1.3	106	1.3	Caldwell	4	<0.1	5	0.1
Guilford	71	0.8	70	0.9	Ashe	5	0.1	2	<0.1
Greene	68	0.8	71	0.9	Yadkin	4	<0.1	3	<0.1
Edgecombe	69	0.8	57	0.7	Buncombe	3	<0.1	4	0.1
Jones	55	0.6	68	0.8	Caswell	3	<0.1	4	0.1
Harnett	63	0.7	57	0.7	Cleveland	3	<0.1	4	0.1
Nash	64	0.7	47	0.6	Wilkes	3	<0.1	4	0.1
Pasquotank	53	0.6	46	0.6	Warren	5	0.1	1	<0.1
Bertie	47	0.5	52	0.6	Burke	4	<0.1	2	<0.1
Washington	52	0.6	40	0.5	Vance	4	<0.1	2	<0.1
Davidson	52	0.6	35	0.4	Stokes	3	<0.1	3	<0.1
Forsyth	43	0.5	44	0.5	Avery	4	<0.1	1	<0.1
Moore	36	0.4	45	0.6	Person	3	<0.1	2	<0.1
Hertford	43	0.5	36	0.4	Alexander	2	<0.1	3	<0.1
Camden	45	0.5	30	0.4	Haywood	2	<0.1	2	<0.1
Perquimans	37	0.4	38	0.5	Transylvania	1	<0.1	3	<0.1
Durham	45	0.5	26	0.3	Davie	2	<0.1	1	<0.1

Table 127. Number and Percent of RCGL holders by county during the 2001 and 2004 Annual periods (Continued).

County	2001		2004		County	2001		2004	
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
Randolph	37	0.4	34	0.4	Henderson	2	<0.1	1	<0.1
Rowan	29	0.3	30	0.4	McDowell	2	<0.1	0	0.0
Alamance	36	0.4	20	0.2	Rutherford	2	<0.1	0	0.0
Mecklenburg	31	0.3	25	0.3	Alleghany	1	<0.1	0	0.0
Orange	26	0.3	29	0.4	Macon	1	<0.1	0	0.0
Scotland	30	0.3	24	0.3	Watauga	1	<0.1	0	0.0
Halifax	30	0.3	19	0.2	Polk	0	0.0	1	<0.1

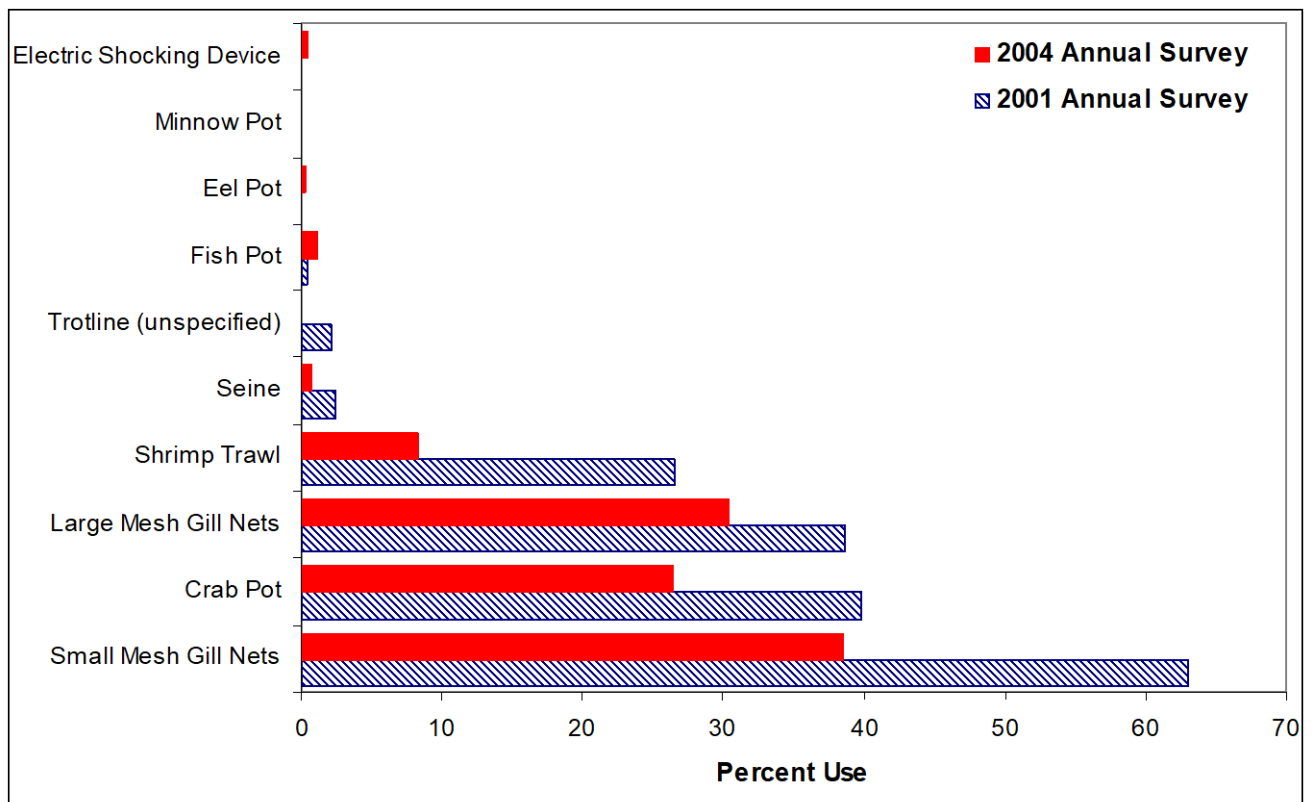


Figure 81. Percent of RCGL holders engaging in recreational use of commercial gear by gear type as indicated by participant response from the 2001 and 2004 Annual surveys.

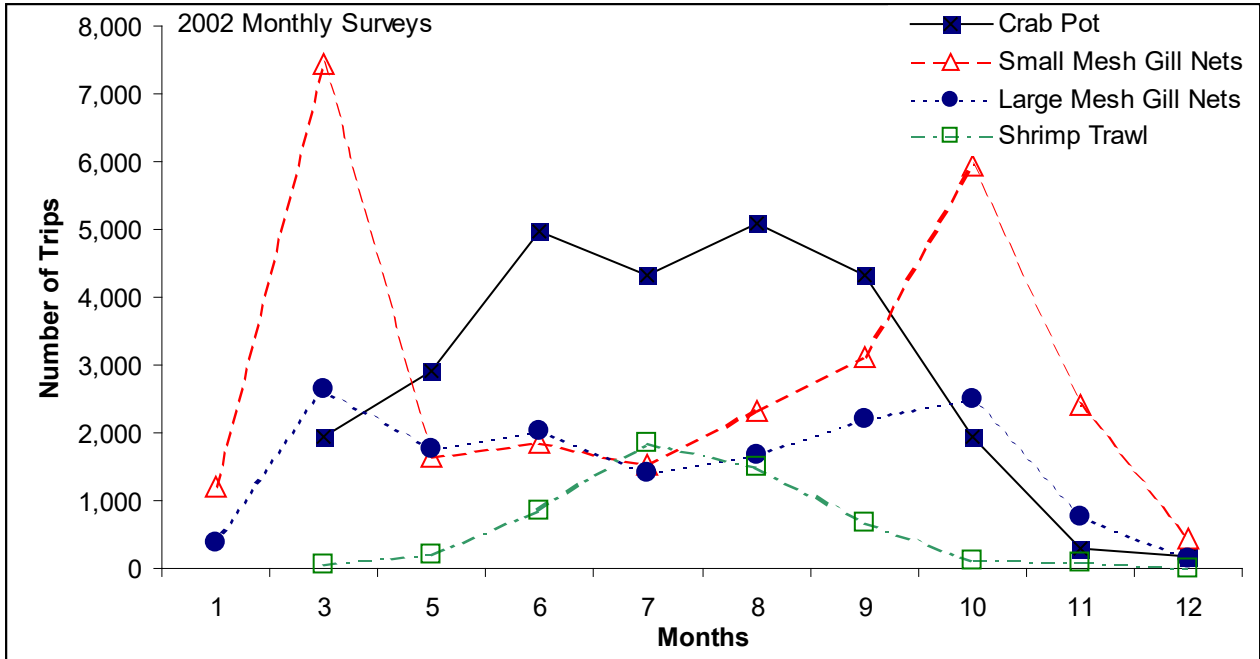


Figure 82. Number of estimated trips taken by major RCGL gear type during 2002 monthly surveying.

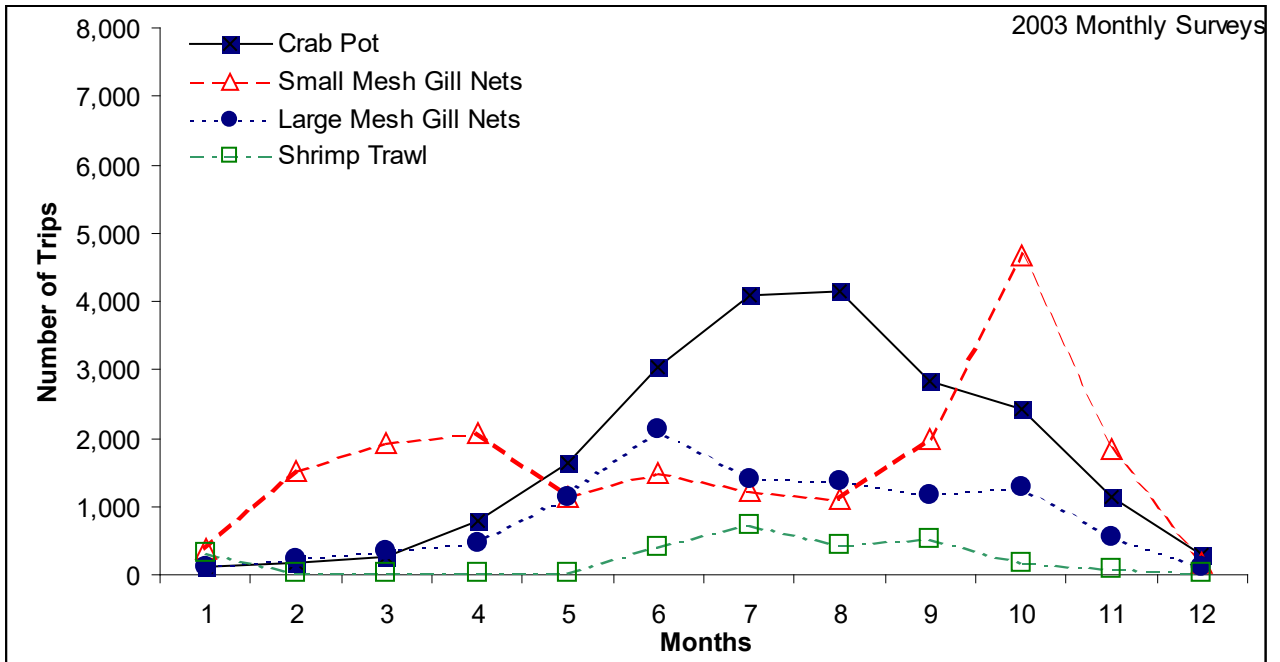


Figure 83. Number of estimated trips taken by major RCGL gear type during 2003 monthly surveying.

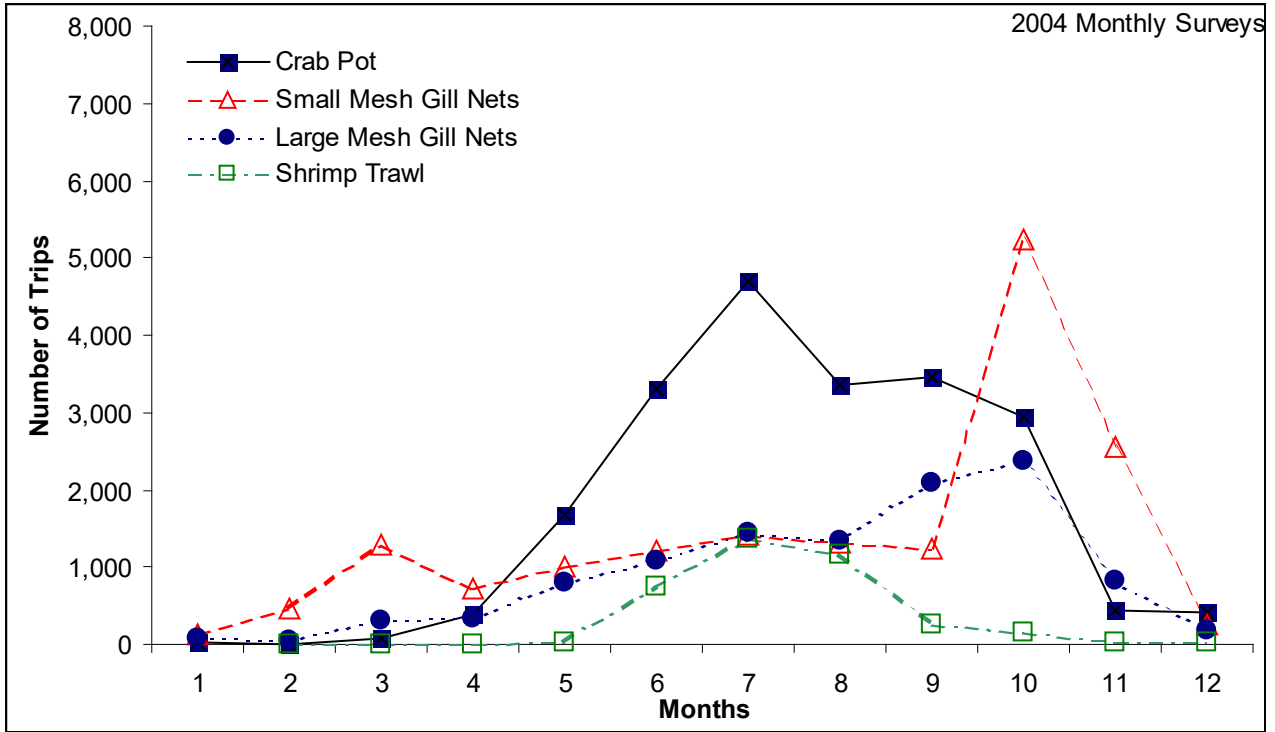


Figure 84. Number of estimated trips taken by major RCGL gear type during 2004 monthly surveying.

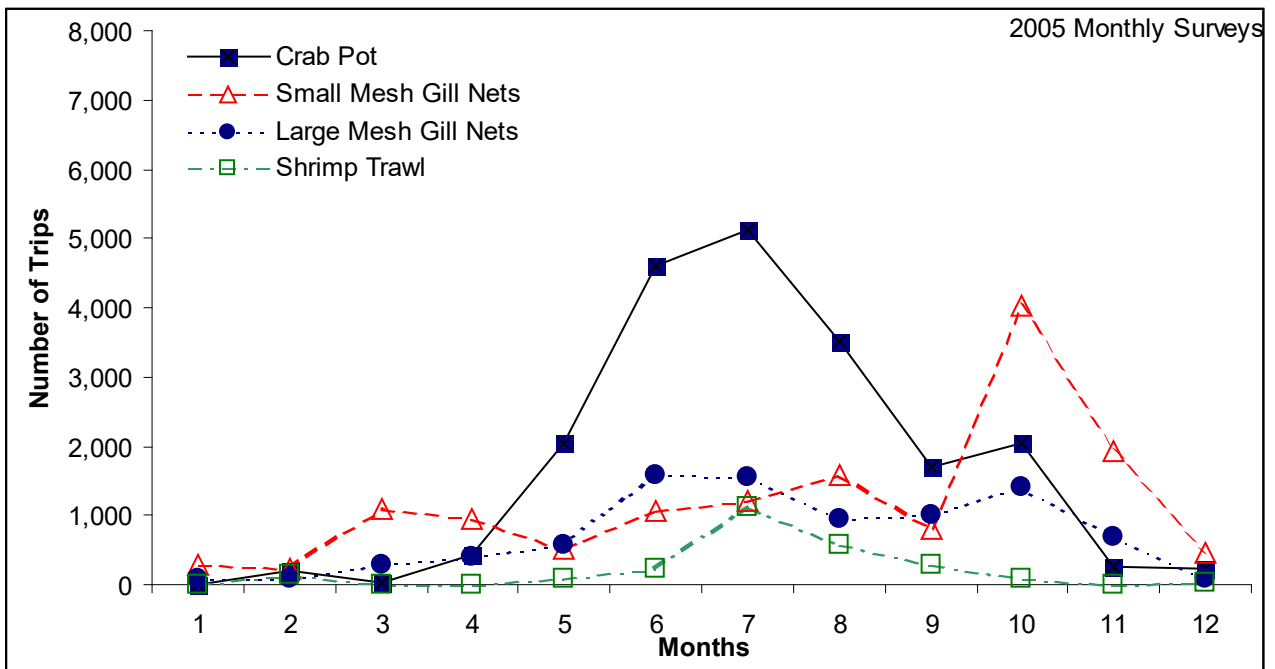


Figure 85. Number of estimated trips taken by major RCGL gear type during 2005 monthly surveying.

Table 128. 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	30,739
	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	
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

Table 128. Landings and discards gear and area for each species, 2002 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
	Central	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
		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

Table 128. 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)	South	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	
		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		

Table 128. Landings and discards gear and area for each species, 2002 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	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	
	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	
	Seine	Central	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	
Shrimp			18	888	36	0	
South		Spot	18	0	0	666	
		Croaker, Atlantic	17	170	8	849	
		Misc. species	150	7,394	470	15,467	
		Shrimp	36	3,614	136	0	
		Misc. species	18	452	133	181	

Table 128. Landings and discards gear and area for each species, 2002 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
Trotline (unspecified)	Pamlico	Blue crab	19	29	29	10	
		Catfish	66	270	605	90	
		Misc. species	43	14	42	29	
	South	Blue crab	8	25	127	0	
		Catfish	87	349	1,322	74	
		Misc. species	18	0	0	89	
Shrimp Trawl	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	
		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	

Table 129. 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	
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
Gill Nets (Large Mesh)	Central	White perch	1,142	61,123	29,389	13,486
		Blue crab	123	3,584	1,678	0
	South	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

Table 129. Landings and discards gear and area for each species, 2003 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	Central	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	
	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	
	South		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	

Table 129. 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	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	
		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			

Table 129. Landings and discards gear and area for each species, 2003 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	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	
	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	

Table 129. Landings and discards gear and area for each species, 2003 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
Trotline (unspecified)	North	Catfish	83	116	522	17	
		Flounder	17	17	52	0	
Shrimp Trawl	Pamlico	Blue crab	61	4,608	2,158	256	
	South	Catfish	137	421	2,430	0	
	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
	North	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		
Unknown	Shrimp	77	57,049	2,139	0		
	Blue crab	44	0	0	438		
Electric Shocking Device	South	Catfish	8	99	248	0	

Table 130. 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	
	Misc. species		19	0	0	9	
	South		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	
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	

Table 130. 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 (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		
Black drum		215	37	79	104		
Drum, Red		968	149	650	1,207		
Flounder		3,125	9,799	18,447	4,457		
South		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		

Table 130. 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)	Unknown	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
		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
		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	
	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	

Table 130. Landings and discards gear and area for each species, 2004 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	North	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	
	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	

Table 130. Landings and discards gear and area for each species, 2004 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)		
	South	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		
Shrimp Trawl	Central	Catfish	58	684	3,257	58		
		Shrimp	300	181,372	6,966	229		
		Blue crab	91	0	0	1,538		
		Sheepshead	27	0	0	9		
		Flounder	37	0	0	218		
	North	Shellfish (misc.)	10	0	0	30		
		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		
		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			

Table 130. Landings and discards gear and area for each species, 2004 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
		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

Table 131. Landings and discards gear and area for each species, 2005.

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
Crab Pot	Central	Blue crab	5,272	70,408	21,716	28,117
		Oyster toad	10	21	0	0
		Pinfish	112	1,055	348	1,655
		Speckled trout	72	101	167	0
		Croaker, Atlantic	49	243	166	365
		Drum, Red	39	0	0	8
		Flounder	1,183	493	1,114	449
		Shellfish (misc.)	1,289	843	97	1,113
		Misc. species	112	325	171	413
	North	Blue crab	3,386	68,487	22,270	19,461
		Catfish	77	0	0	215
		White perch	16	0	0	8
		Sunfishes	15	0	0	23
		Yellow perch	16	0	0	8
		Bluefish	16	0	0	8
		Speckled trout	32	0	0	16
		Drum, Red	24	8	37	8
		Flounder	174	57	121	80
		Shellfish (misc.)	159	72	35	26
	Pamlico	Blue crab	6,607	72,819	25,023	22,073
		Catfish	56	0	0	8
		Flounder	613	55	107	156
		Puffer (blow toad)	23	0	0	8
		Shellfish (misc.)	38	0	0	77

Table 131. Landings and discards gear and area for each species, 2005 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	South	Spider crab	207	516	0	516	
		Blue crab	4,204	67,381	21,592	27,814	
		Oyster toad	492	97	0	218	
		Bluefish	41	16	49	0	
		Speckled trout	101	136	122	15	
		Drum, Red	76	59	350	58	
		Flounder	1,654	252	506	748	
		Shellfish (misc.)	1,545	1,722	213	2,200	
		Misc. species	80	32	24	16	
			Unknown	Blue crab	462	4,738	1,336	1,658
Shellfish (misc.)	62			8	0	32	
Eel Pot	Pamlico	American eel	48	50	33	32	
	Unknown	American eel	81	81	54	0	
Fish Pot	Central	American eel	8	8	5	0	
		North	Catfish	139	40	96	638
		White perch	663	6,922	3,036	15,125	
	South	Shrimp	240	12,339	463	0	
Large Mesh	Central	Blue crab	566	687	232	1,009	
		American shad	242	235	750	453	
Gill Nets		Alewife	8	0	0	489	
		Atlantic menhaden	97	0	0	391	
		Bluefish	621	439	505	432	
		Sheepshead	119	23	39	8	
		Speckled trout	57	106	176	0	
		Sea mullet (whitting)	57	142	118	0	
		Croaker, Atlantic	40	8	8	0	
		Drum, Red	792	295	1,054	312	
		Spadefish	23	15	15	0	
		Flounder	1,719	3,628	8,064	1,031	
		Shellfish (misc.)	55	0	0	55	
		Sharks and rays	48	229	643	245	
		Misc. species	40	8	8	0	
		North	Blue crab	54	199	64	290
			Atlantic sturgeon	31	0	0	10
			American shad	55	0	0	30
			Catfish	78	32	84	26
			Striped bass	30	29	116	8
			Bluefish	161	91	127	333
			Spot	8	56	56	0
	Drum, Red		43	36	43	96	
	Flounder		371	936	1,779	469	
	Misc. species		47	0	0	39	

Table 131. Landings and discards gear and area for each species, 2005 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	Pamlico	Blue crab	1,024	5,069	1,687	4,785	
		American shad	309	950	2,622	165	
		Hickory shad	19	58	104	0	
		Atlantic menhaden	150	291	96	2,820	
		Catfish	120	38	119	165	
		White perch	19	76	36	0	
		Striped bass	650	317	1,553	238	
		Bluefish	493	1,160	1,448	607	
		Sheepshead	99	15	37	22	
		Speckled trout	146	92	435	0	
		Spot	32	39	16	0	
		Croaker, Atlantic	63	38	31	100	
		Black drum	73	8	24	8	
		Drum, Red	1,326	522	2,385	949	
		Flounder	3,751	12,584	22,467	4,251	
		Sharks and rays	112	65	183	137	
		Misc. species	461	236	0	1,299	
		South	Blue crab	161	200	74	304
			Ladyfish	24	0	0	16
			American shad	242	1,523	5,903	508
	Atlantic menhaden		49	8	5	16	
	Bluefish		145	140	186	0	
	Sheepshead		6	6	31	0	
	Speckled trout		31	13	21	0	
	Spot		63	86	48	0	
	Croaker, Atlantic		123	54	34	15	
	Black drum		32	41	80	0	
	Drum, Red		361	246	1,121	196	
	Flounder		1,354	3,939	7,998	1,678	
	Shellfish (misc.)		16	24	1	0	
	Sharks and rays	48	0	0	56		
	Unknown	Blue crab	81	81	27	49	
		Striped bass	43	14	43	0	
		Bluefish	65	57	81	0	
		Drum, Red	124	67	277	47	
		Flounder	348	1,164	2,118	375	
Small Mesh	Central	Blue crab	326	720	223	1,484	
Gill Nets		Herring, River	47	40	16	0	
		Hickory shad	119	191	53	331	
		Bluefish	852	1,580	1,962	422	

Table 131. Landings and discards gear and area for each species, 2005 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
	Central	Pinfish	8	0	0	16
		Sheepshead	58	153	83	0
		Speckled trout	665	927	1,505	218
		Weakfish (gray trout)	74	164	263	33
		Spot	1,547	48,730	25,249	493
		Croaker, Atlantic	501	1,289	664	307
		Black drum	240	299	396	166
		Drum, Red	284	150	508	287
		Spanish mackerel	251	309	626	48
		Flounder	784	1,366	2,642	982
		Sharks and rays	90	159	447	246
		Misc. species	1,015	19,364	17,490	121
	North	Blue crab	239	1,070	330	2,004
		Atlantic sturgeon	24	0	0	8
		Herring, River	959	4,432	2,167	0
		American shad	26	67	40	575
		Hickory shad	636	483	597	4,568
		Atlantic menhaden	48	645	636	162
		Catfish	44	135	161	64
		White perch	186	498	390	62
		Striped bass	262	273	937	464
		Yellow perch	8	15	.	0
		Bluefish	216	655	948	460
		Speckled trout	183	126	140	47
		Spot	483	4,642	2,711	575
		Croaker, Atlantic	378	631	424	203
		Black drum	65	81	45	41
		Drum, Red	71	39	147	89
		Flounder	255	132	255	198
		Sharks and rays	55	0	0	618
		Misc. species	547	5,631	6,018	623
	Pamlico	Blue crab	1,129	4,649	1,561	3,456
		Herring, River	979	14,289	6,366	2,608
		American shad	126	252	853	27
		Hickory shad	416	1,621	2,406	2,746
		Atlantic menhaden	164	2,875	1,758	2,038
	Pamlico	Catfish	127	57	150	99
		White perch	480	2,845	1,285	1,331
		Striped bass	266	79	275	170
		Bluefish	696	824	1,019	1,485
		Pinfish	8	33	11	0
		Speckled trout	825	1,439	2,231	287
		Weakfish (gray trout)	14	42	45	38
		Spot	1,575	21,313	12,800	471

Table 131. Landings and discards gear and area for each species, 2005 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
		Sea mullet (whitting)	38	15	13	0
		Croaker, Atlantic	1,368	8,656	5,013	510
		Black drum	187	301	241	462
		Drum, Red	690	316	1,239	1,083
		Spanish mackerel	123	58	152	0
		Flounder	880	2,530	3,270	776
		Sharks and rays	62	0	0	83
		Misc. species	1,487	8,052	8,643	1,461
	South	Blue crab	944	4,088	1,205	2,956
		Ladyfish	32	16	32	48
		Herring, River	91	484	310	0
		Hickory shad	65	234	467	0
		Atlantic menhaden	291	406	254	1,331
		Catfish	13	19	109	6
		White perch	16	8	4	0
		Striped bass	150	46	133	0
		Sunfishes	13	109	96	51
		Bluefish	2,368	5,161	6,235	1,598
		Pinfish	78	58	19	360
		Sheepshead	86	31	178	0
		Speckled trout	2,117	3,107	4,583	539
		Weakfish (gray trout)	88	161	339	0
		Spot	5,487	281,529	147,544	9,273
		Sea mullet (whitting)	71	189	162	0
		Croaker, Atlantic	1,626	4,435	2,971	994
		Black drum	860	645	732	591
		Drum, Red	526	167	854	319
		Spanish mackerel	901	1,065	1,791	375
		Flounder	2,044	3,097	6,020	3,312
		Sharks and rays	32	425	1,194	278
		Misc. species	1,745	6,331	4,662	2,002
	Unknown	Blue crab	58	99	32	159
		Bluefish	148	333	498	219
		Speckled trout	115	282	361	79
		Spot	173	5,810	2,965	143
		Croaker, Atlantic	59	128	90	0
		Spanish mackerel	16	237	497	158
		Flounder	74	45	169	29
		Misc. species	38	412	393	46
Seine	Central	Bluefish	24	162	208	0
		Spot	24	243	137	0
		Spanish mackerel	24	41	85	8
		Misc. species	24	65	.	0

Table 131. Landings and discards gear and area for each species, 2005 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
Trotline (unspecified)	Pamlico	Bluefish	14	72	152	0	
		Spot	14	3,477	1,738	0	
	South	Blue crab	24	293	81	326	
		American eel	8	0	0	32	
		Catfish	35	1,504	4,581	189	
Shrimp Trawl	South	Misc. species	19	0	0	6	
		Blue crab	16	195	64	97	
	Central	Catfish	145	260	1,180	79	
		Shrimp	357	162,880	7,213	965	
		Blue crab	246	1,780	581	1,820	
		American shad	32	5	16	434	
		Bluefish	32	0	0	39	
		Pinfish	33	0	0	195	
		Spot	87	0	0	564	
		Croaker, Atlantic	111	114	78	1,392	
		Spanish mackerel	32	0	0	16	
		Flounder	95	0	0	149	
		North	Shrimp	315	50,925	1,952	0
			Blue crab	195	4,205	1,227	15,003
			Spot	16	0	0	79
			Croaker, Atlantic	87	96	65	8,039
		Pamlico	Flounder	87	16	41	1,415
			Shrimp	1,111	257,040	10,764	50
			Blue crab	891	11,341	4,195	14,231
			Atlantic menhaden	8	0	0	381
Spot	46		0	0	520		
Croaker, Atlantic	169		0	0	2,252		
Flounder	54		0	0	748		
Sharks and rays	114		0	0	15		
South	Shrimp		546	219,736	9,585	87	
	Blue crab		306	1,901	640	5,548	
	Sheepshead	31	8	15	0		
	Spot	85	38	65	468		
	Croaker, Atlantic	31	0	0	275		
Unknown	Flounder	159	504	1,151	1,281		
	Shrimp	92	67,952	2,548	0		
Electric Shocking Device	South	Blue crab	31	1,297	424	0	
		Catfish	24	227	406	0	

Table 132. Harvest per trip (number & pounds) for RCGL, 2002 through 2005.

Gear	Species	Year							
		2002		2003		2004		2005	
		Harvest per trip (number)	Harvest per trip (pound)	Harvest per trip (number)	Harvest per trip (pound)	Harvest per trip (number)	Harvest per trip (pound)	Harvest per trip (number)	Harvest per trip (pound)
Crab Pot	Blue crab	15.48	5.77	16.58	7.23	16.29	5.52	16.63	5.44
	Catfish	0.77	1.88	0.23	0.26	0.27	0.35	.	.
	Bluefish	.	.	.	.	.	.	0.4	1.2
	Speckled trout	0.21	0.32	0.2	1.2	0.27	0.55	2.06	1.7
	Croaker, Atlantic	.	.	.	.	.	.	5	3.41
	Drum, Red	0.08	0.29	2.05	18.19	0.18	0.65	0.86	4.9
	Flounder	1.65	2.56	0.56	1.09	0.59	1.23	0.68	1.46
Large Mesh	Blue crab	3.21	1.2	4.29	1.97	5.49	2.61	6.98	2.67
Gill Nets	Herring, River	.	.	4	2	3.33	1.33	.	.
	American shad	2.24	7.08	7.91	27.44	5.8	21.18	5.38	17.8
	Hickory shad	1.79	3	.	.	4.94	6.26	3.25	6
	Catfish	1.14	2.52	1.93	5.1	1.91	5.76	0.63	1.7
	White perch	1	0.52	.	.	.	.	4	1.91
	Striped bass	0.81	4.26	1.32	7.01	1.21	5.33	0.77	3.66
	Bluefish	3.34	4.55	3.36	3.98	1.26	1.74	2.75	3.4
	Speckled trout	1.08	2.75	1.73	3.73	0.26	0.91	0.87	2.77
	Spot	67.33	39.9	67.17	41.92	8.56	4.87	4.85	3.44
	Croaker, Atlantic	1.14	0.77	0.9	1.53	1.01	0.82	0.81	0.61
	Black drum	2.53	6.04	0.89	1.98	1.07	2.63	1.61	3.37
	Drum, Red	1.22	3.93	0.78	2.77	0.67	2.16	0.7	2.97
	Flounder	4.14	7.91	3.66	7.1	3.94	7.77	3.68	6.5
	Small Mesh	Blue crab	8.42	2.69	15.12	7.11	6.84	3.11	7.52	2.32
Gill Nets	Herring, River	11.67	6.32	17.06	10.01	13.44	6.1	16.79	7.35
	American shad	2.94	9.33	4.97	16.35	2.24	7.13	3.1	6.48
	Hickory shad	5.62	12.35	4.48	6.71	5.9	8.86	4.4	6.33
	Catfish	2.93	6.89	4.45	8.84	3.52	4.86	2.54	4.6
	White perch	6.84	3.83	12.46	7.1	10.18	5.22	7.07	3.44
	Striped bass	1.64	6.12	3.57	17.39	2.65	8.23	1.05	3.99
	Bluefish	3.2	4.27	3.65	5	2.62	3.28	3.23	4.08
	Speckled trout	2.12	3.22	4.34	8.11	1.61	3.01	2.07	3.17
	Spot	43.74	25.82	42.06	24.53	37.37	21.7	41.42	22.74
	Croaker, Atlantic	6.5	4.47	7.02	4.41	5.12	2.99	6.09	3.57
	Black drum	3.18	4.18	3.62	6.36	1.44	3.03	1.59	2.05
	Drum, Red	1.37	4.41	0.82	2.92	1.95	6.27	0.95	3.96
	Flounder	2.66	5.56	3.53	7.44	2.51	4.97	3.47	5.23
	Shrimp	Shrimp	522.32	20.79	532.66	20.82	316.07	12.98	338.15	14.79
Trawl	Blue crab	16.35	6.23	15.91	7.39	16.97	6.59	16.83	6.03
	American shad	.	.	.	.	.	.	0.16	0.5
	Catfish	.	.	.	.	2	6.08	.	.

Table 133. RCGL ownership: How many years have you had a RCGL?

Years	2001		2004	
	Number	Percent	Number	Percent
1	440	20.43	708	24.52
2	699	32.45	363	12.57
3	446	20.71	431	14.92
4	569	26.42	320	11.08
5			282	9.76
6			784	27.15
Response	2,154	95.99	2,888	90.36
Non-Response	569	4.01	308	9.64
Mean	2.5		3.5	
PSE	0.8		1.0	
Margin of error	1.8%		1.4%	

* 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 and a maximum of 6 years at the time of the 2004 Annual Survey.

Table 134. Renew: I plan to renew my RCGL when it expires.

Level of Agreement	Rank Score	2001		2004	
		Number	Percent	Number	Percent
Strongly Disagree	1	86	3.85	149	4.79
Disagree	2	37	1.66	60	1.93
Not Sure	3	198	8.87	587	18.87
Agree	4	765	34.27	1,211	38.93
Strongly Agree	5	1,146	51.34	1,104	35.49
Response		2,232	99.69	3,111	97.34
Non-Response		7	0.31	85	2.66
Mean Rank		4.3		3.9	
PSE		0.4		0.5	
Margin of error		1.8%		1.3%	

Table 135. Other licenses: What other fishing licenses do you have besides a RCGL?

License	2001		2004	
	Number	Percent	Number	Percent
NC DMF Shellfish	180	14.03	142	7.27
NC DMF Standard Commercial	106	8.26	98	5.02
NC WRC Inland/Joint	963	75.06	1,714	87.72
Other*	34	2.65		
Response	1,283	58.05	1,954	61.14
Non-Response	927	41.95	1,242	38.86

* Other was not an available choice on 2004 Annual Survey questionnaires.

Table 136. Media: What media sources do you use to obtain information on current or proposed fishing rules in coastal waters?

Media Type	2001		2004	
	Number	Percent	Number	Percent
Radio	357	5.77	216	2.85
Television	632	10.21	639	8.43
Newspaper	1,375	22.22	1,506	19.87
Postings at boat ramp	854	13.80	915	12.07
Internet	583	9.42	399	5.26
DMF Website*			915	12.07
Call the DMF	983	15.89	831	10.96
Word of mouth	1,396	22.56	1,672	22.06
Mail*			488	6.44
Other**	7	0.11		
Response***	6,187	99.50	7,581	97.25
Non-Response	31	0.50	88	2.75

* DMF Website and Mail were not available choices on 2001 Annual Survey questionnaires.

** Other was not an available choice on 2004 Annual Survey questionnaires.

*** Participants could enter multiple responses for this question.

Table 137. Access: What is your typical point of access for fishing trips using RCGL gear?

Access Type	2001		2004	
	Number	Percent	Number	Percent
WRC public boat ramp	1,007	33.04	1,287	36.95
private boat ramp	784	25.72	933	26.79
beach/bank	154	5.05	147	4.22
water access at residence	644	21.13	634	18.20
marina/ramp	458	15.03	482	13.84
Other*	1	0.03		
Response**	3,048	99.64	3,483	98.12
Non-Response	11	0.36	60	1.88

* Other was not an available choice on 2004 Annual Survey questionnaires.

** Participants could enter multiple responses for this question.

Table 138. Gear saturation: There is too much gear in the water where I fish.

Level of Agreement	Rank Score	2001		2004	
		Number	Percent	Number	Percent
Strongly Disagree	1	283	12.75	264	8.58
Disagree	2	881	39.70	1,232	40.04
Not Sure	3	395	17.80	706	22.94
Agree	4	421	18.97	567	18.43
Strongly Agree	5	239	10.77	308	10.01
Response		2,219	99.06	3,077	96.28
Non-Response		21	0.94	119	3.72
Mean Rank		2.8		2.8	
PSE		0.8		0.7	
Margin of error		1.8%		1.3%	

Table 139. Allowed gear: I think I should be allowed to use more gear with the RCGL.

Level of Agreement	Rank Score	2001		2004	
		Number	Percent	Number	Percent
Strongly Disagree	1	85	3.84	143	4.66
Disagree	2	243	10.99	304	9.90
Not Sure	3	464	20.99	833	27.12
Agree	4	650	29.40	936	30.48
Strongly Agree	5	769	37.78	855	27.84
Response		2,211	98.75	3,071	96.09
Non-Response		28	1.25	125	3.91
Mean Rank		3.8		3.7	
PSE		0.6		0.6	
Margin of error		1.8%		1.3%	

Table 140. Bag limits: I am satisfied with the bag limits for the RCGL.

Level of Agreement	Rank Score	2001		2004	
		Number	Percent	Number	Percent
Strongly Disagree	1	322	14.51	336	10.94
Disagree	2	374	16.85	489	15.92
Not Sure	3	292	13.16	503	16.37
Agree	4	1,010	45.52	1,548	50.39
Strongly Agree	5	221	9.96	196	6.38
Response		2,219	99.11	3,072	96.12
Non-Response		20	0.89	124	3.88
Mean Rank		3.2		3.3	
PSE		0.7		0.6	
Margin of error		1.8%		1.3%	

Table 141. Commercial conflicts: I do not have conflicts with commercial fishermen.

Level of Agreement	Rank Score	2001		2004	
		Number	Percent	Number	Percent
Strongly Disagree	1	180	8.09	199	6.44
Disagree	2	234	10.51	335	10.83
Not Sure	3	161	7.23	251	8.12
Agree	4	1,027	46.14	1,625	52.55
Strongly Agree	5	624	28.03	682	22.06
Response		2,226	99.38	3,092	96.75
Non-Response		14	0.63	104	3.25
Mean Rank		3.8		3.7	
PSE		0.6		0.5	
Margin of error		1.8%		1.3%	

Table 142. Recreational conflicts: I do not have conflicts with recreational hook and line (rod-n-reel) fishermen.

Level of Agreement	Rank Score	2001		2004	
		Number	Percent	Number	Percent
Strongly Disagree	1	42	1.88	45	1.46
Disagree	2	58	2.60	85	2.75
Not Sure	3	72	3.23	126	4.08
Agree	4	1,175	52.71	1,912	61.86
Strongly Agree	5	882	39.57	923	29.86
Response		2,229	99.51	3,091	96.71
Non-Response		11	0.49	105	3.29
Mean Rank			4.3		4.2
PSE			0.4		0.3
Margin of error			1.8%		1.3%

Table 143. Birthplace: Were you born in North Carolina?

Born in North Carolina	2001		2004	
	Number	Percent	Number	Percent
Yes	1668	76.76	2,359	74.60
No	505	20.70	803	25.40
Response	2,173	97.66	3,162	98.94
Non-Response	52	2.34	34	1.06
Margin of error		1.8%		1.3%

Table 144. Residence: How many years have you lived in North Carolina?

Years of Residence	2001		2004	
	Number	Percent	Number	Percent
Less than 20	215	10.95	396	18.91
21 to 20	465	23.69	495	23.64
41 to 60	804	40.96	728	34.77
More than 60	479	24.40	475	22.68
Response	1,963	87.48	2,094	65.52
Non-Response	281	12.52	1,102	34.48
Mean		46.7		43.0
PSE		0.9		1.1
Margin of error		2.0%		1.8%

Table 145. Age: How old were you on December 31?

Age Grouping	2001		2004	
	Number	Percent	Number	Percent
16	5	0.23	5	0.16
17 to 25	25	1.14	48	1.52
26 to 40	288	13.11	358	11.34
41 to 60	1,035	47.13	1,409	44.62
More than 60	843	38.39	1,338	42.37
Response	2,196	97.86	3,158	98.81
Non-Response	48	2.14	38	1.19
Mean	55.7		56.6	
PSE	0.6		0.5	
Margin of error	1.8%		1.3%	

Table 146. Marital status: What is your current marital status?

Marital Status	2001		2004	
	Number	Percent	Number	Percent
Married	1,875	85.81	2,686	85.03
Divorced	149	6.82	218	6.90
Widowed	61	2.79	77	2.44
Separated	21	0.96	36	1.14
Never-Married	79	3.62	142	4.50
Response	2,185	98.16	3,159	98.84
Non-Response	41	1.84	37	1.16
Margin of error	1.8%		1.3%	

Table 147. Ethnic group: What is your ethnic group?

Ethnic Group	2001		2004	
	Number	Percent	Number	Percent
Hispanic / Latino	6	0.28	8	0.25
Caucasian / White	2,025	92.93	3,037	96.41
African-American / Black	16	0.73	33	1.05
Asian-Pacific Islander	2	0.09	10	0.32
Native American	130	5.97	62	1.97
Response	2,179	97.10	3,150	98.56
Non-Response	65	2.90	46	1.44
Margin of error	1.8%		1.3%	

Table 148. Gender: What is your gender?

Gender	2001		2004	
	Number	Percent	Number	Percent
Female	95	4.42	205	6.48
Male	2,056	95.58	2,961	93.52
Response	2,151	96.89	3,166	99.06
No Response	69	3.11	30	0.94
Margin of error	1.8%		1.3%	

Table 149. Education: What was the highest grade you completed in school?

Education	2001		2004	
	Number	Percent	Number	Percent
Less than high school	272	12.50	388	12.14
High school diploma	623	28.63	914	28.60
Some college/technical school	724	33.27	955	29.88
College diploma or advanced degree	557	25.6	880	27.53
Response	2,176	97.67	3,137	98.15
No Response	52	2.33	59	1.85
Margin of error	1.8%		1.3%	

Table 150. Household: How many people live in your household?

Number in Household	2001		2004	
	Number	Percent	Number	Percent
1	158	7.73	255	8.19
2	1,154	56.49	1,793	57.60
3	372	18.21	544	17.48
4	245	11.99	373	11.98
5 or more	114	5.58	148	4.75
Response	2,043	91.70	3,113	97.40
Non-Response	185	8.30	83	2.60
Mean	2.9		2.5	
PSE	3.8		0.7	
Margin of error	1.9%		1.3%	

Table 151. Income: What is the total income of all people who live in the same place as you?

Household Income	2001		2004	
	Number	Percent	Number	Percent
Less than \$5,000	15	0.78	32	1.15
\$5,001 to \$15,000	81	4.21	132	4.76
\$15,001 to \$30,000	333	17.31	478	17.23
\$30,001 to \$50,000	510	28.51	654	23.57
\$50,001 to \$75,000	484	24.12	644	23.21
\$75,000 to \$100,000	270	14.03	423	15.24
More than \$100,000	251	13.05	412	14.85
Response	1,924	87.53	2,775	86.83
Non-Response	274	12.47	421	13.17
Margin of error	2.0%		1.5%	

Table 152. RCGLS in household: How many individuals, living at your residence, have a RCGL?

Number of RCGLs in Household	2001		2004	
	Number	Percent	Number	Percent
1	1,719	90.81	2,591	87.03
2	187	8.82	265	8.90
3	3	0.16	121	4.06
More than 3	4	0.21	o	0.00
Response	1,893	84.36	2,977	93.15
Non-Response	351	15.64	219	6.85
Mean	1.1		1.1	
PSE	0.9		0.6	
Margin of error	2.0%		1.4%	

Table 153. Nights: How many nights was the trip? (for overnight trips only).

Number of Nights of Trip	2001		2004	
	Number	Percent	Number	Percent
1	218	27.25	198	26.47
2	271	33.88	235	31.42
3	113	14.13	127	16.98
4	41	5.13	42	5.61
5	43	5.38	45	6.02
6 to 10	77	9.63	63	8.42
11 to 20	35	4.38	23	3.07
More than 20	2	0.25	15	2.01
Response	800	35.75	748	23.40
Non-Response	1,438	64.25	2,448	76.60
Mean	3.3		3.8	
PSE	3.5		6.1	
Margin of error	3.3%		3.4%	

Table 154. Miles: How many miles did you travel? (for overnight trips only).

Miles Traveled (Overnight Trips)	2001		2004	
	Number	Percent	Number	Percent
50 or less	154	18.36	150	20.92
51 to 100	196	23.36	186	25.94
101 to 150	164	19.55	116	16.18
151 to 200	109	12.99	83	11.58
more than 200	216	25.74	182	25.38
Response	839	37.44	717	22.43
No Response	1,402	62.56	2,479	77.57
Mean	179.5		152.5	
PSE	4.2		3.2	
Margin of error	3.2%		3.5%	

Table 155. Miles: How many miles did you travel? (for day trips only).

Miles Traveled (Day Trips)	2001		2004	
	Number	Percent	Number	Percent
50 or less	437	56.90	547	73.72
51 to 100	190	24.74	141	19.00
101 to 150	68	8.85	26	3.50
151 to 200	37	4.82	13	1.75
more than 200	36	4.69	15	2.02
Response	768	34.70	742	23.22
No Response	1,445	65.30	2,454	76.78
Mean	67.0		42.3	
PSE	4.6		7.3	
Margin of error	3.4%		3.4%	

Table 156. People fishing: How many people who went on the trip fished (overnight trips only)?

Number Fished (Overnight trips)	2001		2004	
	Number	Percent	Number	Percent
1	78	9.30	0	0.00
2	397	47.32	370	70.21
3	134	15.97	87	16.51
4	132	15.73	42	7.97
5 or more	98	11.68	27	5.12
Response	839	37.39	527	16.49
No Response	1,405	62.61	2,669	83.51
Mean	3.0		2.6	
PSE	2.7		2.4	
Margin of error	3.4%		4.1%	

Table 157. People fishing: How many people who went on the trip fished? (day trips only).

Number Fished (day trips)	2001		2004	
	Number	Percent	Number	Percent
1	74	9.78	0	0.00
2	421	55.61	556	81.05
3	140	18.49	92	13.41
4	93	12.29	33	4.81
5 or more	29	3.83	5	0.73
Response	757	33.86	686	21.46
No Response	1,479	66.14	2,510	78.54
Mean	2.6		2.3	
PSE	4.2		2.4	
Margin of error	3.3%		3.6%	

Table 158. Lodging: How much did you pay for lodging per night?

Amount Spent on Lodging	2001		2004	
	Number	Percent	Number	Percent
<\$30	53	13.62	14	8.92
\$31 to \$60	149	38.30	44	28.03
\$61 to \$100	141	36.25	53	33.76
more than \$100	46	11.83	46	29.30
Response	101	17.34	157	5.17
No Response	1,855	82.66	3,039	95.09
Mean		\$80.3		\$107.5
PSE		8.6		6.4
Margin of error		9.7%		7.8%

Table 159. Food: How much did you pay for food? (overnight trips only).

Amount Spent on Food	2001		2004	
	Number	Percent	Number	Percent
<\$10	43	6.10	138	20.09
\$11 to \$30	222	31.49	128	18.63
\$31 to \$60	216	30.64	153	22.27
\$61 to \$100	133	18.87	141	20.52
\$100 or more	91	12.91	127	18.49
Response	705	31.42	687	21.50
No Response	1,539	68.58	2,509	78.50
Mean		\$78.0		\$92.0
PSE		7.1		4.1
Margin of error		3.5%		3.6%

Table 160. Food: How much did you pay for food? (day trips only).

Amount Spent on Food	2001		2004	
	Number	Percent	Number	Percent
<\$10	235	42.57	733	77.00
\$11 to \$30	231	41.85	148	15.55
\$31 to \$60	64	11.59	46	4.83
\$61 to \$100	14	2.54	15	1.58
\$100 or more	8	1.45	10	1.05
Response	552	24.60	952	29.79
No Response	1,692	75.40	2,244	70.21
Mean		\$24.3		\$11.4
PSE		9.3		9.4
Margin of error		4.0%		3.0%

Table 161. Ice: How much did you pay for ice? (overnight trips only).

Amount Paid for Ice	2001		2004	
	Number	Percent	Number	Percent
<\$10	489	74.54	576	82.88
\$11 to \$30	128	19.51	91	13.09
\$31 to \$60	23	3.51	21	3.02
\$61 to \$100	8	1.22	3	0.43
\$100 or more	8	1.22	4	0.58
Response	656	29.23	695	21.75
No Response	1,588	70.77	2,501	78.25
Mean		\$13.6		\$8.9
PSE		8.2		9.6
Margin of error		3.7%		3.5%

Table 162. Ice: How much did you pay for ice? (day trips only).

Amount Paid for Ice	2001		2004	
	Number	Percent	Number	Percent
<\$10	488	90.54	954	97.55
\$11 to \$30	42	7.79	21	2.15
\$31 to \$60	4	0.74	2	0.20
\$61 to \$100	0	0.00	0	0.00
\$100 or more	1	0.19	1	0.10
Response	538	23.84	978	30.6
No Response	1,709	76.16	2,218	69.4
Mean		\$5.9		\$3.2
PSE		5.8		7.4
Margin of error		4.1%		2.9%

Table 163. Bait: How much did you pay for bait? (overnight trips only).

Amount Paid for Bait	2001		2004	
	Number	Percent	Number	Percent
<\$10	228	47.01	521	77.07
\$11 to \$30	190	39.18	120	17.75
\$31 to \$60	38	7.84	28	4.14
\$61 to \$100	20	4.12	6	0.89
\$100 or more	9	1.86	1	0.15
Response	485	21.61	676	21.15
No Response	1,759	78.39	2,520	78.85
Mean		\$22.4		\$8.1
PSE		7.4		6.9
Margin of error		4.3%		3.6%

Table 164. Bait: How much did you pay for bait? (day trips only).

Amount Paid for Bait	2001		2004	
	Number	Percent	Number	Percent
<\$10	245	70.61	892	94.39
\$11 to \$30	90	25.94	50	5.29
\$31 to \$60	11	3.17	2	0.21
\$61 to \$100	0	0.00	1	0.11
\$100 or more	1	0.29	0	0.00
Response	349	15.46	945	29.57
No Response	1,897	84.54	2,251	70.43
Mean	\$11.0		\$2.4	
PSE	5.5		9.5	
Margin of error	5.2%		3.0%	

Table 165. Fuel: How much did you pay for fuel and oil? (overnight trips only).

Amount Paid for Fuel and Oil	2001		2004*	
	Number	Percent	Number	Percent
<\$10	118	15.53	163	26.59
\$11 to \$30	254	33.42	269	43.88
\$31 to \$60	215	28.29	107	17.46
\$61 to \$100	90	11.84	38	6.20
\$100 or more	83	10.92	36	5.87
Response	760	33.87	613	19.18
No Response	1,484	66.13	2,583	80.82
Mean	\$66.0		\$40.0	
PSE	7.5		8.2	
Margin of error	3.4%		3.8%	

* 2004 Annual Survey asked for amount spent on fuel and oil for boat only.

Table 166. Fuel: How much did you pay for fuel and oil? (day trips only).

Amount Paid for Fuel and Oil	2001		2004*	
	Number	Percent	Number	Percent
<\$10	221	31.80	567	23.77
\$11 to \$30	314	45.18	287	12.03
\$31 to \$60	100	14.39	47	1.97
\$61 to \$100	33	4.75	17	0.71
\$100 or more	27	3.88	13	0.55
Response	695	30.97	811	25.38
No Response	1,549	69.03	2,385	74.62
Mean	\$33.19		\$17.1	
PSE	8.9		5.9	
Margin of error	3.6%		3.3%	

* 2004 Annual Survey asked for amount spent on fuel and oil for boat only.

Table 167. Rental: How much did you pay for equipment rental? (overnight trips only).

Amount Paid for Equipment Rental	2001		2004	
	Number	Percent	Number	Percent
\$50 or less	6	26.09	52	58.43
\$51 to \$100	3	13.04	20	22.47
\$101 to \$200	8	34.78	8	8.99
\$201 to \$400	1	4.35	6	6.74
\$400 or more	5	21.74	3	3.37
Response	23	1.03	89	2.78
No Response	2,218	98.97	3,107	97.22
Mean	\$268.17		\$149.4	
PSE	26.3		35.0	
Margin of error	20.9%		10.4%	

Table 168. Rental: How much did you pay for equipment rental? (day trips only).

Amount Paid for Equipment Rental	2001		2004	
	Number	Percent	Number	Percent
\$50 or less	14	0.62	59	7.11
\$51 to \$100	0	0.00	6	0.72
\$101 to \$200	2	0.09	10	1.20
\$201 to \$400	0	0.00	7	0.84
\$400 or more	1	0.04	1	0.12
Response	17	0.76	83	2.60
No Response	2,224	2,224	3,113	97.40
Mean	\$91.1		\$72.9	
PSE	69.82		15.7	
Margin of error	24.5%		10.8%	

APPENDICES

Appendix 10. 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 11. 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 11. 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 (Carteret County)
<input type="checkbox"/> Lockwood Folly River	<input type="checkbox"/> Pamlico River
<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 checked="" type="checkbox"/> New River
<input type="checkbox"/> Pamlico River	<input type="checkbox"/> Pamlico Sound
<input type="checkbox"/> Pamlico Sound	<input type="checkbox"/> Pungo River
<input type="checkbox"/> Pamlico Sound	<input type="checkbox"/> Roanoke River
<input type="checkbox"/> Pamlico Sound	<input type="checkbox"/> Roanoke 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"/> List others _____
<input type="checkbox"/> striped bass	
<input checked="" type="checkbox"/> weakfish	
<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 11. 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 11. 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 11. 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"/> Pamlico River | _____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick River) | <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 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 11. 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"/> 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 _____

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"/> 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 11. 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 11. 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 12. 2004 Annual survey questionnaire.



North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor
William G. Ross Jr., Secretary

Division of Marine Fisheries

Preston P. Pate Jr., Director

January 28, 2005

The North Carolina Division of Marine Fisheries (NC DMF) is conducting a survey of individuals who purchased a Recreational Commercial Gear License (RCGL) between January 1, 2003 and December 31, 2004. The RCGL allows people to use limited amounts of commercial fishing gear such as trawls and larger nets as long as they do not sell their catch. You were identified as possessing a RCGL license in 2004.

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 requirement.

(GS 113-173: "The holder of a RCGL shall comply with the biological data sampling and survey programs of the Commission and the Division.")

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.

The survey should take approximately five (5) minutes to complete. Please return your completed survey by February 18, 2005 using the enclosed postage-paid envelope. Should you have any questions or comments, please contact Chris Wilson at 252-948-3885 or by email at Chris.Wilson@ncmail.net.

Thank you again for participating.

One
North Carolina
Naturally

Appendix 12. 2004 Annual survey questionnaire (Continued).

**North Carolina Division of Marine Fisheries
2004 Annual Survey of Recreational Commercial Gear License (RCGL) Holders**

First Name	Middle Name	Last Name	Suffix	County of Residence
Address (Mailing)	City	State	Zip Code	Email Address

The following questions are asked only to help us understand who is using the Recreational Commercial Gear License (RCGL). Your answers to these questions will remain completely confidential and will only be reported in summary form along with the answers of all the other participants who will fill out this survey

1. How old were you on December 31, 2004? _____
2. How many years have you had a RCGL license? _____
3. What county do you live in? _____
4. Were you born in North Carolina? Yes No (if "No" please answer next question)
5. How many years have you lived in North Carolina? _____
6. Are you: Male Female
7. What do you consider to be your ethnic background?

<input type="checkbox"/> African-American (Black)	<input type="checkbox"/> Asian-Pacific Islander	<input type="checkbox"/> Caucasian (White)
<input type="checkbox"/> Hispanic/ Latino	<input type="checkbox"/> Native American (American Indian)	
8. What was the highest grade you completed in school?

<input type="checkbox"/> Less than high school diploma	<input type="checkbox"/> Some college/technical school
<input type="checkbox"/> High school diploma	<input type="checkbox"/> College diploma (or more)
9. What is your current marital status?

<input type="checkbox"/> Married	<input type="checkbox"/> Divorced	<input type="checkbox"/> Widowed	<input type="checkbox"/> Separated	<input type="checkbox"/> Never married
----------------------------------	-----------------------------------	----------------------------------	------------------------------------	--
10. 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.) _____
11. How many people who live at your residence have a RCGL License? _____
12. What is the total income of all people who live in the same place as you?

<input type="checkbox"/> Less than \$5,000	<input type="checkbox"/> \$5,001 - \$15,000	<input type="checkbox"/> \$15,001 - \$30,000	<input type="checkbox"/> \$30,001 - \$50,000
<input type="checkbox"/> \$50,001 - \$75,000	<input type="checkbox"/> \$75,001 - \$100,000	<input type="checkbox"/> More than \$100,000	
13. What other fishing licenses do you have in addition a Recreational Commercial Gear License (RCGL)?

<input type="checkbox"/> NC DMF Standard Commercial Fishing License (SCFL)
<input type="checkbox"/> NC DMF Shellfish License
<input type="checkbox"/> NC Wildlife Resources Commission (WRC) Inland/Fishing License (examples: sportsman, state fishing license or county fishing license)
14. What sources do you use to obtain information on current and proposed fishing rules in coastal waters?

<input type="checkbox"/> Call the DMF	<input type="checkbox"/> newspapers	<input type="checkbox"/> word of mouth
<input type="checkbox"/> DMF Web site (www.ncfisheries.net)	<input type="checkbox"/> television	<input type="checkbox"/> radio
<input type="checkbox"/> the Internet (other than DMF Web site)	<input type="checkbox"/> posted at boat ramp	<input type="checkbox"/> Mail
15. What is your typical point of access for fishing trips using RCGL gear? (please select only one)

<input type="checkbox"/> private boat ramp	<input type="checkbox"/> beach/bank	<input type="checkbox"/> public boat ramp (WRC or municipal facility)
<input type="checkbox"/> marina/ramp	<input type="checkbox"/> water access at residence	

Appendix 12. 2001 Annual survey questionnaire (Continued).

Check the answer below each sentence that best describes your agreement or disagreement with the statement:

16. I will renew my RCGL next time it is due.
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

17. I think I should be allowed to use more gear with the RCGL license.
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

18. I am satisfied with the gear identification requirements of the RCGL license.
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

19. I am satisfied with the bag limits for the RCGL license.
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

20. I **do not** have conflicts with commercial fishermen.
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

21. I **do not** have conflicts with recreational hook and line (rod-n-reel) fishermen.
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

22. There is too much gear in the water where I fish.
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

23. Seasonal closures are **not** too restrictive.
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

24. Too many areas are off limits to fishing
 Strongly Disagree Disagree Not Sure Agree Strongly Agree

The following questions (25 through 29) ask about RCGL use.

25. Did you use your RCGL any time during 2004? Yes NO *(If you **did not** use your RCGL in 2004 and answer "No", you **do not** need to complete the rest of this questionnaire)*

26. If you **did** use your RCGL during 2004, which gears did you use? *(please check all of the gears that you used)*

<input type="checkbox"/> Large Mesh Gill Net	<input type="checkbox"/> Crab Pot	<input type="checkbox"/> Fish Pot	<input type="checkbox"/> Eel Pot
<input type="checkbox"/> Small Mesh Gill Net	<input type="checkbox"/> Shrimp Trawl	<input type="checkbox"/> Shrimp Pot	<input type="checkbox"/> Seine
<input type="checkbox"/> Electric Shocking Device			

27. In what county do you use your RCGL most often? _____

28. In what major waterbody or tributary of the listed major waterbodies do use your RCGL most often?

<input type="checkbox"/> Albemarle Sound	<input type="checkbox"/> Neuse River	<input type="checkbox"/> Shallotte River
<input type="checkbox"/> Bay River	<input type="checkbox"/> New River	<input type="checkbox"/> Stump Sound
<input type="checkbox"/> Bogue Sound	<input type="checkbox"/> Newport River	<input type="checkbox"/> Topsail Sound
<input type="checkbox"/> Cape Fear River	<input type="checkbox"/> North River (Carteret Co.)	<input type="checkbox"/> White Oak River
<input type="checkbox"/> Chowan River	<input type="checkbox"/> Pasquotank River	<input type="checkbox"/> Intracoastal Waterway (Onslow County)
<input type="checkbox"/> Core Sound	<input type="checkbox"/> Pamlico River	<input type="checkbox"/> Intracoastal Waterway (Pender County)
<input type="checkbox"/> Croatan Sound	<input type="checkbox"/> Pamlico Sound	<input type="checkbox"/> Intracoastal Waterway (New Hanover Co.)
<input type="checkbox"/> Currituck Sound	<input type="checkbox"/> Pungo River	<input type="checkbox"/> Intracoastal Waterway (Brunswick County)
<input type="checkbox"/> Lockwood Folly River	<input type="checkbox"/> Roanoke River	<input type="checkbox"/> Atlantic Ocean (north of Cape Hatteras)
<input type="checkbox"/> Masonboro Sound	<input type="checkbox"/> Roanoke Sound	<input type="checkbox"/> Atlantic Ocean (south of Cape Hatteras)

Other: _____

29. What are the three species you target most often with your RCGL gear? (list in order of importance)

1. _____ 2. _____ 3. _____

Appendix 12. 2001 Annual survey questionnaire (Continued).

The following questions (30 through 40) ask you about your most recent fishing trip.

30. Which of the following species did you land on that trip?

Fish:

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> American Shad | <input type="checkbox"/> Black drum | <input type="checkbox"/> Bluefish | <input type="checkbox"/> Catfish |
| <input type="checkbox"/> Croaker | <input type="checkbox"/> Flounder | <input type="checkbox"/> Hickory shad | <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"/> Sea mullet (whiting) | <input type="checkbox"/> Shark | <input type="checkbox"/> Sheepshead | <input type="checkbox"/> Spanish mackerel |
| <input type="checkbox"/> Spot | <input type="checkbox"/> Speckled Trout | <input type="checkbox"/> Weakfish (gray trout) | <input type="checkbox"/> White perch |

Crab, Shrimp, Shellfish:

- | | | | |
|------------------------------------|---------------------------------|-------------------------------------|---------------------------------|
| <input type="checkbox"/> Blue crab | <input type="checkbox"/> Shrimp | <input type="checkbox"/> Stone crab | <input type="checkbox"/> Oyster |
| <input type="checkbox"/> Scallop | <input type="checkbox"/> Mussel | <input type="checkbox"/> Conch | <input type="checkbox"/> whelk |

List others: _____

- | | |
|---|----------|
| 31. How many nights did you spend away from your main residence on this trip? | _____ |
| 32. If you spent at least one night away from your main residence, how much did you pay, if any, for lodging? | \$ _____ |
| 33. About how many miles did you travel by car on the trip? | _____ |
| 34. How many people went on the trip? | _____ |
| 35. How many people who went on the trip actually fished? | _____ |
| 36. How much was paid for food on the entire trip? | \$ _____ |
| 37. How much did you pay for ice on the trip | \$ _____ |
| 38. How much did you pay for bait on the trip? | \$ _____ |
| 39. How much did you pay for fishing equipment rental (boat, etc.) on the trip? | \$ _____ |
| 40. How much did you pay for boat fuel and oil on the trip? | \$ _____ |

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 <input type="checkbox"/> No	croaker	6	4	0
On the trips where multiple RCGL holders fished, how many times did the amount of gill net used exceed 100 yards?	0	flounder			
Waterbody most often fished: <u> Neuse River </u>		hard blue crab			
<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	Croatan Sound .Manns Harbor	North River (Cart.) .Davis Bay .Goose Bay .Muddy Creek .North River Thorofare .The Straits .Ward Creek	Roanoke Sound .Broad Creek .Kitty Hawk Bay .Shallowbag Bay
Bay River .Bonner Bay .Fishermen Bay .Rockhole Bay .Trent Creek .Vandemere Cr.	Currituck Sound .Above Narrows .Below Narrows .Coinjock Bay .Knotts Island Bay	Pasquotank River .Little Flatty Creek .Newbegun Creek	Shalotte River .Gibbs Creek .Little Shalotte R.
Bogue Sound .Bogue Inlet .Broad Creek .Deer Creek .Gales Creek .Hoop Hole .Money Isle .Pellitier Creek .Spooners Creek .Tar Landing Bay .Turning Basin	Lockwood Folly .Spring Branch	Pamlico River .North Creek .South Creek	Stump Sound .Alligator Bay .Thomas Landing .Mill Creek
Cape Fear River .Baldhead Creek .Buzzards Bay .Cedar Creek .First Bay .Northeast Cape River .Second Bay	Masonboro Sound .Banks Channel .Carolina Beach Basin .Carolina Beach Inlet .Johns Creek .Mason Inlet .Masonboro Channel .Masonboro Inlet .Rich Inlet	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	Topsail Sound .Virginia Creek .Topsail Creek .Elmore Inlet
Chowan River .Meherrin River	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.	Pungo River .Fortesque Creek .Jordan Creek .Pantego Creek .Pungo Creek .Satterwaite Creek .Slade Creek .Wrights Creek	White Oak River <i>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.</i>
Core Sound .Back Bay .Back Sound .Barry Bay .Cedar Island Bay .Jarrett Bay .Middle Marshes .Nelson Bay .Oyster Creek .Styron Bay .Thorofare Bay	New River .Chadwick Bay .Courthouse Bay .Farnell Bay .Morgan Bay .Stones Bay	Roanoke River .Broad Creek .Eastmost River .Middle River	Intracoastal Waterway .Onslow County
	Newport River .Calico Creek .Core Creek .Haystacks .S. Core Cr. Bridge .Taylor Creek .Town Creek		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.

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Chapter V: NORTH CAROLINA STRIPED BASS CREEL SURVEY IN THE CENTRAL AND SOUTHERN MANAGEMENT AREA (CSMA)

TABLE OF CONTENTS

LIST OF TABLES.....	V-1
LIST OF FIGURES	V-2
LIST OF APPENDICES	V-2
PROGRAM NARRATIVE	V-3
SURVEY METHODOLOGY	V-3
APPENDICES.....	V-30
CONTACTS	V-33

LIST OF TABLES

Table 169. Measures of central tendency for lengths and weights of striped bass (observed), 2004.....	V-7
Table 170. Measures of central tendency for lengths and weights of striped bass (observed), 2005.....	V-7
Table 171. Reported and observed catches by species and disposition, 2004.....	V-8
Table 172. Reported and observed catches by species and disposition, 2005.....	V-9
Table 173. Reported targeted species by frequency and percent, 2004.....	V-10
Table 174. Reported targeted species by frequency and percent, 2005.....	V-10
Table 175. Estimated striped bass effort and catch in the CSMA with proportional standard error in parentheses, 2004.....	V-11
Table 176. Estimated striped bass effort and catch in the CSMA with proportional standard error in parentheses, 2005.....	V-11
Table 177. Estimated effort, harvest, and discard for striped bass in the Neuse River system by month, 2004.....	V-12
Table 178. Estimated effort, harvest, and discard for striped bass in the Neuse River system by month, 2005.....	V-12
Table 179. Estimated effort, harvest, and discard for striped bass in the Tar/Pamlico River by month, 2004.....	V-13
Table 180. Estimated effort, harvest, and discard for striped bass in the Tar/Pamlico River by month, 2005.....	V-13
Table 181. Estimated effort, harvest, and discard for striped bass in the Pungo River by month, 2004.....	V-14
Table 182. Estimated effort, harvest, and discard for striped bass in the Pungo River by month, 2005.....	V-14
Table 183. Estimated average trip and angler-h catch (harvest + discard) per unit effort in the CSMA by month, 2004.....	V-15
Table 184. Estimated average trip and angler-h catch (harvest + discard) per unit effort in the CSMA by month, 2005.....	V-15
Table 185. Estimated average trip and angler-h catch (harvest + discard) per unit effort by river and month, 2004.....	V-16
Table 186. Estimated average trip and angler-h catch (harvest + discard) per unit effort by river and month, 2005.....	V-17
Table 187. Observed North Carolina striped bass angler residency by county and river fished, 2004.....	V-18
Table 188. Observed North Carolina striped bass angler residency by county and river fished, 2005.....	V-19
Table 189. Estimated total expenses of striped bass anglers, 2004.....	V-20
Table 190. Estimated total expenses of striped bass anglers, 2005.....	V-20
Table 191. 2005 CSMA striped bass estimates shown as percent change from 2004.....	V-21
Table 192. 2005 Neuse River striped bass estimates shown as percent change from 2004.....	V-21

Table 193. 2005 Tar/Pamlico and Pungo River striped bass estimates shown as percent change from 2004.....	V-22
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LIST OF FIGURES

Figure 86. Map of study area including sampling sites and description of upper and lower zones, 2004-2005.....	V-23
Figure 87. Length frequencies by percent of total observed striped bass by river, 2004-2005.....	V-24
Figure 88. Estimated striped bass trips by river and month, 2004.....	V-25
Figure 89. Estimated striped bass trips by river and month, 2005.....	V-25
Figure 90. Estimated angler-h by river and month, 2004.....	V-26
Figure 91. Estimated angler-h by river and month, 2005.....	V-26
Figure 92. Estimated harvest in pounds by river, month, and year, 2004-2005.....	V-27
Figure 93. Estimated total number of discards by river, month, and year, 2004-2005.....	V-28
Figure 94. Estimated striped bass harvest, angler trips, and average gas prices, 2004.....	V-29
Figure 95. Estimated striped bass harvest, angler trips, and average gas prices, 2005.....	V-29

LIST OF APPENDICES

Appendix 14. CSMA creel survey interview form.....	V-30
Appendix 15. CSMA creel survey socioeconomic questions.....	V-31
Appendix 16. CSMA creel survey assignment summary form.....	V-32

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. 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 86).

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 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 system was divided into upper and lower zones, with sites upstream of Grimesland, NC considered the upper zone (Figure 86). The Pungo River was surveyed at the Leechville ramp (NC-264 bridge), the Belhaven NCWRC ramp, and Cee Bee Marina on Pungo Creek. 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 (personal communication NCDMF, Fritz Rohde).

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 2005. 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 observed effort in the 2004 CSMA creel survey. 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 fishing 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.

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 assigned to this river, with one surveying each zone March through May and both clerks surveying 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. Two creel clerks were assigned to this area. The Pungo River was surveyed throughout the year with one creel clerk.

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 (a.k.a. one intercept). Harvested fish were identified, counted, 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. The age structures were given to the Fisheries Management section of NCDMF for age determination. 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

used by creel clerks for interviews and assignment summary records are shown in Appendix 14, Appendix 15, and Appendix 16.

Analyses

Effort and Catch Estimations

Samples were reduced to striped bass effort and catch only. 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 zone and type of day 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 ith unit being in the sample is denoted by pi (Pollock et al. 1994). Total effort over the CSMA and each individual zone and type of day were estimated in the same fashion, as were other extrapolated data. Approximate standard errors (SE) of the catch and effort estimates within zone and type of day were calculated according to:

$$SE = \sqrt{N^2 \left(\frac{s^2}{n} \right)}$$

where s² 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 and multiplied by 100 to express the standard error as a percentage to allow the reader to make quick comparisons of precision among surveys. 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 zone 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. The database was created using Access[®] and statistical analyses were performed with SAS 9.1[®].

Angler Demographics and Economic Analysis

The CSMA Creel Survey socioeconomic questionnaire (Appendix 15) 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, and expressed as a percentage of the total angling population throughout the CSMA. Mean values were calculated and reported with PSE. Results were further grouped 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 for the CSMA during 2005 was 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 by month for the east coast in 2005 (EIA 2006).

Table 169. 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 170. Measures of central tendency for lengths and weights of striped bass (observed), 2005.

River	Length (inches)				Weight (pounds)			
	Number	Minimum	Maximum	Average	Number	Minimum	Maximum	Average
Upper Neuse River	4	20	26	22.5	4	2.9	7.7	4.8
Lower Neuse River	82	17	30	21.5	82	2.0	11.2	4.1
Upper Tar River	5	16	21	19.0	5	2.9	4.9	3.8
Lower Tar/ upper Pamlico R.	101	16	31	21.6	101	2.0	14.8	4.6
Pungo River	143	17	28	20.6	143	0.8	6.0	3.5
Total	335	16	31	21.1	335	0.8	14.8	4.0

Table 171. 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>	0	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 172. Reported and observed catches by species and disposition, 2005.

Common Name	Scientific Name	Harvested	Discards			Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal		
American Eel	<i>Anguilla rostrata</i>	0	4	0	0	4	<0.1
American Shad	<i>Alosa sapidissima</i>	42	36	0	0	78	0.3
Atlantic Croaker	<i>Micropogonias undulatus</i>	27	260	0	0	287	1
Black Crappie	<i>Pomoxis nigromaculatus</i>	638	704	0	0	1,342	4.5
Black Drum	<i>Pogonias cromis</i>	1	20	0	2	23	0.1
Bluefish	<i>Pomatomus saltatrix</i>	8	20	0	52	80	0.3
Bowfin	<i>Amia calva</i>	0	390	0	0	390	1.3
Catfishes	<i>Ictaluridae</i>	335	853	0	79	1,267	4.3
Chain Pickerel	<i>Esox niger</i>	1	131	0	0	132	0.4
Clearnose Skate	<i>Raja eglanteria</i>	0	7	0	0	7	<0.1
Common Carp	<i>Cyprinus carpio</i>	0	7	0	0	7	<0.1
Flounder	<i>Paralichthys</i> spp.	181	19	7	510	717	2.4
Gizzard Shad	<i>Dorosoma cepedianum</i>	0	27	0	0	27	0.1
Hickory Shad	<i>Alosa mediocris</i>	283	1,155	10	0	1,448	4.9
Hybrid striped bass	<i>M. saxatilis x chrysops</i>	11	1	0	2	14	<0.1
Largemouth Bass	<i>Micropterus salmoides</i>	80	1,323	26	2,375	3,804	12.8
Longnose Gar	<i>Lepisosteus osseus</i>	1	57	0	0	58	0.2
Oyster Toadfish	<i>Opsanus tau</i>	0	2	0	0	2	<0.1
Pinfish	<i>Lagodon rhomboides</i>	0	33	0	0	33	0.1
Red Drum	<i>Sciaenops ocellatus</i>	45	22	6	328	401	1.4
Redfin Pickerel	<i>Esox americanus americanus</i>	0	9	0	0	9	<0.1
River Herrings	<i>Alosa</i> spp.	379	107	4	0	490	1.6
Seatrouts	<i>Cynoscion</i> spp.	0	0	0	31	31	0.1
Spanish Mackerel	<i>Scomberomorus maculatus</i>	5	0	0	8	13	<0.1
Spot	<i>Leiostomus xanthurus</i>	24	53	0	0	77	0.3
Spotted Seatrout	<i>Cynoscion nebulosus</i>	162	18	9	1,811	2,000	6.7
Striped Bass	<i>Morone saxatilis</i>	378	171	22	2,262	2,833	9.5
Striped Mullet	<i>Mugil cephalus</i>	1	1	0	0	2	<0.1
Suckers	Catostomidae	0	1	0	0	1	<0.1
Sunfishes	Centrarchidae	3,403	8,926	0	0	12,329	41.5
Tarpon	<i>Megalops atlanticus</i>	0	1	0	1	2	<0.1
Weakfish	<i>Cynoscion regalis</i>	2	0	0	6	8	<0.1
White Perch	<i>Morone americana</i>	967	529	0	0	1,496	5
Yellow Perch	<i>Perca flavescens</i>	130	158	0	0	288	1
All		7,104	15,045	84	7,467	29,700	100

Table 173. 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 174. Reported targeted species by frequency and percent, 2005.

Reported Target Species	Scientific Name	Frequency	Percent
Striped Bass	<i>Morone saxatilis</i>	844	32.7
Largemouth Bass	<i>Micropterus salmoides</i>	584	22.6
Sunfishes	<i>Centrarchidae</i>	374	14.5
Hickory Shad	<i>Alosa mediocris</i>	150	5.8
Spotted Seatrout	<i>Cynoscion nebulosus</i>	137	5.3
Black Crappie	<i>Pomoxis nigromaculatus</i>	115	4.5
Catfishes	<i>Ictaluridae</i>	98	3.8
Flounders	<i>Paralichthys</i> spp.	83	3.2
White Perch	<i>Morone americana</i>	67	2.6
River Herrings	<i>Alosa</i> spp.	47	1.8
Red Drum	<i>Sciaenops ocellatus</i>	37	1.4
Yellow Perch	<i>Perca flavescens</i>	28	1.1
Tarpon	<i>Megalops atlanticus</i>	5	0.2
American Shad	<i>Alosa sapidissima</i>	4	0.2
Spanish Mackerel	<i>Scomberomorus maculatus</i>	4	0.2
Atlantic Croaker	<i>Micropogonias undulatus</i>	3	0.1
Redfin Pickerel	<i>Esox americanus americanus</i>	1	<0.1
Spot	<i>Leiostomus xanthurus</i>	1	<0.1
Black Drum	<i>Pogonias cromis</i>	1	<0.1
Total		2,583	100.0

Table 175. 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 176. Estimated striped bass effort and catch in the CSMA with proportional standard error in parentheses, 2005.

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	2,957	1,075	5,903	965	4,119	61	0	2,451	3,477
February	3,303	835	4,418	417	1,645	119	0	1,535	2,071
March	8,798	1,959	8,388	400	1,973	45	3	924	1,372
April	5,680	808	3,915	316	1,251	54	0	2,344	2,714
May	10,907	1,437	6,513	349	1,348	350	37	1,547	2,283
June	5,409	1,056	3,254	282	1,063	107	0	568	957
July	3,475	353	1,312	120	334	40	0	572	732
August	2,040	321	1,675	341	1,090	21	0	422	784
September	2,584	49	172	18	63	23	0	84	125
October	2,181	354	1,582	86	249	21	32	2,898	3,037
November	1,892	796	3,481	345	1,173	47	54	1,501	1,947
December	1,657	565	3,699	286	1,049	127	26	765	1,204
Total	50,883 (31)	9,608 (11)	44,312 (9)	3,925 (18)	15,357 (18)	1,015 (26)	152 (41)	15,611 (19)	20,703

Table 177. 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 178. Estimated effort, harvest, and discard for striped bass in the Neuse River system by month, 2005.

Zone	Month	Striped Bass Effort		Harvest		Discard			Total Catch
		Trips	Angler-h	Number	Pounds	Legal-sized	Over-creel	Sub-legal	
Upper Neuse River	March	786	2,443	0	0	0	0	0	0
	April	153	791	139	606	0	0	0	139
	May	350	1,757	86	455	0	0	43	129
	Total	1,289	4,991	225	1,061	0	0	43	268
Lower Neuse River	January	638	3,340	290	1,328	45	0	263	598
	February	474	2,618	286	1,024	7	0	37	330
	March	598	2,961	239	1,203	28	0	48	315
	April	0	0	0	0	0	0	0	0
	May	612	2,603	109	240	328	0	726	1163
	June	940	2,796	164	632	97	0	274	535
	July	223	870	59	153	6	0	339	404
	August	182	553	114	377	0	0	290	404
	September	0	0	0	0	21	0	0	21
	October	269	1,123	58	164	21	13	2,694	2,786
	November	460	2,041	62	300	4	0	1,093	1,159
	December	218	1,526	112	390	73	0	665	850
Total	4,614	20,431	1,493	5,811	630	13	6,429	8,565	

Table 179. 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 180. Estimated effort, harvest, and discard for striped bass in the Tar/Pamlico River by month, 2005.

Zone	Month	Striped Bass Effort		Harvest		Discard			Total Catch
		Trips	Angler-h	Number	Pounds	Legal-sized	Over-creel	Sub-legal	
Upper Tar River	March	271	1,668	79	381	11	0	132	222
	April	467	2,240	85	255	54	0	2,053	2,192
	May	202	1,074	0	0	21	0	287	308
	Total	940	4,982	164	636	86	0	2,472	2,722
Lower Tar/Upper Pamlico River	January	319	2,073	111	528	2	0	2,091	2,204
	February	265	1,302	90	434	113	0	1,494	1,697
	March	258	1,164	46	221	6	0	741	793
	April	139	805	37	193	0	0	279	316
	May	141	419	10	84	0	0	417	427
	June	54	197	33	142	10	0	251	294
	July	40	93	9	36	34	0	72	115
	August	0	0	5	39	19	0	3	27
	September	25	82	0	0	0	0	76	76
	October	42	186	3	7	0	0	148	151
	November	214	1,081	65	191	34	0	359	458
	December	116	557	0	0	6	0	21	27
Total	1,613	7,959	409	1,875	224	0	5,952	6,585	

Table 181. 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 182. Estimated effort, harvest, and discard for striped bass in the Pungo River by month, 2005.

Zone	Month	Striped Bass Effort		Harvest		Discard			Total Catch
		Trips	Angler-h	Number	Pounds	Legal-sized	Over-creel	Sub-legal	
Pungo River	January	118	490	564	2,262	15	0	97	676
	February	97	498	41	187	0	0	3	44
	March	46	152	36	167	0	3	3	42
	April	48	79	56	197	0	0	11	67
	May	132	659	145	569	0	37	75	257
	June	63	260	85	289	0	0	44	129
	July	90	349	52	144	0	0	161	213
	August	139	1,122	205	616	2	0	128	335
	September	24	90	18	63	2	0	9	29
	October	44	274	26	79	0	19	55	100
	November	121	359	218	682	9	54	49	330
	December	231	1,616	173	659	48	26	78	325
Total		1,153	5,948	1,619	5,914	76	139	713	2,547

Table 183. 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	1.3	0.5	0.8	0.3	0.1	0.2
February	1.3	0.4	1.0	0.3	0.1	0.2
March	0.4	0.2	0.2	0.1	0.0	0.0
April	0.8	0.2	0.5	0.2	0.1	0.1
May	0.9	0.1	0.8	0.2	0.0	0.2
June	1.3	0.3	1.0	0.4	0.1	0.3
July	3.0	0.5	2.5	1.1	0.1	1.0
August	1.5	0.3	1.3	0.5	0.1	0.4
September	3.0	0.8	2.3	0.6	0.1	0.4
October	3.9	1.4	2.5	0.7	0.2	0.5
November	2.9	0.5	2.4	0.6	0.1	0.5
December	1.9	0.6	1.2	0.4	0.1	0.2
Total	1.5	0.5	1.1	0.3	0.1	0.2

Table 184. Estimated average trip and angler-h catch (harvest + discard) per unit effort in the CSMA by month, 2005.

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	3.2	0.9	2.3	0.6	0.2	0.4
February	2.5	0.5	2.0	0.5	0.1	0.4
March	0.7	0.2	0.5	0.2	0.0	0.1
April	3.4	0.4	3.0	0.7	0.1	0.6
May	1.6	0.2	1.3	0.4	0.1	0.3
June	0.9	0.3	0.6	0.3	0.1	0.2
July	2.1	0.3	1.7	0.6	0.1	0.5
August	2.4	1.1	1.4	0.5	0.2	0.3
September	2.6	0.4	2.2	0.7	0.1	0.6
October	8.6	0.2	8.3	1.9	0.1	1.9
November	2.4	0.4	2.0	0.6	0.1	0.5
December	2.1	0.5	1.6	0.3	0.1	0.2
Total	2.2	0.4	1.7	0.5	0.1	0.4

Table 185. 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	0.0	0.0	0.0	0.0	0.0	0.0
	April	0.3	0.0	0.3	0.1	0.0	0.1
	May	0.0	0.0	0.0	0.0	0.0	0.0
Lower Neuse River	January	1.2	0.1	1.1	0.3	0.0	0.2
	February	0.2	0.1	0.1	0.1	0.0	0.0
	March	0.9	0.3	0.5	0.1	0.1	0.1
	April	0.5	0.0	0.5	0.1	0.0	0.1
	May	0.5	0.0	0.5	0.1	0.0	0.1
	June	1.4	0.7	0.7	0.2	0.1	0.1
	July	2.8	1.2	1.7	0.5	0.2	0.3
	August	0.4	0.0	0.4	0.1	0.0	0.1
	September	3.9	0.5	3.3	0.6	0.1	0.5
	October	1.9	1.2	0.7	0.3	0.2	0.1
	November	2.3	0.1	2.1	0.5	0.0	0.5
	December	2.4	1.5	1.0	0.5	0.3	0.2
Upper Tar River	March	0.0	0.0	0.0	0.0	0.0	0.0
	April	0.3	0.2	0.1	0.1	0.0	0.0
	May	0.1	0.1	0.0	0.0	0.0	0.0
Lower Tar/upper Pamlico River	January	1.6	0.4	1.2	0.3	0.1	0.2
	February	1.2	0.3	0.9	0.3	0.1	0.2
	March	0.6	0.2	0.4	0.1	0.0	0.1
	April	1.9	0.4	1.4	0.4	0.1	0.3
	May	0.6	0.3	0.3	0.2	0.1	0.1
	June	0.6	0.0	0.6	0.4	0.0	0.4
	July	3.8	0.1	3.8	2.1	0.0	2.0
	August	2.9	0.1	2.8	1.1	0.0	1.0
	September	0.6	0.0	0.6	0.3	0.0	0.3
	October	4.9	1.2	3.7	1.3	0.3	1.0
	November	3.3	0.1	3.2	0.6	0.0	0.6
	December	1.8	0.0	1.8	0.4	0.0	0.4
Pungo River	January	1.1	0.9	0.2	0.4	0.3	0.1
	February	2.6	0.7	1.8	0.6	0.2	0.4
	March	0.4	0.4	0.1	0.1	0.1	0.0
	April	0.9	0.6	0.3	0.2	0.1	0.1
	May	3.5	0.1	3.3	0.7	0.0	0.7
	June	1.9	0.3	1.7	0.5	0.1	0.4
	July	2.3	0.4	1.9	0.7	0.1	0.6
	August	1.3	0.6	0.6	0.3	0.2	0.2
	September	4.6	1.8	2.9	0.8	0.3	0.5
	October	5.0	1.8	3.2	0.6	0.2	0.4
	November	3.3	1.4	1.9	0.5	0.2	0.3
	December	1.4	0.5	0.9	0.2	0.1	0.2
Total CSMA		1.54	1.5	0.5	1.1	0.3	0.1

Table 186. Estimated average trip and angler-h catch (harvest + discard) per unit effort by river and month, 2005.

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	0.0	0.0	0.0	0.0	0.0	0.0
	April	0.9	0.9	0.0	0.2	0.2	0.0
	May	0.4	0.2	0.1	0.1	<0.1	<0.1
Lower Neuse River	January	0.9	0.5	0.5	0.2	0.1	0.1
	February	0.7	0.6	0.1	0.1	0.1	<0.1
	March	0.5	0.4	0.1	0.1	0.1	<0.1
	April	0.0	0.0	0.0	0.0	0.0	0.0
	May	1.9	0.2	1.7	0.4	<0.1	0.4
	June	0.6	0.2	0.4	0.2	0.1	0.1
	July	1.8	0.3	1.5	0.5	0.1	0.4
	August	2.2	0.6	1.6	0.7	0.2	0.5
	September	0.0	0.0	0.0	0.0	0.0	0.0
	October	10.4	0.2	10.1	2.5	0.1	2.4
	November	2.5	0.1	2.4	0.6	<0.1	0.5
	December	3.9	0.5	3.4	0.6	0.1	0.5
Upper Tar River	March	0.8	0.3	0.5	0.1	<0.1	0.1
	April	4.7	0.2	4.5	1.0	<0.1	0.9
	May	1.5	0.0	1.5	0.3	0.0	0.3
Lower Tar/upper Pamlico River	January	6.9	0.3	6.6	1.1	0.1	1.0
	February	6.4	0.3	6.1	1.3	0.1	1.2
	March	3.1	0.2	2.9	0.7	<0.1	0.6
	April	2.3	0.3	2.0	0.4	<0.1	0.3
	May	3.0	0.1	3.0	1.0	<0.1	1.0
	June	5.4	0.6	4.8	1.5	0.2	1.3
	July	2.9	0.2	2.7	1.2	0.1	1.1
	August	0.0	0.0	0.0	0.0	0.0	0.0
	September	3.0	0.0	3.0	0.9	0.0	0.9
	October	3.6	0.1	3.5	0.8	<0.1	0.8
	November	2.1	0.3	1.8	0.4	0.1	0.4
	December	0.2	0.0	0.2	<0.1	0.0	<0.1
Pungo River	January	5.7	4.8	0.9	1.4	1.2	0.2
	February	0.5	0.4	<0.1	0.1	0.1	<0.1
	March	0.9	0.8	0.1	0.3	0.2	<0.1
	April	1.4	1.2	0.2	0.8	0.7	0.1
	May	1.9	1.1	0.8	0.4	0.2	0.2
	June	2.0	1.3	0.7	0.5	0.3	0.2
	July	2.4	0.6	1.8	0.6	0.1	0.5
	August	2.4	1.5	0.9	0.3	0.2	0.1
	September	1.2	0.8	0.5	0.3	0.2	0.1
	October	2.3	0.6	1.7	0.4	0.1	0.3
	November	2.7	1.8	0.9	0.9	0.6	0.3
	December	1.4	0.7	0.7	0.2	0.1	0.1
Total CSMA		2.2	0.4	1.7	0.5	0.1	0.4

Table 187. 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 188. Observed North Carolina striped bass angler residency by county and river fished, 2005.

Upper Neuse River			Lower Neuse River			Upper Tar River			Lower Tar/upper Pamlico			Pungo River		
County	#	%	County	#	%	County	#	%	County	#	%	County	#	%
Carteret	1	6	Beaufort	1	<1	Edgecombe	29	64	Beaufort	173	45	Beaufort	53	37
Edgecombe	1	6	Carteret	5	2	Nash	4	9	Bertie	4	1	Bertie	2	1
Johnston	2	12	Craven	139	57	Pitt	11	24	Columbus	2	1	Craven	1	1
Lenoir	3	18	Duplin	5	2	Wilson	1	2	Craven	4	1	Cumberland	1	1
Wake	2	12	Greene	11	4				Edgecombe	8	2	Edgecombe	3	2
Wayne	8	47	Johnston	1	<1				Franklin	1	<1	Franklin	3	2
			Jones	2	1				Greene	19	5	Greene	1	1
			Lenoir	29	12				Harnett	1	<1	Harnett	1	1
			Onslow	7	3				Johnston	1	<1	Hertford	1	1
			Pamlico	5	2				Lenoir	1	<1	Hyde	3	2
			Pitt	18	7				Martin	4	1	Johnston	3	2
			Sampson	4	2				Moore	1	<1	Martin	8	6
			Wake	3	1				Nash	4	1	Nash	5	4
			Wayne	15	6				Pitt	150	39	Pitt	34	24
									Wake	1	<1	Randolph	1	1
									Wayne	2	1	Wake	6	4
									Wilson	12	3	Washington	1	1
												Wayne	7	5
												Wilkes	1	1
												Wilson	8	6

Table 189. 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

Table 190. Estimated total expenses of striped bass anglers, 2005.

Expenditure	Upper Neuse R.	Lower Neuse R.	Upper Tar R.	Lower Tar/upper Pamlico R.	Pungo R.	CSMA
Overnight Trips	0	369	1,880	16	4,324	6,589
Mile Traveled	20,108	118,118	10,058	33,550	71,255	253,091
Lodging	\$0	\$0	\$0	\$129	\$2,525	\$2,654
Food	\$5,556	\$21,547	\$5,593	\$7,113	\$23,879	\$63,688
Ice	\$580	\$2,030	\$2,745	\$1,097	\$3,367	\$9,819
Bait	\$3,326	\$7,613	\$11,722	\$4,629	\$3,401	\$30,691
Equipment Rental	\$0	\$92	\$0	\$0	\$0	\$92
Boat Fuel/Oil	\$8,997	\$41,757	\$8,112	\$17,098	\$25,354	\$101,318
Total	\$18,458	\$73,040	\$28,172	\$30,066	\$58,526	\$208,263

Table 191. 2005 CSMA striped bass estimates shown as percent change from 2004.

Month/Season	Percent change from 2004					
	Trips	Angler-h	Number	Pounds	Total Catch	Discard
January	+2	+30	+182	+197	+163	+156
February	-5	+18	+97	+81	+225	+289
March	+38	+50	+69	+48	+140	+190
April	-59	-60	+47	+32	+192	+235
May	+61	+53	+775	+516	+484	+451
June	+8	-37	-45	-57	-38	-34
July	-46	-61	-80	-87	-61	-52
August	+10	+61	+853	+821	+92	+21
September	-91	-94	-94	-93	-92	-92
October	-78	-86	-96	-96	-33	+22
November	-33	-40	+7	+5	-39	-45
December	-56	-44	-76	-78	-54	-35
Winter (Jan-Feb)	-1	+24	+149	+151	+183	+196
Spring (Mar-May)	-2	-4	+117	+83	+237	+279
Summer (Jun-Aug)	-10	-35	-38	-52	-36	-35
Fall (Sep-Nov)	-64	-73	-84	-82	-46	-30
Winter (Dec)	-56	-44	-76	-78	-54	-35
All Months	-25	-31	-36	-33	+5	+24

Table 192. 2005 Neuse River striped bass estimates shown as percent change from 2004.

Month	Percent Change from 2004					
	Trips	Angler-h	Number	Pounds	Total Catch	Discard
January	-2	+13	+353	+341	-23	-57
February	-18	+6	+262	+178	+162	-6
March	+200	+89	+61	+27	-21	-70
April	-86	-85	-	-	-66	-100
May	+77	+72	-	-	+576	+474
June	+58	-26	-62	-71	-37	-12
July	-54	-70	-90	-94	-71	-57
August	+18	-12	-	-	+621	+418
September	-100	-100	-100	-100	-98	-98
October	-77	-86	-96	-96	+22	+212
November	-31	-31	-17	+36	-23	-23
December	-69	-57	-89	-91	-51	+6
Total	-21	-36	-57	-54	-19	+2

Table 193. 2005 Tar/Pamlico and Pungo River striped bass estimates shown as percent change from 2004.

Month	Percent Change from 2004					
	Trips	Angler-h	Number	Pounds	Total Catch	Discard
January	+9	+61	+143	+157	+424	+711
February	+19	+42	-2	+15	+241	+326
March	-40	+9	+81	+99	+518	+993
April	-25	-32	-17	-32	+390	+673
May	+35	+24	+288	+198	+396	+423
June	-69	-68	+30	+71	-40	-50
July	-23	-2	+61	+50	-35	-43
August	+1	+170	+518	+485	+5	-51
September	-78	-76	-84	-83	-73	-68
October	-81	-85	-96	-97	-89	-86
November	-36	-49	+15	-2	-54	-66
December	-39	-30	-1	-8	-60	-75
Total	-31	-21	+2	+4	+36	+47

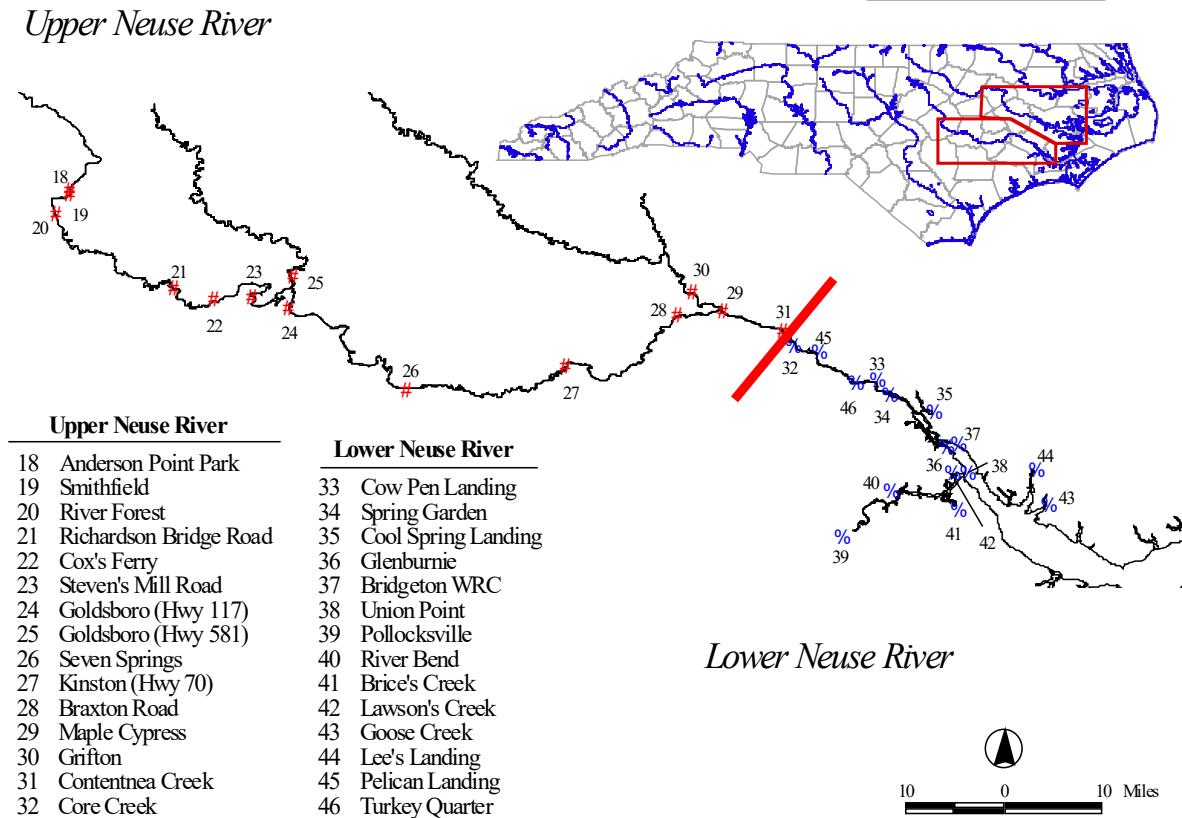
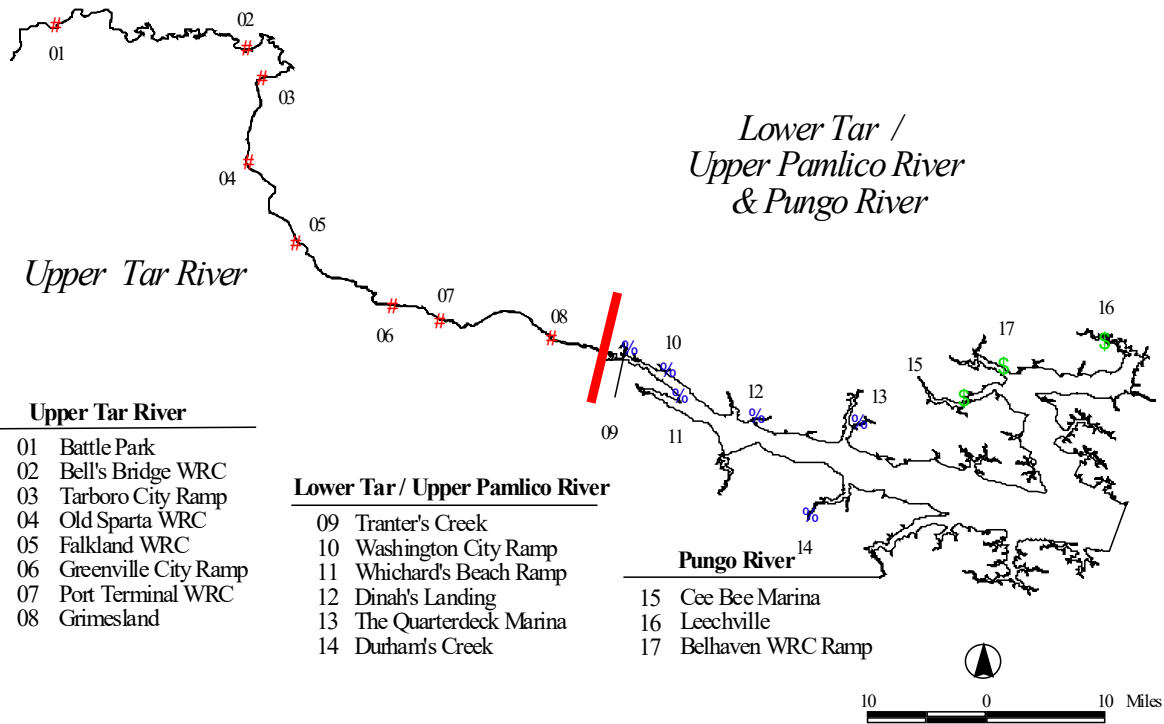


Figure 86. Map of study area including sampling sites and description of upper and lower zones, 2004-2005.

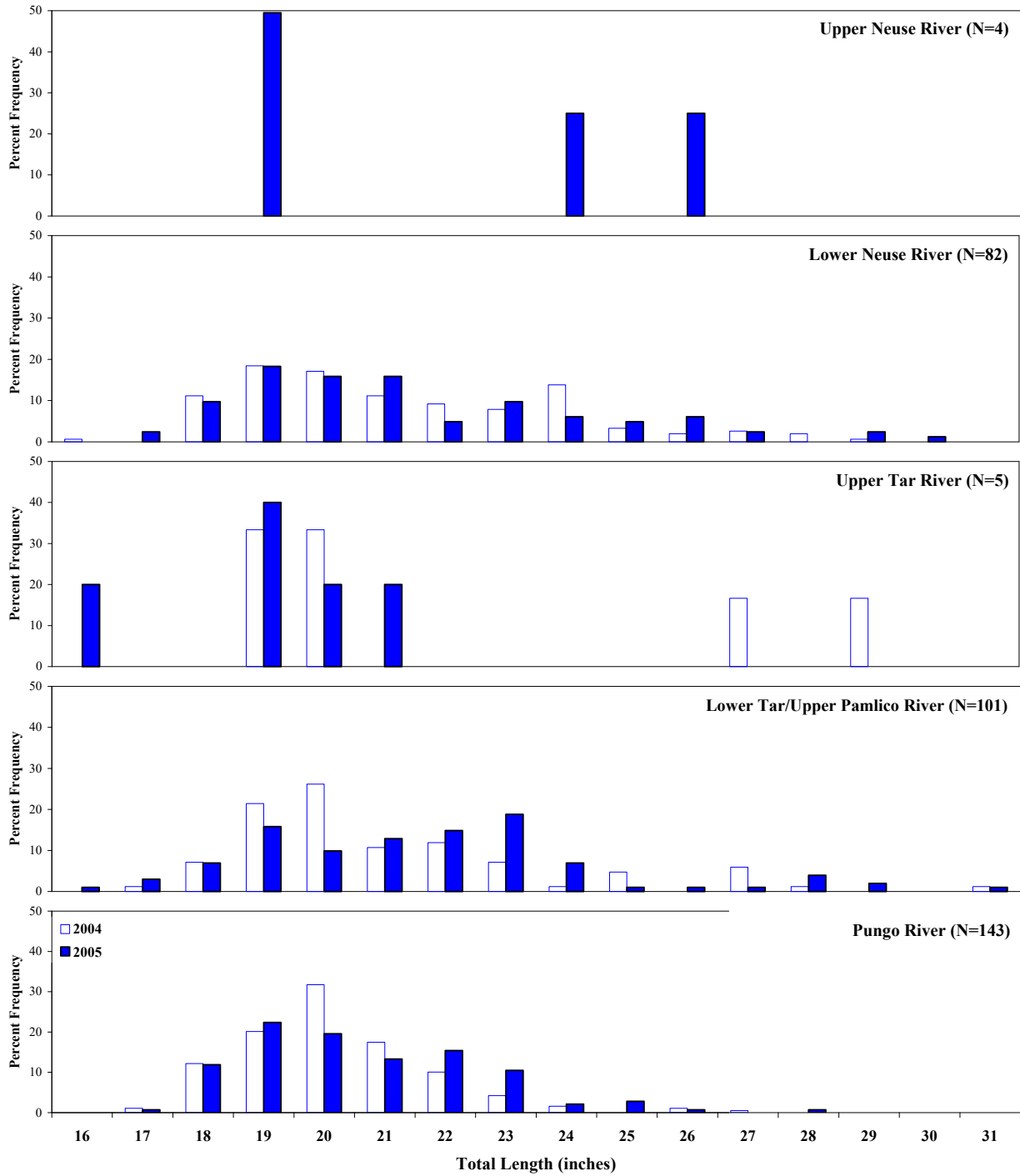


Figure 87. Length frequencies by percent of total observed striped bass by river, 2004-2005.

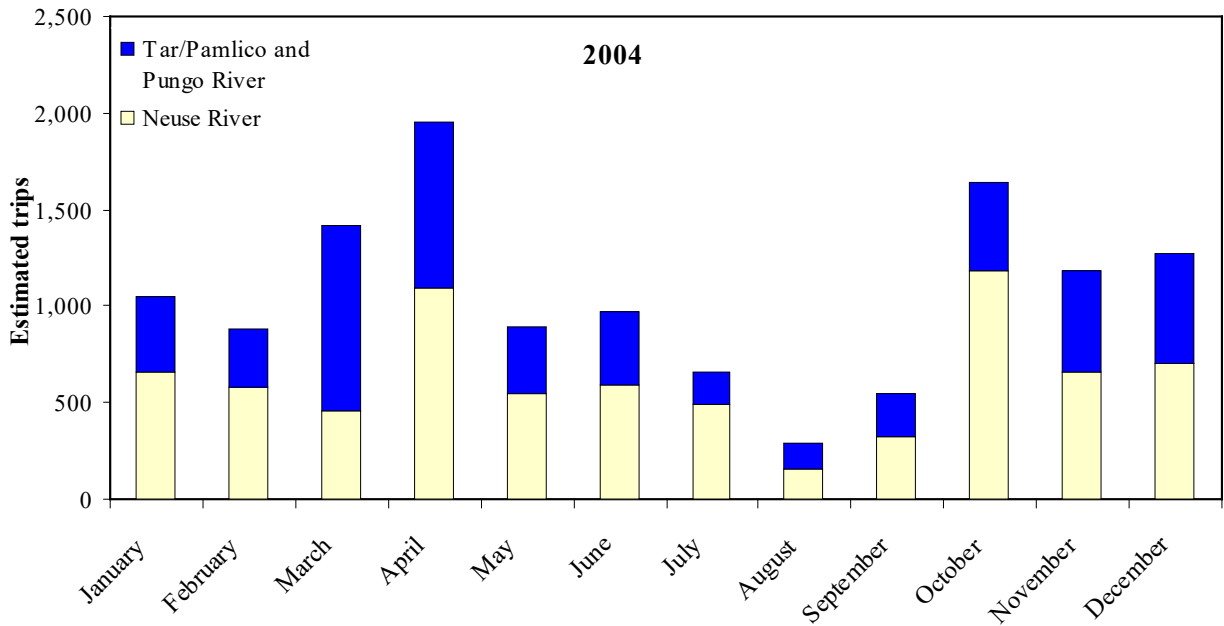


Figure 88. Estimated striped bass trips by river and month, 2004.

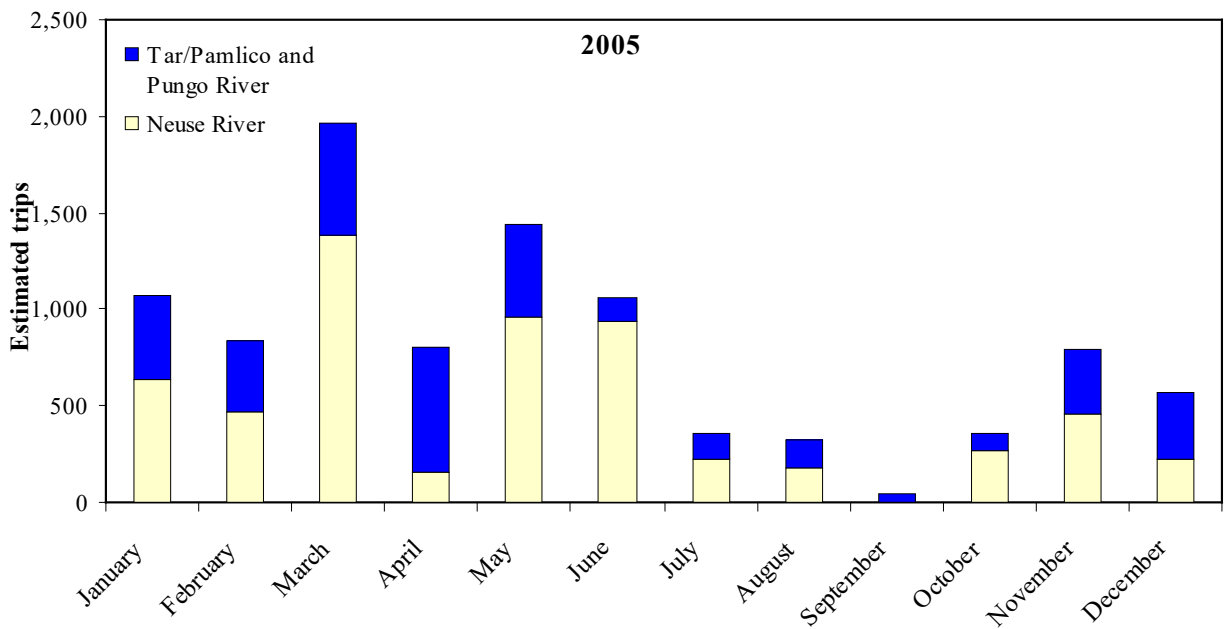


Figure 89. Estimated striped bass trips by river and month, 2005.

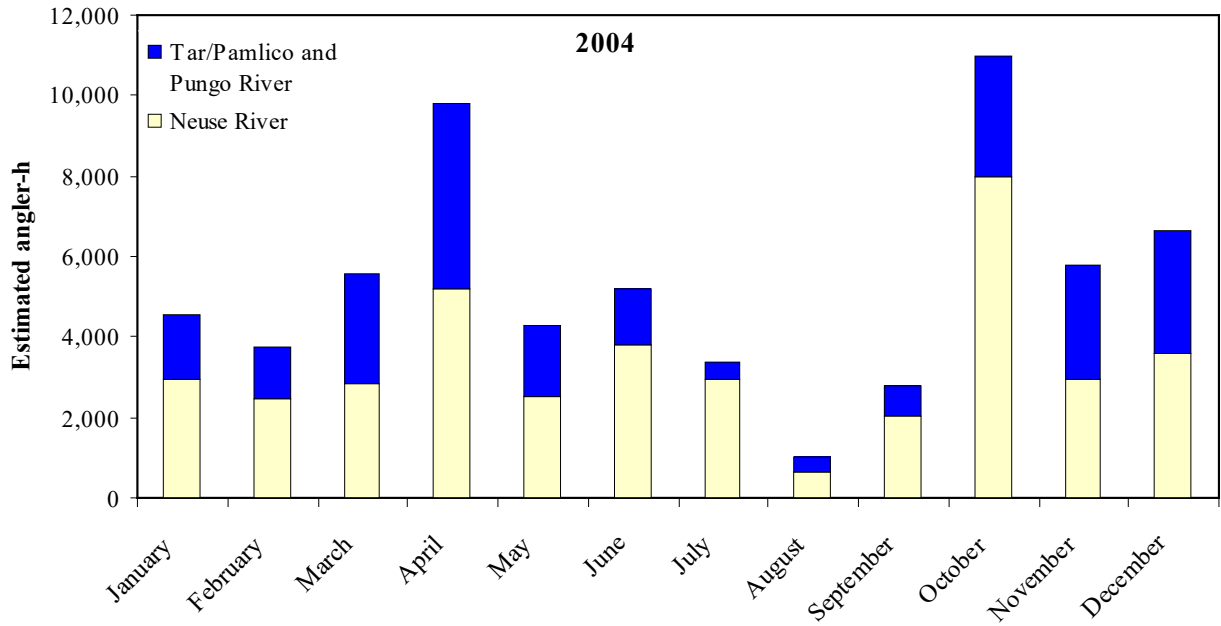


Figure 90. Estimated angler-h by river and month, 2004.

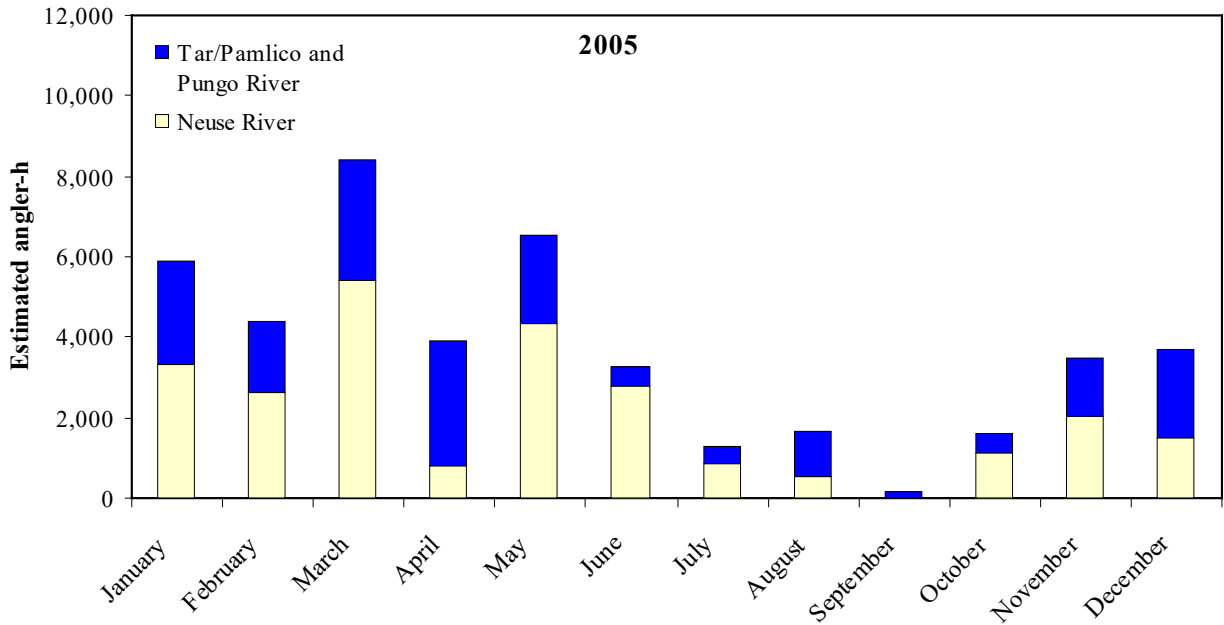


Figure 91. Estimated angler-h by river and month, 2005.

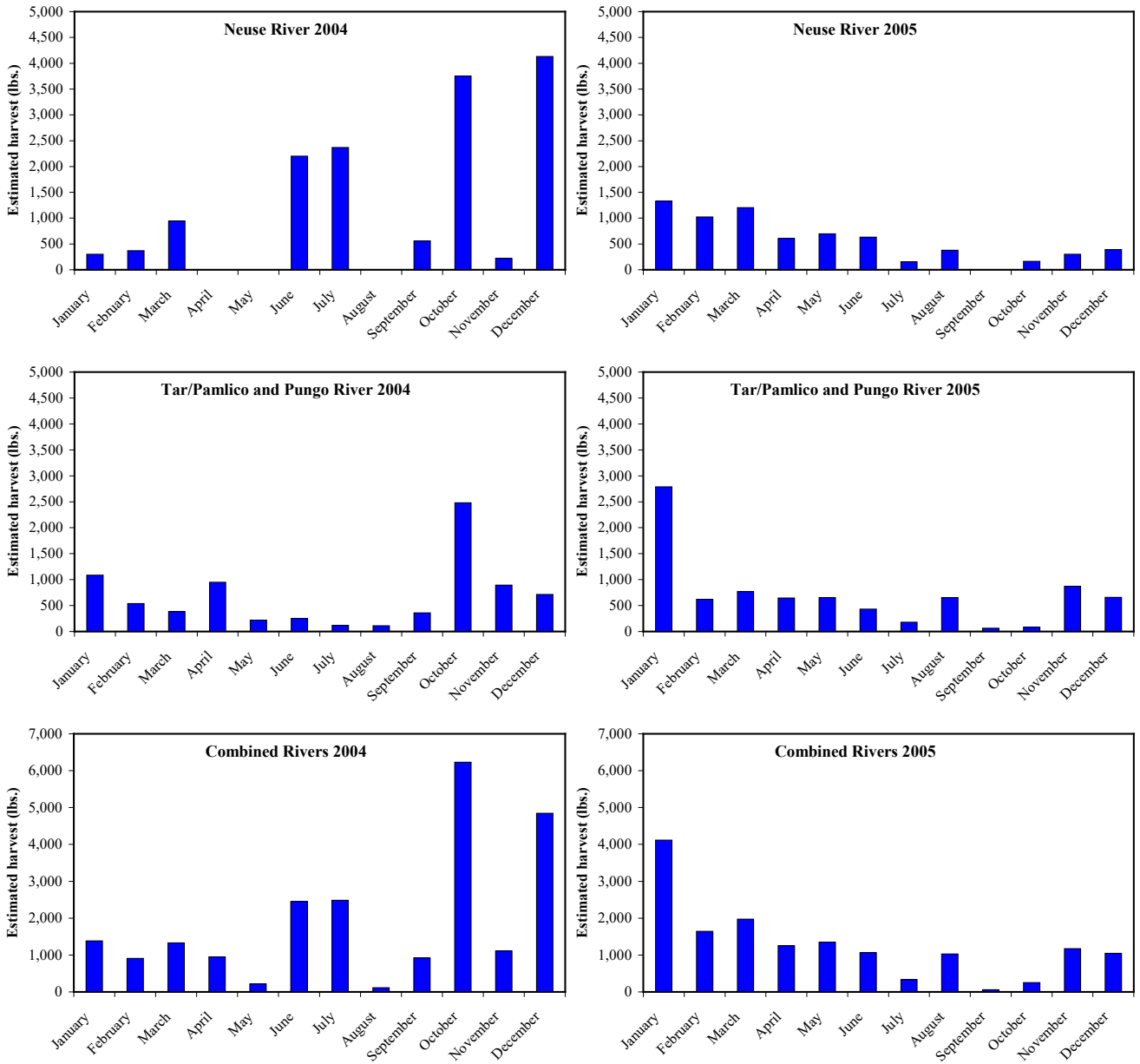


Figure 92. Estimated harvest in pounds by river, month, and year, 2004-2005.

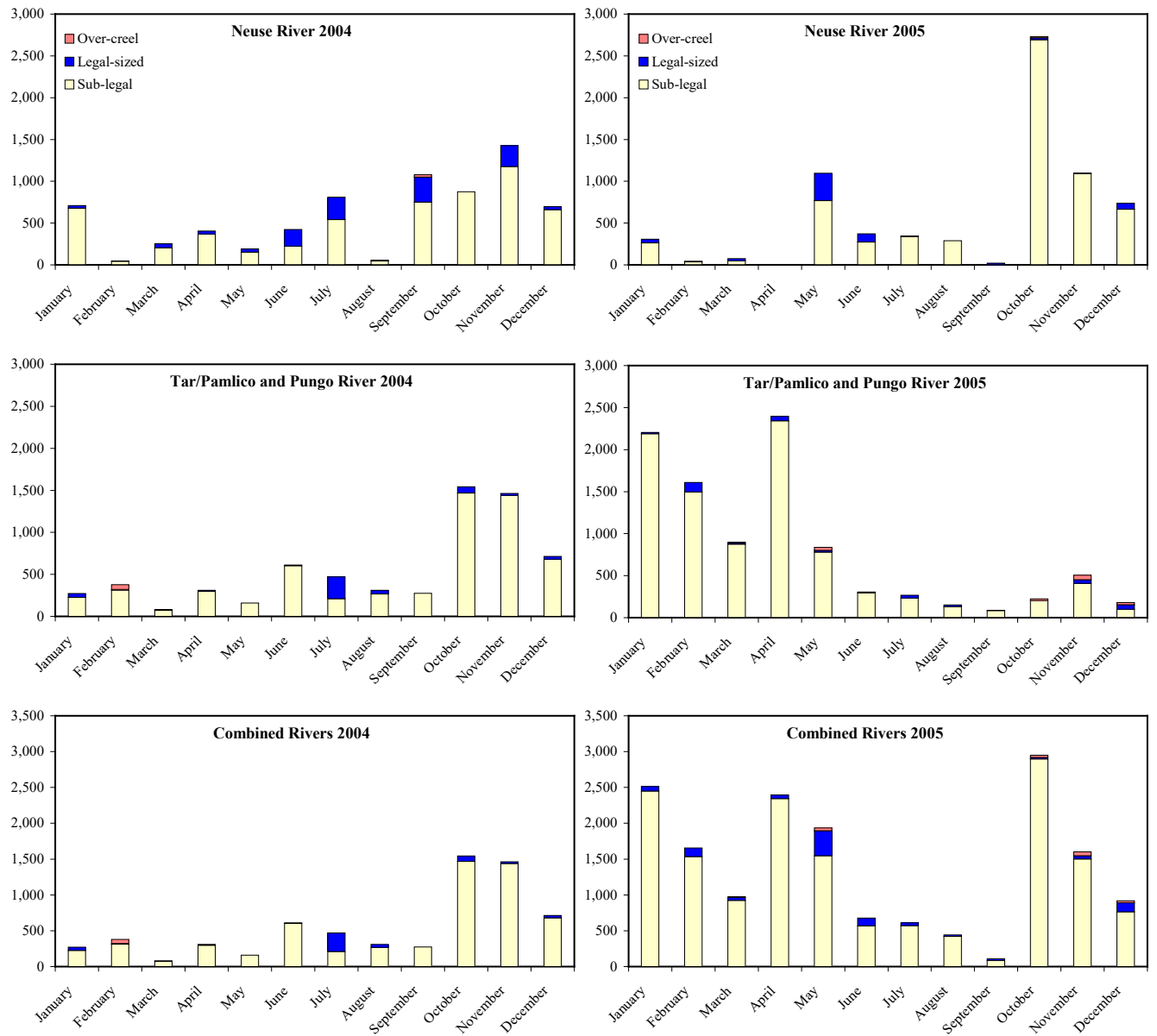


Figure 93. Estimated total number of discards by river, month, and year, 2004-2005.

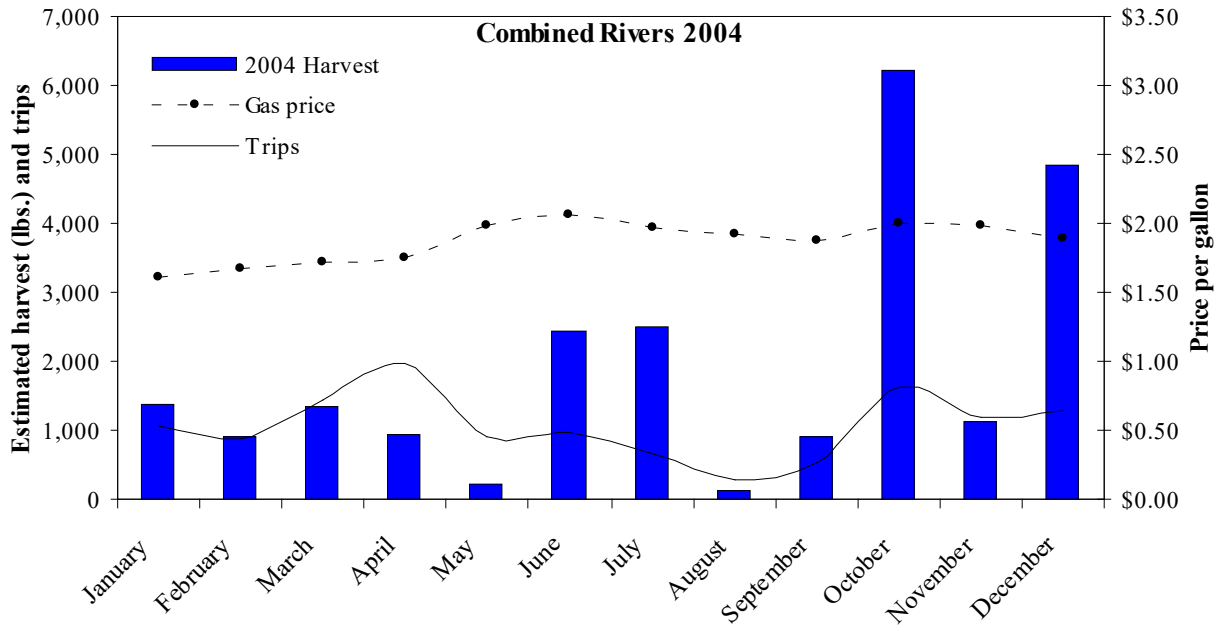


Figure 94. Estimated striped bass harvest, angler trips, and average gas prices, 2004.

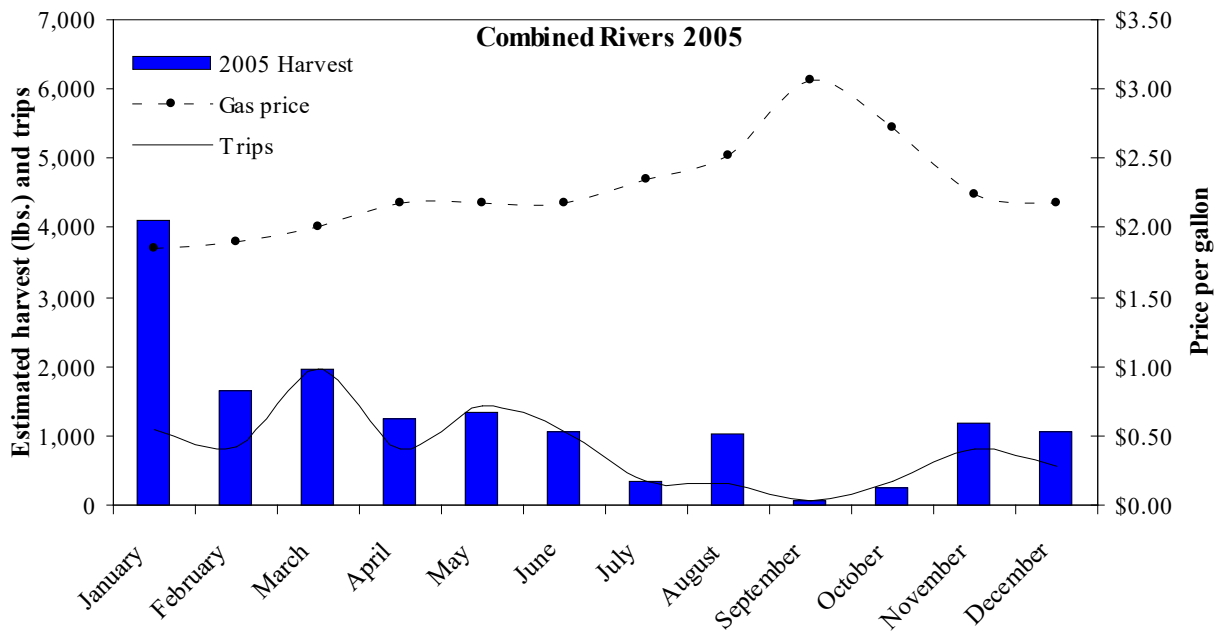


Figure 95. Estimated striped bass harvest, angler trips, and average gas prices, 2005.

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 9. REFUSAL

7. TIME FISHING BEGAN 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?

<u>THROW BACKS</u>	SPECIES CODE	DISP	# OF FISH	
1 _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input 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)
2 _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	
3 _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	
4 _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	
5 _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	

AVAILABLE CATCH, COMPLETE TYPE 3 RECORD BY ASKING: May I look at your fish?

<u>KEPT</u>	SPECIES CODE	# OF FISH	LENGTH (mm)	WEIGHT (kg)
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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

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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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