



Marine Fisheries  
ENVIRONMENTAL QUALITY

# North Carolina Division of Marine Fisheries 2016 ANNUAL REPORT

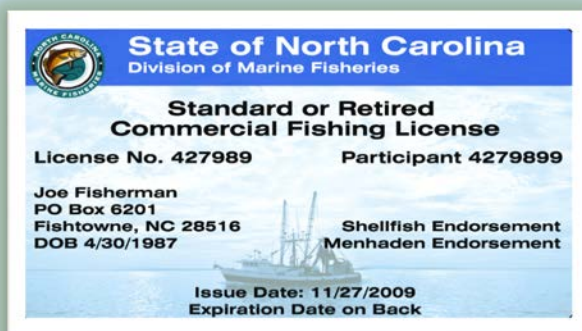
## LICENSE & STATISTICS SECTION



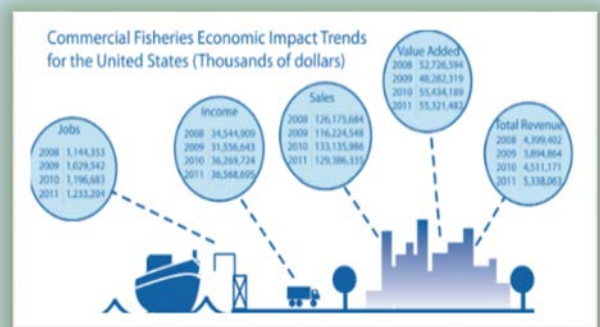
Commercial Fishery  
Statistics



Recreational Fishery  
Statistics



License Sales



Fishery Economics

NORTH CAROLINA  
LICENSE AND STATISTICS SECTION  
SUMMARY STATISTICS  
OF  
LICENSE AND PERMIT PROGRAM  
COMMERCIAL TRIP TICKET PROGRAM  
NC MARINE RECREATIONAL INFORMATION PROGRAM  
STRIPED BASS CREEL SURVEY IN THE CENTRAL  
AND SOUTHERN MANAGEMENT AREA  
NC RECREATIONAL SALTWATER ACTIVITY MAIL SURVEY  
FISHERIES ECONOMICS PROGRAM

Prepared By:

North Carolina Division of Marine Fisheries

License and Statistics Section

November 19, 2016



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Gabriel Albanese	Chuck Davis	Carolyn Piner
Jon Anglemyer	Susanne Day	Brandon Rice
Melissa Anglemyer	Michael Donaldon	Carter Ricks
Renee Baker*	Brenda Grogan	Joey Roberts*
Rene Basnight	John Hadley*	Amy Ruegsegger
Alan Bianchi	Brenda Harris	Cheryl Russell
Jesse Bisette	William Hartman	Brandi Salmon
Mitchell Blake	Nicholas Harvey	Pam Simmons
Ann Bordeaux-Nixon	Don Hesselman*	Scott Smith
Anna Branch	Kim Hewitt	Mechelle Stone
Martin Brill	Wanda Jacobs	Sarah Toppen*
Bobby Buck	Jack Holland*	Dennis Trowell
Kelly Bullock	Grace Kemp	Dallis Tucker
Roz Camp	Lang Kimbrough	Andrew Valmassoi
Andrew Cathey	Lara Klibansky	Ashleigh Wayland
Carol Charles	Dean Leffelman	Chris Wilson
Brenda Clark	Stephanie McInerny	James Woolard
Wes Collett	Brian Melott	Mary Alice Young
Shane Crissy	Doug Mumford	John Zuaboni
Connie Collins*	Austin Parker	Pamela Zuaboni
David Daniel*	Ann Pierce	

\*Employee no longer works  
for DMF

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## **LICENSE AND STATISTICS SECTION OVERVIEW**

### **Introduction**

The North Carolina Division of Marine Fisheries (NCDMF) is responsible for the stewardship of the state's marine and estuarine resources. The division's jurisdiction encompasses all coastal waters and extends to 3 miles offshore. NCDMF's mission is to ensure sustainable marine and estuarine fisheries and habitats for the benefit and health of the people of North Carolina. The NCDMF is comprised of nine sections that collectively carry out this mission.

The License and Statistics Section collects, processes, and conducts analyses on commercial and recreational fisheries data, license data, and social and economic impacts, and is responsible for the sale of fishing licenses and issuance of agency permits at all NCDMF offices. This section also administers the Marine Fisheries Commission's license eligibility process.

The section is made up of the following programs:

- License Program
- Commercial Statistics Program
- Coastal Angling Program
- Fishery Economics Program

The License and Statistics Section consists of about 60 employees; 37 permanent employees and varying numbers of temporary employees depending on funding and current project schedules. Employees are funded by appropriations, commercial license sale receipts, and federal grant moneys.

### **Section Mission**

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

### **Annual Report Purpose**

This document provides summaries of commercial landings and recreational harvest data as well as commercial and recreational 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 North Carolina Division of Marine Fisheries (NCDMF). It must be noted to take caution when averaging the landings data for both commercial and recreational statistics over large periods of time because of changes in management over time and changes in data collection methods. Creating such an average may not indicate the true characteristics of the fishery. These factors should be taken into account when trying to determine such summaries.

This is the eleventh year that recreational and commercial landings and 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 Section Chief, License and Statistics Section, P.O. Box 769, Morehead City, NC 28557, (252) 726-7021 or (800) 682-2632, via e-mail [Stephanie McInerny@ncdenr.gov](mailto:Stephanie.McInerny@ncdenr.gov), and on the NCDMF website at <http://www.ncmarinefisheries.net>.



## Chapter I: LICENSE AND PERMIT PROGRAM AND STATISTICS

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## **PROGRAM NARRATIVE**

The License Program issues licenses and permits 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. A variety of survey data are also collected at the time of license and permit issuance. License Program staff are involved in verifying information collected and the generation of reports used for fishery management and compliance purposes.

The NCDMF License Program issues approximately 25,000 commercial licenses, recreational licenses, and issuable permits, annually. This number does not include the thousands of North Carolina Wildlife Resources Commission (NCWRC) products sold at NCDMF offices each year including Coastal Recreational Fishing Licenses and state vessel registrations. The vast majority of products issued by NCDMF are valid based on fiscal year (or license year). A fiscal year runs from July 1 to June 30 of each year. Peak sales occur between April and July.

The License Program operates in the NCDMF Headquarters Office in Morehead City as well as NCDMF regional and satellite offices in Wilmington, Washington, Elizabeth City, and Manteo. There are 10 permanent employees in the License Program, half of which work at NCDMF Headquarters. Regional and satellite offices are minimally staffed by employees designated as traditional license clerks but license sales are covered in times of need by staff from other License and Statistics programs and some Fisheries Management staff.

### **Types of Licenses**

#### **Standard Commercial Fishing License (SCFL)**

The SCFL allows fishermen to harvest and sell fish, shrimp, crabs, or any marine species, except menhaden captured by purse seine and molluscan shellfish. To harvest shellfish, fishermen must obtain a shellfish endorsement to the SCFL. The Shellfish Endorsement includes harvest of scallops, clams, oysters, and mussels in North Carolina waters. Only individual North Carolina residents are eligible for this endorsement.

*Previously, a Menhaden Endorsement was available but since 2013, harvesting of menhaden by purses seines with one or more runner boats and mother ship is no longer allowed in state waters.*

The SCFL is a 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 or can be transferred.

### **Retired Standard Commercial Fishing License (RSCFL)**

The RSCFL allows fishermen over the age of 65 to harvest and sell fish, shrimp, crabs, or any marine species, except shellfish. To harvest shellfish, fishermen must obtain a shellfish endorsement to the RSCFL. The Shellfish Endorsement includes harvest of scallops, clams, conchs, whelks, oysters, and mussels in North Carolina waters.

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 licenses that can be issued within the state. The cap is set at 8,896 SCFL/RSCFL licenses. 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 a SCFL or RSCFL to eligible fishermen. More information on the requirements of the Eligibility Pool can be found under the following rule: 15A NCAC 03O .0400.

### **Shellfish License**

This license allows the commercial harvest and sale of shellfish only. The Shellfish License holder does not need a SCFL or RSCFL to harvest and sell commercial quantities of shellfish if harvested by hand. Shellfish includes scallops, clams, conchs, whelks, oysters, and mussels. This license is only available to N.C. residents.

### **Commercial Fishing Vessel Registration (CFVR)**

This 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, or Shellfish License. The CFVR decal must be adhered to the port side of the vessel. The registration can be transferred. There is also a for-hire endorsement available on the CFVR. The for-hire endorsement signifies that the vessel is licensed to be used in a for-hire operation by a properly licensed captain. In general, individuals who obtain a For-Hire Captains license and use more than one vessel should register their vessels with a CFVR and a for-hire endorsement. See the section in this document pertaining to blanket and non-blanket for-hire licenses for more information on for-hire licensing.

### **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, or Recreational Fishing Tournament License to Sell Fish. The dealer can only deal in each category designated (i.e., finfish, crab, etc.) on the license. 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, or Land or Sell License. A person who buys fish for resale from a licensed Fish Dealer does not need to buy a Fish Dealer 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 than that where the 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 of sale, bill of lading) 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 an 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; an appropriate Fish Dealer License must be purchased for that authority.

The license must be displayed at each location for public viewing. Beginning with fiscal year 2015, this license was combined with the CRFL Blanket Pier License and eliminates the need for anglers fishing from the pier to have an individual CRFL.

### **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., requires a CFVR).

*N.C. legislature made it unlawful to fish for menhaden with a mother ship and multiple purse boats in coastal waters in 2013 so this license was discontinued.*

### **Land or Sell License**

This license is available to an owner or master of a vessel not home ported in N.C. who fishes beyond the state's territorial ocean waters further than 3 miles from shore 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. It was used strictly for the menhaden purse seine fishery which, since 2013, is illegal in state waters.

### **Coastal Recreational Fishing License (CRFL)**

This license is required to recreationally harvest finfish in the state's coastal waters, which include sounds, coastal rivers and tributaries, and out to three miles in the ocean. This license is also required to possess fish within state waters that were caught greater than three miles in the ocean.

The CRFL is issued by the NCWRC sales agents such as bait and tackle shops, online, by phone, and at NCDMF license offices. There are a multitude of different licenses available, all of them valid from date of purchase (i.e., not on the calendar or fiscal year). A CRFL is not required to recreationally harvest crabs, clams, shrimp, and oysters. The license was first implemented on January 1, 2007.

### **For-Hire Licenses**

Blanket licenses allow anglers fishing aboard licensed for-hire vessels or on licensed ocean piers to fish without having an individual CRFL. There are two blanket for-hire licenses (Captain's and Vessel) that are designed for charter, guide, and headboats that can be purchased for fewer than six passengers or more than six passengers.

The Blanket For-Hire Captain's License, available only to U.S. Coast Guard licensed captains, allows the holder to operate any state licensed for-hire vessel in a for-hire operation. The Blanket For-Hire Vessel License allows any US Coast Guard licensed captain to operate the licensed vessel in a for-hire operation. There is also a low-cost Non-Blanket For-Hire Vessel License intended for for-hire operators who do not wish to cover the licensing privileges of their anglers. If fishing aboard a vessel with a non-blanket license, the individual must hold a CRFL.

### **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.

### **Blocks of 10 Ten-Day Coastal Recreational Fishing Licenses**

This license allows vessel owners to issue ten-day Coastal Recreational Fishing Licenses to anglers aboard their vessel so that the angler does not have to purchase his/her own license. Each license is valid for ten consecutive days. The vessel owner is required to return used and unused licenses to NCDMF, which allows NCDMF to remain in compliance with federal saltwater angler registration requirements. Information about the angler is collected for each license used.

### **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 NCDMF staff review the application and may stipulate conditions on use of the permit. All reviewable permits except the CRFL Exemption permit are issued by other sections within NCDMF.

Permits described below include only those issued by the NCDMF License Program and include both current and past permits.



### **Atlantic Ocean Striped Bass Commercial Gear Permit**

This permit is required to harvest striped bass from the Atlantic Ocean by gill net, trawl, or beach seine. The permit was established to aid managing the striped bass fishery by limiting participation and setting appropriate quotas.

### **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 (this permit was eliminated in FY15)
- 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

These permits allow the NCDMF to monitor fisheries under a quota or allocation scheme and a licensed dealer to possess, sell, or offer for sale designated fish within the specified limits from commercial fishermen. These specific limits are established by rule or proclamation. 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 obtain a permit for each location. There are no reporting requirements associated with this permit.

### **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.

### **For Hire Fishing Permit**

*The For-Hire Fishing permit was eliminated effective June 30, 2014 and replaced by the Non-Blanket For-Hire Vessel License.*

### **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 Browns Inlet to Rich's 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.

### **Monkfish Large Mesh Gill Net Permit**

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

### **Pamlico Sound Gill Net Restricted Area Permit (PSGNRA)**

*The PSGNRA permit was discontinued in September 2014.*

### **CRFL Exemption Permit**

Individuals or organizations seeking exemption from the saltwater fishing license requirements may apply for a Coastal Recreational Fishing License (CRFL) Exemption Permit. The permit can only be issued for an event held solely for participation by individuals with physical/mental limitations, for military appreciation events, for educational purposes, or for events such as Take-A-Kid-Fishing that are directed toward assisting disadvantaged youth.

This is a reviewable permit and must be reviewed thoroughly by NCDMF staff before it is issued.

### **River Herring Discretionary Permit**

This permit was required to harvest river herring from the joint fishing waters of the Chowan River during the discretionary harvest season. The discretionary harvest season was established when the N.C. Marine Fisheries Commission elected to impose a moratorium on the harvest of river herring. The short 4-day discretionary harvest was intended to alleviate the hardship imposed on traditional river herring festivals. The season was usually open just before Easter Monday to coincide with the Jamesville Herring Festival.

*This permit was discontinued in July 2014.*

**Estuarine Gill Net Permit**

The Estuarine Gill Net Permit became effective on September 1, 2014. It is required for any anchored small or large mesh gill net fishing operation in internal coastal waters. The permit is a requirement of the federal incidental take permits for sea turtles and Atlantic sturgeon. A condition of the incidental take permits is to maintain certain levels of observer coverage statewide. The Estuarine Gill Net Permit requires fishermen to provide an active phone number where they can be reached to schedule observer trips so that NCDMF can maintain the observer coverage needed to stay in compliance with the incidental take permits.

## Licenses/Permits Issued

NOTE: Fiscal Year (for example: FY2016 = July 1, 2015 – June 30, 2016). Calendar year (Jan 1 – Dec 31) is presented if not noted as fiscal year. More detailed information can be located in other statistical reports. Data are derived from the Fisheries Information Network (FIN) database, except where noted.

**Table 1. Number of commercial licenses and permits issued by fiscal year.**

Fiscal Year	Number of Licenses Issued
2016	28,688
2015	29,435
2014	28,205
2013	28,261
2012	29,163
2011	30,287
2010	30,101
2009	29,915
2008	28,944
2007	29,475
2006	29,479
2005	30,266
2004	30,934
2003	30,234
2002	30,519
2001	30,145
2000	28,633

**Table 2. Number and type of commercial licenses sold or issued by fiscal year.**

Fiscal Year	Standard Commercial Fishing	Retired Standard Commercial Fishing	Shellfish for NC Residents	Commercial Fishing Vessel Registration	Land or Sell	Fish Dealer	Tournament	Land Flounder <sup>1</sup>	Ocean Pier	Spotter Plane	Menhaden for NonResidents	Total
2016	5,142	1,323	1,110	7,775	102	713	19	157	20	0		16,361
2015	5,402	1,230	1,319	8,103	114	737	17	157	20	0		17,099
2014	5,494	1,191	1,428	8,284	83	761	16	157	19	0		17,433
2013	5,535	1,159	1,712	8,337	88	780	16	160	20	0		17,807
2012	5,640	1,121	1,771	8,575	72	786	25	151	19	8	10	18,178
2011	5,747	1,070	2,150	8,799	83	832	17	148	21	10	12	18,889
2010	5,547	1,104	2,001	8,916	117	834	17	143	19	9	10	18,717
2009	5,868	959	2,129	9,088	143	788	22	141	20	9	10	19,177
2008	5,947	912	1,706	8,846	104	738	32	147	20	9	10	18,471
2007	6,053	853	1,626	8,831	110	756	30	140	20	9	11	18,439
2006	6,171	787	1,529	8,801	117	769	29	136	24	9	11	18,383
2005	6,301	754	1,623	9,020	144	832	41	136	25	10	12	18,898
2004	6,421	754	1,835	9,260	87	872	39	131	26	10	10	19,445
2003	6,505	727	2,131	9,455	91	874	30	138	26	11	10	19,998
2002	6,632	676	2,304	9,472	59	844	31	133	25	11	10	20,197
2001	6,783	630	2,176	9,457	53	836	25	132	25	14	10	20,141
2000	6,990	515	2,098	8,943	64	850	30	132	25	15	14	19,676

<sup>1</sup>The number of licenses to land flounder is based on the number of unique license numbers. The total number of valid licenses is only 143.

**Table 3. Number of Standard Commercial Fishing Licenses (SCFL), Endorsements, and Assignments issued by fiscal year.**

Fiscal Year	Number of Licenses	Shellfish Endorsement	Menhaden Endorsement	Assignments
2016	5,142	4,708	0	783
2015	5,402	4,948	0	804
2014	5,494	5,045	0	798
2013	5,535	5,072	0	766
2012	5,640	5,331	2	779
2011	5,747	5,433	0	832
2010	5,547	5,438	1	867
2009	5,868	5,507	0	870
2008	5,947	5,572	0	805
2007	6,053	5,669	0	780
2006	6,171	5,752	2	703
2005	6,301	5,484	5	783
2004	6,421	5,923	5	734
2003	6,505	5,984	6	736
2002	6,632	6,092	6	671
2001	6,783	6,191	6	585
2000	6,990	6,481	5	547

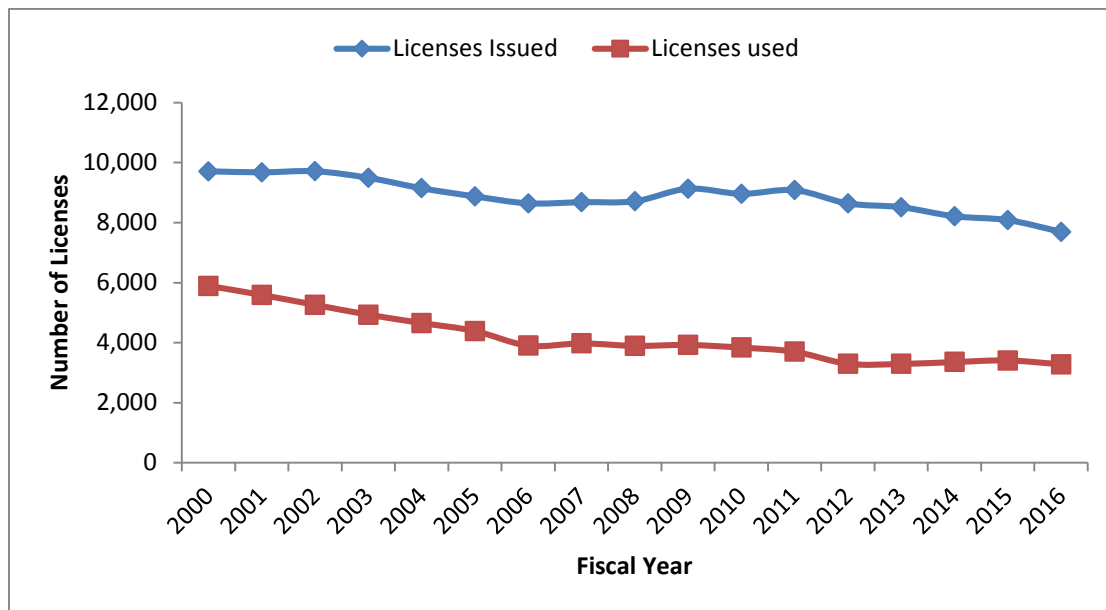
**Table 4. Number of Retired Standard Commercial Fishing Licenses (RSCFL) and Endorsements issued by fiscal year.**

Fiscal Year	Number of Licenses	Shellfish Endorsement	Menhaden Endorsement
2016	1,323	1,283	0
2015	1,230	1,192	0
2014	1,191	1,166	0
2013	1,159	1,131	0
2012	1,121	1,120	0
2011	1,070	1,070	0
2010	1,104	1,015	0
2009	959	951	0
2008	912	900	0
2007	853	836	0
2006	787	771	0
2005	754	742	0
2004	754	733	0
2003	727	704	0
2002	676	656	0
2001	630	601	0
2000	515	480	0

**Table 5. Total number of licenses with selling privileges<sup>1</sup> issued by fiscal year, the number of those licenses reported on trip tickets, and the number of individual participants using those licenses.**

Year	FISCAL YEAR			CALENDAR YEAR
	Licenses Issued	Licenses Used	Participants (FY)	Participants (CY)
2016	7,695	3,281	3,025	N/A
2015	8,085	3,409	3,202	3,134
2014	8,212	3,356	3,132	3,173
2013	8,515	3,292	3,058	3,152
2012	8,641	3,297	3,099	3,170
2011	9,082	3,700	3,471	3,244
2010	8,960	3,837	3,633	3,598
2009	9,130	3,924	3,696	3,757
2008	8,713	3,895	3,650	3,665
2007	8,682	3,977	3,717	3,742
2006	8,644	3,903	3,642	3,607
2005	8,875	4,389	4,091	3,168
2004	9,146	4,656	4,356	4,262
2003	9,494	4,933	4,610	4,355
2002	9,712	5,260	4,892	4,694
2001	9,677	5,590	5,174	5,081
2000	9,711	5,892	4,764	5,034

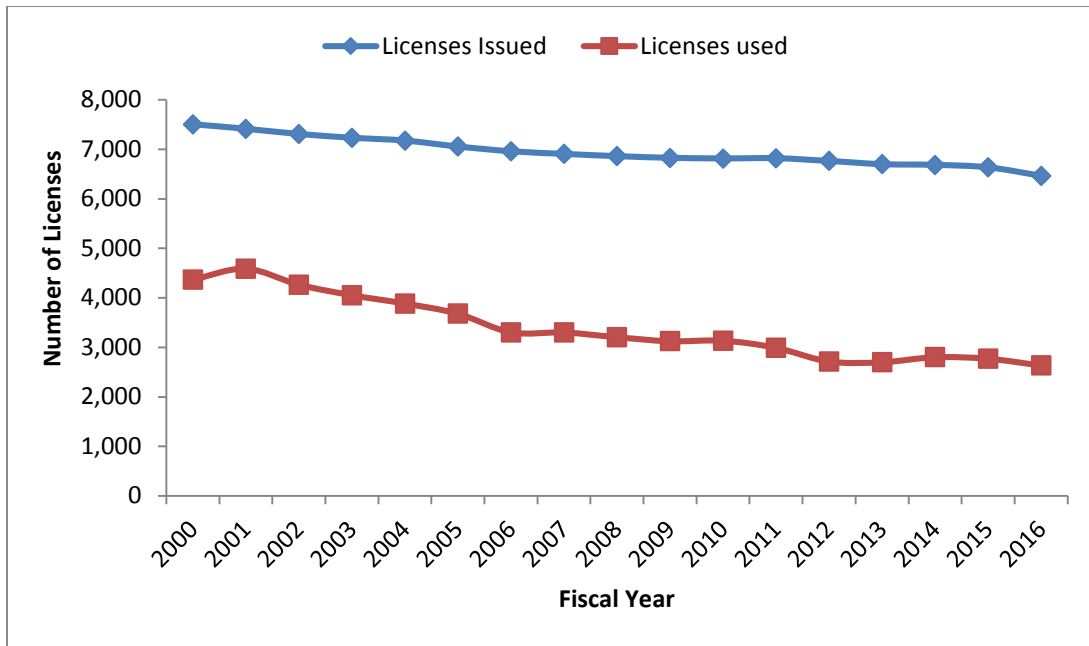
<sup>1</sup> Licenses with selling privileges include SCFL, RSCFL, Shellfish, Land or Sell, Tournament, Endorsement to Sell, and Menhaden for Non-Residents.



**Figure 1. Total number of licenses with selling privileges issued and used by fiscal year.**

**Table 6. Annual number of SCFLs and RSCFLs issued by fiscal year, the number of those licenses reported on trip tickets, and the number of individual participants using those licenses.**

Year	FISCAL YEAR			CALENDAR YEAR
	Licenses Issued	Licenses Used	Participants (FY)	Participants (CY)
2016	6,465	2,636	2,492	N/A
2015	6,635	2,772	2,635	2,557
2014	6,685	2,803	2,648	2,618
2013	6,699	2,701	2,538	2,633
2012	6,764	2,716	2,567	2,594
2011	6,819	2,993	2,819	2,621
2010	6,815	3,136	2,983	2,887
2009	6,827	3,125	2,954	3,002
2008	6,861	3,207	3,013	2,965
2007	6,906	3,302	3,102	3,044
2006	6,959	3,305	3,103	3,012
2005	7,055	3,681	3,447	2,735
2004	7,175	3,886	3,663	3,562
2003	7,232	4,054	3,823	3,594
2002	7,308	4,266	3,977	3,835
2001	7,413	4,588	4,274	4,069
2000	7,504	4,367	4,009	4,208



**Figure 2. Annual number of SCFLs and RSCFLs issued and used per fiscal year.**



**Table 7. Number of licenses available in the SCFL Eligibility Pool at the end of each fiscal year.**

Fiscal Year	Number of Licenses Available*
2016 <sup>1</sup>	2,417
2015	1,238
2014	1,257
2013	1,368
2012	1,354
2011	1,375
2010	1,420
2009	1,559
2008	1,557
2007	1,596
2006	1,536
2005	1,423
2004	1,421
2003	1,458
2002	1,423
2001	1,314
2000	500

SCFL/RSCFL cap = 8,896  
<sup>1</sup>Calculation change in 2016

**Table 8. Number of Commercial Fishing Vessel Registrations (CFVR) issued by vessel length category and fiscal year.**

Fiscal Year	0-18 ft.	>18 to 38 ft.	>38 to 50 ft.	>50 ft.	Total
2016	3,460	3,850	234	231	7,775
2015	3,753	3,900	218	232	8,103
2014	3,896	3,946	207	235	8,284
2013	3,866	4,009	218	244	8,337
2012	3,949	4,130	234	262	8,575
2011	4,015	4,224	264	296	8,799
2010	4,030	4,311	282	293	8,916
2009	4,120	4,363	289	316	9,088
2008	4,003	4,249	286	308	8,846
2007	4,013	4,221	295	302	8,831
2006	3,967	4,241	304	289	8,801
2005	4,078	4,332	304	306	9,020
2004	4,328	4,311	303	318	9,260
2003	4,489	4,333	309	324	9,455
2002	4,584	4,262	314	312	9,472
2001	4,650	4,191	300	316	9,457
2000	4,361	4,003	298	281	8,943

**Table 9. Number of license transfers by license type by fiscal year.**

Fiscal Year	SCFL	RSCFL	CFVR	Flounder	Total
2016	381	80	49	26	536
2015	430	94	50	22	596
2014	391	96	62	26	575
2013	339	78	61	30	508
2012	381	80	65	32	558
2011	375	75	97	37	584
2010	417	86	106	46	655
2009	418	87	131	26	662
2008	443	76	115	40	674
2007	465	73	111	28	677
2006	488	69	92	24	673
2005	500	76	122	23	721
2004	494	65	150	29	738
2003	489	48	153	25	715
2002	489	43	127	17	676
2001	630	64	220	27	941
2000	788	39	192	15	1,034

**Table 10. Number of Ocean Fishing Pier Licenses issued by fiscal year with length range and average.**

Fiscal Year	Number of Licenses <sup>1</sup>	Length Range (ft) <sup>1</sup>	Average Length (ft)
2016	20	245 - 991	665
2015	20	245 - 919	674
2014	19	245 - 919	664
2013	20	245 - 919	667
2012	19	245 - 919	676
2011	21	245 - 919	671
2010	19	245 - 919	671
2009	20	245 - 919	656
2008	20	245 - 919	651
2007	20	378 - 1,019	700
2006	24	30 - 1,019	691
2005	25	30 - 1,019	701
2004	26	30 - 1,019	683
2003	26	30 - 1,019	683
2002	25	30 - 1,019	686
2001	25	30 - 1,019	686
2000	25	30 - 1,019	686

<sup>1</sup> Length data provided are derived from hard copy data reports.

**Table 11. Number of Fish Dealer Licenses and number of Fish Dealer license categories by fiscal year.**

Fiscal Year	Number of Licenses	Category <sup>1</sup>							
		Finfish	Shrimp	Crab	Oyster	Scallop	Clam	Menhaden Dehydrate	Consolidated
2016	713	432	319	344	154	18	84	0	29
2015	737	475	311	358	162	21	93	1	34
2014	791	484	344	349	165	24	98	0	33
2013	780	496	355	337	169	23	93	0	36
2012	786	505	356	345	174	18	97	0	32
2011	832	515	379	371	169	26	83	0	35
2010	834	532	374	356	147	26	76	1	34
2009	788	494	340	330	134	40	73	1	35
2008	738	466	327	309	133	21	77	1	34
2007	756	478	344	331	122	21	74	0	34
2006	769	467	334	352	112	27	72	0	41
2005	832	511	380	370	108	27	69	1	41
2004	872	504	374	345	131	33	82	1	70
2003	874	498	383	334	145	31	82	1	74
2002	844	497	352	361	142	35	83	1	66
2001	836	492	339	365	139	28	79	1	72
2000	850	508	338	378	139	28	76	1	64

<sup>1</sup> Summing categories will not equal Number of licenses. One license can have multiple categories listed.

**Table 12. Number of Recreational Commercial Gear (RCGL) Licenses sold by fiscal year.**

Fiscal Year	Number of Licenses Sold
2016	2,875
2015	3,799
2014	4,408
2013	4,720
2012	4,881
2011	4,985
2010	5,447
2009	5,266
2008	5,097
2007	5,123
2006	5,362
2005	5,653
2004	5,868
2003	6,157
2002	6,300
2001	6,202
2000	6,726

Note: RCGLs were created by DMF and sold through the WRC Alvin system.

**Table 13. Number of permits issued by fiscal year.**

Fiscal year	Striped Bass Dealer	Black Sea Bass Dealer	Spiny Dogfish Dealer	River Herring Dealer	Atlantic Ocean Flounder Dealer	Shad Dealer <sup>1</sup>	Blue Crab Shedding	Estuarine Gill Net Permit	TED Waiver	Pamlico Sound Gillnet Restricted Area <sup>2</sup>	For Hire Fishing	Monkfish Gillnet	Atlantic Ocean Striped Bass Commercial Gear	Total
2016	82	23	30	10	21		268	2,897	0		0	9	455	3,795
2015	85	26	33	15	26		268	2,674	0	4	0	8	407	3,546
2014	92	26	32	16	25		279		0	147	97	9	638	1,361
2013	84	25	31	15	23		268		0	177	157	8	674	1,462
2012	84	27	32	19	26		287		0	167	188	9	751	1,590
2011	99	29	33	22	27		293		0	174	186	7	844	1,714
2010	98	29	31	21	24		302		0	157	164	10	780	1,616
2009	90	25	27	20	25		300		1	153	164	15		820
2008	88	24	26	17	24		305		0	136	148	14		782
2007	100	24	26	36	26		314		2	138	750	13		1,429
2006	100	24	22	37	26		330		12	144	787	15		1,497
2005	102	26	24	43	28	2	338		15	153	757			1,488
2004	108	27	27	44	31	31	349		22	158	711			1,508
2003	106			49	39	37	353		26	161				771
2002	98			47	41	38	370		16	230				840
2001	96			44	42	37	318		0					537

<sup>1</sup> Ocean Shad fishery eliminated in 2005.

<sup>2</sup>The Pamlico Sound gill Net Restricted Area permit was discontinued in September 2014.

**Table 14. Number of Striped Bass Dealer Permits (total and by validation area) issued by fiscal year.**

Fiscal Year	Total	ASMA	Central	Southern	Ocean
2016	82	51	39	39	44
2015	85	45	43	43	52
2014	92	44	47	47	56
2013	84	43	38	38	54
2012	84	45	42	42	60
2011	99	53	39	39	64
2010	98	64	38	38	74
2009	90	53	42	42	68
2008	88	50	40	40	64
2007	100	47	54	54	72
2006	100	49	53	53	65
2005	102	48	57	55	73
2004	108	51	55	14	59
2003	106	58	56	6	49
2002	98	55	58	10	51
2001	96	58	64	15	46

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

**Table 15. Number of River Herring Discretionary Permits issued by fiscal year.**

Fiscal Year	Number of Permits	Number of Active Participants
2016	0	0
2015	27	0
2014	27	6
2013	12	12
2012	32	10
2011	23	16
2010	30	16
2009	27	14
2008	13	9
2007	15	11

NOTE: This permit was discontinued in FY 2015.

**Table 16. Number of For-Hire Fishing Permits and number of permits that have associated commercial fishing licenses by fiscal year.**

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
2015 <sup>1</sup>	0	0	0	0	0
2014	184	82	3	3	81
2013	146	72	2	4	68
2012	188	83	5	1	94
2011	186	82	4	4	85
2010	164	80	4	1	85
2009	164	22	1	4	24
2008	148	71	6	1	78
2007 July–Dec	750	358	12	2	451
2006	787	365	13	6	465
2005	757	349	13	5	446
2004	711	319	12	8	382

NOTE: The CRFL blanket license for For-Hire vessels changed the demand for the For-Hire permit during fiscal year 2007. If an operator has the blanket CRFL license, then no permit is needed. If the operator chooses not to obtain a blanket CRFL license, then he must obtain a For-Hire permit.

<sup>1</sup> The For-Hire Fishing permit was discontinued on June 30, 2014 as part of the restructuring of the for-hire license system.

**Table 17. Number of For-Hire Blanket Fishing Licenses and number with associated commercial licenses by fiscal year.**

Fiscal Year	Number of Licenses	Number of Licenses with SCFL	Number of Licenses with RSCFL	Number of Licenses with Shellfish Licenses	Number of Licenses with CFVR
2015 <sup>1</sup>	0	0	0	0	0
2014	597	257	24	5	253
2013	481	236	16	2	227
2012	576	243	10	10	219
2011	650	248	11	3	211
2010	631	238	4	6	221
2009	612	263	9	1	237
2008	653	273	5	6	251

<sup>1</sup> The For-Hire Blanket Fishing license was discontinued on June 30, 2014 as part of the restructuring of the for-hire license system.

**Table 18. Number of For-Hire Blanket Vessel licenses and number with associated commercial licenses.**

Fiscal Year	Number of Licenses	Number of Licenses with SCFL	Number of Licenses with RSCFL	Number of Licenses with Shellfish Licenses	Number of Licenses with CFVR
2016	484	166	20	3	166
2015	420	160	16	7	147

**Table 19. Number of For-Hire Non-Blanket Vessel licenses and number with associated commercial licenses.**

Fiscal Year	Number of Licenses	Number of Licenses with SCFL	Number of Licenses with RSCFL	Number of Licenses with Shellfish Licenses	Number of Licenses with CFVR
2016	129	45	2	0	46
2015	113	44	2	1	45

**Table 20. Number of For-Hire Blanket Captains licenses and number with associated commercial licenses.**

Fiscal Year	Number of Licenses	Number of Licenses with SCFL	Number of Licenses with RSCFL	Number of Licenses with Shellfish Licenses	Number of Licenses with CFVR
2016	118	70	2	0	105
2015	106	60	2	0	93

**Table 21. Number of For-Hire Blanket Vessel Licenses issued by fiscal year and by passenger capacity.**

Fiscal Year	Six or Fewer Passengers	More than Six Passengers	Total
2016	460	24	484
2015	394	26	420
2014	177	8	185
2013	515	44	559
2012	527	45	572
2011	590	60	650
2010	580	51	631
2009	554	58	612
2008	588	65	653
2007	577	70	647

NOTE: There was a major restructuring of all for-hire licenses in 2014, part of which was a change from annual effective dates from day of sale to fiscal year (July 1 to June 30) effective dates. Existing for-hire licenses were provided extensions to adjust to this shift in effective dates. For this reason, sales figures were affected and should not be used to compare to previous years.

**Table 22. Number of Coastal Recreational Fishing License (CRFL) Exemption Permits issued by fiscal year.**

Fiscal Year	Applications	Approved	Denied
2016	28	26	2
2015	22	21	1
2014	19	19	0
2013	17	16	1
2012	15	14	1
2011	15	14	1
2010	17	17	0
2009	17	17	0
2008	23	21	2



**Table 23. Distribution of North Carolina Coastal Recreational Fishing License (CRFL) sales by type of license and residency classification.**

Year	Type of License	Residence Classification				Year Total
		Resident of NC	Nonresident	Military stationed in NC	Student at NC School	
2015	10 Day CRFL - Nonresident	541	143,381	68	8	143,998
	10 Day CRFL - Resident	46,669	75	1,868	57	48,669
	Annual CRFL - Nonresident	251	20,191	8	3	20,453
	Annual CRFL - Resident	118,921	55	5,949	87	125,012
	Annual Inland Fishing/CRFL - Subsistence Waiver	41,293	2	12	2	41,309
	Annual Unified Inland Fishing/CRFL	33,010	23	1,047	33	34,113
	Annual Unified Sportsman with CRFL	42,742	16	918	16	43,692
	Lifetime CRFL - Adult NC Resident	215	0	0	0	215
	Lifetime CRFL - Adult Nonresident	0	10	0	0	10
	Lifetime CRFL - Age 65	857	1	0	0	870
	Lifetime CRFL - Disabled Veteran	53	8	0	0	61
	Lifetime CRFL - Infant	596	0	0	0	596
	Lifetime CRFL - Totally Disabled	61	9	0	0	70
	Lifetime CRFL - Youth	6,842	2	0	0	6,849
	Lifetime Unified Inland Fishing/CRFL	6,651	2	3	0	6,656
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	375	0	1	0	376
	Lifetime Unified Inland Fishing/CRFL - Blind	262	0	0	0	262
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	103	0	0	0	103
	Lifetime Unified Sportsman with CRFL - Adult Resident	0	12	0	0	12
	Lifetime Unified Sportsman with CRFL - Age 65	1,061	2	6	1	1,070
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	879	1	26	1	907
	Lifetime Unified Sportsman with CRFL - Infant	4,418	140	1	0	4,559
	Lifetime Unified Sportsman with CRFL - Totally Disabled	449	0	0	0	449
	Lifetime Unified Sportsman with CRFL - Youth	519	22	0	0	541
	<b>Year Total</b>	<b>306,768</b>	<b>163,952</b>	<b>9,924</b>	<b>208</b>	<b>480,852</b>

**Table 23. Distribution of North Carolina Coastal Recreational Fishing License (CRFL) sales by type of license and residency classification (*continued*).**

Year	Type of License	Residence Classification				Year Total
		Resident of NC	Nonresident	Military stationed in NC	Student at NC School	
2014	10 Day CRFL - Nonresident	635	144,980	91	12	145,718
	10 Day CRFL - Resident	48,615	96	1,659	69	50,439
	Annual CRFL - Nonresident	389	19,467	13	3	19,872
	Annual CRFL - Resident	124,388	110	6,374	116	130,988
	Annual Inland Fishing/CRFL - Subsistence Waiver	38,880	3	11	1	38,895
	Annual Unified Inland Fishing/CRFL	31,307	40	1,233	46	32,626
	Annual Unified Sportsman with CRFL	43,773	25	1,064	11	44,873
	Lifetime CRFL - Adult NC Resident	193	1	1	0	195
	Lifetime CRFL - Adult Nonresident	0	13	0	0	13
	Lifetime CRFL - Age 65	3,980	1	4	0	3,985
	Lifetime CRFL - Disabled Veteran	741	0	19	0	760
	Lifetime CRFL - Infant	76	3	0	0	79
	Lifetime CRFL - Totally Disabled	651	0	0	0	651
	Lifetime CRFL - Youth	56	0	0	0	56
	Lifetime Unified Inland Fishing/CRFL	271	0	0	1	272
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	365	0	0	0	365
	Lifetime Unified Inland Fishing/CRFL - Blind	81	0	0	0	81
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	0	21	0	0	21
	Lifetime Unified Sportsman with CRFL - Adult Resident	1,007	5	4	0	1,016
	Lifetime Unified Sportsman with CRFL - Age 65	3,105	1	0	0	3,106
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	768	3	38	1	810
	Lifetime Unified Sportsman with CRFL - Infant	3,982	137	0	0	4,119
	Lifetime Unified Sportsman with CRFL - Totally Disabled	410	0	2	0	412
	Lifetime Unified Sportsman with CRFL - Youth	507	20	0	0	527
	<b>Year Total</b>	<b>304,180</b>	<b>164,926</b>	<b>10,513</b>	<b>260</b>	<b>479,879</b>

**Table 23. Distribution of North Carolina Coastal Recreational Fishing License (CRFL) sales by type of license and residency classification (continued).**

Year	Type of License	Residence Classification				Year Total
		Resident of NC	Nonresident	Military stationed in NC	Student at NC School	
2013	10 Day CRFL - Nonresident	1,017	141,729	128	22	142,896
	10 Day CRFL - Resident	48,836	185	1,220	68	50,309
	Annual CRFL - Nonresident	718	18,668	29	8	19,423
	Annual CRFL - Resident	127,033	270	5,717	100	133,120
	Annual Inland Fishing/CRFL - Subsistence Waiver	36,662	7	8	2	36,679
	Annual Unified Inland Fishing/CRFL	28,460	83	946	41	29,530
	Annual Unified Sportsman with CRFL	44,446	78	1,055	9	45,588
	Lifetime CRFL - Adult NC Resident	178	0	0	0	178
	Lifetime CRFL - Adult Nonresident	0	12	0	0	12
	Lifetime CRFL - Age 65	7,269	7	2	0	7,278
	Lifetime CRFL - Disabled Veteran	679	0	23	0	702
	Lifetime CRFL - Infant	69	11	0	0	80
	Lifetime CRFL - Totally Disabled	658	0	0	0	658
	Lifetime CRFL - Youth	41	12	0	0	53
	Lifetime Unified Inland Fishing/CRFL	266	2	0	0	268
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	409	0	0	0	409
	Lifetime Unified Inland Fishing/CRFL - Blind	115	0	0	0	115
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	1	19	0	0	20
	Lifetime Unified Sportsman with CRFL - Adult Resident	744	2	5	0	751
	Lifetime Unified Sportsman with CRFL - Age 65	6,528	4	1	0	6,533
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	722	3	37	1	763
	Lifetime Unified Sportsman with CRFL - Infant	3,517	111	0	1	3,629
	Lifetime Unified Sportsman with CRFL - Totally Disabled	456	0	1	0	457
	Lifetime Unified Sportsman with CRFL - Youth	529	20	0	0	549
	<b>Year Total</b>	<b>309,353</b>	<b>161,223</b>	<b>9,172</b>	<b>252</b>	<b>480,000</b>

**Table 23. Distribution of North Carolina Coastal Recreational Fishing License (CRFL) sales by type of license and residency classification (continued).**

Year	Type of License	Residence Classification				Year Total
		Resident of NC	Nonresident	Military stationed in NC	Student at NC School	
2012	10 Day CRFL - Nonresident	1,199	135,410	194	18	136,821
	10 Day CRFL - Resident	45,910	216	954	56	47,136
	Annual CRFL - Nonresident	858	17,696	42	5	18,601
	Annual CRFL - Resident	125,986	431	5,362	83	131,862
	Annual Inland Fishing/CRFL - Subsistence Waiver	34,790	11	6	3	34,810
	Annual Unified Inland Fishing/CRFL	26,314	104	768	34	27,220
	Annual Unified Sportsman with CRFL	41,634	129	883	8	42,654
	Lifetime CRFL - Adult NC Resident	185	1	0	0	186
	Lifetime CRFL - Adult Nonresident	0	13	0	0	13
	Lifetime CRFL - Age 65	7,319	9	2	0	7,330
	Lifetime CRFL - Disabled Veteran	664	0	17	0	681
	Lifetime CRFL - Infant	55	6	0	0	61
	Lifetime CRFL - Totally Disabled	707	0	1	0	708
	Lifetime CRFL - Youth	44	3	0	0	47
	Lifetime Unified Inland Fishing/CRFL	200	0	0	0	200
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	435	0	0	0	435
	Lifetime Unified Inland Fishing/CRFL - Blind	120	0	0	0	120
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	1	21	0	0	22
	Lifetime Unified Sportsman with CRFL - Adult Resident	569	6	2	0	577
	Lifetime Unified Sportsman with CRFL - Age 65	6,038	7	0	0	6,045
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	500	4	14	0	518
	Lifetime Unified Sportsman with CRFL - Infant	3,327	78	1	0	3,406
	Lifetime Unified Sportsman with CRFL - Totally Disabled	407	2	2	0	411
	Lifetime Unified Sportsman with CRFL - Youth	420	12	0	1	433
	Year Total	297,682	154,159	8,248	208	460,297

**Table 24. Distribution of North Carolina CRFL sales by collapsed license group with group components.**

Year	Type of License/Collapsed	Type of License	Number	Percent of License Group
2015	10-Day License	10 Day CRFL - Nonresident	143,998	74.7
		10 Day CRFL - Resident	48,669	25.3
		All	192,667	100.0
	Annual License	Annual CRFL - Nonresident	20,453	7.7
		Annual CRFL - Resident	125,012	47.2
		Annual Inland Fishing/CRFL - Subsistence Waiver	41,309	15.6
		Annual Unified Inland Fishing/CRFL	34,113	12.9
		Annual Unified Sportsman with CRFL	43,692	16.5
		All	264,579	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	215	0.9
		Lifetime CRFL - Adult Nonresident	10	0.0
		Lifetime CRFL - Age 65	870	3.7
		Lifetime CRFL - Disabled Veteran	61	0.3
		Lifetime CRFL - Infant	596	2.5
		Lifetime CRFL - Totally Disabled	70	0.3
		Lifetime CRFL - Youth	6,849	29.0
		Lifetime Unified Inland Fishing/CRFL	6,656	28.2
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	376	1.6
		Lifetime Unified Inland Fishing/CRFL - Blind	262	1.1
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	103	0.4
Lifetime Unified Sportsman with CRFL - Adult Resident		12	0.1	
Lifetime Unified Sportsman with CRFL - Age 65		1,070	4.5	
Lifetime Unified Sportsman with CRFL - Disabled Veteran		907	3.8	
Lifetime Unified Sportsman with CRFL - Infant		4,559	19.3	
Lifetime Unified Sportsman with CRFL - Totally Disabled		449	1.9	
Lifetime Unified Sportsman with CRFL - Youth		541	2.3	
All	23,606	100.0		

**Table 24. Distribution of North Carolina CRFL sales by collapsed license group with group components (continued).**

Year	Type of License/Collapsed	Type of License	Number	Percent of License Group
2014	10-Day License	10 Day CRFL - Nonresident	145,718	74.3
		10 Day CRFL - Resident	50,439	25.7
		All	196,157	100.0
	Annual License	Annual CRFL - Nonresident	19,872	7.4
		Annual CRFL - Resident	130,988	49.0
		Annual Inland Fishing/CRFL - Subsistence Waiver	38,895	14.6
		Annual Unified Inland Fishing/CRFL	32,626	12.2
		Annual Unified Sportsman with CRFL	44,873	16.8
		All	267,254	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	195	0.9
		Lifetime CRFL - Adult Nonresident	13	0.1
		Lifetime CRFL - Age 65	3,985	17.4
		Lifetime CRFL - Disabled Veteran	760	3.3
		Lifetime CRFL - Infant	79	0.3
		Lifetime CRFL - Totally Disabled	651	2.8
		Lifetime CRFL - Youth	56	0.2
		Lifetime Senior CRFL	3,224	14.1
		Lifetime Senior Unified Sportsman with CRFL	3,184	13.9
		Lifetime Unified Inland Fishing/CRFL	272	1.2
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	365	1.6
		Lifetime Unified Inland Fishing/CRFL - Blind	81	0.4
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	21	0.1
		Lifetime Unified Sportsman with CRFL - Adult Resident	1,016	4.4
		Lifetime Unified Sportsman with CRFL - Age 65	3,106	13.6
		Lifetime Unified Sportsman with CRFL - Disabled Veteran	810	3.5
		Lifetime Unified Sportsman with CRFL - Infant	4,119	18.0
	Lifetime Unified Sportsman with CRFL - Totally Disabled	412	1.8	
	Lifetime Unified Sportsman with CRFL - Youth	527	2.3	
	All	22,876	100.0	

**Table 24. Distribution of North Carolina CRFL sales by collapsed license group with group components (continued).**

Year	Type of License/Collapsed	Type of License	Number	Percent of License Group
2013	10-Day License	10 Day CRFL - Nonresident	142,896	74.0
		10 Day CRFL - Resident	50,309	26.0
		All	193,205	100.0
	Annual License	Annual CRFL - Nonresident	19,423	7.3
		Annual CRFL - Resident	133,120	50.4
		Annual Inland Fishing/CRFL - Subsistence Waiver	36,679	13.9
		Annual Unified Inland Fishing/CRFL	29,530	11.2
		Annual Unified Sportsman with CRFL	45,588	17.2
		All	264,340	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	178	0.8
		Lifetime CRFL - Adult Nonresident	12	0.1
		Lifetime CRFL - Age 65	7,278	32.4
		Lifetime CRFL - Disabled Veteran	702	3.1
		Lifetime CRFL - Infant	80	0.4
		Lifetime CRFL - Totally Disabled	658	2.9
		Lifetime CRFL - Youth	53	0.2
		Lifetime Unified Inland Fishing/CRFL	268	1.2
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	409	1.8
		Lifetime Unified Inland Fishing/CRFL - Blind	115	0.5
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	20	0.1
		Lifetime Unified Sportsman with CRFL - Adult Resident	751	3.3
		Lifetime Unified Sportsman with CRFL - Age 65	6,533	29.1
Lifetime Unified Sportsman with CRFL - Disabled Veteran		763	3.4	
Lifetime Unified Sportsman with CRFL - Infant		3,629	16.2	
Lifetime Unified Sportsman with CRFL - Totally Disabled	457	2.0		
Lifetime Unified Sportsman with CRFL - Youth	549	2.4		
All	22,455	100.0		

**Table 24. Distribution of North Carolina CRFL sales by collapsed license group with group components (continued).**

Year	Type of License/Collapsed	Type of License	Number	Percent of License Group
2012	10-Day License	10 Day CRFL - Nonresident	136,821	74.4
		10 Day CRFL - Resident	47,136	25.6
		All	183,957	100.0
	Annual License	Annual CRFL - Nonresident	18,601	7.3
		Annual CRFL - Resident	131,862	51.7
		Annual Inland Fishing/CRFL - Subsistence Waiver	34,810	13.6
		Annual Unified Inland Fishing/CRFL	27,220	10.7
		Annual Unified Sportsman with CRFL	42,654	16.7
		All	255,147	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	186	0.9
		Lifetime CRFL - Adult Nonresident	13	0.1
		Lifetime CRFL - Age 65	7,330	34.6
		Lifetime CRFL - Disabled Veteran	681	3.2
		Lifetime CRFL - Infant	61	0.3
		Lifetime CRFL - Totally Disabled	708	3.3
		Lifetime CRFL - Youth	47	0.2
		Lifetime Unified Inland Fishing/CRFL	200	0.9
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	435	2.1
		Lifetime Unified Inland Fishing/CRFL - Blind	120	0.6
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	22	0.1
		Lifetime Unified Sportsman with CRFL - Adult Resident	577	2.7
		Lifetime Unified Sportsman with CRFL - Age 65	6,045	28.5
		Lifetime Unified Sportsman with CRFL - Disabled Veteran	518	2.4
		Lifetime Unified Sportsman with CRFL - Infant	3,406	16.1
		Lifetime Unified Sportsman with CRFL - Totally Disabled	411	1.9
	Lifetime Unified Sportsman with CRFL - Youth	433	2.0	
	All	21,193	100.0	



**Table 25. Distribution of CRFL sales by age group and residency type.**

Age Group	Resident of NC		Nonresident		Military stationed in NC		Student at NC School		All	
	Num	%	Num	%	Num	%	Num	%	Num	%
<b>2015</b>										
Under 16	2,491	1.1	83	0.1	1	0.0	0	0	2,575	0.8
16 through 25	30,910	13.7	9,299	12.4	1,701	39.2	122	79.7	42,032	13.8
26 through 35	39,684	17.6	12,479	16.7	1,696	39.1	26	17.0	53,885	17.7
36 through 45	45,380	20.1	14,242	19.1	707	16.3	5	3.3	60,334	19.8
46 through 55	53,017	23.5	16,270	21.8	208	4.8	0	0	69,495	22.8
56 through 65	46,893	20.8	14,129	18.9	24	0.6	0	0	61,046	20.0
66 through 75	6,633	2.9	7,056	9.4	4	2.0	0	0	13,693	4.5
76 through 85	609	0.3	1,126	1.5	1	0.0	0	0	1,736	0.6
Greater than 85	73	0.0	79	0.1	0	0	0	0	152	0.1
<b>2014</b>										
Under 16	2,364	1.0	71	0.1	1	0.0	0	0	2,436	0.8
16 through 25	32,428	14.1	9,579	12.4	2,019	42.2	153	81.4	44,179	14.1
26 through 35	40,004	17.4	12,736	16.4	1,808	37.8	31	16.5	54,579	17.5
36 through 45	47,281	20.5	15,144	19.5	751	15.7	2	1.1	63,178	20.2
46 through 55	54,979	20.4	14,751	19.0	29	0.6	2	1.1	61,848	19.8
56 through 65	46,148	2.8	7,007	9.0	4	0.1	0	0	13,416	4.3
66 through 75	6,382	0.3	1,092	1.4	0	0	0	0	1,759	0.6
76 through 85	562	0.0	76	0.1	0	0	0	0	154	0.1
Greater than 85	38	<0.1	65	0.1	0	0	0	0	103	0.0
<b>2013</b>										
Under 16	2,182	1.0	64	0.1	1	0.0	2	1.1	2,249	0.7
16 through 25	32,668	14.3	9,271	12.2	1,952	44.0	150	79.8	44,041	14.2
26 through 35	39,801	17.4	12,709	16.7	1,667	37.5	26	13.8	54,203	17.5
36 through 45	47,414	20.7	15,057	19.8	631	14.2	8	4.3	63,110	20.4
46 through 55	53,979	23.6	16,956	22.3	159	3.6	2	1.1	71,096	23.0
56 through 65	46,148	20.1	14,321	18.9	29	0.7	0	0	60,498	19.5
66 through 75	6,382	2.8	6,449	8.5	2	0.1	0	0	12,833	4.1
76 through 85	562	0.3	1,081	1.4	0	0	0	0	1,643	0.5
Greater than 85	38	0.0	66	0.1	0	0	0	0	104	0.0
<b>2012</b>										
Under 16	1,869	0.9	67	0.1	1	0.0	1	0.7	1,938	0.7
16 through 25	30,556	13.9	8,502	11.9	1,966	47.2	118	80.8	41,142	13.9
26 through 35	38,335	17.4	11,790	16.5	1,512	36.3	18	12.3	51,655	17.5
36 through 45	46,101	20.9	14,514	20.3	536	12.9	7	4.8	61,158	20.7
46 through 55	52,640	23.9	16,557	23.2	125	3.0	2	1.4	69,324	23.4
56 through 65	44,633	20.3	13,517	18.9	25	0.6	0	0	58,175	19.7
66 through 75	5,361	2.4	5,437	7.6	3	0.1	0	0	10,801	3.7
76 through 85	589	0.3	914	1.3	1	0.0	0	0	1,504	0.5
Greater than 85	58	0.0	73	0.1	0	0	0	0	131	0.0

**Table 26. Number of CRFLs sold by county of residence.**

County of License Holder	2015		2014		2013		2012	
	Num	%	Num	%	Num	%	Num	%
Alamance	4,410	0.92	4,432	0.91	4,277	0.89	4,222	0.92
Alexander	837	0.17	888	0.18	837	0.17	802	0.17
Alleghany	233	0.05	190	0.04	187	0.04	185	0.04
Anson	691	0.14	647	0.13	659	0.14	598	0.13
Ashe	456	0.09	482	0.10	503	0.10	381	0.08
Avery	228	0.05	246	0.05	250	0.05	221	0.05
Beaufort	5,786	1.20	6,025	1.24	6,272	1.31	6,041	1.31
Bertie	1,659	0.35	1,793	0.37	1,775	0.37	1,746	0.38
Bladen	1,785	0.37	1,932	0.40	1,984	0.41	1,834	0.40
Brunswick	10,779	2.24	11,268	2.32	11,649	2.43	11,040	2.40
Buncombe	2,074	0.43	2,096	0.43	2,093	0.44	1,973	0.43
Burke	2,056	0.43	1,853	0.38	1,780	0.37	1,689	0.37
Cabarrus	3,575	0.74	3,487	0.72	3,323	0.69	3,081	0.67
Caldwell	2,577	0.54	2,509	0.52	2,639	0.55	3,027	0.66
Camden	827	0.17	845	0.17	892	0.19	799	0.17
Carteret	10,426	2.17	10,995	2.26	11,567	2.41	11,381	2.47
Caswell	718	0.15	641	0.13	666	0.14	627	0.14
Catawba	3,465	0.72	3,494	0.72	3,280	0.68	3,197	0.69
Chatham	1,976	0.41	1,932	0.40	2,021	0.42	1,819	0.40
Cherokee	249	0.05	228	0.05	247	0.05	208	0.05
Chowan	1,494	0.31	1,613	0.33	1,736	0.36	1,715	0.37
Clay	186	0.04	98	0.02	116	0.02	144	0.03
Cleveland	1,802	0.37	1,863	0.38	1,834	0.38	1,783	0.39
Columbus	2,871	0.60	2,956	0.61	3,017	0.63	3,015	0.66
Craven	9,633	2.00	9,846	2.02	10,155	2.12	9,640	2.09
Cumberland	7,783	1.62	7,687	1.58	7,677	1.60	7,253	1.58
Currituck	2,048	0.43	2,088	0.43	2,155	0.45	2,054	0.45
Dare	5,953	1.24	6,310	1.30	6,648	1.39	6,437	1.40
Davidson	5,573	1.16	5,558	1.14	5,571	1.16	5,164	1.12
Davie	1,380	0.29	1,376	0.28	1,351	0.28	1,276	0.28
Duplin	3,841	0.80	3,824	0.79	3,870	0.81	3,537	0.77
Durham	4,235	0.88	4,574	0.94	4,092	0.85	3,898	0.85
Edgecombe	2,412	0.50	2,368	0.49	2,360	0.49	2,317	0.50
Forsyth	6,936	1.44	7,068	1.45	6,779	1.41	6,296	1.37
Franklin	1,996	0.42	1,921	0.40	1,947	0.41	1,807	0.39
Gaston	5,143	1.07	4,526	0.93	4,572	0.95	4,778	1.04
Gates	548	0.11	527	0.11	574	0.12	597	0.13
Graham	101	0.02	111	0.02	90	0.02	124	0.03
Granville	1,482	0.31	1,487	0.31	1,476	0.31	1,303	0.28
Greene	1,174	0.24	1,167	0.24	1,158	0.24	1,141	0.25
Guilford	8,700	1.81	8,834	1.82	8,767	1.83	8,359	1.82
Halifax	1,760	0.37	1,834	0.38	1,754	0.37	1,656	0.36
Harnett	4,042	0.84	4,163	0.86	4,083	0.85	4,060	0.88
Haywood	561	0.12	544	0.11	477	0.10	429	0.09
Henderson	820	0.17	722	0.15	686	0.14	676	0.15
Hertford	1,069	0.22	1,133	0.23	1,152	0.24	1,100	0.24
Hoke	1,578	0.33	1,530	0.31	1,536	0.32	1,509	0.33
Hyde	905	0.19	987	0.20	1,060	0.22	999	0.22

**Table 26. Number of CRFLs sold by county of residence (continued).**

County of License Holder	2015		2014		2013		2012	
	Num	%	Num	%	Num	%	Num	%
Iredell	2,849	0.59	2,884	0.59	2,769	0.58	2,548	0.55
Jackson	291	0.06	257	0.05	243	0.05	252	0.05
Johnston	9,075	1.89	9,152	1.88	8,990	1.87	8,585	1.87
Jones	1,077	0.22	1,142	0.23	1,126	0.23	1,048	0.23
Lee	1,827	0.38	1,802	0.37	1,697	0.35	1,651	0.36
Lenoir	3,960	0.82	3,956	0.81	3,914	0.82	3,956	0.86
Lincoln	1,892	0.39	1,826	0.38	1,812	0.38	1,727	0.38
Macon	244	0.05	242	0.05	246	0.05	203	0.04
Madison	190	0.04	223	0.05	193	0.04	160	0.03
Martin	2,038	0.42	2,034	0.42	2,086	0.43	2,130	0.46
McDowell	825	0.17	856	0.18	731	0.15	828	0.18
Mecklenburg	8,140	1.69	8,201	1.69	7,764	1.62	7,209	1.57
Mitchell	194	0.04	151	0.03	156	0.03	156	0.03
Montgomery	717	0.15	777	0.16	751	0.16	725	0.16
Moore	2,348	0.49	2,299	0.47	2,271	0.47	2,157	0.47
Nash	3,810	0.79	3,868	0.80	3,803	0.79	3,751	0.81
New Hanover	15,904	3.31	16,407	3.37	16,646	3.47	16,682	3.62
Northampton	815	0.17	896	0.18	874	0.18	865	0.19
Out of State	167,502	34.83	168,049	34.55	164,263	34.22	156,931	34.09
Onslow	18,356	3.82	18,661	3.84	17,401	3.63	16,576	3.60
Orange	2,874	0.60	2,903	0.60	2,866	0.60	2,644	0.57
Pamlico	1,764	0.37	1,917	0.39	2,028	0.42	1,948	0.42
Pasquotank	2,221	0.46	2,281	0.47	2,411	0.50	2,322	0.50
Pender	5,766	1.20	5,893	1.21	5,743	1.20	5,689	1.24
Perquimans	1,170	0.24	1,261	0.26	1,315	0.27	1,282	0.28
Person	988	0.21	980	0.20	973	0.20	957	0.21
Pitt	9,104	1.89	9,248	1.90	9,525	1.98	9,310	2.02
Polk	174	0.04	204	0.04	177	0.04	156	0.03
Randolph	4,583	0.95	4,646	0.96	4,574	0.95	4,239	0.92
Richmond	1,410	0.29	1,412	0.29	1,497	0.31	1,353	0.29
Robeson	4,735	0.98	4,947	1.02	4,886	1.02	4,954	1.08
Rockingham	1,991	0.41	2,075	0.43	1,899	0.40	1,789	0.39
Rowan	4,803	1.00	4,974	1.02	4,882	1.02	4,434	0.96
Rutherford	950	0.20	956	0.20	984	0.21	793	0.17
Sampson	3,372	0.70	3,476	0.71	3,470	0.72	3,336	0.72
Scotland	1,078	0.22	1,187	0.24	1,115	0.23	1,066	0.23
Stanly	2,069	0.43	2,047	0.42	2,046	0.43	2,049	0.45
Stokes	1,585	0.33	1,561	0.32	1,563	0.33	1,439	0.31
Surry	1,685	0.35	1,563	0.32	1,394	0.29	1,313	0.29
Swain	132	0.03	126	0.03	129	0.03	126	0.03
Transylvania	297	0.06	306	0.06	267	0.06	230	0.05
Tyrrell	505	0.11	583	0.12	612	0.13	603	0.13
Union	3,576	0.74	3,736	0.77	3,519	0.73	3,117	0.68
Vance	1,277	0.27	1,221	0.25	1,214	0.25	1,236	0.27
Wake	23,836	4.97	23,545	4.91	22,220	4.83	21,650	4.93
Warren	614	0.13	605	0.13	593	0.13	545	0.12
Washington	1,623	0.34	1,772	0.37	1,710	0.37	1,611	0.37
Vance	1,198	0.25	1,228	0.26	1,244	0.27	1,179	0.27

**Table 26. Number of CRFLs sold by county of residence (continued).**

County of License Holder	2015		2014		2013		2012	
	Num	%	Num	%	Num	%	Num	%
Wake	23,568	4.90	24,094	4.95	23,465	4.89	22,123	4.81
Warren	693	0.14	626	0.13	605	0.13	592	0.13
Washington	1,565	0.33	1,641	0.34	1,771	0.37	1,705	0.37
Watauga	675	0.14	670	0.14	688	0.14	664	0.14
Wayne	6,183	1.29	6,304	1.30	6,089	1.27	6,043	1.31
Wilkes	1,268	0.26	1,266	0.26	1,244	0.26	1,181	0.26
Wilson	4,499	0.94	4,425	0.91	4,351	0.91	4,270	0.93
Yadkin	1,210	0.25	1,187	0.24	1,159	0.24	1,089	0.24
Yancey	195	0.04	190	0.04	209	0.04	167	0.04
All	480,852	100.00	486,287	100.00	480,000	100.00	460,297	100.00

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## PROGRAM NARRATIVE

This chapter of the document contains commercial fishery landings for North Carolina from 1950 to 2015. 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 (NCDMF) for inclusion in this document. From 1978 to 1993, data were obtained via a NMFS/NCDMF 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 although not all dealers surveyed were willing to be involved. Second, these data were not obtained at the trip level. Trip level data allow the analyst to provide fisheries managers with effort data not available at the monthly summary level.

The North Carolina legislature mandated trip level reporting of all commercial fishery landings by licensed dealers 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 NCDMF on a monthly basis. The program currently allows dealers to submit either paper or electronic trip ticket reports.

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 to 2015 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 300 three-digit species codes of finfish and shellfish obtained via trip tickets. 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 1,100 individual trip ticket codes 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 fishery 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.

All ex-vessel value data included in this book were obtained by monthly surveys of dealers or from dealers who voluntarily supply price data through the Trip Ticket Program. The NCDMF does not mandate dealers to supply price information. Prices voluntarily supplied are usually on a price per pound basis, but may also be price per unit (e.g. 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 NCDMF confidentiality policy states that if the data are derived from fewer than three fishermen, vessels, and/or dealers then the data are confidential and cannot be distributed outside the NCDMF. 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, there is only one waterbody recorded per trip (Appendix 1). 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. A fisherman can record up to three gears per trip. 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 timely data while ensuring that all data are as accurate as possible. To ensure accuracy, 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 NCDMF. 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 Trip Ticket Coordinator, License and Statistics Section, Division of Marine Fisheries at (252) 726-7021 or via e-mail at [Alan.Bianchi@ncdenr.gov](mailto:Alan.Bianchi@ncdenr.gov). Summary of North Carolina commercial landings data are also available on the NCDMF website at <http://www.ncmarinefisheries.net/> and via the Atlantic Coastal Cooperative Statistics Program website at [www.ACCSP.org](http://www.ACCSP.org).

## CONTACTS

The commercial trip ticket program and statistics are administered by the North Carolina Division of Marine Fisheries, Morehead City Headquarters Office. For additional information regarding data requests, quota monitoring or the trip ticket program please consider the list below.

North Carolina Division of Marine Fisheries  
Trip Ticket Coordinator  
Alan Bianchi  
3441 Arendell St  
Morehead City, NC 28557  
800-682-2632  
[Alan.Bianchi@ncdenr.gov](mailto:Alan.Bianchi@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Quota Monitoring/Electronic Trip Ticket Software  
Grace Kemp  
3441 Arendell St  
Morehead City, NC 28557  
800-682-2632  
[Grace.Kemp@ncdenr.gov](mailto:Grace.Kemp@ncdenr.gov)

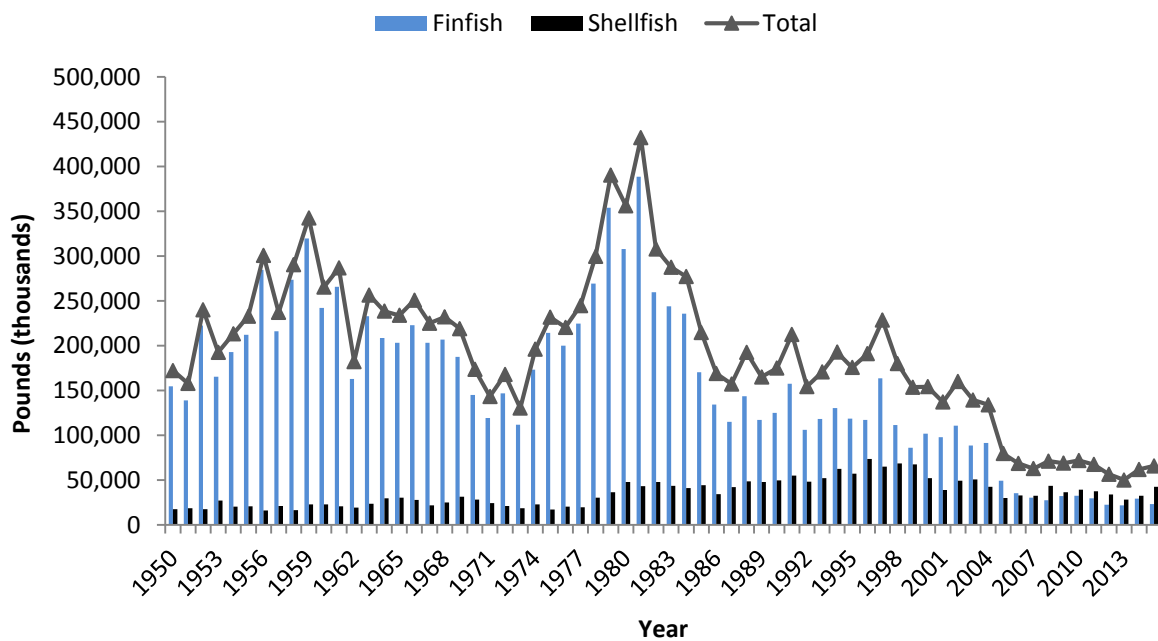
North Carolina Division of Marine Fisheries  
Trip Ticket Port Agent Supervisor  
Scott Smith  
3441 Arendell St  
Morehead City, NC 28557  
800-682-2632  
[Scott.Smith@ncdenr.gov](mailto:Scott.Smith@ncdenr.gov)

**Table 27. Commercial landings of finfish and shellfish.**

Year	Finfish		Shellfish		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
2015	23,294,080	\$32,396,194	42,660,843	\$62,324,531	65,954,924	\$94,720,724
2014	29,456,169	\$36,992,735	32,509,063	\$52,862,816	61,965,232	\$89,855,552
2013	22,003,432	\$29,821,167	28,194,084	\$49,283,890	50,197,517	\$79,105,058
2012	22,734,334	\$31,016,802	33,956,601	\$41,554,318	56,690,935	\$72,571,121
2011	29,739,093	\$31,278,533	37,762,921	\$39,905,550	67,502,014	\$71,184,083
2010	32,497,821	\$33,369,553	39,504,040	\$46,495,710	72,001,861	\$79,865,263
2009	32,330,447	\$33,983,975	36,633,075	\$43,212,386	68,963,523	\$77,196,361
2008	27,621,065	\$34,420,027	43,579,163	\$52,389,826	71,200,227	\$86,809,853
2007	30,415,458	\$36,193,660	32,459,521	\$46,090,964	62,874,979	\$82,284,625
2006	35,643,190	\$37,670,132	33,100,157	\$32,415,388	68,743,347	\$70,085,519
2005	49,433,481	\$34,897,096	30,195,429	\$29,992,539	79,628,910	\$64,889,635
2004	91,381,709	\$38,904,066	42,725,593	\$40,801,008	134,107,302	\$79,705,074
2003	88,672,089	\$33,742,337	50,751,417	\$53,370,495	139,423,505	\$87,112,832
2002	110,937,770	\$37,266,815	49,236,536	\$57,480,726	160,174,305	\$94,747,541
2001	98,046,600	\$36,085,805	39,119,735	\$52,057,384	137,166,335	\$88,143,189
2000	102,060,290	\$39,593,160	52,159,808	\$68,721,651	154,220,098	\$108,314,811
1999	86,092,743	\$34,774,113	67,649,408	\$64,906,937	153,742,151	\$99,681,050
1998	111,407,313	\$38,616,552	68,823,245	\$62,401,985	180,230,559	\$101,018,537
1997	163,514,248	\$46,295,327	65,051,082	\$62,692,789	228,565,330	\$108,988,117
1996	117,381,211	\$42,806,993	73,741,354	\$62,723,664	191,122,565	\$105,530,656
1995	118,636,627	\$45,657,944	57,128,394	\$63,710,032	175,765,022	\$109,367,976
1994	130,406,672	\$37,327,563	62,505,653	\$53,942,991	192,912,325	\$91,270,554
1993	118,359,356	\$29,660,592	52,338,120	\$34,943,200	170,697,476	\$64,603,792
1992	106,089,955	\$26,359,229	48,339,866	\$31,665,415	154,429,821	\$58,024,644
1991	157,651,237	\$28,648,802	54,989,911	\$38,138,904	212,641,148	\$66,787,706
1990	125,181,567	\$31,388,992	49,811,302	\$39,303,298	174,992,869	\$70,692,290
1989	117,328,601	\$33,449,737	47,868,878	\$40,507,870	165,197,479	\$73,957,607
1988	143,831,049	\$34,243,428	48,862,127	\$43,513,326	192,693,176	\$77,756,754
1987	114,956,317	\$29,698,852	42,367,602	\$36,008,434	157,323,919	\$65,707,286
1986	134,399,216	\$29,183,330	34,482,409	\$34,047,519	168,881,625	\$63,230,849
1985	170,331,478	\$28,986,432	44,542,610	\$35,606,434	214,874,088	\$64,592,866
1984	235,844,829	\$31,214,354	41,324,162	\$26,048,714	277,168,991	\$57,263,068
1983	244,086,111	\$27,752,454	43,646,719	\$29,672,531	287,732,830	\$57,424,985
1982	259,889,675	\$31,974,441	48,078,248	\$31,849,411	307,967,923	\$63,823,852
1981	388,552,891	\$36,280,328	43,452,992	\$21,239,682	432,005,883	\$57,520,010
1980	308,046,031	\$34,725,754	48,146,775	\$34,057,756	356,192,806	\$68,783,510
1979	354,085,423	\$32,829,300	36,386,661	\$25,624,765	390,472,084	\$58,454,065
1978	269,229,292	\$24,388,794	30,312,055	\$16,220,071	299,541,347	\$40,608,865
1977	224,865,426	\$16,079,228	19,885,159	\$12,295,207	244,750,585	\$28,374,435
1976	200,023,988	\$14,613,266	20,453,247	\$12,796,018	220,477,235	\$27,409,284
1975	214,517,385	\$12,255,425	17,186,106	\$7,197,252	231,703,491	\$19,452,677
1974	173,240,234	\$10,346,553	22,808,968	\$6,977,884	196,049,202	\$17,324,437
1973	111,866,832	\$8,515,708	18,585,830	\$7,438,924	130,452,662	\$15,954,632

**Table 27. Commercial landings of finfish and shellfish (continued).**

Year	Finfish		Shellfish		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
1972	146,847,017	\$5,760,579	21,054,543	\$6,038,260	167,901,560	\$11,798,839
1971	119,235,800	\$4,378,815	24,239,000	\$6,848,447	143,474,800	\$11,227,262
1970	145,176,735	\$4,570,898	28,464,800	\$4,794,947	173,641,535	\$9,365,845
1969	187,577,500	\$5,055,456	31,456,100	\$7,469,965	219,033,600	\$12,525,421
1968	206,881,200	\$4,600,437	25,297,700	\$5,104,104	232,178,900	\$9,704,541
1967	203,166,300	\$4,800,080	21,921,500	\$3,527,727	225,087,800	\$8,327,807
1966	222,881,700	\$5,013,392	28,049,800	\$4,557,549	250,931,500	\$9,570,941
1965	203,410,000	\$5,060,844	30,550,600	\$4,180,510	233,960,600	\$9,241,354
1964	208,757,800	\$4,519,059	29,821,400	\$3,503,993	238,579,200	\$8,023,052
1963	232,964,700	\$4,385,693	23,687,000	\$2,661,207	256,651,700	\$7,046,900
1962	162,851,200	\$3,333,240	19,533,000	\$3,422,087	182,384,200	\$6,755,327
1961	265,871,500	\$4,325,514	20,879,300	\$2,343,004	286,750,800	\$6,668,518
1960	242,377,100	\$3,856,426	22,871,100	\$3,163,453	265,248,200	\$7,019,879
1959	319,564,100	\$5,160,993	23,048,000	\$3,081,492	342,612,100	\$8,242,485
1958	273,633,400	\$5,632,806	16,617,500	\$2,062,802	290,250,900	\$7,695,608
1957	216,130,700	\$4,571,746	21,026,800	\$3,551,680	237,157,500	\$8,123,426
1956	284,547,800	\$5,414,049	16,170,100	\$2,700,842	300,717,900	\$8,114,891
1955	212,335,400	\$3,981,159	20,760,800	\$3,303,177	233,096,200	\$7,284,336
1954	192,951,800	\$4,242,595	20,313,800	\$2,693,839	213,265,600	\$6,936,434
1953	165,303,400	\$3,568,981	27,344,200	\$4,696,411	192,647,600	\$8,265,392
1952	222,565,900	\$4,198,634	17,625,900	\$3,017,367	240,191,800	\$7,216,001
1951	139,058,900	\$3,214,723	18,805,900	\$3,114,348	157,864,800	\$6,329,071
1950	154,880,200	\$3,753,339	17,458,400	\$3,046,816	172,338,600	\$6,800,155



**Figure 3. Commercial landings of finfish and shellfish.**

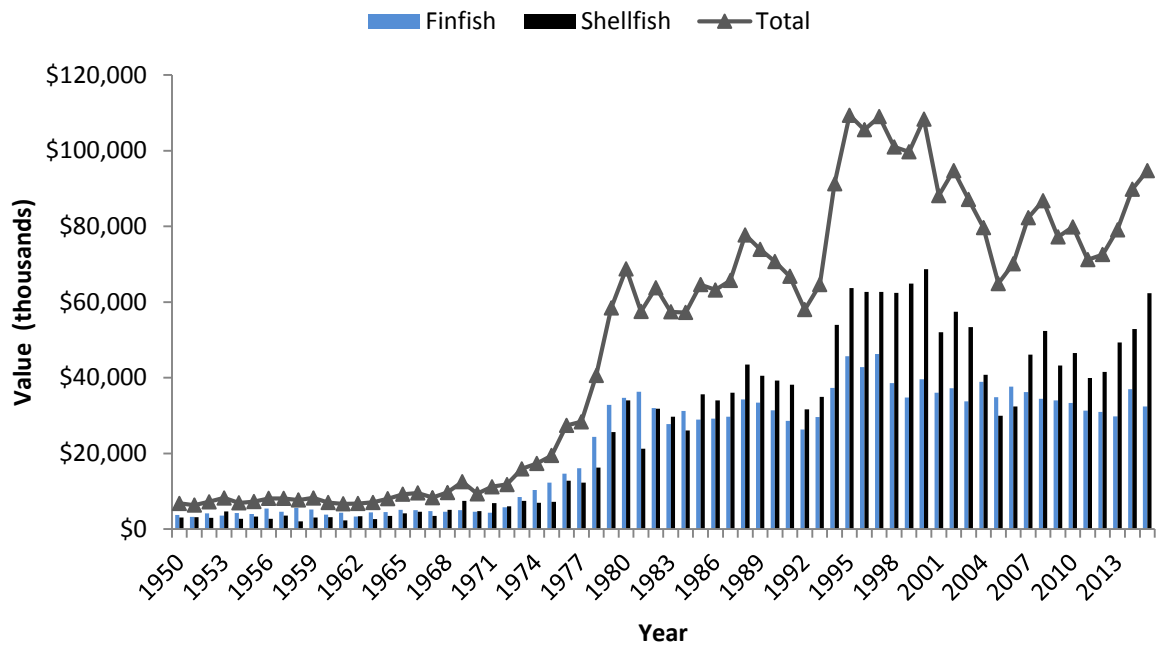


Figure 4. Ex-vessel value of finfish and shellfish.

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable).**

	2015		2014		2013	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	146,498	\$161,768	193,001	\$197,434	90,180	\$90,035
Blue Crabs, Hard	31,047,438	\$29,633,881	25,242,648	\$28,003,777	21,438,077	\$26,465,523
Blue Crabs, Peeler	706,688	\$2,106,196	621,040	\$2,062,863	447,120	\$1,449,542
Blue Crabs, Soft	380,375	\$2,247,306	367,277	\$2,234,300	317,426	\$2,091,382
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	804,336	\$445,293	2,019,279	\$1,230,021	1,159,580	\$564,377
Catfishes	917,965	\$262,840	521,540	\$112,361	548,913	\$92,497
Clams, Hard	415,027	\$5,038,973	430,816	\$2,883,740	347,073	\$2,295,366
Croaker, Atlantic	1,819,066	\$1,646,374	2,629,908	\$1,813,374	1,927,938	\$1,723,578
Dolphinfish	320,961	\$973,324	422,496	\$1,271,440	178,035	\$529,916
Drum, Red	80,393	\$196,144	90,647	\$174,745	371,949	\$715,685
Eel, American	57,791	\$142,826	60,755	\$164,797	33,980	\$88,649
Finfish, Other	1,084,733	\$1,114,627	934,275	\$932,601	1,097,621	\$1,065,321
Flounder, Southern	1,202,929	\$3,823,704	1,673,511	\$4,298,815	2,186,391	\$5,673,190
Flounder, Summer	2,878,753	\$9,092,527	2,911,750	\$7,448,744	541,542	\$1,386,338
Goosefish	112,863	\$106,081	76,392	\$66,713	10,566	\$9,053
Groupers	261,159	\$1,122,236	300,002	\$1,205,135	311,428	\$1,248,616
Herring, River	***	***	1,139	\$1,519	743	\$743
Herring, Thread	0	\$0	34,909	\$7,393	33,913	\$7,701
Hog Snapper	8,238	\$33,500	9,767	\$38,135	7,847	\$30,640
Kingfishes	786,515	\$860,461	955,071	\$1,067,141	603,186	\$668,480
Mackerel, King	391,774	\$801,747	549,981	\$1,420,312	345,177	\$877,497
Mackerel, Spanish	561,423	\$1,034,243	673,974	\$1,099,165	620,752	\$1,015,965
Menhaden, Atlantic	896,919	\$152,241	917,375	\$128,194	454,172	\$73,490
Mullet, Striped	1,247,044	\$804,675	1,828,351	\$1,714,630	1,549,157	\$1,402,914
Oysters	631,087	\$3,898,358	727,775	\$4,001,679	586,625	\$3,353,126
Perch, White	161,596	\$124,499	172,486	\$158,398	275,652	\$255,633
Perch, Yellow	41,655	\$54,013	67,454	\$86,598	31,481	\$40,546
Porgies	51,488	\$91,282	78,265	\$125,792	70,944	\$115,763
Scallop, Bay	0	\$0	0	\$0	1,337	\$9,506
Scup	229,696	\$130,029	160,508	\$95,727	28,691	\$13,323
Sea Basses	467,953	\$1,366,822	529,075	\$1,414,721	329,731	\$868,920
SeatROUT, Spotted	128,762	\$318,307	242,245	\$527,514	367,610	\$818,078
Shad, American	98,118	\$93,657	193,130	\$230,091	257,869	\$307,475
Shad, Gizzard	97,970	\$4,899	114,594	\$5,730	112,295	\$4,492
Shad, Hickory	148,714	\$42,916	109,407	\$44,885	71,326	\$29,144
Sharks	795,831	\$338,283	1,005,858	\$513,513	553,665	\$282,318
Sharks, Dogfishes	4,515,642	\$630,293	6,149,189	\$767,364	3,794,011	\$646,430
Shellfish, Other	388,622	\$2,573,994	428,444	\$1,271,234	197,543	\$674,565
Shrimp, Brown	6,280,659	\$10,459,293	3,354,809	\$9,051,640	2,297,132	\$6,021,373
Shrimp, Pink	29,140	\$58,767	111,882	\$191,998	229,301	\$479,113
Shrimp, Unclassified	9,488	\$79,038	5,390	\$45,746	13,467	\$99,514
Shrimp, White	2,772,320	\$6,228,725	1,218,982	\$3,115,839	2,318,985	\$6,344,881
Snappers	232,033	\$803,989	251,087	\$842,610	276,533	\$917,987
Spadefish	15,994	\$8,176	22,761	\$10,222	20,369	\$9,246
Spot	377,358	\$322,198	766,224	\$687,618	768,592	\$690,035
Striped Bass	141,824	\$450,208	96,233	\$297,585	96,935	\$303,486
Swordfish	593,258	\$1,277,355	694,911	\$1,897,857	1,058,089	\$2,935,940
Tilefishes	45,354	\$135,228	91,074	\$212,222	217,079	\$522,652
Triggerfish	131,536	\$331,805	116,782	\$251,194	160,861	\$342,228
Tunas	1,341,322	\$2,916,315	1,662,737	\$4,225,337	1,295,062	\$3,226,483
Wahoo	18,380	\$65,475	22,783	\$73,317	23,380	\$75,577
Weakfish	80,235	\$115,834	105,246	\$131,772	120,188	\$150,725

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	2012		2011		2010	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	124,325	\$104,212	72,797	62,815	128,762	\$95,599
Blue Crabs, Hard	25,991,387	\$20,198,891	28,964,633	\$18,016,736	29,794,329	\$23,801,594
Blue Crabs, Peeler	468,855	\$1,112,025	624,362	\$1,186,286	568,210	\$1,197,855
Blue Crabs, Soft	325,426	\$1,496,021	446,397	\$2,079,242	320,472	\$1,544,342
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	758,858	\$349,288	1,897,408	\$848,327	3,216,019	\$1,129,688
Catfishes	489,492	\$116,379	444,445	\$85,039	354,892	\$64,316
Clams, Hard	396,429	\$2,091,067	295,466	\$1,896,627	354,961	\$2,581,033
Croaker, Atlantic	3,106,616	\$2,135,458	5,054,186	\$3,164,034	7,312,159	\$3,409,671
Dolphinfish	249,020	\$756,346	94,210	\$244,752	239,551	\$492,270
Drum, Red	66,519	\$138,833	91,980	\$166,966	231,828	\$421,781
Eel, American	64,110	\$160,275	61,960	\$123,920	122,104	\$351,048
Finfish, Other	911,366	\$799,749	718,622	\$561,345	796,828	\$618,487
Flounder, Southern	1,646,137	\$4,451,482	1,247,450	\$2,753,128	1,689,557	\$3,695,889
Flounder, Summer	1,090,218	\$2,969,370	2,854,122	\$6,136,614	3,310,992	\$7,212,191
Goosefish	21,649	\$25,286	38,892	\$48,702	47,305	\$60,322
Groupers	382,085	\$1,421,867	408,507	\$1,462,989	561,926	\$1,730,542
Herring, River	678	\$678	1,611	\$1,611	1,765	\$1,765
Herring, Thread	***	***	18,303	\$3,735	0	\$0
Hog Snapper	8,256	\$28,738	10,793	\$37,688	13,046	\$37,897
Kingfishes	596,249	\$645,607	486,853	\$520,413	886,841	\$958,377
Mackerel, King	297,423	\$831,297	408,162	\$1,062,081	328,806	\$643,861
Mackerel, Spanish	916,439	\$1,374,648	871,217	\$1,188,154	911,866	\$1,026,562
Menhaden, Atlantic	538,783	\$82,974	3,529,967	\$336,528	1,299,130	\$111,552
Mullet, Striped	1,859,587	\$1,041,659	1,627,894	\$1,015,852	2,082,832	\$1,002,468
Oysters	440,063	\$2,572,073	800,543	\$4,486,741	1,040,407	\$5,045,127
Perch, White	189,448	\$150,940	245,636	\$223,248	200,501	\$162,388
Perch, Yellow	20,511	\$23,446	27,838	\$38,554	57,027	\$68,576
Porgies	81,532	\$129,798	89,612	\$133,027	80,105	\$105,846
Scallop, Bay	0	\$0	0	\$0	***	***
Scup	3,954	\$2,768	308,907	\$126,875	102,853	\$51,424
Sea Basses	256,007	\$687,905	272,280	\$627,825	401,489	\$947,900
Seatrout, Spotted	265,016	\$522,130	75,239	\$144,596	200,822	\$350,925
Shad, American	235,861	\$257,748	204,085	\$182,894	234,520	\$191,453
Shad, Gizzard	123,813	\$4,333	101,025	\$5,051	87,340	\$43,670
Shad, Hickory	65,645	\$22,389	85,096	\$23,607	108,032	\$20,951
Sharks	701,876	\$376,147	584,238	\$327,802	629,421	\$325,080
Sharks, Dogfishes	3,709,205	\$1,020,791	3,799,175	\$784,925	3,323,280	\$760,260
Shellfish, Other	192,961	\$751,091	1,491,159	\$1,354,123	1,470,327	\$1,634,360
Shrimp, Brown	3,599,108	\$7,721,355	4,337,643	\$8,683,030	4,233,181	\$7,291,146
Shrimp, Pink	774,968	\$1,619,500	2,295	\$3,490	52,657	\$107,759
Shrimp, Unclassified	16,366	\$78,690	104,222	\$312,257	10,815	\$39,979
Shrimp, White	1,751,039	\$3,913,604	696,200	\$1,887,019	1,658,681	\$3,252,515
Snappers	279,368	\$899,624	326,371	\$1,004,700	320,260	\$955,643
Spadefish	24,238	\$9,043	21,535	\$6,839	18,827	\$6,116
Spot	489,676	\$465,750	936,970	\$728,475	572,315	\$384,386
Striped Bass	144,555	\$368,516	410,685	\$1,164,426	500,152	\$1,221,524
Swordfish	903,178	\$3,009,107	803,725	\$2,617,201	629,933	\$1,897,151
Tilefishes	361,094	\$753,966	133,824	\$314,600	430,394	\$817,388
Triggerfish	143,114	\$278,968	220,204	\$411,373	225,682	\$349,179
Tunas	1,493,530	\$4,413,829	1,071,504	\$2,464,617	719,702	\$1,509,787
Wahoo	23,521	\$73,998	15,870	\$44,685	12,626	\$30,329
Weakfish	91,383	\$111,461	65,897	\$78,522	106,328	\$105,293

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	2009		2008		2007	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	153,099	\$104,982	160,769	\$110,236	133,519	\$93,910
Blue Crabs, Hard	29,140,473	\$25,039,379	32,338,889	\$25,429,231	20,562,159	\$18,109,497
Blue Crabs, Peeler	367,881	\$1,106,883	351,986	\$882,319	498,904	\$1,186,031
Blue Crabs, Soft	198,878	\$1,282,733	225,816	\$1,243,836	363,896	\$2,136,426
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	2,360,078	\$782,597	1,930,391	\$707,749	2,329,718	\$700,707
Catfishes	412,122	\$77,709	361,456	\$91,752	475,217	\$129,282
Clams, Hard	350,669	\$2,036,793	382,049	\$2,355,279	425,333	\$2,600,658
Croaker, Atlantic	6,135,437	\$3,003,861	5,791,766	\$3,141,877	7,271,162	\$2,714,046
Dolphinfish	611,962	\$1,030,145	289,548	\$573,364	369,472	\$726,111
Drum, Red	200,296	\$325,625	229,809	\$352,426	243,658	\$354,400
Eel, American	65,481	\$154,536	23,833	\$53,624	37,937	\$73,977
Finfish, Other	860,612	\$683,139	971,022	\$627,548	927,658	\$600,270
Flounder, Southern	2,396,240	\$4,609,932	2,602,390	\$5,650,295	2,083,043	\$4,970,881
Flounder, Summer	2,859,039	\$5,513,799	2,406,603	\$5,236,001	2,670,110	\$6,363,870
Goosefish	99,549	\$112,354	109,102	\$127,688	153,346	\$188,124
Groupers	637,447	\$1,878,701	785,555	\$2,274,335	827,766	\$2,394,336
Herring, River	643	\$836	1,292	\$775	1,103	\$856
Herring, Thread	0	\$0	0	\$0	0	\$0
Hog Snapper	10,839	\$28,476	13,035	\$34,731	7,112	\$17,072
Kingfishes	721,924	\$789,000	921,120	\$815,149	817,588	\$795,412
Mackerel, King	777,585	\$1,500,112	1,036,852	\$1,631,665	1,059,107	\$1,967,079
Mackerel, Spanish	961,811	\$929,748	415,405	\$545,300	487,879	\$731,076
Menhaden, Atlantic	2,124,733	\$229,648	645,231	\$70,339	1,134,167	\$139,178
Mullet, Striped	1,685,615	\$715,265	1,675,859	\$672,108	1,668,804	\$721,171
Oysters	573,630	\$2,655,463	466,176	\$2,039,175	441,415	\$2,244,626
Perch, White	376,820	\$303,971	398,307	\$318,802	174,494	\$130,426
Perch, Yellow	66,949	\$68,153	43,507	\$49,763	45,698	\$58,012
Porgies	91,922	\$112,138	105,873	\$134,119	86,449	\$104,244
Scallop, Bay	29,003	\$124,256	0	\$0	0	\$0
Scup	244,337	\$100,956	205,868	\$164,204	66,979	\$42,756
Sea Basses	615,179	\$1,401,506	484,892	\$1,155,772	474,297	\$1,195,325
Seatrout, Spotted	320,247	\$528,985	304,430	\$466,588	374,722	\$524,465
Shad, American	167,631	\$204,142	118,971	\$168,826	300,032	\$280,582
Shad, Gizzard	73,232	\$2,197	58,933	\$1,768	84,998	\$2,550
Shad, Hickory	86,662	\$22,963	66,767	\$11,665	35,808	\$7,726
Sharks	447,405	\$238,806	468,869	\$210,848	348,717	\$170,201
Sharks, Dogfishes	2,637,512	\$593,955	985,001	\$291,577	788,449	\$221,379
Shellfish, Other	564,834	\$2,439,165	399,827	\$1,212,265	630,583	\$1,908,391
Shrimp, Brown	3,804,694	\$5,742,975	5,502,793	\$10,742,274	3,110,266	\$4,896,325
Shrimp, Pink	250,213	\$365,475	830,488	\$1,326,887	84,168	\$148,452
Shrimp, Unclassified	5,240	\$29,084	4,694	\$38,491	2,913	\$16,904
Shrimp, White	1,347,561	\$2,390,181	3,076,444	\$7,120,069	6,339,883	\$12,843,654
Snappers	374,081	\$1,072,841	602,838	\$1,784,321	550,617	\$1,601,228
Spadefish	20,636	\$6,520	11,694	\$3,293	19,567	\$6,939
Spot	1,006,500	\$601,844	736,484	\$454,115	879,082	\$612,673
Striped Bass	310,604	\$747,308	373,445	\$822,556	576,157	\$1,238,523
Swordfish	502,884	\$1,319,917	444,559	\$1,133,936	645,396	\$1,769,054
Tilefishes	469,293	\$735,189	404,295	\$659,213	58,218	\$87,888
Triggerfish	215,759	\$303,580	198,724	\$283,028	155,261	\$186,141
Tunas	1,048,741	\$2,946,307	1,062,410	\$3,419,059	1,852,257	\$4,066,942
Wahoo	16,397	\$39,022	11,643	\$27,068	24,306	\$55,644
Weakfish	163,146	\$163,210	162,516	\$142,545	175,589	\$149,202



**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	2006		2005		2004	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	101,722	\$65,811	122,361	\$72,800	106,507	\$63,415
Blue Crabs, Hard	24,408,932	\$14,146,592	23,571,451	\$15,374,714	32,592,768	\$20,248,333
Blue Crabs, Peeler	549,916	\$1,172,353	1,166,270	\$1,902,625	982,874	\$1,678,928
Blue Crabs, Soft	384,311	\$1,768,450	692,398	\$2,996,574	554,966	\$2,538,582
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	2,791,157	\$815,639	2,837,612	\$790,304	3,762,944	\$849,302
Catfishes	429,948	\$121,288	401,516	\$91,165	414,694	\$100,507
Clams, Hard	422,293	\$2,631,373	412,995	\$2,777,957	542,935	\$3,357,124
Croaker, Atlantic	10,396,554	\$3,562,502	11,903,292	\$3,408,527	11,993,003	\$3,527,983
Dolphinfish	159,452	\$307,239	139,761	\$258,625	255,805	\$452,590
Drum, Red	169,206	\$232,818	128,770	\$173,040	54,086	\$69,753
Eel, American	33,581	\$70,893	49,278	\$106,769	128,875	\$270,986
Finfish, Other	893,118	\$491,739	718,577	\$353,187	856,324	\$409,709
Flounder, Southern	2,287,823	\$4,850,300	1,870,754	\$3,462,308	2,454,577	\$3,880,410
Flounder, Summer	3,981,413	\$8,449,646	4,064,464	\$7,500,273	4,844,126	\$7,619,934
Goosefish	164,953	\$176,908	90,099	\$86,084	386,821	\$372,198
Groupers	708,863	\$1,905,570	579,271	\$1,474,124	584,916	\$1,391,451
Herring, River	109,847	\$84,276	250,021	\$128,834	188,541	\$80,694
Herring, Thread	***	***	***	***	0	\$0
Hog Snapper	7,296	\$16,717	7,877	\$18,127	8,902	\$18,811
Kingfishes	559,440	\$550,566	296,263	\$271,731	567,659	\$492,452
Mackerel, King	1,185,534	\$2,120,138	1,246,088	\$2,053,692	955,002	\$1,572,583
Mackerel, Spanish	470,662	\$617,689	446,001	\$586,845	456,242	\$526,015
Menhaden, Atlantic	962,648	\$147,779	13,386,245	\$1,223,078	50,577,983	\$4,532,534
Mullet, Striped	1,728,607	\$977,756	1,620,394	\$801,181	1,598,617	\$721,855
Oysters	447,889	\$2,234,558	378,014	\$1,682,646	367,961	\$1,551,870
Perch, White	156,426	\$124,299	178,146	\$108,855	218,067	\$122,661
Perch, Yellow	34,599	\$34,815	23,254	\$28,488	39,785	\$37,976
Porgies	53,071	\$61,715	38,423	\$41,619	37,268	\$42,253
Scallop, Bay	0	\$0	0	\$0	***	***
Scup	140,062	\$96,932	352,422	\$156,920	523,554	\$332,019
Sea Basses	778,230	\$1,715,625	690,424	\$1,332,624	881,360	\$1,486,300
Seatrout, Spotted	312,620	\$410,695	129,601	\$173,533	130,961	\$172,033
Shad, American	184,965	\$201,026	191,301	\$205,304	270,245	\$180,304
Shad, Gizzard	66,808	\$2,672	82,963	\$4,148	96,060	\$2,409
Shad, Hickory	54,802	\$10,639	173,886	\$39,687	187,463	\$32,329
Sharks	835,415	\$373,881	1,175,544	\$610,086	1,079,817	\$583,701
Sharks, Dogfishes	621,821	\$180,262	666,443	\$187,148	1,146,273	\$185,935
Shellfish, Other	1,150,167	\$1,320,628	1,616,784	\$848,900	2,803,173	\$1,963,321
Shrimp, Brown	1,944,380	\$3,331,938	1,523,028	\$2,559,206	2,749,009	\$5,301,307
Shrimp, Pink	65,232	\$135,004	43,489	\$99,351	143,954	\$308,718
Shrimp, Unclassified	44,508	\$104,515	10,830	\$28,346	64,393	\$157,620
Shrimp, White	3,682,529	\$5,569,978	780,169	\$1,722,220	1,923,460	\$3,695,206
Snappers	345,071	\$953,292	432,829	\$1,116,056	339,453	\$873,299
Spadefish	19,623	\$6,851	35,445	\$9,059	44,521	\$10,284
Spot	1,364,743	\$998,047	1,714,485	\$905,013	2,317,169	\$1,068,031
Striped Bass	281,736	\$680,902	864,289	\$1,673,068	911,399	\$1,160,540
Swordfish	615,877	\$1,500,495	609,200	\$1,508,598	604,095	\$1,508,281
Tilefishes	138,090	\$186,677	44,014	\$52,576	78,126	\$134,695
Triggerfish	126,354	\$146,634	145,639	\$162,533	136,211	\$147,096
Tunas	1,991,550	\$4,070,818	1,282,284	\$3,328,019	1,436,789	\$3,331,817
Wahoo	16,426	\$37,879	14,980	\$32,814	22,006	\$50,026
Weakfish	363,078	\$310,697	421,779	\$357,062	685,463	\$488,894

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	2003		2002		2001	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	135,991	\$84,218	120,644	\$69,982	121,966	\$64,071
Blue Crabs, Hard	41,644,612	\$32,904,677	36,461,890	\$29,349,251	29,939,494	\$25,079,256
Blue Crabs, Peeler	693,294	\$1,815,304	718,897	\$1,465,913	1,319,202	\$3,081,350
Blue Crabs, Soft	431,891	\$2,388,111	555,532	\$2,333,268	921,693	\$4,070,990
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	3,470,100	\$767,566	2,323,964	\$776,570	4,066,000	\$1,091,020
Catfishes	385,888	\$99,695	367,665	\$95,257	564,183	\$153,609
Clams, Hard	533,027	\$3,339,172	619,721	\$3,505,642	763,573	\$5,007,241
Croaker, Atlantic	14,429,197	\$2,923,946	10,189,153	\$3,233,402	12,017,424	\$3,080,205
Dolphinfish	186,262	\$329,370	168,429	\$243,510	160,546	\$220,795
Drum, Red	90,525	\$105,671	81,370	\$89,199	149,616	\$170,548
Eel, American	172,065	\$267,300	59,940	\$83,517	107,070	\$122,416
Finfish, Other	769,384	\$379,342	1,259,705	\$536,102	1,011,094	\$538,498
Flounder, Southern	2,198,503	\$3,661,597	3,436,753	\$5,165,017	3,522,136	\$5,690,481
Flounder, Summer	3,572,448	\$6,009,296	4,129,119	\$6,106,076	2,784,741	\$4,451,356
Goosefish	335,338	\$314,344	278,608	\$232,940	208,413	\$232,017
Groupers	651,949	\$1,535,714	699,579	\$1,584,584	558,626	\$1,255,386
Herring, River	199,716	\$88,862	174,830	\$65,712	306,761	\$118,546
Herring, Thread	***	***	2,889,740	\$231,179	0	\$0
Hog Snapper	9,135	\$19,263	10,637	\$20,309	8,203	\$15,666
Kingfishes	652,636	\$644,920	619,737	\$603,854	489,743	\$501,999
Mackerel, King	764,831	\$1,214,205	778,427	\$1,177,216	839,107	\$1,353,511
Mackerel, Spanish	456,784	\$418,064	698,448	\$617,860	653,673	\$524,263
Menhaden, Atlantic	48,936,502	\$3,943,814	69,190,596	\$5,045,407	56,012,396	\$4,551,445
Mullet, Striped	1,629,314	\$779,570	2,596,304	\$1,251,676	2,317,655	\$1,181,912
Oysters	261,043	\$1,017,887	243,775	\$991,004	258,086	\$1,068,352
Perch, White	498,133	\$292,690	280,860	\$161,260	244,817	\$159,075
Perch, Yellow	98,783	\$98,534	78,828	\$76,482	90,527	\$87,596
Porgies	40,626	\$45,088	64,219	\$62,411	56,415	\$62,303
Scallop, Bay	14,194	\$48,628	19,219	\$68,365	2,517	\$10,423
Scup	143,004	\$75,453	***	***	0	\$0
Sea Basses	850,550	\$1,416,659	592,260	\$878,251	644,840	\$1,063,189
Seatrout, Spotted	181,462	\$243,394	175,555	\$213,668	105,714	\$134,848
Shad, American	395,251	\$251,532	274,657	\$174,142	151,075	\$94,373
Shad, Gizzard	152,010	\$16,542	227,459	\$9,298	245,261	\$12,263
Shad, Hickory	68,938	\$18,543	51,158	\$8,286	172,236	\$52,166
Sharks	1,274,163	\$665,837	1,707,186	\$869,823	1,139,068	\$520,162
Sharks, Dogfishes	373,078	\$110,487	341,722	\$101,358	510,756	\$125,925
Shellfish, Other	1,005,985	\$917,639	648,484	\$1,402,518	661,037	\$1,828,824
Shrimp, Brown	4,828,513	\$8,210,280	6,029,219	\$10,905,493	3,923,540	\$8,830,577
Shrimp, Pink	219,010	\$459,906	879,894	\$1,503,822	211,858	\$449,929
Shrimp, Unclassified	19,720	\$57,021	545,562	\$1,061,263	255,580	\$653,514
Shrimp, White	1,100,128	\$2,211,871	2,514,342	\$4,894,187	863,153	\$1,976,927
Snappers	269,230	\$687,027	490,591	\$1,186,998	523,742	\$1,219,289
Spadefish	28,519	\$3,775	38,400	\$7,757	41,994	\$11,579
Spot	2,043,387	\$910,301	2,184,032	\$931,528	3,093,872	\$1,278,327
Striped Bass	565,919	\$717,981	701,459	\$855,457	626,052	\$773,102
Swordfish	630,874	\$1,799,063	480,948	\$935,892	596,178	\$1,313,372
Tilefishes	87,102	\$96,556	220,331	\$221,262	106,674	\$99,198
Triggerfish	117,396	\$123,681	90,934	\$84,599	87,628	\$82,532
Tunas	941,051	\$2,007,154	1,015,421	\$2,169,542	1,729,572	\$2,599,881
Wahoo	17,222	\$42,380	19,952	\$38,298	20,503	\$41,714
Weakfish	848,822	\$532,904	1,828,150	\$1,051,137	1,960,324	\$1,037,169

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	2000		1999		1998	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	127,117	\$82,065	129,245	\$78,239	101,739	\$60,263
Blue Crabs, Hard	38,889,273	\$32,154,369	56,094,091	\$33,526,081	60,402,332	\$40,466,879
Blue Crabs, Peeler	998,971	\$1,946,369	942,150	\$2,111,690	976,097	\$1,932,820
Blue Crabs, Soft	750,140	\$3,336,990	510,435	\$2,174,429	697,741	\$2,559,941
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	3,368,610	\$1,104,129	2,761,084	\$877,734	2,925,929	\$763,583
Catfishes	879,447	\$268,895	731,283	\$206,169	910,154	\$230,009
Clams, Hard	675,814	\$4,680,245	576,970	\$3,774,453	689,510	\$4,559,846
Croaker, Atlantic	10,122,627	\$2,986,816	10,185,507	\$3,119,798	10,865,897	\$3,449,817
Dolphinfish	197,259	\$306,688	209,488	\$343,808	149,990	\$238,611
Drum, Red	270,953	\$294,871	372,942	\$398,282	294,366	\$288,397
Eel, American	127,099	\$176,576	99,939	\$134,085	91,084	\$231,505
Finfish, Other	1,291,412	\$588,721	1,595,893	\$453,836	1,468,810	\$489,518
Flounder, Southern	3,205,792	\$5,660,767	2,933,331	\$5,154,205	3,952,729	\$7,118,989
Flounder, Summer	3,386,578	\$5,991,402	2,869,055	\$5,011,482	2,983,107	\$5,418,829
Goosefish	745,164	\$966,739	599,538	\$654,846	686,715	\$478,014
Groupers	636,942	\$1,420,414	758,068	\$1,629,812	745,665	\$1,647,973
Herring, River	332,336	\$126,685	443,494	\$180,874	521,930	\$202,437
Herring, Thread	707,541	\$42,452	***	***	6,586,500	\$559,853
Hog Snapper	7,727	\$14,852	12,405	\$21,712	12,037	\$22,166
Kingfishes	551,940	\$520,965	607,465	\$621,078	399,313	\$414,315
Mackerel, King	1,045,554	\$1,655,894	1,082,693	\$1,695,944	1,143,342	\$1,749,357
Mackerel, Spanish	659,426	\$499,446	459,100	\$265,834	372,415	\$261,973
Menhaden, Atlantic	56,280,112	\$3,495,744	42,799,080	\$2,680,633	57,976,455	\$4,121,667
Mullet, Striped	2,829,086	\$1,602,702	1,460,850	\$838,924	2,218,108	\$1,061,430
Oysters	203,427	\$804,212	216,858	\$922,910	224,214	\$925,559
Perch, White	202,192	\$139,704	353,246	\$263,296	142,672	\$116,945
Perch, Yellow	94,085	\$98,297	113,545	\$102,646	79,313	\$70,303
Porgies	23,727	\$24,753	77,137	\$92,189	183,885	\$240,149
Scallop, Bay	21,029	\$78,554	29,651	\$102,998	102,819	\$289,184
Scup	0	\$0	***	***	14,885	\$8,140
Sea Basses	567,385	\$973,041	613,577	\$1,078,908	743,243	\$1,099,982
Seatrout, Spotted	376,574	\$467,122	546,675	\$670,460	307,671	\$380,724
Shad, American	297,990	\$213,010	131,617	\$108,145	327,556	\$233,761
Shad, Gizzard	287,453	\$20,122	205,656	\$13,097	230,094	\$18,746
Shad, Hickory	92,564	\$14,502	112,140	\$20,769	93,504	\$18,312
Sharks	1,460,709	\$548,830	1,666,655	\$704,666	1,167,236	\$409,568
Sharks, Dogfishes	3,885,221	\$678,308	4,224,232	\$619,912	5,451,610	\$744,243
Shellfish, Other	286,239	\$314,996	274,940	\$199,997	1,095,343	\$812,460
Shrimp, Brown	6,489,495	\$16,000,250	1,672,959	\$4,323,442	0	\$0
Shrimp, Pink	161,422	\$383,245	10,060	\$11,294	0	\$0
Shrimp, Unclassified	469,137	\$956,056	3,661,992	\$7,947,452	4,635,189	\$10,855,296
Shrimp, White	3,214,862	\$8,066,365	3,659,302	\$9,812,191	0	\$0
Snappers	510,897	\$1,281,042	441,783	\$1,067,328	352,021	\$851,510
Spadefish	46,235	\$12,888	34,320	\$9,536	38,994	\$13,369
Spot	2,829,818	\$1,172,231	2,262,175	\$1,001,980	2,396,979	\$1,001,659
Striped Bass	407,440	\$471,837	588,311	\$724,844	422,869	\$520,039
Swordfish	414,801	\$937,555	611,029	\$1,044,237	265,064	\$666,673
Tilefishes	85,467	\$98,130	76,697	\$67,734	67,770	\$89,593
Triggerfish	88,277	\$84,106	150,387	\$110,496	274,641	\$201,113
Tunas	1,727,787	\$3,414,429	1,126,551	\$1,257,270	1,064,415	\$1,376,822
Wahoo	19,905	\$46,475	28,963	\$58,314	22,600	\$47,861
Weakfish	1,869,042	\$1,089,958	2,617,580	\$1,390,987	3,354,008	\$1,698,336

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1997		1996		1995	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	178,310	\$107,052	139,737	\$63,966	171,613	\$85,800
Blue Crabs, Hard	54,353,545	\$33,165,872	65,682,500	\$39,873,553	45,033,543	\$33,053,805
Blue Crabs, Peeler	1,022,668	\$1,768,855	878,382	\$1,280,991	724,442	\$1,052,607
Blue Crabs, Soft	713,896	\$2,751,311	519,318	\$1,887,890	685,555	\$2,132,875
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	4,003,160	\$1,166,023	3,298,571	\$861,528	3,010,640	\$1,078,889
Catfishes	1,031,144	\$282,601	802,420	\$238,016	877,715	\$230,200
Clams, Hard	696,295	\$4,878,022	619,837	\$4,380,620	702,654	\$4,628,830
Croaker, Atlantic	10,711,667	\$4,116,446	9,961,834	\$3,642,602	6,021,284	\$2,002,297
Dolphinfish	229,791	\$347,270	128,586	\$215,423	354,188	\$573,863
Drum, Red	52,502	\$56,939	113,338	\$112,881	248,122	\$223,310
Eel, American	128,668	\$327,032	141,592	\$247,786	173,698	\$366,503
Finfish, Other	2,391,193	\$809,055	2,516,855	\$770,667	2,666,945	\$854,884
Flounder, Southern	4,076,793	\$7,981,377	3,807,009	\$7,235,817	4,166,966	\$7,611,412
Flounder, Summer	1,501,171	\$2,828,186	4,227,052	\$6,784,624	4,582,176	\$8,190,341
Goosefish	704,036	\$446,669	535,092	\$432,712	535,887	\$421,834
Groupers	719,550	\$1,547,970	651,106	\$1,350,819	773,372	\$1,529,751
Herring, River	334,809	\$128,988	529,503	\$132,389	453,984	\$134,934
Herring, Thread	13,278,060	\$1,195,025	6,271,870	\$439,031	6,391,228	\$447,386
Hog Snapper	14,010	\$26,297	13,841	\$23,864	33,507	\$55,964
Kingfishes	872,888	\$864,030	528,260	\$470,545	1,058,785	\$746,603
Mackerel, King	1,558,439	\$2,375,084	793,534	\$1,271,857	1,013,319	\$1,589,704
Mackerel, Spanish	766,958	\$474,882	401,839	\$204,507	402,392	\$216,116
Menhaden, Atlantic	97,727,057	\$8,794,202	53,850,943	\$4,858,471	58,374,081	\$3,560,953
Mullet, Striped	2,442,657	\$1,777,617	1,756,863	\$1,091,892	2,298,446	\$1,944,319
Oysters	218,970	\$888,963	210,931	\$793,123	220,661	\$815,070
Perch, White	123,040	\$97,913	172,879	\$124,218	111,366	\$75,348
Perch, Yellow	76,740	\$66,146	53,828	\$42,360	61,872	\$40,837
Porgies	188,885	\$239,501	237,310	\$265,183	249,062	\$263,535
Scallop, Bay	54,606	\$183,172	27,388	\$105,716	173,796	\$345,447
Scup	1,365	\$761	58,861	\$19,824	24,047	\$9,865
Sea Basses	766,841	\$1,124,023	778,349	\$998,801	493,702	\$597,057
Seatrout, Spotted	232,497	\$283,425	226,580	\$252,404	574,296	\$634,061
Shad, American	219,526	\$149,203	199,638	\$172,104	205,867	\$188,541
Shad, Gizzard	253,667	\$16,657	410,963	\$26,546	317,540	\$19,052
Shad, Hickory	138,228	\$17,405	187,887	\$40,326	67,569	\$19,301
Sharks	1,487,669	\$512,328	1,871,203	\$771,563	2,727,300	\$1,146,157
Sharks, Dogfishes	8,135,923	\$1,083,374	13,673,758	\$2,228,922	9,357,602	\$1,553,086
Shellfish, Other	1,002,858	\$852,327	541,975	\$1,037,904	919,112	\$1,363,816
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	6,988,243	\$18,204,266	5,261,023	\$13,363,867	8,668,632	\$20,317,583
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	366,482	\$872,983	350,341	\$764,246	403,950	\$931,878
Spadefish	57,384	\$13,321	55,890	\$13,497	40,873	\$8,175
Spot	2,627,925	\$1,155,343	2,290,000	\$866,053	3,006,845	\$932,122
Striped Bass	587,786	\$711,091	181,600	\$220,945	446,789	\$606,529
Swordfish	176,266	\$458,988	194,862	\$484,105	171,299	\$517,858
Tilefishes	149,402	\$177,223	158,586	\$229,734	160,860	\$228,295
Triggerfish	342,134	\$257,514	277,741	\$210,942	304,540	\$216,211
Tunas	1,277,938	\$1,490,572	1,526,784	\$2,268,042	2,148,910	\$3,555,023
Wahoo	20,628	\$45,190	26,675	\$53,364	40,731	\$84,675
Weakfish	3,561,060	\$1,869,620	3,977,633	\$2,304,415	4,113,260	\$2,165,276

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1994		1993		1992	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	152,007	\$74,529	129,011	\$52,669	107,328	\$38,487
Blue Crabs, Hard	52,260,168	\$26,896,282	42,867,109	\$14,262,152	40,507,415	\$12,836,836
Blue Crabs, Peeler	642,238	\$771,697	0	\$0	0	\$0
Blue Crabs, Soft	610,717	\$1,931,975	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	0	\$0	805,623	\$1,515,569	560,959	\$996,904
Bluefish	1,782,345	\$542,228	2,705,278	\$661,515	2,839,057	\$550,619
Catfishes	1,276,359	\$284,725	1,364,430	\$276,573	1,466,594	\$283,419
Clams, Hard	690,794	\$3,582,049	741,248	\$3,922,932	722,235	\$3,853,005
Croaker, Atlantic	4,615,754	\$1,451,056	3,267,652	\$990,961	2,796,612	\$1,010,646
Dolphinfish	160,742	\$243,740	149,043	\$195,528	72,119	\$89,179
Drum, Red	142,169	\$102,362	238,099	\$203,955	128,497	\$86,859
Eel, American	95,991	\$175,664	32,711	\$61,081	17,739	\$32,388
Finfish, Other	2,674,592	\$602,552	2,416,216	\$651,639	2,919,029	\$622,644
Flounder, Southern	4,878,609	\$8,044,845	4,272,368	\$5,596,669	3,145,020	\$4,026,402
Flounder, Summer	3,592,781	\$5,852,930	3,120,901	\$3,872,667	2,613,003	\$3,505,193
Goosefish	336,759	\$204,536	80,881	\$52,147	36,656	\$25,270
Groupers	775,431	\$1,569,894	724,852	\$1,368,289	761,909	\$1,365,580
Herring, River	644,334	\$100,999	916,235	\$67,494	1,723,178	\$172,453
Herring, Thread	7,252,434	\$362,803	6,558,702	\$239,326	3,955,739	\$136,286
Hog Snapper	19,133	\$33,393	21,404	\$27,540	24,186	\$29,528
Kingfishes	620,841	\$424,307	1,194,224	\$701,314	851,708	\$464,525
Mackerel, King	849,909	\$1,267,066	887,810	\$1,358,915	1,034,694	\$1,552,953
Mackerel, Spanish	531,371	\$247,003	589,868	\$252,157	738,362	\$302,887
Menhaden, Atlantic	73,853,901	\$3,178,605	64,711,384	\$1,954,299	57,515,712	\$1,744,030
Mullet, Striped	1,726,242	\$1,058,691	3,063,853	\$1,942,472	1,820,494	\$1,171,094
Oysters	183,704	\$632,634	223,993	\$843,617	293,956	\$1,172,397
Perch, White	213,337	\$166,773	180,294	\$145,507	165,141	\$156,533
Perch, Yellow	67,978	\$55,063	48,578	\$37,408	28,929	\$20,029
Porgies	250,377	\$256,417	265,691	\$231,771	338,695	\$287,201
Scallop, Bay	63,954	\$120,054	152,504	\$365,274	21,721	\$54,124
Scup	306,048	\$114,726	88,702	\$43,892	174,397	\$54,005
Sea Basses	706,111	\$772,545	737,950	\$953,000	792,875	\$1,053,519
Seatrout, Spotted	412,358	\$492,461	449,886	\$525,840	526,271	\$563,136
Shad, American	110,975	\$95,703	178,790	\$149,739	239,162	\$194,629
Shad, Gizzard	229,310	\$11,466	70,117	\$3,456	11,795	\$700
Shad, Hickory	57,543	\$17,263	75,375	\$25,023	18,603	\$4,919
Sharks	3,147,137	\$1,490,036	2,321,177	\$639,797	1,272,213	\$272,749
Sharks, Dogfishes	9,877,658	\$1,013,669	8,806,064	\$735,603	8,634,923	\$691,163
Shellfish, Other	769,285	\$1,015,814	768,881	\$443,196	737,769	\$1,893,036
Shrimp, Brown	0	\$0	3,672,780	\$7,267,558	2,639,281	\$5,755,336
Shrimp, Pink	0	\$0	1,382,650	\$2,367,160	1,983,357	\$3,267,003
Shrimp, Unclassified	7,284,793	\$18,992,486	2,154	\$4,611	0	\$0
Shrimp, White	0	\$0	1,721,178	\$3,951,131	873,173	\$1,836,774
Snappers	450,221	\$1,012,178	435,277	\$967,485	335,167	\$759,267
Spadefish	23,347	\$3,969	23,564	\$4,710	19,288	\$3,232
Spot	2,937,311	\$980,536	2,672,164	\$749,339	2,826,138	\$642,491
Striped Bass	261,900	\$353,565	262,447	\$330,351	161,009	\$204,434
Swordfish	96,677	\$292,410	27,144	\$95,941	60,810	\$238,273
Tilefishes	231,584	\$335,292	217,781	\$281,584	360,740	\$441,907
Triggerfish	271,503	\$187,337	190,672	\$144,095	135,190	\$94,100
Tunas	1,263,343	\$1,894,566	529,391	\$785,293	544,039	\$959,187
Wahoo	20,319	\$41,718	24,121	\$42,402	14,383	\$23,954
Weakfish	3,489,929	\$1,917,948	4,309,249	\$2,241,146	4,862,551	\$2,483,359

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1991		1990		1989	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	124,820	\$41,609	85,264	\$29,922	63,498	\$19,970
Blue Crabs, Hard	41,074,063	\$9,154,358	36,985,206	\$9,156,390	33,935,992	\$8,790,304
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	755,613	\$1,389,140	1,085,122	\$2,136,942	788,681	\$1,567,298
Bluefish	3,919,786	\$643,997	4,578,172	\$738,993	3,291,468	\$587,992
Catfishes	1,351,189	\$272,081	986,429	\$203,026	815,657	\$151,061
Clams, Hard	984,410	\$5,235,182	1,354,842	\$6,584,756	1,294,628	\$8,388,051
Croaker, Atlantic	3,436,960	\$1,518,888	5,769,512	\$2,959,259	6,824,088	\$3,380,041
Dolphinfish	140,837	\$146,823	96,207	\$103,362	98,899	\$117,260
Drum, Red	96,045	\$56,989	183,216	\$106,450	274,356	\$173,755
Eel, American	12,082	\$2,903	56,494	\$64,048	152,565	\$254,815
Finfish, Other	5,286,995	\$1,041,613	7,736,485	\$1,188,879	6,852,169	\$859,180
Flounder, Southern	4,163,374	\$4,978,710	2,560,459	\$4,105,161	3,225,955	\$5,267,360
Flounder, Summer	3,630,629	\$4,456,810	2,829,105	\$4,490,873	4,329,403	\$5,707,719
Goosefish	143,589	\$106,102	135,882	\$76,157	126,091	\$78,026
Groupers	609,520	\$1,009,066	798,613	\$1,297,609	780,911	\$1,247,069
Herring, River	1,575,378	\$118,272	1,157,625	\$174,259	1,491,077	\$183,842
Herring, Thread	3,796,220	\$119,472	5,574,400	\$171,591	0	\$0
Hog Snapper	19,426	\$23,621	24,216	\$29,017	9,581	\$12,200
Kingfishes	864,651	\$439,283	738,612	\$412,824	562,424	\$334,358
Mackerel, King	1,102,862	\$1,263,235	1,130,805	\$1,271,936	720,401	\$928,266
Mackerel, Spanish	858,808	\$309,143	838,914	\$317,880	589,383	\$214,563
Menhaden, Atlantic	110,528,754	\$3,002,829	72,231,989	\$1,820,654	66,756,288	\$1,808,906
Mullet, Striped	1,467,448	\$823,424	2,994,604	\$1,861,881	2,062,147	\$1,637,650
Oysters	319,040	\$1,229,293	328,850	\$1,160,171	529,858	\$1,575,634
Perch, White	119,445	\$99,365	155,544	\$141,835	295,095	\$233,886
Perch, Yellow	42,982	\$26,999	61,795	\$37,076	64,213	\$35,827
Porgies	357,046	\$307,472	582,722	\$545,189	384,519	\$347,173
Scallop, Bay	44,545	\$99,661	62,018	\$127,545	84,474	\$214,136
Scup	127,427	\$45,579	103,124	\$81,892	18,231	\$11,075
Sea Basses	707,781	\$1,101,723	1,035,697	\$1,366,464	996,352	\$1,174,020
Seatrout, Spotted	660,662	\$545,164	250,634	\$225,553	451,909	\$435,504
Shad, American	276,507	\$201,880	313,550	\$170,161	323,396	\$214,896
Shad, Gizzard	12,048	\$836	18,405	\$987	15,067	\$754
Shad, Hickory	16,466	\$10,425	11,478	\$1,575	18,510	\$4,254
Sharks	609,873	\$191,732	903,459	\$498,589	1,031,532	\$502,049
Sharks, Dogfishes	1,463,221	\$122,862	41,446	\$3,799	0	\$0
Shellfish, Other	1,081,199	\$2,452,365	2,193,659	\$4,298,901	2,312,438	\$4,352,142
Shrimp, Brown	6,772,054	\$11,822,329	5,148,317	\$10,969,703	5,080,971	\$9,105,939
Shrimp, Pink	2,547,992	\$4,114,150	1,504,081	\$2,367,414	3,146,334	\$5,149,390
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	1,410,995	\$2,642,426	1,149,207	\$2,501,476	695,502	\$1,364,976
Snappers	594,111	\$1,162,881	626,857	\$1,239,569	587,532	\$1,226,085
Spadefish	25,096	\$3,543	16,456	\$2,386	22,953	\$2,871
Spot	3,047,305	\$708,356	3,455,460	\$801,181	3,254,473	\$787,150
Striped Bass	122,816	\$175,822	113,939	\$159,630	100,830	\$101,002
Swordfish	48,075	\$169,227	112,465	\$312,514	64,434	\$277,606
Tilefishes	247,084	\$281,754	165,744	\$187,830	115,083	\$164,178
Triggerfish	133,107	\$66,172	82,039	\$49,375	40,372	\$25,025
Tunas	583,545	\$719,899	804,938	\$886,550	392,071	\$575,021
Wahoo	18,620	\$30,155	16,653	\$26,050	9,921	\$15,929
Weakfish	5,308,647	\$2,302,086	5,802,159	\$3,227,006	10,115,747	\$4,351,399

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1988		1987		1986	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	56,983	\$12,487	33,683	\$6,551	40,676	\$7,170
Blue Crabs, Hard	35,136,232	\$10,211,661	31,760,413	\$7,345,210	23,159,779	\$5,429,534
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	468,191	\$921,403	663,191	\$2,263,437	595,468	\$684,822
Bluefish	5,039,039	\$683,232	4,561,101	\$818,046	3,450,230	\$477,273
Catfishes	1,128,613	\$163,753	1,234,525	\$199,981	1,198,213	\$190,483
Clams, Hard	939,976	\$6,178,117	1,207,400	\$7,822,801	1,356,316	\$7,522,393
Croaker, Atlantic	8,434,415	\$3,542,549	7,289,191	\$2,956,025	9,424,828	\$3,088,174
Dolphinfish	56,098	\$67,622	70,516	\$83,873	35,923	\$40,438
Drum, Red	220,271	\$125,289	249,657	\$148,205	249,076	\$106,808
Eel, American	57,369	\$86,532	127,964	\$220,626	338,377	\$355,747
Finfish, Other	10,069,403	\$684,006	7,910,177	\$668,534	9,305,126	\$826,031
Flounder, Southern	3,314,027	\$3,584,908	2,621,651	\$3,238,358	2,613,970	\$2,650,535
Flounder, Summer	6,951,749	\$7,152,183	5,362,322	\$6,251,598	6,231,310	\$6,700,683
Goosefish	245,995	\$161,861	123,714	\$94,901	183,126	\$100,670
Groupers	776,314	\$1,192,552	792,144	\$1,182,559	770,532	\$1,142,209
Herring, River	4,191,211	\$502,166	3,194,975	\$368,062	6,814,323	\$647,293
Herring, Thread	1,238,830	\$47,724	922,670	\$26,017	134,890	\$2,313
Hog Snapper	7,243	\$9,214	5,350	\$7,264	5,052	\$5,732
Kingfishes	503,949	\$223,357	959,928	\$426,366	993,390	\$391,492
Mackerel, King	886,344	\$1,089,656	1,348,502	\$1,279,793	1,006,128	\$929,705
Mackerel, Spanish	438,222	\$140,815	504,063	\$145,141	232,197	\$81,184
Menhaden, Atlantic	73,715,713	\$2,566,832	55,498,571	\$1,624,511	66,377,931	\$1,590,955
Mullet, Striped	3,060,829	\$1,634,408	2,590,360	\$654,536	1,932,190	\$425,586
Oysters	913,100	\$2,162,931	1,425,584	\$2,875,406	745,548	\$1,452,056
Perch, White	587,228	\$264,471	791,764	\$427,934	672,153	\$325,532
Perch, Yellow	33,506	\$12,486	42,929	\$15,067	26,047	\$7,754
Porgies	377,192	\$339,921	313,705	\$290,173	459,509	\$426,969
Scallop, Bay	38,923	\$73,179	154,568	\$500,068	306,176	\$837,722
Scup	125,817	\$60,999	252,731	\$189,273	367,019	\$172,936
Sea Basses	1,229,440	\$1,268,695	535,814	\$540,320	1,097,887	\$975,210
Seatrout, Spotted	296,538	\$247,852	315,380	\$261,455	191,514	\$146,254
Shad, American	283,050	\$171,962	327,646	\$215,115	373,794	\$228,819
Shad, Gizzard	133,926	\$6,693	315,916	\$15,370	555,493	\$26,239
Shad, Hickory	92,922	\$28,919	45,341	\$10,204	20,822	\$3,899
Sharks	329,538	\$84,879	264,301	\$68,401	131,534	\$31,992
Sharks, Dogfishes	301,768	\$36,208	0	\$0	0	\$0
Shellfish, Other	3,254,928	\$7,479,993	2,743,368	\$7,045,964	2,184,348	\$4,216,993
Shrimp, Brown	5,315,539	\$11,894,700	1,104,847	\$2,542,505	4,118,661	\$10,085,043
Shrimp, Pink	2,711,655	\$4,386,117	3,018,230	\$4,985,217	1,904,050	\$3,532,093
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	83,583	\$205,225	290,001	\$627,826	112,063	\$286,863
Snappers	489,529	\$969,503	402,695	\$804,920	568,621	\$1,121,119
Spadefish	19,801	\$2,115	21,530	\$2,532	19,293	\$2,183
Spot	3,080,258	\$682,260	2,806,041	\$648,742	3,354,191	\$772,495
Striped Bass	115,915	\$116,776	262,221	\$262,542	188,992	\$189,859
Swordfish	36,972	\$135,437	34,964	\$129,619	94,005	\$324,097
Tilefishes	131,165	\$162,504	84,706	\$72,181	87,111	\$104,609
Triggerfish	51,340	\$27,008	49,831	\$19,817	39,794	\$12,018
Tunas	610,866	\$705,020	789,549	\$878,355	498,563	\$347,058
Wahoo	19,783	\$28,099	15,827	\$22,721	6,014	\$7,742
Weakfish	15,091,878	\$5,220,475	11,882,362	\$4,423,164	14,309,372	\$4,196,065

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1985		1984		1983	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	11,403	\$2,295	3,477	\$791	6,364	\$1,036
Blue Crabs, Hard	29,329,547	\$6,089,982	32,490,769	\$6,664,731	34,689,455	\$8,444,863
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	326,978	\$350,373	199,771	\$276,302	87,570	\$188,223
Bluefish	3,604,445	\$576,234	3,559,997	\$557,672	6,746,956	\$794,848
Catfishes	1,297,728	\$261,774	1,394,307	\$253,331	1,177,170	\$210,477
Clams, Hard	1,393,294	\$5,653,779	1,387,864	\$5,506,233	1,341,620	\$5,401,824
Croaker, Atlantic	8,714,432	\$2,946,914	9,170,775	\$3,027,261	7,249,680	\$2,842,139
Dolphinfish	42,348	\$44,805	47,144	\$41,162	30,393	\$23,985
Drum, Red	152,676	\$50,384	283,020	\$82,458	219,871	\$51,958
Eel, American	224,263	\$165,834	706,298	\$483,051	404,157	\$270,670
Finfish, Other	9,649,332	\$679,022	11,763,851	\$782,355	10,095,768	\$537,481
Flounder, Southern	1,960,200	\$1,661,321	2,294,059	\$1,689,008	2,533,417	\$1,586,072
Flounder, Summer	8,968,385	\$7,877,020	12,792,430	\$7,349,308	7,279,379	\$4,098,101
Goosefish	340,988	\$127,968	195,428	\$69,479	64,522	\$23,540
Groupers	724,599	\$958,733	910,907	\$1,075,403	949,537	\$798,338
Herring, River	11,548,278	\$845,906	6,516,109	\$596,428	5,868,332	\$464,389
Herring, Thread	3,364,773	\$110,048	3,358,710	\$104,118	3,014,330	\$116,695
Hog Snapper	4,683	\$5,729	2,219	\$2,107	1,743	\$1,569
Kingfishes	632,440	\$241,653	464,351	\$174,597	441,881	\$155,857
Mackerel, King	833,357	\$896,959	757,598	\$658,613	843,336	\$608,183
Mackerel, Spanish	173,186	\$67,127	127,467	\$42,043	41,336	\$15,221
Menhaden, Atlantic	97,738,403	\$2,330,061	157,667,480	\$4,745,831	177,973,440	\$6,167,878
Mullet, Striped	1,486,583	\$310,804	1,688,522	\$323,123	1,068,014	\$206,253
Oysters	545,439	\$1,037,153	724,557	\$1,207,277	724,509	\$1,124,147
Perch, White	701,278	\$376,791	440,774	\$189,347	498,694	\$205,319
Perch, Yellow	49,383	\$13,214	19,505	\$4,944	11,000	\$3,733
Porgies	1,030,442	\$733,396	1,561,644	\$854,968	1,473,107	\$825,378
Scallop, Bay	455,649	\$1,072,296	383,625	\$876,122	202,479	\$498,539
Scup	351	\$134	0	\$0	0	\$0
Sea Basses	1,218,762	\$1,002,066	990,089	\$740,632	532,500	\$413,660
Seatrout, Spotted	109,048	\$93,076	152,934	\$123,686	165,360	\$125,482
Shad, American	329,639	\$152,547	584,843	\$241,009	445,879	\$187,360
Shad, Gizzard	160,147	\$5,034	120,808	\$6,448	255,966	\$13,494
Shad, Hickory	42,121	\$8,898	59,698	\$13,300	69,966	\$14,841
Sharks	123,666	\$30,294	202,952	\$53,203	136,612	\$28,376
Sharks, Dogfishes	1,029	\$489	0	\$0	90	\$23
Shellfish, Other	815,024	\$277,929	1,100,827	\$1,042,384	486,987	\$450,829
Shrimp, Brown	10,377,162	\$18,845,277	3,662,603	\$7,648,310	3,030,727	\$7,612,327
Shrimp, Pink	1,254,851	\$2,189,280	1,277,111	\$2,549,688	2,633,067	\$4,802,628
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	44,666	\$90,365	97,035	\$277,667	450,305	\$1,149,151
Snappers	511,347	\$963,869	434,042	\$824,785	485,591	\$908,669
Spadefish	49,149	\$5,144	15,736	\$1,768	1,370	\$249
Spot	4,043,843	\$874,490	3,481,920	\$813,587	2,952,295	\$685,370
Striped Bass	279,940	\$229,586	512,896	\$452,002	361,275	\$491,491
Swordfish	77,729	\$224,722	132,302	\$419,142	160,740	\$419,324
Tilefishes	81,185	\$65,846	142,675	\$101,305	80,711	\$44,807
Triggerfish	29,831	\$8,597	33,278	\$9,040	33,936	\$9,690
Tunas	185,162	\$135,418	255,142	\$202,445	170,381	\$85,658
Wahoo	9,426	\$9,175	8,716	\$7,640	7,274	\$6,495
Weakfish	9,825,498	\$3,893,055	12,990,726	\$4,096,964	10,233,738	\$4,308,345



**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1982		1981		1980	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	5,018	\$1,010	14,737	\$3,490	6,764	\$1,531
Blue Crabs, Hard	38,206,327	\$7,184,748	37,927,573	\$8,172,428	34,322,937	\$5,975,221
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	148,364	\$296,838	77,748	\$100,860	87,482	\$132,448
Bluefish	4,290,809	\$1,045,693	6,610,459	\$1,242,677	5,443,558	\$760,630
Catfishes	1,342,456	\$247,791	1,908,521	\$495,789	1,625,739	\$368,106
Clams, Hard	1,701,793	\$6,606,132	1,458,196	\$5,386,803	1,541,719	\$5,554,047
Croaker, Atlantic	10,824,953	\$4,031,186	11,205,342	\$3,944,643	21,146,798	\$5,213,755
Dolphinfish	41,448	\$32,471	5,939	\$4,460	23,887	\$11,886
Drum, Red	52,561	\$12,273	93,420	\$18,817	243,223	\$47,133
Eel, American	475,524	\$291,352	436,007	\$256,433	960,196	\$1,038,575
Finfish, Other	10,367,796	\$795,192	13,525,926	\$1,126,398	14,398,575	\$673,446
Flounder, Southern	1,940,195	\$1,393,349	2,212,948	\$1,438,282	2,965,023	\$1,629,142
Flounder, Summer	6,499,785	\$4,278,486	7,563,300	\$4,759,904	13,916,867	\$6,259,110
Goosefish	140,118	\$57,590	234,539	\$96,500	623,409	\$218,598
Groupers	914,496	\$739,446	882,696	\$824,392	664,354	\$537,458
Herring, River	9,437,703	\$704,599	4,753,723	\$316,850	6,218,523	\$444,327
Herring, Thread	84,420	\$2,430	924,600	\$28,322	5,467,870	\$254,390
Hog Snapper	1,229	\$1,116	0	\$0	0	\$0
Kingfishes	361,052	\$123,817	254,651	\$89,396	342,605	\$110,436
Mackerel, King	1,207,108	\$1,157,301	736,073	\$648,544	768,946	\$646,543
Mackerel, Spanish	189,217	\$61,268	51,639	\$22,004	75,306	\$29,898
Menhaden, Atlantic	187,015,090	\$5,773,042	309,414,710	\$10,038,759	196,920,370	\$7,139,327
Mullet, Striped	1,492,179	\$283,196	1,293,902	\$259,094	2,215,532	\$360,145
Oysters	611,998	\$908,676	550,502	\$730,293	723,099	\$987,958
Perch, White	665,082	\$276,147	395,312	\$120,827	104,803	\$26,954
Perch, Yellow	10,003	\$3,429	7,611	\$1,791	4,658	\$883
Porgies	2,297,459	\$1,334,546	2,178,151	\$1,172,247	1,751,763	\$865,848
Scallop, Bay	136,634	\$352,169	189,441	\$655,725	327,780	\$1,107,072
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	810,302	\$573,699	1,197,431	\$910,076	1,530,986	\$931,324
Seatrout, Spotted	83,847	\$59,896	113,304	\$59,371	171,334	\$75,216
Shad, American	411,852	\$183,483	351,500	\$189,793	199,206	\$88,112
Shad, Gizzard	529,076	\$26,446	270,400	\$5,471	1,312,093	\$39,372
Shad, Hickory	24,742	\$5,006	81,312	\$11,831	91,501	\$12,680
Sharks	94,580	\$23,674	96,434	\$46,810	20,891	\$2,673
Sharks, Dogfishes	6,405	\$713	4,506	\$671	2,866	\$463
Shellfish, Other	245,968	\$89,376	692,106	\$898,364	1,320,268	\$3,116,016
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	7,027,164	\$16,411,472	2,557,426	\$5,295,209	9,823,490	\$17,184,994
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	598,093	\$1,048,857	512,378	\$938,864	422,374	\$727,478
Spadefish	4,309	\$604	13,860	\$2,460	295	\$207
Spot	4,918,763	\$1,080,090	3,511,574	\$823,728	7,100,053	\$1,493,437
Striped Bass	338,310	\$531,470	417,324	\$451,824	472,503	\$435,479
Swordfish	146,565	\$378,204	251,428	\$562,317	316,576	\$455,243
Tilefishes	57,241	\$25,357	55,648	\$26,391	24,708	\$8,907
Triggerfish	59,386	\$20,190	40,876	\$11,099	29,573	\$6,830
Tunas	95,563	\$49,347	36,134	\$24,045	116,024	\$24,774
Wahoo	2,708	\$1,674	1,030	\$922	2,327	\$1,515
Weakfish	12,052,232	\$5,319,001	16,893,546	\$5,305,036	20,343,952	\$3,783,923

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1979		1978		1977	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	3,982	\$608	0	\$0	0	\$0
Blue Crabs, Hard	26,623,723	\$4,622,539	23,558,546	\$4,326,084	12,220,812	\$2,148,346
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	80,367	\$129,908	46,826	\$89,718	15,974	\$17,000
Bluefish	3,405,674	\$654,727	1,948,110	\$256,666	2,331,446	\$218,663
Catfishes	1,651,842	\$345,886	1,740,102	\$351,246	2,073,054	\$424,091
Clams, Hard	1,449,570	\$4,473,737	892,235	\$2,449,054	739,066	\$1,068,880
Croaker, Atlantic	20,558,193	\$4,345,433	19,945,471	\$2,735,282	18,994,577	\$2,076,370
Dolphinfish	5,490	\$2,104	7,644	\$1,963	0	\$0
Drum, Red	126,517	\$21,728	21,774	\$2,480	19,637	\$2,673
Eel, American	954,534	\$800,529	695,605	\$472,252	258,296	\$112,227
Finfish, Other	18,670,522	\$973,074	8,568,825	\$262,296	484,478	\$57,468
Flounder, Southern	2,043,142	\$1,037,799	1,407,847	\$796,438	704,212	\$318,829
Flounder, Summer	16,376,919	\$7,800,437	10,903,165	\$5,510,225	10,432,882	\$4,679,311
Goosefish	356,622	\$66,669	102,286	\$22,338	1,607	\$81
Groupers	675,840	\$456,953	597,494	\$323,223	29,378	\$15,753
Herring, River	5,119,150	\$313,779	6,607,153	\$286,705	8,523,813	\$421,603
Herring, Thread	18,760	\$439	1,670,310	\$68,891	4,891,000	\$180,164
Hog Snapper	104	\$76	0	\$0	0	\$0
Kingfishes	310,503	\$69,580	153,954	\$29,534	204,603	\$33,926
Mackerel, King	381,616	\$274,229	171,877	\$107,687	244,771	\$125,978
Mackerel, Spanish	12,721	\$3,549	39,851	\$8,126	46,223	\$7,072
Menhaden, Atlantic	254,329,990	\$8,059,572	192,324,170	\$7,498,037	158,119,330	\$4,369,012
Mullet, Striped	1,767,955	\$343,427	1,752,233	\$230,787	1,834,935	\$193,291
Oysters	665,439	\$925,964	449,544	\$547,783	365,714	\$353,581
Perch, White	361,032	\$94,557	498,493	\$126,595	268,489	\$38,106
Perch, Yellow	7,122	\$1,678	29,894	\$6,862	36,819	\$5,579
Porgies	1,695,116	\$671,878	1,212,182	\$433,808	136,392	\$48,677
Scallop, Bay	193,437	\$514,419	218,548	\$389,161	412,476	\$711,311
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,374,662	\$806,513	1,149,444	\$533,903	1,464,668	\$629,009
Seatrout, Spotted	105,034	\$44,977	97,304	\$37,356	323,408	\$106,695
Shad, American	278,070	\$121,662	402,017	\$144,986	121,022	\$54,764
Shad, Gizzard	384,146	\$11,527	49,168	\$1,058	219,789	\$2,200
Shad, Hickory	31,716	\$5,163	20,507	\$3,790	22,109	\$1,755
Sharks	13,036	\$1,698	10,031	\$2,103	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	2,432,885	\$5,229,281	2,185,594	\$4,534,435	530,788	\$757,009
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	4,941,240	\$9,728,917	2,960,762	\$3,883,836	5,600,329	\$7,239,080
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	332,062	\$526,627	174,742	\$230,361	27,465	\$33,171
Spadefish	1,200	\$252	152	\$27	3,036	\$158
Spot	7,303,405	\$1,430,017	4,878,437	\$627,225	3,805,126	\$468,675
Striped Bass	614,184	\$577,004	697,864	\$623,250	571,651	\$405,263
Swordfish	0	\$0	439,306	\$668,688	0	\$0
Tilefishes	20,241	\$5,180	50,487	\$13,236	0	\$0
Triggerfish	9,087	\$2,679	3,446	\$644	0	\$0
Tunas	24,945	\$16,430	6,275	\$1,952	0	\$0
Wahoo	1,092	\$541	2,359	\$849	0	\$0
Weakfish	14,759,197	\$2,940,319	10,849,313	\$1,967,925	8,671,210	\$1,048,664

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1976		1975		1974	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	11,731,946	\$2,405,635	11,072,059	\$1,454,456	13,163,411	\$1,373,499
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	20,065	\$26,549	20,234	\$16,996	33,439	\$23,130
Bluefish	1,356,036	\$128,325	1,975,169	\$165,658	2,182,973	\$186,574
Catfishes	1,538,124	\$303,691	1,686,647	\$279,711	1,793,904	\$288,240
Clams, Hard	306,179	\$258,163	285,089	\$226,087	287,675	\$321,983
Croaker, Atlantic	15,037,793	\$1,577,235	10,251,515	\$904,219	6,082,108	\$600,375
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	168,259	\$21,700	214,236	\$21,537	142,437	\$15,781
Eel, American	510,083	\$234,422	237,684	\$84,156	451,956	\$187,997
Finfish, Other	665,877	\$73,680	631,790	\$62,540	418,092	\$50,198
Flounder, Southern	1,706,267	\$622,423	1,730,809	\$580,701	1,617,306	\$434,365
Flounder, Summer	9,745,926	\$3,431,147	9,778,824	\$2,965,889	10,195,618	\$2,407,504
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	11,833	\$6,575	44,894	\$21,842	70,008	\$28,294
Herring, River	6,401,360	\$336,750	5,952,067	\$215,501	6,209,542	\$246,753
Herring, Thread	11,006,760	\$478,308	6,842,040	\$222,374	4,411,950	\$121,975
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	123,896	\$20,173	212,530	\$31,635	314,584	\$54,445
Mackerel, King	156,405	\$108,822	100,001	\$60,122	40,249	\$24,244
Mackerel, Spanish	30,585	\$4,514	48,696	\$6,823	73,372	\$9,396
Menhaden, Atlantic	134,902,490	\$4,534,354	153,805,201	\$3,258,977	121,197,640	\$2,886,563
Mullet, Striped	2,071,741	\$208,208	1,952,748	\$204,083	2,137,502	\$206,927
Oysters	333,315	\$292,058	424,831	\$329,794	558,821	\$435,804
Perch, White	183,625	\$29,596	288,597	\$51,891	309,250	\$57,146
Perch, Yellow	11,248	\$1,784	2,806	\$448	27,487	\$4,449
Porgies	215,574	\$71,484	149,498	\$47,952	65,653	\$20,036
Scallop, Bay	248,468	\$194,457	134,752	\$104,622	220,428	\$199,391
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	573,338	\$292,174	1,147,761	\$447,012	1,316,746	\$523,374
Seatrout, Spotted	637,326	\$219,007	632,603	\$207,963	669,607	\$207,154
Shad, American	167,190	\$65,227	241,240	\$82,815	368,833	\$105,668
Shad, Gizzard	343,682	\$7,397	189,205	\$3,636	387,351	\$7,745
Shad, Hickory	18,716	\$1,797	29,202	\$2,485	41,725	\$2,635
Sharks	0	\$0	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,170,561	\$1,447,762	85,531	\$11,353	104,991	\$17,714
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	6,642,713	\$8,171,394	5,163,610	\$5,053,944	8,440,203	\$4,606,363
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	5,229	\$4,305	32,781	\$26,073	21,076	\$17,406
Spadefish	7,488	\$424	8,962	\$389	1,658	\$97
Spot	2,674,161	\$348,153	8,299,854	\$860,993	5,606,952	\$624,919
Striped Bass	1,038,154	\$522,637	1,303,197	\$629,928	1,016,191	\$393,187
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	1,300	\$260	1,352	\$135	12,130	\$1,826
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	8,713,522	\$958,694	6,725,476	\$807,937	6,056,334	\$631,280

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1973		1972		1971	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	11,963,252	\$1,536,873	13,479,254	\$1,345,159	14,475,500	\$1,127,829
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	45,280	\$27,762	49,809	\$29,186	48,900	\$25,414
Bluefish	2,008,046	\$152,320	1,167,721	\$98,854	578,000	\$59,072
Catfishes	1,957,475	\$286,525	2,398,012	\$333,753	2,029,800	\$283,942
Clams, Hard	379,573	\$294,098	274,153	\$162,655	253,300	\$147,593
Croaker, Atlantic	4,323,979	\$372,198	4,108,859	\$227,052	948,200	\$53,605
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	70,264	\$7,775	42,919	\$5,228	17,200	\$1,718
Eel, American	133,506	\$55,772	77,389	\$12,177	167,200	\$26,628
Finfish, Other	376,246	\$41,446	600,508	\$70,720	2,961,300	\$95,822
Flounder, Southern	904,700	\$309,569	785,348	\$277,446	352,300	\$105,583
Flounder, Summer	6,460,336	\$1,850,989	3,870,149	\$1,110,605	3,658,600	\$1,012,840
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	16,483	\$3,950	0	\$0	14,000	\$2,520
Herring, River	7,925,898	\$213,519	11,237,143	\$196,145	12,721,900	\$203,122
Herring, Thread	3,721,180	\$168,647	21,423,920	\$366,150	6,281,900	\$107,646
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	428,647	\$60,556	683,048	\$82,740	478,200	\$55,785
Mackerel, King	25,767	\$6,816	8,920	\$2,671	8,900	\$2,228
Mackerel, Spanish	64,211	\$8,983	96,251	\$12,999	95,200	\$14,032
Menhaden, Atlantic	66,943,030	\$2,539,604	84,692,020	\$1,219,329	79,488,200	\$1,116,093
Mullet, Striped	1,092,620	\$91,951	1,176,918	\$97,932	713,000	\$50,049
Oysters	548,351	\$446,485	470,112	\$344,217	423,400	\$288,784
Perch, White	145,280	\$21,826	201,855	\$26,923	366,600	\$45,126
Perch, Yellow	11,480	\$1,726	24,885	\$3,327	24,100	\$3,080
Porgies	27,710	\$7,434	39,188	\$9,364	206,400	\$34,732
Scallop, Bay	37,384	\$33,059	128,288	\$110,339	60,000	\$42,412
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	683,702	\$227,159	635,210	\$204,518	747,500	\$163,987
Seatrout, Spotted	611,004	\$181,902	502,792	\$153,421	337,600	\$103,561
Shad, American	321,000	\$85,491	468,484	\$111,609	680,200	\$116,770
Shad, Gizzard	169,169	\$2,361	0	\$0	0	\$0
Shad, Hickory	65,973	\$3,186	69,190	\$3,725	62,400	\$3,498
Sharks	0	\$0	0	\$0	2,000	\$60
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	608,573	\$362,424	1,089,666	\$497,212	1,363,000	\$450,919
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,003,417	\$4,738,223	5,563,261	\$3,549,492	7,614,900	\$4,765,496
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	6,784	\$3,241	121	\$36	7,400	\$3,591
Spadefish	1,462	\$79	634	\$33	3,900	\$184
Spot	5,397,368	\$675,908	3,902,144	\$378,138	1,190,100	\$173,265
Striped Bass	1,751,936	\$591,811	1,261,060	\$358,312	1,449,000	\$313,800
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	6,221,576	\$542,964	7,372,329	\$397,372	3,644,700	\$226,476

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1970		1969		1968	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	20,880,200	\$1,237,567	22,159,300	\$2,125,500	19,171,200	\$1,833,539
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	59,800	\$23,246	93,400	\$42,224	83,500	\$31,354
Bluefish	495,500	\$41,825	871,100	\$95,703	872,200	\$101,617
Catfishes	1,996,400	\$286,510	1,854,000	\$266,949	1,684,100	\$236,475
Clams, Hard	281,900	\$157,208	252,300	\$140,690	203,600	\$116,690
Croaker, Atlantic	806,800	\$37,875	1,368,700	\$62,089	1,200,800	\$59,836
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	7,500	\$648	3,900	\$330	12,500	\$834
Eel, American	15,500	\$1,516	17,600	\$791	24,500	\$1,024
Finfish, Other	2,656,235	\$67,516	2,080,900	\$59,682	4,516,300	\$69,853
Flounder, Southern	522,300	\$138,048	641,900	\$186,286	697,200	\$170,006
Flounder, Summer	2,640,500	\$641,676	2,124,300	\$519,862	1,905,600	\$455,713
Goosefish	0	\$0	0	\$0	4,000	\$237
Groupers	0	\$0	400	\$63	25,000	\$4,267
Herring, River	11,521,400	\$193,756	19,761,700	\$303,717	15,524,900	\$234,669
Herring, Thread	5,161,000	\$83,970	4,442,100	\$60,442	2,723,700	\$35,405
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	563,000	\$74,217	842,700	\$99,878	635,400	\$67,841
Mackerel, King	12,300	\$2,965	16,100	\$3,586	7,500	\$1,789
Mackerel, Spanish	63,300	\$8,520	88,600	\$11,803	68,900	\$7,486
Menhaden, Atlantic	108,235,200	\$1,570,489	145,235,000	\$2,227,738	167,189,100	\$1,957,865
Mullet, Striped	1,123,000	\$59,230	1,090,100	\$81,785	1,172,100	\$89,583
Oysters	382,500	\$269,119	370,300	\$259,551	402,900	\$268,416
Perch, White	211,200	\$30,031	206,600	\$24,343	299,100	\$30,695
Perch, Yellow	43,200	\$5,913	28,200	\$2,892	45,700	\$4,328
Porgies	212,100	\$26,990	252,500	\$35,648	176,400	\$17,215
Scallop, Bay	130,200	\$91,087	612,500	\$382,718	638,700	\$422,136
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,178,300	\$229,127	1,047,000	\$191,564	1,192,700	\$194,169
Seatrout, Spotted	404,600	\$107,964	189,100	\$55,992	97,200	\$31,118
Shad, American	953,200	\$192,796	718,600	\$136,686	842,700	\$127,547
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	61,400	\$2,644	100,900	\$5,302	141,600	\$6,342
Sharks	2,800	\$113	0	\$0	5,600	\$357
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,675,900	\$523,953	114,100	\$43,454	181,700	\$75,210
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,054,300	\$2,492,767	7,854,200	\$4,475,828	4,616,100	\$2,356,759
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	500	\$80	400	\$109	42,400	\$15,582
Spadefish	2,000	\$75	300	\$32	1,600	\$93
Spot	1,528,900	\$142,247	1,487,800	\$187,819	1,575,100	\$187,338
Striped Bass	2,317,500	\$479,185	1,568,000	\$325,557	1,911,800	\$384,971
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	2,441,100	\$144,972	1,539,000	\$108,808	2,285,500	\$106,182

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1967		1966		1965	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	14,272,300	\$703,754	18,914,100	\$867,932	22,333,700	\$1,262,651
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	86,100	\$36,972	125,600	\$56,342	237,000	\$85,133
Bluefish	887,800	\$80,797	820,500	\$67,074	703,800	\$49,101
Catfishes	1,784,800	\$276,722	1,786,400	\$278,230	1,531,000	\$163,445
Clams, Hard	200,200	\$105,648	232,800	\$93,158	312,900	\$136,868
Croaker, Atlantic	1,282,800	\$65,101	1,267,000	\$62,549	1,753,400	\$107,913
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	12,800	\$1,236	35,200	\$3,579	71,400	\$8,505
Eel, American	23,100	\$921	54,400	\$2,277	40,000	\$1,807
Finfish, Other	6,945,200	\$104,541	6,741,500	\$104,649	9,487,200	\$169,948
Flounder, Southern	519,400	\$111,191	449,300	\$83,819	695,000	\$138,182
Flounder, Summer	3,872,000	\$756,235	3,568,100	\$660,428	4,026,000	\$813,224
Goosefish	5,600	\$321	0	\$0	0	\$0
Groupers	9,000	\$673	7,400	\$688	0	\$0
Herring, River	18,486,000	\$317,716	12,519,300	\$134,261	12,825,800	\$132,601
Herring, Thread	6,307,300	\$68,561	2,582,200	\$34,973	1,074,700	\$13,853
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	839,300	\$72,664	766,600	\$58,119	1,337,000	\$118,982
Mackerel, King	23,700	\$5,038	94,900	\$18,534	138,900	\$28,287
Mackerel, Spanish	72,700	\$8,113	78,500	\$9,414	117,200	\$11,824
Menhaden, Atlantic	150,480,700	\$1,693,735	182,288,900	\$2,537,808	160,595,300	\$2,072,174
Mullet, Striped	1,063,100	\$72,830	1,444,900	\$99,308	1,260,100	\$83,160
Oysters	518,500	\$316,376	726,100	\$398,993	863,700	\$473,549
Perch, White	384,500	\$46,073	402,300	\$23,870	260,800	\$26,699
Perch, Yellow	36,900	\$3,405	23,600	\$1,794	32,400	\$2,973
Porgies	462,100	\$44,826	1,925,800	\$115,545	982,200	\$125,778
Scallop, Bay	387,300	\$211,291	399,100	\$184,198	379,000	\$196,342
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,994,200	\$303,688	1,266,600	\$157,839	1,089,800	\$146,836
Seatrout, Spotted	122,500	\$36,142	115,900	\$33,886	175,100	\$53,212
Shad, American	777,200	\$154,702	701,300	\$169,810	1,068,800	\$214,065
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	130,300	\$8,406	196,700	\$5,929	202,000	\$7,089
Sharks	5,400	\$330	2,600	\$149	2,100	\$125
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,538,400	\$344,400	1,955,100	\$390,945	1,008,100	\$306,732
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	4,918,700	\$1,809,286	5,697,000	\$2,565,981	5,416,200	\$1,719,235
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	4,000	\$1,352	10,800	\$4,155	0	\$0
Spadefish	0	\$0	0	\$0	200	\$7
Spot	3,047,900	\$205,099	1,091,300	\$94,030	912,600	\$69,363
Striped Bass	1,817,200	\$253,217	652,800	\$100,095	484,300	\$76,809
Swordfish	0	\$0	76,900	\$38,353	524,000	\$283,320
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	13,700	\$2,029	59,500	\$11,334
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,768,800	\$106,445	1,896,300	\$110,198	1,959,400	\$130,228

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1964		1963		1962	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	24,091,500	\$1,275,164	18,835,400	\$945,064	12,221,300	\$494,161
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	69,700	\$32,924	83,400	\$37,530	97,700	\$34,200
Bluefish	514,700	\$64,392	812,700	\$97,022	954,600	\$117,662
Catfishes	1,274,200	\$127,420	1,229,700	\$109,966	1,060,900	\$84,872
Clams, Hard	255,400	\$98,217	331,700	\$129,808	246,700	\$98,680
Croaker, Atlantic	1,866,900	\$139,066	2,275,700	\$152,442	1,662,800	\$145,544
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	101,500	\$9,022	71,200	\$4,812	60,900	\$4,920
Eel, American	53,000	\$2,650	38,600	\$1,930	43,300	\$1,732
Finfish, Other	12,075,100	\$158,685	11,498,100	\$131,088	9,088,600	\$124,977
Flounder, Southern	373,900	\$77,998	386,400	\$67,190	381,600	\$56,355
Flounder, Summer	2,076,600	\$402,838	2,287,500	\$375,796	1,494,000	\$170,180
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	1,400	\$112	400	\$24	500	\$39
Herring, River	7,560,900	\$76,880	15,099,600	\$150,996	14,302,400	\$143,024
Herring, Thread	0	\$0	0	\$0	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,141,300	\$95,669	1,071,300	\$111,307	1,262,300	\$120,871
Mackerel, King	88,500	\$17,700	52,600	\$10,520	49,300	\$9,810
Mackerel, Spanish	78,300	\$11,745	135,300	\$20,295	83,200	\$12,480
Menhaden, Atlantic	172,991,700	\$2,248,892	190,213,800	\$2,326,005	122,898,100	\$1,364,169
Mullet, Striped	1,219,900	\$90,128	1,911,000	\$122,621	2,285,400	\$160,544
Oysters	727,700	\$414,775	694,000	\$356,705	961,400	\$485,589
Perch, White	339,700	\$36,296	259,300	\$26,500	320,300	\$32,030
Perch, Yellow	60,400	\$5,437	43,300	\$2,718	47,200	\$2,832
Porgies	491,500	\$26,252	191,700	\$11,698	292,800	\$23,470
Scallop, Bay	339,700	\$172,622	321,100	\$121,914	168,500	\$67,400
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	906,200	\$121,827	738,500	\$77,405	1,287,200	\$147,184
Seatrout, Spotted	204,800	\$71,680	232,400	\$73,778	204,700	\$61,410
Shad, American	639,900	\$127,472	693,400	\$167,693	765,000	\$191,250
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	232,900	\$8,577	292,400	\$8,772	171,700	\$8,585
Sharks	13,900	\$1,390	4,100	\$353	2,600	\$152
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	58,400	\$7,052	47,500	\$5,355	32,700	\$2,974
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	4,279,000	\$1,503,239	3,373,900	\$1,064,831	5,804,700	\$2,239,083
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	500	\$150	2,200	\$616	2,500	\$700
Spadefish	2,100	\$168	9,900	\$788	2,800	\$224
Spot	1,251,200	\$110,591	915,500	\$84,021	1,218,300	\$78,804
Striped Bass	714,500	\$116,746	735,800	\$114,908	747,300	\$119,568
Swordfish	482,800	\$232,790	1,200	\$648	0	\$0
Tilefishes	700	\$56	200	\$16	400	\$32
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	33,100	\$2,895	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,965,700	\$133,535	1,760,900	\$133,765	2,160,500	\$149,820

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1961		1960		1959	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	15,880,100	\$608,478	14,936,700	\$716,387	14,738,900	\$851,234
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	100,800	\$35,280	90,900	\$31,815	124,400	\$37,320
Bluefish	752,400	\$93,833	614,600	\$78,145	740,400	\$87,417
Catfishes	1,093,400	\$87,472	1,057,900	\$85,352	1,464,800	\$117,184
Clams, Hard	490,400	\$196,160	431,500	\$172,600	339,500	\$135,800
Croaker, Atlantic	1,753,500	\$143,774	2,092,800	\$158,029	3,056,600	\$228,331
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	89,700	\$7,262	79,300	\$6,480	5,000	\$400
Eel, American	56,700	\$2,268	65,900	\$2,636	99,100	\$3,956
Finfish, Other	11,402,200	\$148,650	22,570,700	\$248,607	3,401,800	\$98,566
Flounder, Southern	362,000	\$54,553	327,400	\$48,728	373,000	\$54,210
Flounder, Summer	1,534,700	\$175,176	908,600	\$86,826	1,156,400	\$132,754
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	1,200	\$91	500	\$35	9,300	\$674
Herring, River	11,951,100	\$119,511	12,815,000	\$128,150	14,153,700	\$141,537
Herring, Thread	4,127,900	\$44,994	0	\$0	4,371,100	\$50,704
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,476,100	\$135,919	927,500	\$84,026	780,100	\$71,866
Mackerel, King	43,000	\$8,600	47,900	\$9,580	30,900	\$5,995
Mackerel, Spanish	133,600	\$20,040	118,500	\$17,775	156,400	\$23,460
Menhaden, Atlantic	221,555,400	\$2,414,953	190,431,300	\$1,980,480	279,887,800	\$3,246,699
Mullet, Striped	2,193,500	\$175,480	3,236,000	\$258,880	2,326,000	\$158,843
Oysters	1,209,100	\$615,467	1,216,200	\$560,442	1,311,000	\$587,607
Perch, White	346,500	\$34,650	303,600	\$30,360	442,300	\$44,230
Perch, Yellow	40,000	\$2,400	16,600	\$996	45,100	\$3,246
Porgies	240,800	\$19,264	138,600	\$11,088	34,000	\$2,716
Scallop, Bay	105,700	\$42,280	68,700	\$27,480	128,300	\$51,314
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	634,600	\$70,204	126,300	\$12,630	40,900	\$4,090
Seatrout, Spotted	209,100	\$52,275	171,200	\$42,800	388,800	\$97,200
Shad, American	673,200	\$168,300	506,700	\$126,675	418,600	\$104,650
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	276,500	\$13,825	180,700	\$9,035	99,500	\$5,970
Sharks	2,200	\$110	2,300	\$115	12,900	\$645
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	77,100	\$15,715	238,800	\$69,507	28,100	\$4,744
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	3,016,100	\$829,624	5,888,300	\$1,585,222	6,377,800	\$1,413,473
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	5,900	\$1,287	300	\$84	15,400	\$4,171
Spadefish	2,300	\$184	3,800	\$304	4,800	\$366
Spot	2,055,700	\$115,396	2,610,500	\$179,144	2,264,900	\$147,046
Striped Bass	549,700	\$87,952	782,300	\$125,168	871,500	\$157,456
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	300	\$28
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	900	\$45	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	2,307,700	\$127,046	2,240,300	\$124,298	2,912,700	\$166,583



**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1958		1957		1956	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	12,523,500	\$717,152	11,571,600	\$657,148	8,245,000	\$412,250
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	75,600	\$21,415	63,600	\$15,900	71,000	\$14,200
Bluefish	436,900	\$58,270	815,900	\$106,669	632,800	\$63,280
Catfishes	1,533,900	\$123,881	1,258,500	\$100,680	1,087,600	\$87,008
Clams, Hard	277,500	\$111,000	243,300	\$97,320	147,700	\$51,695
Croaker, Atlantic	6,920,600	\$530,542	2,915,900	\$219,543	4,828,800	\$289,728
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	6,600	\$412	139,600	\$11,168	30,100	\$3,010
Eel, American	86,800	\$3,472	63,000	\$2,520	113,100	\$4,524
Finfish, Other	1,388,000	\$77,879	1,836,500	\$87,263	1,254,700	\$64,096
Flounder, Southern	181,600	\$26,188	451,700	\$61,137	214,500	\$32,175
Flounder, Summer	518,300	\$58,718	784,200	\$88,050	787,600	\$79,905
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	31,600	\$2,296	84,900	\$5,889	26,700	\$1,602
Herring, River	14,914,300	\$149,143	11,773,200	\$117,734	12,553,400	\$134,810
Herring, Thread	74,400	\$5,200	12,057,300	\$166,390	5,000,000	\$68,500
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,054,300	\$97,699	1,599,800	\$144,308	1,433,800	\$114,704
Mackerel, King	59,200	\$11,720	45,800	\$8,290	7,300	\$1,314
Mackerel, Spanish	211,300	\$31,695	247,800	\$37,170	345,600	\$55,296
Menhaden, Atlantic	235,384,500	\$3,483,690	172,522,300	\$2,380,826	246,647,900	\$3,379,080
Mullet, Striped	2,229,000	\$157,715	2,127,100	\$145,090	2,194,100	\$175,528
Oysters	1,041,500	\$434,311	1,086,500	\$479,757	1,318,000	\$563,777
Perch, White	381,400	\$38,140	472,200	\$47,220	417,000	\$32,860
Perch, Yellow	35,700	\$2,142	22,100	\$1,326	53,400	\$3,184
Porgies	35,200	\$2,816	23,800	\$1,890	97,700	\$5,862
Scallop, Bay	169,400	\$57,935	108,400	\$37,073	125,200	\$62,600
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	27,200	\$2,720	36,000	\$3,540	79,700	\$7,970
Seatrout, Spotted	177,300	\$44,325	578,300	\$144,575	389,400	\$116,820
Shad, American	492,800	\$123,200	837,000	\$209,250	773,200	\$193,300
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	193,200	\$6,656	247,900	\$14,874	268,300	\$16,098
Sharks	4,200	\$210	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	11,900	\$1,614	20,300	\$1,538	20,000	\$1,952
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	2,518,100	\$719,375	7,933,100	\$2,262,944	6,243,200	\$1,594,368
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	27,700	\$7,756	225,100	\$63,028	130,400	\$36,512
Spadefish	0	\$0	0	\$0	0	\$0
Spot	2,320,900	\$172,606	2,157,500	\$156,244	2,574,800	\$180,236
Striped Bass	1,096,000	\$197,280	597,000	\$89,550	763,500	\$119,255
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	400	\$32	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	3,810,100	\$216,403	2,210,300	\$157,522	1,842,400	\$147,392

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1955		1954		1953	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	9,480,100	\$568,696	9,727,200	\$348,610	10,486,900	\$354,449
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	25,800	\$5,170	95,100	\$14,265	167,800	\$33,560
Bluefish	434,800	\$52,938	323,100	\$39,282	541,700	\$66,984
Catfishes	950,900	\$75,536	930,200	\$75,456	942,800	\$80,341
Clams, Hard	122,000	\$34,460	244,000	\$72,264	444,800	\$115,887
Croaker, Atlantic	992,600	\$53,636	1,015,500	\$50,593	1,433,900	\$69,118
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	135,400	\$13,540	267,400	\$24,714	285,100	\$28,276
Eel, American	45,200	\$2,922	37,000	\$2,258	52,400	\$2,440
Finfish, Other	1,542,100	\$74,530	1,747,500	\$103,132	1,545,100	\$103,261
Flounder, Southern	191,600	\$26,724	333,800	\$49,102	398,900	\$60,440
Flounder, Summer	934,500	\$112,290	1,311,300	\$193,743	1,444,600	\$214,603
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	0	\$0	0	\$0	0	\$0
Herring, River	12,647,900	\$129,670	12,758,000	\$127,580	13,841,500	\$138,415
Herring, Thread	0	\$0	0	\$0	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,281,300	\$103,194	1,879,400	\$136,770	1,490,200	\$132,416
Mackerel, King	13,200	\$2,500	0	\$0	0	\$0
Mackerel, Spanish	165,400	\$25,035	329,500	\$42,227	107,400	\$16,455
Menhaden, Atlantic	184,918,700	\$2,292,993	160,301,000	\$2,067,883	132,104,700	\$1,387,098
Mullet, Striped	1,888,200	\$191,720	1,781,100	\$184,273	2,505,800	\$243,842
Oysters	731,000	\$286,395	1,008,400	\$395,870	1,525,300	\$536,015
Perch, White	799,500	\$68,252	1,504,600	\$103,352	696,500	\$47,303
Perch, Yellow	27,900	\$2,046	28,200	\$1,872	58,600	\$3,926
Porgies	15,000	\$1,039	41,100	\$2,109	44,900	\$2,310
Scallop, Bay	78,300	\$39,150	51,700	\$25,850	65,300	\$32,650
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	19,100	\$2,706	41,400	\$4,700	82,300	\$9,556
Seatrout, Spotted	442,600	\$132,780	659,900	\$173,940	631,700	\$155,160
Shad, American	649,000	\$159,619	1,444,700	\$258,185	1,187,800	\$292,640
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	250,700	\$11,988	324,400	\$16,725	438,700	\$16,494
Sharks	0	\$0	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	0	\$0	5,000	\$500	9,000	\$900
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	10,323,600	\$2,369,306	9,182,400	\$1,836,480	14,645,100	\$3,622,950
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	0	\$0	0	\$0	0	\$0
Spadefish	0	\$0	0	\$0	0	\$0
Spot	1,898,000	\$189,692	2,389,900	\$159,698	2,814,700	\$175,546
Striped Bass	736,000	\$120,099	1,121,700	\$188,303	757,000	\$137,319
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	1,355,800	\$135,710	2,381,100	\$236,698	1,897,100	\$185,038

**Table 28. Commercial landings of select species of finfish and shellfish (\*\*\*) indicates confidential data; confidential data has been added to “Finfish, Other” and “Shellfish, Other” landings, where applicable) (continued).**

	1952		1951		1950	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	6,161,700	\$196,854	7,822,200	\$212,035	6,680,500	\$266,888
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	124,200	\$18,630	167,000	\$24,906	208,800	\$24,753
Bluefish	736,800	\$83,089	925,900	\$104,901	1,272,200	\$181,088
Catfishes	992,900	\$85,720	529,900	\$50,834	671,300	\$53,805
Clams, Hard	724,500	\$166,740	834,800	\$192,051	836,400	\$157,132
Croaker, Atlantic	1,346,300	\$66,325	2,102,100	\$112,531	2,095,800	\$103,406
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	222,700	\$26,584	182,400	\$21,888	200,900	\$20,793
Eel, American	38,600	\$1,452	32,600	\$1,682	174,600	\$21,490
Finfish, Other	2,592,500	\$154,576	2,934,300	\$102,888	2,254,700	\$115,379
Flounder, Southern	501,700	\$85,928	463,300	\$86,299	618,200	\$93,432
Flounder, Summer	1,654,300	\$261,712	1,015,500	\$168,547	1,221,500	\$184,491
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	0	\$0	100	\$15	0	\$0
Herring, River	6,510,200	\$81,221	12,534,500	\$129,267	6,422,500	\$128,459
Herring, Thread	0	\$0	0	\$0	32,000	\$240
Hog Snapper	0	\$0	2,000	\$60	4,400	\$132
Kingfishes	1,484,500	\$141,167	1,122,100	\$100,373	1,398,600	\$126,800
Mackerel, King	0	\$0	300	\$36	0	\$0
Mackerel, Spanish	174,300	\$29,079	206,300	\$31,781	147,500	\$23,725
Menhaden, Atlantic	191,341,300	\$1,626,501	104,012,900	\$978,562	124,904,900	\$1,221,468
Mullet, Striped	3,850,400	\$361,647	4,013,000	\$393,356	3,220,800	\$357,194
Oysters	1,620,900	\$600,238	1,531,900	\$632,122	1,322,100	\$555,686
Perch, White	458,100	\$41,724	394,100	\$42,213	510,200	\$50,913
Perch, Yellow	45,800	\$3,784	39,200	\$3,928	34,900	\$3,490
Porgies	104,500	\$7,423	152,800	\$7,650	59,400	\$4,198
Scallop, Bay	253,800	\$126,900	183,400	\$95,696	71,600	\$38,906
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	109,800	\$13,002	94,000	\$9,818	75,600	\$6,140
Seatrout, Spotted	643,400	\$191,230	267,400	\$80,840	482,000	\$143,719
Shad, American	1,479,200	\$377,091	1,244,500	\$300,116	1,100,300	\$339,970
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	453,000	\$19,799	196,000	\$14,007	294,900	\$13,684
Sharks	0	\$0	6,600	\$390	5,500	\$550
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	28,200	\$2,940	67,100	\$7,631	27,800	\$4,093
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	8,712,600	\$1,905,065	8,199,500	\$1,949,907	8,311,200	\$1,999,358
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	5,000	\$1,000	7,500	\$1,500	0	\$0
Spadefish	0	\$0	0	\$0	0	\$0
Spot	5,548,000	\$249,355	4,614,500	\$210,728	5,172,300	\$234,090
Striped Bass	647,000	\$121,231	702,200	\$134,110	796,800	\$165,207
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	141,000	\$4,231
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	0	\$0	0	\$0	0	\$0

**Table 29. Number of participants, trips, and vessels for specific species.**

Fish	2015			2014			2013		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	84	688	87	94	809	96	99	620	101
Blue Crabs, Hard	883	52,113	1,093	887	51,219	1,052	815	46,739	968
Blue Crabs, Peeler	534	13,537	612	534	14,096	600	502	13,687	601
Blue Crabs, Soft	241	5,574	271	259	5,712	290	253	6,393	281
Bluefish	549	6,403	604	682	7,672	754	742	8,282	793
Catfishes	448	8,184	487	405	6,404	428	462	8,565	491
Clams, Hard	650	21,393	456	607	19,644	477	516	16,496	414
Croaker, Atlantic	556	4,398	583	685	6,346	754	677	5,629	720
Dolphin	160	572	172	185	911	195	193	953	204
Drum, Red	450	4,127	493	553	3,923	569	977	15,872	1,065
Eel, American	29	129	32	34	154	39	27	82	27
Finfish, Other	1,184	15,976	1,305	1,252	15,531	1,371	1,459	21,567	1,600
Flounder, Southern	1,028	13,886	1,123	1,222	18,121	1,321	1,287	23,579	1,439
Flounder, Summer	207	725	216	217	777	222	189	738	196
Groupers	100	1,232	104	107	1,352	112	104	1,314	108
Herring, River	0	0	0	6	13	5	12	19	11
Herring, Thread	5	105	5	5	66	5	5	26	5
Hog Snapper	31	130	36	29	127	33	21	112	24
Mackerel, King	195	1,389	205	202	1,840	216	230	1,382	240
Mackerel, Spanish	305	2,965	325	357	3,108	390	340	2,846	359
Menhaden, Atlantic	300	2,648	315	357	3,184	375	358	2,532	381
Monkfish	88	203	93	97	290	102	56	107	60
Mullet, Sea	598	5,993	660	683	7,291	764	742	8,113	801
Mullet, Striped	750	7,337	823	864	8,368	924	971	9,802	1,063
Oysters	867	17,088	704	970	20,520	800	908	18,576	747
Perch, White	338	4,182	364	319	3,937	334	375	4,983	400
Perch, Yellow	163	1,781	172	169	1,973	181	170	1,946	183
Porgies	85	723	88	96	848	101	86	858	88
Scallop, Bay	0	0	0	0	0	0	23	41	22
Scup	42	59	45	45	86	49	26	41	28
Sea Basses	170	1,481	180	179	1,720	188	132	1,205	139
Seatrout, Spotted	626	4,831	683	849	7,223	905	1,093	15,302	1,229
Shad, American	207	1,535	197	215	1,609	206	238	3,010	237
Shad, Gizzard	91	841	78	53	465	48	72	762	62
Shad, Hickory	255	1,890	252	210	1,810	210	299	2,812	297
Sharks	136	1,172	143	126	1,219	128	149	1,118	153
Sharks, Dogfishes	124	1,180	133	143	1,718	156	146	1,517	158
Shellfish, Other	689	7,912	659	688	8,197	678	639	8,779	658
Shrimp	493	8,171	556	416	6,478	466	454	8,682	500
Snappers	81	665	82	88	748	90	76	724	80
Spadefish	117	606	120	134	609	142	193	844	199
Spot	587	4,349	626	786	7,590	859	827	7,384	899
Striped Bass	337	4,852	341	331	3,660	325	350	3,648	348
Swordfish	26	252	27	31	283	31	33	371	33
Tilefishes	60	223	59	67	324	69	70	400	69
Triggerfish	74	581	75	57	325	58	104	562	106
Tunas	373	2,743	389	344	3,207	371	347	2,774	361
Wahoo	106	214	108	95	221	100	128	271	128
Weakfish	467	4,465	506	582	5,885	636	697	7,119	754

**Table 29. Number of participants, trips, and vessels for specific species (continued).**

Fish	2012			2011			2010		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	100	659	98	92	695	92	142	915	145
Blue Crabs, Hard	837	46,891	987	883	48,226	1,047	944	49,620	1,115
Blue Crabs, Peeler	506	10,748	576	511	8,081	572	551	10,530	616
Blue Crabs, Soft	229	5,812	243	209	4,308	219	238	5,621	251
Bluefish	676	8,215	741	699	8,439	774	676	8,102	740
Catfishes	416	7,133	429	384	5,745	400	448	7,194	473
Clams, Hard	489	16,793	394	565	17,597	419	698	20,874	484
Croaker, Atlantic	626	5,316	674	549	4,838	602	752	7,274	816
Dolphin	190	964	194	194	861	204	241	987	248
Drum, Red	576	4,273	627	550	5,187	595	678	8,884	749
Eel, American	38	186	38	37	138	41	37	163	39
Finfish, Other	1,339	20,420	1,508	1,196	15,643	1,298	1,271	16,355	1,382
Flounder, Southern	1,202	20,926	1,333	1,040	15,810	1,141	1,182	20,408	1,329
Flounder, Summer	185	636	190	184	658	193	224	1,015	226
Groupers	106	1,317	105	102	1,394	105	148	1,808	152
Herring, River	10	18	8	16	30	14	16	41	17
Herring, Thread	3	70	3	5	28	5	0	0	0
Hog Snapper	25	126	27	27	132	28	39	168	38
Mackerel, King	245	1,407	243	245	1,416	252	300	1,615	308
Mackerel, Spanish	361	3,703	394	336	3,610	357	408	3,606	431
Menhaden, Atlantic	308	2,164	332	293	1,904	311	258	1,629	277
Monkfish	84	247	86	76	234	81	88	240	91
Mullet, Sea	678	6,843	738	608	5,028	656	653	6,134	713
Mullet, Striped	890	8,433	967	827	7,578	903	896	9,953	990
Oysters	961	16,534	761	1,115	22,641	932	1,181	24,612	1,009
Perch, White	356	4,059	369	325	3,653	339	351	4,150	360
Perch, Yellow	166	1,359	172	172	1,490	177	172	1,989	168
Porgies	92	881	90	92	992	96	120	1,065	122
Scallop, Bay	0	0	0	0	0	0	3	5	2
Scup	11	13	11	45	81	48	38	63	41
Sea Basses	131	840	133	158	588	166	198	1,124	203
Seatrout, Spotted	945	9,458	1,056	673	4,402	728	726	6,540	809
Shad, American	253	3,261	246	241	2,908	244	304	3,592	299
Shad, Gizzard	86	1,074	83	75	866	68	92	802	80
Shad, Hickory	255	2,201	263	228	1,686	228	282	2,028	279
Sharks	171	1,529	175	128	956	130	117	925	117
Sharks, Dogfishes	225	1,852	235	208	1,819	213	174	1,579	186
Shellfish, Other	615	8,000	615	547	6,305	531	522	5,966	502
Shrimp	471	8,922	517	390	5,359	407	484	7,861	530
Snappers	81	641	78	79	654	82	107	661	106
Spadefish	189	1,062	195	138	624	144	122	485	124
Spot	598	4,114	657	679	5,502	751	652	4,773	711
Striped Bass	329	4,207	315	494	5,569	489	492	7,199	498
Swordfish	28	303	28	29	267	30	23	232	22
Tilefishes	73	418	69	55	258	56	69	546	67
Triggerfish	102	822	99	97	955	99	142	1,193	141
Tunas	360	2,852	372	278	1,948	295	312	2,031	318
Wahoo	108	281	110	108	194	109	86	160	87
Weakfish	582	5,485	638	460	3,986	497	534	4,776	575

**Table 29. Number of participants, trips, and vessels for specific species (continued).**

Fish	2009			2008			2007		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	256	1,353	261	248	1,554	265	239	1,477	254
Blue Crabs, Hard	943	53,929	1,113	857	46,152	1,014	890	47,135	1,018
Blue Crabs, Peeler	561	12,644	617	526	12,726	588	548	12,457	603
Blue Crabs, Soft	245	5,911	267	245	6,334	272	270	6,818	284
Bluefish	834	9,174	918	831	9,300	910	768	9,736	848
Catfishes	486	9,295	536	427	7,894	452	490	8,905	535
Clams, Hard	739	21,479	523	776	23,126	557	895	27,964	632
Croaker, Atlantic	757	7,187	834	659	6,104	714	691	5,947	750
Dolphin	320	1,432	329	283	1,127	295	335	1,305	345
Drum, Red	802	11,646	883	827	12,002	899	806	12,431	901
Eel, American	34	128	36	23	64	25	34	137	36
Finfish, Other	1,435	21,937	1,597	1,458	21,143	1,614	1,439	20,727	1,611
Flounder, Southern	1,299	29,395	1,464	1,235	28,966	1,411	1,248	28,397	1,428
Flounder, Summer	239	1,184	249	224	996	234	245	1,283	262
Groupers	243	2,474	258	274	2,728	292	268	2,890	288
Herring, River	14	27	13	9	25	11	10	22	9
Herring, Thread	0	0	0	0	0	0	0	0	0
Hog Snapper	49	194	50	58	266	59	60	209	61
Mackerel, King	486	3,267	509	458	3,412	478	547	4,540	601
Mackerel, Spanish	555	4,028	600	416	2,429	438	401	2,755	424
Menhaden, Atlantic	296	2,061	312	310	1,896	322	314	3,057	342
Monkfish	104	359	112	106	376	111	113	433	118
Mullet, Sea	751	7,198	828	760	7,233	834	662	6,892	747
Mullet, Striped	870	8,423	963	833	8,343	908	817	9,155	916
Oysters	953	17,233	800	874	16,295	713	873	15,738	707
Perch, White	369	5,188	410	357	5,153	388	387	4,907	409
Perch, Yellow	188	2,341	204	164	1,788	173	142	1,427	144
Porgies	168	1,218	173	213	1,521	225	209	1,477	223
Scallop, Bay	208	1,094	165	0	0	0	0	0	0
Scup	27	55	28	36	90	39	38	67	39
Sea Basses	275	1,943	297	295	1,785	315	304	1,842	329
Seatrout, Spotted	966	11,889	1,086	921	10,600	1,026	859	11,092	978
Shad, American	226	2,758	229	242	2,359	244	289	3,710	293
Shad, Gizzard	38	569	38	42	479	42	88	878	81
Shad, Hickory	231	1,916	234	255	2,171	257	228	1,751	231
Sharks	114	862	116	120	893	123	129	845	135
Sharks, Dogfishes	190	1,505	195	117	932	117	111	988	116
Shellfish, Other	594	6,626	574	574	6,878	555	535	6,092	518
Shrimp	459	7,770	506	515	8,079	556	482	9,287	533
Snappers	190	1,469	196	223	1,874	238	214	1,691	231
Spadefish	185	1,125	203	188	894	194	182	974	190
Spot	948	8,888	1,064	821	7,095	899	812	7,599	904
Striped Bass	484	4,784	495	636	4,394	606	812	8,240	716
Swordfish	21	221	22	26	222	29	27	292	26
Tilefishes	77	582	78	72	533	72	55	417	58
Triggerfish	218	1,616	230	187	1,558	200	198	1,415	208
Tunas	462	2,832	474	437	2,677	445	430	3,322	457
Wahoo	115	229	116	108	199	114	173	385	177
Weakfish	675	4,718	731	756	6,404	823	703	6,092	771

**Table 29. Number of participants, trips, and vessels for specific species (continued).**

Fish	2006			2005			2004		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	159	1,028	170	147	949	161	166	941	175
Blue Crabs, Hard	945	46,790	1,074	1,143	56,191	1,332	1,430	74,171	1,641
Blue Crabs, Peeler	547	9,013	599	722	11,941	791	778	12,728	857
Blue Crabs, Soft	241	5,753	260	286	6,655	319	357	7,174	386
Bluefish	733	8,777	812	784	8,372	876	749	8,031	819
Catfishes	463	8,042	513	486	7,480	539	467	7,995	524
Clams, Hard	840	24,970	606	899	23,519	690	1,067	30,429	754
Croaker, Atlantic	637	5,900	701	682	6,510	747	826	7,878	916
Dolphin	258	972	273	233	877	251	291	1,116	312
Drum, Red	748	9,985	842	696	8,307	797	513	3,543	563
Eel, American	29	142	32	36	223	40	55	353	60
Finfish, Other	1,335	18,291	1,474	1,164	14,014	1,291	1,296	15,258	1,415
Flounder, Southern	1,182	26,202	1,369	1,177	23,374	1,359	1,360	27,071	1,568
Flounder, Summer	241	1,230	249	228	1,082	238	296	1,949	299
Groupers	212	2,227	235	186	2,025	203	196	2,039	215
Herring, River	99	1,029	104	144	1,792	154	136	1,503	148
Herring, Thread	2	2	2	3	13	3	0	0	0
Hog Snapper	56	221	60	51	247	55	52	218	59
Mackerel, King	448	3,913	487	448	3,741	476	446	3,227	484
Mackerel, Spanish	332	2,479	352	365	2,712	389	297	2,189	314
Menhaden, Atlantic	354	4,161	385	391	3,974	429	334	3,271	362
Monkfish	120	499	128	103	367	107	160	597	161
Mullet, Sea	653	6,613	719	576	5,082	627	665	6,783	717
Mullet, Striped	795	7,819	894	819	8,041	922	796	7,829	884
Oysters	789	14,326	666	726	12,111	628	725	11,889	608
Perch, White	363	4,792	400	386	4,821	420	362	5,049	405
Perch, Yellow	131	1,223	145	155	1,180	160	181	1,896	201
Porgies	156	1,206	168	151	1,132	164	131	1,077	148
Scallop, Bay	0	0	0	0	0	0	1	2	1
Scup	44	108	46	49	103	51	36	84	37
Sea Basses	267	2,198	292	266	1,886	290	285	2,216	308
Seatrout, Spotted	875	9,639	973	732	5,818	817	713	5,736	783
Shad, American	275	3,671	283	337	3,813	350	359	3,947	365
Shad, Gizzard	65	870	62	92	893	94	66	990	64
Shad, Hickory	248	2,036	244	296	2,294	305	313	2,325	324
Sharks	116	924	124	117	906	120	151	828	153
Sharks, Dogfishes	81	845	88	88	662	94	122	809	119
Shellfish, Other	467	5,261	473	450	4,426	446	550	5,676	505
Shrimp	440	8,021	476	400	6,578	431	584	11,881	625
Snappers	157	1,306	170	163	1,266	171	158	1,202	175
Spadefish	203	1,144	221	186	1,008	206	179	1,146	193
Spot	892	8,612	987	920	9,635	1,036	1,044	10,573	1,157
Striped Bass	614	7,962	655	1,028	10,877	985	846	9,347	891
Swordfish	20	258	22	25	210	25	22	182	22
Tilefishes	51	395	52	54	391	54	43	346	47
Triggerfish	146	1,158	158	133	1,081	145	156	1,268	167
Tunas	438	3,192	460	474	2,624	493	578	3,257	607
Wahoo	135	260	139	134	248	141	152	337	158
Weakfish	716	7,239	796	726	7,804	798	792	8,554	882

**Table 29. Number of participants, trips, and vessels for specific species (continued).**

Fish	2003			2002			2001		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	184	1,117	196	176	1,178	183	196	1,247	210
Blue Crabs, Hard	1,510	83,769	1,833	1,597	82,083	1,900	1,719	96,742	2,265
Blue Crabs, Peeler	850	15,027	984	919	16,353	1,071	1,007	25,159	1,239
Blue Crabs, Soft	429	10,683	477	449	13,445	505	534	15,966	620
Bluefish	760	8,594	869	885	10,133	1,004	945	10,923	1,097
Catfishes	565	10,729	663	507	10,900	616	584	12,296	720
Clams, Hard	1,206	30,837	848	1,411	35,597	922	1,828	48,759	1,210
Croaker, Atlantic	796	7,361	892	957	8,815	1,081	1,123	12,954	1,299
Dolphin	255	963	275	318	1,434	336	305	1,199	317
Drum, Red	682	6,845	798	737	6,709	841	781	8,863	905
Eel, American	67	427	72	49	287	51	71	460	81
Finfish, Other	1,411	18,579	1,639	1,641	23,574	1,874	1,547	20,259	1,809
Flounder, Southern	1,438	27,515	1,708	1,584	33,410	1,881	1,736	36,006	2,124
Flounder, Summer	268	1,796	280	262	1,736	273	275	1,713	296
Groupers	204	2,108	223	208	2,677	219	216	2,404	237
Herring, River	180	2,087	205	146	1,902	163	151	1,418	172
Herring, Thread	1	3	1	2	9	2	0	0	0
Hog Snapper	50	282	54	67	306	70	53	273	60
Mackerel, King	405	2,752	455	447	3,155	479	456	3,652	497
Mackerel, Spanish	335	2,485	369	478	3,261	521	518	3,756	586
Menhaden, Atlantic	390	4,312	446	420	6,089	476	482	5,431	550
Monkfish	142	651	149	140	642	143	147	548	151
Mullet, Sea	620	6,750	697	663	6,473	739	662	7,222	781
Mullet, Striped	920	9,616	1,051	1,032	10,622	1,171	1,070	10,726	1,245
Oysters	636	9,282	530	644	9,061	540	651	9,402	612
Perch, White	439	8,070	519	429	7,595	510	472	6,857	571
Perch, Yellow	259	3,491	298	226	3,156	275	297	3,465	347
Porgies	146	1,216	159	156	1,409	163	159	1,400	177
Scallop, Bay	68	243	58	74	335	68	26	56	21
Scup	18	26	17	2	4	2	0	0	0
Sea Basses	279	2,063	296	305	2,481	327	292	2,624	319
Seatrout, Spotted	817	5,963	935	989	8,855	1,146	901	6,490	1,056
Shad, American	422	4,574	458	401	4,292	432	461	5,037	520
Shad, Gizzard	68	1,027	73	84	1,478	93	83	1,114	91
Shad, Hickory	295	2,004	316	272	1,781	280	389	3,351	430
Sharks	131	1,014	137	156	1,113	163	187	1,235	202
Sharks, Dogfishes	82	502	86	65	469	67	89	556	92
Shellfish, Other	561	6,819	538	558	5,660	547	629	5,868	589
Shrimp	599	14,057	673	798	18,342	884	722	14,072	836
Snappers	136	1,131	144	173	1,715	181	175	1,702	194
Spadefish	158	663	170	215	1,152	232	229	1,082	246
Spot	1,065	10,996	1,203	1,260	13,128	1,432	1,258	11,912	1,457
Striped Bass	771	11,455	894	814	11,279	948	751	12,066	885
Swordfish	23	173	23	26	182	25	32	235	33
Tilefishes	46	431	50	63	578	66	66	539	75
Triggerfish	122	1,083	131	177	1,385	186	155	1,347	171
Tunas	442	2,672	476	411	2,869	433	479	3,503	521
Wahoo	144	306	148	147	299	156	168	373	176
Weakfish	818	8,791	936	970	10,094	1,098	1,029	12,030	1,206



**Table 29. Number of participants, trips, and vessels for specific species (continued).**

Fish	2000			1999			1998		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	206	1,332	228	201	1,356	239	199	1,209	206
Blue Crabs, Hard	1,671	94,034	2,212	1,832	105,029	2,874	1,896	119,570	2,238
Blue Crabs, Peeler	1,001	26,008	1,214	1,001	25,951	1,393	981	31,433	1,115
Blue Crabs, Soft	524	14,785	628	513	12,888	681	525	13,733	610
Bluefish	959	11,643	1,108	974	12,087	1,189	1,080	13,743	1,171
Catfishes	630	12,213	767	636	14,376	876	646	13,578	752
Clams, Hard	1,640	41,989	1,279	1,486	32,889	1,373	1,326	40,820	1,402
Croaker, Atlantic	1,114	11,811	1,276	1,116	12,980	1,462	1,092	10,662	1,226
Dolphin	272	1,238	289	331	1,423	367	273	1,295	280
Drum, Red	981	9,753	1,151	909	10,603	1,222	694	5,613	782
Eel, American	108	576	117	101	574	119	102	554	109
Finfish, Other	1,707	24,043	2,004	1,734	25,630	2,264	1,673	21,138	1,861
Flounder, Southern	1,896	37,493	2,296	1,795	35,415	2,515	1,837	39,435	2,137
Flounder, Summer	358	2,530	391	345	3,026	393	353	2,536	380
Groupers	211	2,278	253	267	2,821	314	309	3,558	323
Herring, River	210	2,461	247	204	2,815	222	223	2,809	248
Herring, Thread	3	4	3	2	5	2	4	15	5
Hog Snapper	57	322	63	74	391	88	78	434	83
Mackerel, King	477	4,064	529	437	3,617	538	578	4,074	589
Mackerel, Spanish	603	4,550	684	540	3,543	640	589	4,138	671
Menhaden, Atlantic	380	4,145	451	419	3,809	511	250	2,385	286
Monkfish	173	757	184	173	812	183	165	694	167
Mullet, Sea	750	8,656	874	783	9,428	951	745	8,768	829
Mullet, Striped	1,230	13,631	1,460	990	10,391	1,247	1,183	12,848	1,330
Oysters	560	7,709	546	521	7,459	556	502	7,568	540
Perch, White	561	8,224	678	530	9,177	709	506	7,027	588
Perch, Yellow	342	4,271	406	374	5,650	477	347	4,776	397
Porgies	108	658	116	202	1,539	235	264	2,604	277
Scallop, Bay	71	341	71	81	441	81	134	1,059	139
Scup	0	0	0	1	1	1	27	38	29
Sea Basses	310	2,315	361	380	3,026	459	423	3,873	454
Seatrout, Spotted	1,159	11,241	1,357	1,291	15,319	1,689	1,147	12,384	1,293
Shad, American	537	5,277	601	463	4,718	507	483	5,098	515
Shad, Gizzard	142	2,476	165	164	2,780	198	153	2,763	172
Shad, Hickory	391	2,625	435	434	3,644	474	430	2,538	459
Sharks	190	1,369	204	174	1,207	196	228	1,293	235
Sharks, Dogfishes	179	1,555	193	180	1,886	197	208	2,049	221
Shellfish, Other	586	4,668	609	542	4,547	589	562	5,802	622
Shrimp	936	18,441	1,138	832	19,821	1,082	692	14,969	795
Snappers	166	1,603	193	200	1,810	232	230	2,051	235
Spadefish	231	1,287	259	298	1,613	377	223	1,154	246
Spot	1,389	13,229	1,569	1,275	12,382	1,598	1,176	11,355	1,339
Striped Bass	698	11,706	847	699	9,097	855	706	6,702	793
Swordfish	25	155	23	30	179	33	30	208	19
Tilefishes	56	425	59	73	582	95	94	621	93
Triggerfish	151	1,194	175	187	1,503	219	223	1,901	228
Tunas	421	3,201	464	415	3,266	474	444	2,959	449
Wahoo	154	354	158	181	460	194	165	359	150
Weakfish	1,128	13,992	1,306	1,169	17,074	1,526	1,170	16,854	1,327

**Table 29. Number of participants, trips, and vessels for specific species (continued).**

Fish	1997			1996			1995		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	270	1,535	280	241	1,348	250	270	1,677	286
Blue Crabs, Hard	2,187	110,754	2,553	2,187	107,379	2,701	2,104	110,218	2,664
Blue Crabs, Peeler	1,070	28,507	1,220	996	21,116	1,143	865	19,522	1,034
Blue Crabs, Soft	609	12,541	703	492	8,596	566	487	8,958	545
Bluefish	1,195	16,520	1,317	1,035	10,993	1,138	1,161	13,894	1,276
Catfishes	800	16,594	897	787	13,668	917	792	14,693	904
Clams, Hard	1,535	45,047	1,559	1,568	43,055	1,652	1,753	50,606	1,877
Croaker, Atlantic	1,358	15,214	1,503	1,311	15,418	1,508	1,432	18,265	1,637
Dolphin	363	1,528	362	341	1,423	353	506	2,430	531
Drum, Red	571	2,440	636	849	4,891	940	1,036	7,496	1,151
Eel, American	109	618	124	108	547	125	108	438	115
Finfish, Other	2,004	27,078	2,228	2,134	27,061	2,432	1,997	25,409	2,222
Flounder, Southern	2,216	46,542	2,553	2,194	40,604	2,589	2,277	45,745	2,708
Flounder, Summer	403	2,768	428	419	2,577	441	480	2,164	469
Groupers	340	3,674	349	328	3,097	365	382	3,918	411
Herring, River	231	2,673	246	265	3,215	282	232	2,912	241
Herring, Thread	1	15	2	1	11	2	4	17	5
Hog Snapper	85	454	95	82	456	94	118	643	138
Mackerel, King	693	5,331	696	553	3,196	593	666	4,675	720
Mackerel, Spanish	784	5,989	875	580	3,959	654	609	4,309	678
Menhaden, Atlantic	309	2,421	323	264	1,640	291	137	964	141
Monkfish	149	725	151	194	909	183	202	751	175
Mullet, Sea	871	11,021	976	830	8,907	940	937	12,495	1,059
Mullet, Striped	1,411	14,363	1,566	1,423	13,961	1,599	1,457	13,819	1,603
Oysters	498	8,130	492	504	8,047	554	582	8,754	625
Perch, White	575	7,045	632	588	7,224	672	517	6,077	578
Perch, Yellow	385	5,013	426	389	4,038	446	330	3,622	357
Porgies	295	2,536	305	305	2,478	332	350	3,017	384
Scallop, Bay	96	675	97	89	446	94	284	2,108	291
Scup	15	21	16	47	95	50	65	124	66
Sea Basses	430	3,993	446	507	3,620	538	525	3,959	576
Seatrout, Spotted	1,217	10,924	1,360	1,210	9,502	1,364	1,548	16,856	1,778
Shad, American	566	5,666	605	614	5,202	640	578	4,312	608
Shad, Gizzard	186	2,556	205	261	3,473	279	198	2,576	212
Shad, Hickory	439	2,701	460	516	3,635	540	427	2,738	445
Sharks	269	1,798	267	292	1,563	285	312	2,156	313
Sharks, Dogfishes	252	2,792	257	290	3,378	294	267	2,608	269
Shellfish, Other	526	5,008	587	621	5,855	689	688	6,785	743
Shrimp	911	20,444	1,057	865	17,084	1,073	1,080	23,890	1,255
Snappers	260	2,207	261	249	1,905	267	294	2,334	315
Spadefish	301	1,907	354	213	1,375	244	236	1,470	270
Spot	1,396	13,762	1,568	1,357	12,334	1,545	1,298	11,468	1,437
Striped Bass	814	8,715	896	612	6,639	655	747	6,540	816
Swordfish	28	171	15	32	198	23	38	222	19
Tilefishes	106	775	103	78	562	75	90	553	99
Triggerfish	302	2,303	314	253	1,745	270	277	2,071	297
Tunas	553	4,524	550	483	3,228	484	577	4,107	569
Wahoo	178	401	172	189	439	187	281	784	268
Weakfish	1,420	21,235	1,578	1,318	17,653	1,466	1,455	20,565	1,640

**Table 29. Number of participants, trips, and vessels for specific species (continued).**

Fish	1994		
	Participants	Trips	Vessels
Amberjack	294	1,655	316
Blue Crabs, Hard	2,008	109,603	2,445
Blue Crabs, Peeler	722	14,181	801
Blue Crabs, Soft	404	7,196	451
Bluefish	1,054	11,045	1,159
Catfishes	763	16,017	876
Clams, Hard	1,686	53,019	1,760
Croaker, Atlantic	1,287	14,349	1,495
Dolphin	403	1,853	452
Drum, Red	804	4,066	893
Eel, American	89	358	98
Finfish, Other	2,003	24,435	2,237
Flounder, Southern	2,196	42,457	2,568
Flounder, Summer	456	3,460	490
Groupers	414	4,506	458
Herring, River	232	3,658	248
Herring, Thread	18	39	18
Hog Snapper	100	520	114
Mackerel, King	712	4,983	767
Mackerel, Spanish	658	4,713	742
Menhaden, Atlantic	125	1,104	137
Monkfish	151	838	152
Mullet, Sea	830	11,088	945
Mullet, Striped	1,366	13,649	1,523
Oysters	549	7,248	563
Perch, White	533	7,404	604
Perch, Yellow	362	4,567	407
Porgies	410	3,560	442
Scallop, Bay	191	788	201
Scup	40	122	45
Sea Basses	583	5,075	648
Seatrout, Spotted	1,399	13,659	1,570
Shad, American	488	4,088	514
Shad, Gizzard	178	2,922	199
Shad, Hickory	351	2,116	356
Sharks	353	2,338	381
Sharks, Dogfishes	212	2,436	219
Shellfish, Other	664	6,063	741
Shrimp	989	21,746	1,229
Snappers	342	2,805	359
Spadefish	192	1,097	218
Spot	1,246	10,897	1,404
Striped Bass	546	3,346	587
Swordfish	19	142	19
Tilefishes	105	547	118
Triggerfish	317	2,326	348
Tunas	533	4,101	554
Wahoo	192	447	201
Weakfish	1,355	17,414	1,491

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data).**

2015			
Waterbody	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	13,147,276	1
	Catfishes	438,747	2
	Flounder, Southern	262,212	3
	Blue Crabs, Soft	251,880	4
	Blue Crabs, Peeler	165,077	5
Alligator River	Blue Crabs, Hard	3,334,296	1
	Blue Crabs, Peeler	72,724	2
	Perch, White	8,311	3
	Catfishes	7,116	4
	Striped Bass	1,196	5
Back Bay (VA)	Blue Crabs, Hard	29,872	1
Bay River	Blue Crabs, Hard	336,742	1
	Mullet, Striped	32,127	2
	Shrimp, Brown	21,613	3
	Seatrout, Spotted	20,641	4
	Flounder, Southern	12,144	5
Bogue Sound	Blue Crabs, Hard	164,655	1
	Mullet, Striped	92,371	2
	Menhaden, Atlantic	28,751	3
	Clams, Hard	26,314	4
	Shrimp, White	25,435	5
Cape Fear River	Blue Crabs, Hard	364,411	1
	Shrimp, White	29,224	2
	Shad, American	25,039	3
	Flounder, Southern	23,373	4
	Blue Crabs, Peeler	20,412	5
Chowan River	Catfishes	413,374	1
	Shad, Gizzard	59,915	2
	Striped Bass	7,067	3
	Perch, White	5,644	4
	Blue Crabs, Hard	***	5
Core Sound	Blue Crabs, Hard	280,264	1
	Shrimp, Brown	169,002	2
	Flounder, Southern	155,424	3
	Menhaden, Atlantic	153,582	4
	Mullet, Striped	114,129	5
Croatan Sound	Blue Crabs, Hard	1,354,233	1
	Blue Crabs, Peeler	180,734	2
	Mullet, Striped	125,874	3
	Blue Crabs, Soft	65,582	4
	Menhaden, Atlantic	62,649	5
Currituck Sound	Blue Crabs, Hard	2,203,182	1
	Flounder, Southern	52,034	2
	Blue Crabs, Peeler	38,578	3
	Mullet, Striped	25,990	4
	Catfishes	19,193	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2015			
Waterbody	Species	Pounds	Rank
Inland Waterway (Brunswick)	Blue Crabs, Hard	101,472	1
	Flounder, Southern	8,721	2
	Shrimp, White	6,150	3
	Shrimp, Brown	6,094	4
	Spot	5,473	5
Inland Waterway (Onslow)	Shrimp, Brown	26,840	1
	Blue Crabs, Hard	25,099	2
	Shrimp, White	22,958	3
	Mullet, Striped	20,190	4
	Clams, Hard	17,309	5
Lockwood's Folly	Oysters	12,047	1
	Blue Crabs, Hard	5,746	2
	Clams, Hard	4,268	3
	Seatrout, Spotted	3,388	4
	Flounder, Southern	2,834	5
Masonboro Sound	Blue Crabs, Hard	135,471	1
	Oysters	33,226	2
	Flounder, Southern	32,264	3
	Spot	17,283	4
	Mullet, Striped	9,695	5
Neuse River	Blue Crabs, Hard	1,137,175	1
	Shrimp, Brown	184,015	2
	Mullet, Striped	81,154	3
	Seatrout, Spotted	36,109	4
	Menhaden, Atlantic	24,112	5
New River	Clams, Hard	207,218	1
	Blue Crabs, Hard	182,377	2
	Shrimp, White	90,102	3
	Shrimp, Brown	63,699	4
	Mullet, Striped	62,820	5
Newport River	Shrimp, Brown	162,525	1
	Blue Crabs, Hard	129,495	2
	Shrimp, White	73,609	3
	Oysters	38,402	4
	Clams, Hard	19,845	5
North River/Back Sound	Blue Crabs, Hard	103,759	1
	Shrimp, White	51,596	2
	Oysters	19,982	3
	Clams, Hard	17,878	4
	Shrimp, Brown	17,482	5
Ocean 0-3 mi, N of Cape Hatteras	Sharks, Dogfishes	947,268	1
	Croaker, Atlantic	528,126	2
	Sharks	127,689	3
	Bluefish	72,719	4
	Kingfishes	46,225	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

		2015	
Waterbody	Species	Pounds	Rank
Ocean 0-3 mi, S of Cape Hatteras	Sharks, Dogfishes	3,219,025	1
	Shrimp, White	875,729	2
	Kingfishes	587,195	3
	Shrimp, Brown	509,833	4
	Sharks	471,047	5
Ocean >3 mi, N of Cape Hatteras	Flounder, Summer	2,861,470	1
	Croaker, Atlantic	1,050,033	2
	Tunas	718,582	3
	Sea Basses	240,602	4
	Scup	229,664	5
Ocean >3 mi, S of Cape Hatteras	Tunas	519,559	1
	Swordfish	406,026	2
	Mackerel, King	297,734	3
	Groupers	258,018	4
	Dolphinfish	251,831	5
Pamlico River	Blue Crabs, Hard	2,198,264	1
	Flounder, Southern	29,841	2
	Mullet, Striped	23,812	3
	Menhaden, Atlantic	17,929	4
	Striped Bass	16,829	5
Pamlico Sound	Shrimp, Brown	5,014,511	1
	Blue Crabs, Hard	3,359,479	2
	Shrimp, White	1,486,890	3
	Flounder, Southern	470,011	4
	Bluefish	346,601	5
Pasquotank River	Blue Crabs, Hard	***	1
	Catfishes	***	2
	Flounder, Southern	***	3
	Perch, White	***	4
	Striped Bass	***	5
Perquimans River	Blue Crabs, Hard	45,724	1
	Catfishes	6,679	2
	Mullet, Striped	5,811	3
	Perch, Yellow	5,743	4
	Flounder, Southern	2,678	5
Pungo River	Blue Crabs, Hard	906,321	1
	Blue Crabs, Peeler	8,618	2
	Perch, White	2,976	3
	Mullet, Striped	2,969	4
	Flounder, Southern	2,846	5
Roanoke River	Catfishes	***	1
Roanoke Sound	Blue Crabs, Hard	534,272	1
	Oysters	59,316	2
	Mullet, Striped	49,535	3
	Blue Crabs, Soft	38,804	4
	Blue Crabs, Peeler	8,957	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2015			
Waterbody	Species	Pounds	Rank
Shallotte River	Blue Crabs, Hard	***	1
	Oysters	11,740	2
	Clams, Hard	5,206	3
	Flounder, Southern	1,744	4
	Seatrout, Spotted	1,454	5
Stump Sound	Blue Crabs, Hard	54,117	1
	Oysters	22,881	2
	Shrimp, White	10,749	3
	Flounder, Southern	8,731	4
	Clams, Hard	6,852	5
Topsail Sound	Blue Crabs, Hard	191,873	1
	Oysters	85,246	2
	Mullet, Striped	28,179	3
	Flounder, Southern	24,401	4
	Spot	22,488	5
White Oak River	Blue Crabs, Hard	66,356	1
	Mullet, Striped	26,252	2
	Shrimp, Brown	***	3
	Flounder, Southern	8,545	4
	Drum, Red	4,891	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2014			
Waterbody	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	12,611,227	1
	Flounder, Southern	348,299	2
	Blue Crabs, Soft	254,886	3
	Catfishes	208,610	4
	Blue Crabs, Peeler	190,947	5
Alligator River	Blue Crabs, Hard	2,423,736	1
	Blue Crabs, Peeler	50,525	2
	Menhaden, Atlantic	***	3
	Flounder, Southern	***	4
	Perch, White	280	5
Back Bay (VA)	Blue Crabs, Hard	***	1
Bay River	Blue Crabs, Hard	108,129	1
	Mullet, Striped	78,156	2
	Seatrout, Spotted	39,947	3
	Spot	22,936	4
	Flounder, Southern	14,061	5
Bogue Sound	Blue Crabs, Hard	141,611	1
	Mullet, Striped	96,641	2
	Menhaden, Atlantic	27,237	3
	Flounder, Southern	24,325	4
	Clams, Hard	23,665	5
Cape Fear River	Blue Crabs, Hard	395,318	1
	Shad, American	46,148	2
	Shrimp, White	28,453	3
	Mullet, Striped	21,784	4
	Flounder, Southern	18,823	5
Chowan River	Catfishes	243,666	1
	Shad, Gizzard	87,431	2
	Perch, White	8,805	3
	Blue Crabs, Hard	***	4
	Striped Bass	2,665	5
Core Sound	Blue Crabs, Hard	262,656	1
	Mullet, Striped	193,032	2
	Menhaden, Atlantic	187,425	3
	Flounder, Southern	177,344	4
	Spot	173,254	5
Croatan Sound	Blue Crabs, Hard	907,862	1
	Mullet, Striped	124,027	2
	Flounder, Southern	66,513	3
	Menhaden, Atlantic	60,394	4
	Blue Crabs, Peeler	57,600	5
Currituck Sound	Blue Crabs, Hard	2,256,268	1
	Flounder, Southern	94,070	2
	Blue Crabs, Peeler	48,412	3
	Catfishes	28,309	4
	Perch, White	19,655	5



**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2014			
Waterbody	Species	Pounds	Rank
Inland Waterway (Brunswick)	Blue Crabs, Hard	87,782	1
	Shrimp, White	8,675	2
	Spot	7,047	3
	Flounder, Southern	6,205	4
	Mullet, Striped	4,780	5
Inland Waterway (Onslow)	Blue Crabs, Hard	***	1
	Clams, Hard	22,514	2
	Shrimp, Brown	12,019	3
	Oysters	5,338	4
	Shrimp, White	4,586	5
Lockwood's Folly River	Oysters	25,257	1
	Blue Crabs, Hard	4,093	2
	Clams, Hard	1,898	3
	Flounder, Southern	1,613	4
	Seatrout, Spotted	1,140	5
Masonboro Sound	Blue Crabs, Hard	130,379	1
	Oysters	34,287	2
	Flounder, Southern	28,876	3
	Spot	13,345	4
	Mullet, Striped	9,417	5
Neuse River	Blue Crabs, Hard	530,177	1
	Mullet, Striped	139,967	2
	Shrimp, Brown	93,543	3
	Menhaden, Atlantic	47,197	4
	Seatrout, Spotted	29,464	5
New River	Clams, Hard	256,897	1
	Blue Crabs, Hard	169,139	2
	Mullet, Striped	93,906	3
	Shrimp, White	50,479	4
	Shrimp, Brown	35,499	5
Newport River	Blue Crabs, Hard	96,103	1
	Shrimp, Brown	68,707	2
	Mullet, Striped	55,852	3
	Oysters	34,307	4
	Clams, Hard	24,641	5
North River/Back Sound	Blue Crabs, Hard	40,714	1
	Shrimp, White	13,399	2
	Oysters	11,433	3
	Clams, Hard	10,522	4
	Shrimp, Brown	6,147	5
Ocean 0-3 mi, N of Cape Hatteras	Sharks, Dogfishes	1,284,974	1
	Bluefish	313,646	2
	Croaker, Atlantic	271,799	3
	Sharks	106,438	4
	Mackerel, Spanish	42,033	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2014			
Waterbody	Species	Pounds	Rank
Ocean 0-3 mi, S of Cape Hatteras	Sharks, Dogfishes	3,982,893	1
	Kingfishes	733,170	2
	Shrimp, White	579,566	3
	Mullet, Striped	428,268	4
	Sharks	366,104	5
Ocean >3 mi, N of Cape Hatteras	Flounder, Summer	2,858,421	1
	Croaker, Atlantic	2,098,775	2
	Bluefish	1,049,420	3
	Tunas	1,019,030	4
	Sharks	319,973	5
Ocean >3 mi, S of Cape Hatteras	Sharks, Dogfishes	633,882	1
	Tunas	542,763	2
	Swordfish	524,595	3
	Mackerel, King	439,076	4
	Sea Basses	316,582	5
Pamlico River	Blue Crabs, Hard	1,158,355	1
	Mullet, Striped	53,434	2
	Flounder, Southern	44,118	3
	Menhaden, Atlantic	41,054	4
	Spot	17,374	5
Pamlico Sound	Shrimp, Brown	2,907,136	1
	Blue Crabs, Hard	1,901,615	2
	Flounder, Southern	725,013	3
	Shrimp, White	438,425	4
	Bluefish	346,920	5
Pasquotank River	Blue Crabs, Hard	956,459	1
	Blue Crabs, Soft	***	2
	Flounder, Southern	***	3
	Catfishes	***	4
	Perch, White	**	5
Perquimans River	Blue Crabs, Hard	64,467	1
	Perch, Yellow	9,311	2
	Catfishes	5,655	3
	Shad, American	***	4
	Mullet, Striped	5,198	5
Pungo River	Blue Crabs, Hard	300,560	1
	Menhaden, Atlantic	7,971	2
	Seatrout, Spotted	4,378	3
	Blue Crabs, Peeler	3,883	4
	Mullet, Striped	2,419	5
Roanoke River	Catfishes	***	1
Roanoke Sound	Blue Crabs, Hard	298,311	1
	Mullet, Striped	36,847	2
	Blue Crabs, Soft	30,076	3
	Menhaden, Atlantic	22,017	4
	Flounder, Southern	20,045	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2014				
Waterbody	Species	Pounds	Rank	
Shallotte River	Oysters	14,812	1	
	Blue Crabs, Hard	9,635	2	
	Clams, Hard	5,528	3	
	Seatrout, Spotted	3,926	4	
	Flounder, Southern	1,151	5	
Stump Sound	Blue Crabs, Hard	77,048	1	
	Oysters	29,616	2	
	Clams, Hard	11,426	3	
	Flounder, Southern	6,223	4	
	Shrimp, White	4,210	5	
Topsail Sound	Blue Crabs, Hard	213,158	1	
	Oysters	112,941	2	
	Spot	46,025	3	
	Mullet, Striped	29,839	4	
	Clams, Hard	16,413	5	
White Oak River	Blue Crabs, Hard	64,348	1	
	Mullet, Striped	18,438	2	
	Shrimp, White	***	3	
	Seatrout, Spotted	4,821	4	
	Shrimp, Brown	***	5	

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2013			
Waterbody	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	10,863,891	1
	Flounder, Southern	522,712	2
	Catfishes	261,270	3
	Blue Crabs, Soft	246,742	4
	Blue Crabs, Peeler	157,941	5
Alligator River	Blue Crabs, Hard	2,407,229	1
	Blue Crabs, Peeler	26,751	2
	Perch, White	2,515	3
	Catfishes	1,885	4
	Flounder, Southern	1,299	5
Back Bay (VA)	Blue Crabs, Hard	***	1
	Blue Crabs, Peeler	***	
	Clams, Hard	***	
Bay River	Blue Crabs, Hard	69,977	1
	Mullet, Striped	47,217	2
	Flounder, Southern	27,736	3
	Seatrout, Spotted	24,701	4
	Oysters	18,187	5
Bogue Sound	Blue Crabs, Hard	155,866	1
	Mullet, Striped	126,242	2
	Menhaden, Atlantic	27,799	3
	Flounder, Southern	25,230	4
	Clams, Hard	20,370	5
Cape Fear River	Blue Crabs, Hard	447,686	1
	Shrimp, White	60,035	2
	Shad, American	24,888	3
	Mullet, Striped	21,584	4
	Flounder, Southern	16,904	5
Chowan River	Catfishes	194,137	1
	Shad, Gizzard	80,915	2
	Perch, White	9,258	3
	Blue Crabs, Hard	***	4
	Striped Bass	4,769	5
Core Sound	Blue Crabs, Hard	292,395	1
	Mullet, Striped	223,376	2
	Flounder, Southern	219,280	3
	Spot	180,807	4
	Shrimp, White	146,553	5
Croatan Sound	Blue Crabs, Hard	564,174	1
	Flounder, Southern	142,996	2
	Mullet, Striped	114,035	3
	Shad, American	***	4
	Drum, Red	62,333	5
Currituck Sound	Blue Crabs, Hard	1,621,761	1
	Flounder, Southern	172,568	2
	Perch, White	64,492	3
	Blue Crabs, Peeler	56,156	4
	Catfishes	47,159	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2013			
Waterbody	Species	Pounds	Rank
Inland Waterway (Brunswick)	Blue Crabs, Hard	102,876	1
	Flounder, Southern	5,292	2
	Mullet, Striped	4,090	3
	Spot	3,150	4
	Shrimp, White	2,865	5
Inland Waterway (Onslow)	Shrimp, Brown	39,182	1
	Shrimp, White	36,709	2
	Blue Crabs, Hard	32,765	3
	Clams, Hard	22,175	4
	Shrimp, Pink	12,558	5
Lockwood's Folly River	Oysters	26,841	1
	Blue Crabs, Hard	7,947	2
	Clams, Hard	3,365	3
	Mullet, Striped	2,810	4
	Flounder, Southern	1,961	5
Masonboro Sound	Blue Crabs, Hard	137,578	1
	Oysters	30,525	2
	Flounder, Southern	27,937	3
	Mullet, Striped	12,526	4
	Spot	5,678	5
Neuse River	Blue Crabs, Hard	386,880	1
	Mullet, Striped	148,899	2
	Shrimp, Brown	75,975	3
	Flounder, Southern	40,447	4
	Seatrout, Spotted	27,467	5
New River	Clams, Hard	185,770	1
	Blue Crabs, Hard	130,946	2
	Shrimp, White	90,642	3
	Mullet, Striped	66,962	4
	Spot	40,202	5
Newport River	Blue Crabs, Hard	91,033	1
	Shrimp, Brown	60,842	2
	Shrimp, White	50,697	3
	Clams, Hard	31,077	4
	Oysters	26,199	5
North River/Back Sound	Shrimp, White	52,083	1
	Blue Crabs, Hard	37,864	2
	Shrimp, Brown	20,175	3
	Clams, Hard	12,642	4
	Oysters	10,612	5
Ocean 0-3 mi, N of Cape Hatteras	Sharks, Dogfishes	1,245,900	1
	Croaker, Atlantic	904,778	2
	Bluefish	167,637	3
	Sharks	75,115	4
	Mackerel, Spanish	39,135	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2013			
Waterbody	Species	Pounds	Rank
Ocean 0-3 mi, S of Cape Hatteras	Sharks, Dogfishes	2,178,178	1
	Shrimp, White	578,597	2
	Kingfishes	337,004	3
	Mackerel, Spanish	296,493	4
	Spot	265,860	5
Ocean >3 mi, N of Cape Hatteras	Tunas	824,217	1
	Croaker, Atlantic	809,619	2
	Flounder, Summer	533,793	3
	Swordfish	349,158	4
	Bluefish	256,033	5
Ocean >3 mi, S of Cape Hatteras	Swordfish	708,931	1
	Tunas	392,898	2
	Groupers	307,900	3
	Mackerel, King	305,993	4
	Snappers	276,533	5
Pamlico River	Blue Crabs, Hard	642,776	1
	Flounder, Southern	63,527	2
	Mullet, Striped	57,621	3
	Seatrout, Spotted	18,969	4
	Blue Crabs, Peeler	18,301	5
Pamlico Sound	Blue Crabs, Hard	2,395,945	1
	Shrimp, Brown	1,778,696	2
	Shrimp, White	1,199,921	3
	Flounder, Southern	801,673	4
	Bluefish	384,383	5
Pasquotank River	Blue Crabs, Hard	***	1
	Blue Crabs, Peeler	***	
	Flounder, Southern	***	
	Seatrout, Spotted	***	
	Drum, Red	***	2
Perquimans River	Blue Crabs, Hard	73,497	1
	Perch, White	10,553	2
	Mullet, Striped	9,776	3
	Shad, Gizzard	8,549	4
	Perch, Yellow	8,294	5
Pungo River	Blue Crabs, Hard	156,771	1
	Flounder, Southern	4,785	2
	Blue Crabs, Peeler	3,222	3
	Seatrout, Spotted	2,446	4
	Menhaden, Atlantic	1,917	5
Roanoke River	Catfishes	***	1
	Perch, White	***	2
	Mullet, Striped	***	

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2013			
Waterbody	Species	Pounds	Rank
Roanoke Sound	Blue Crabs, Hard	338,899	1
	Drum, Red	36,828	2
	Mullet, Striped	32,932	3
	Flounder, Southern	32,649	4
	Blue Crabs, Soft	27,823	5
Shalotte River	Blue Crabs, Hard	24,501	1
	Oysters	16,283	2
	Clams, Hard	5,135	3
	Flounder, Southern	1,739	4
	Blue Crabs, Peeler	954	5
Stump Sound	Blue Crabs, Hard	101,572	1
	Oysters	37,507	2
	Shrimp, White	18,405	3
	Flounder, Southern	10,324	4
	Shrimp, Brown	9,685	5
Topsail Sound	Blue Crabs, Hard	268,181	1
	Oysters	123,211	2
	Mullet, Striped	31,091	3
	Spot	26,273	4
	Flounder, Southern	22,179	5
White Oak River	Blue Crabs, Hard	72,806	1
	Shrimp, White	29,593	2
	Mullet, Striped	24,590	3
	Flounder, Southern	7,272	4
	Clams, Hard	6,303	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2012			
Waterbody	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	12,247,322	1
	Flounder, Southern	437,531	2
	Mullet, Striped	251,912	3
	Catfishes	229,361	4
	Blue Crabs, Soft	216,554	5
Alligator River	Blue Crabs, Hard	1,798,131	1
	Blue Crabs, Peeler	15,748	2
	Catfishes	7,653	3
	Perch, White	6,285	4
	Shad, Gizzard	***	5
Back Bay (VA)	Blue Crabs, Hard	23,530	1
Bay River	Blue Crabs, Hard	175,530	1
	Mullet, Striped	25,391	2
	Oysters	20,645	3
	Seatrout, Spotted	18,196	4
	Flounder, Southern	13,096	5
Bogue Sound	Blue Crabs, Hard	179,750	1
	Mullet, Striped	92,713	2
	Clams, Hard	27,944	3
	Menhaden, Atlantic	27,634	4
	Seatrout, Spotted	22,118	5
Cape Fear River	Blue Crabs, Hard	698,120	1
	Shrimp, White	74,202	2
	Flounder, Southern	27,742	3
	Blue Crabs, Peeler	16,016	4
	Catfishes	10,773	5
Chowan River	Catfishes	188,983	1
	Shad, Gizzard	79,733	2
	Blue Crabs, Hard	52,096	3
	Striped Bass	18,206	4
	Perch, White	14,228	5
Core Sound	Blue Crabs, Hard	359,845	1
	Mullet, Striped	246,241	2
	Flounder, Southern	181,712	3
	Shrimp, Pink	176,126	4
	Spot	158,516	5
Croatan Sound	Blue Crabs, Hard	776,556	1
	Flounder, Southern	87,085	2
	Mullet, Striped	82,716	3
	Blue Crabs, Peeler	48,770	4
	Blue Crabs, Soft	36,819	5
Currituck Sound	Blue Crabs, Hard	2,126,266	1
	Flounder, Southern	88,925	2
	Eel, American	37,473	3
	Blue Crabs, Peeler	26,272	4
	Catfishes	22,431	5



**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2012			
Waterbody	Species	Pounds	Rank
Inland Waterway (Brunswick)	Blue Crabs, Hard	140,981	1
	Shrimp, Brown	10,479	2
	Shrimp, White	8,946	3
	Flounder, Southern	6,886	4
	Mullet, Striped	4,187	5
Inland Waterway (Onslow)	Shrimp, White	40,455	1
	Blue Crabs, Hard	36,154	2
	Clams, Hard	15,778	3
	Shrimp, Brown	11,681	4
	Mullet, Striped	5,475	5
Lockwood's Folly River	Oysters	14,793	1
	Blue Crabs, Hard	6,907	2
	Flounder, Southern	2,081	3
	Clams, Hard	1,946	4
	Mullet, Striped	1,171	5
Masonboro Sound	Blue Crabs, Hard	107,460	1
	Flounder, Southern	40,521	2
	Oysters	24,930	3
	Clams, Hard	6,032	4
	Mullet, Striped	6,013	5
Neuse River	Blue Crabs, Hard	723,738	1
	Mullet, Striped	181,569	2
	Shrimp, Brown	87,958	3
	Flounder, Southern	31,619	4
	Seatrout, Spotted	26,483	5
New River	Clams, Hard	235,426	1
	Blue Crabs, Hard	125,527	2
	Shrimp, White	114,654	3
	Mullet, Striped	97,721	4
	Spot	49,432	5
Newport River	Blue Crabs, Hard	188,329	1
	Shrimp, White	76,980	2
	Shrimp, Brown	45,975	3
	Clams, Hard	35,386	4
	Mullet, Striped	24,122	5
North River/Back Sound	Shrimp, White	26,408	1
	Mullet, Striped	18,097	2
	Clams, Hard	17,070	3
	Blue Crabs, Hard	15,895	4
	Shrimp, Brown	14,259	5
Ocean 0-3 mi, N of Cape Hatteras	Sharks, Dogfishes	874,284	1
	Croaker, Atlantic	773,871	2
	Sharks	115,660	3
	Mackerel, Spanish	101,959	4
	Bluefish	74,518	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2012			
Waterbody	Species	Pounds	Rank
Ocean 0-3 mi, S of Cape Hatteras	Sharks, Dogfishes	2,376,936	1
	Shrimp, White	723,084	2
	Kingfishes	417,776	3
	Mackerel, Spanish	362,840	4
	Sharks	335,441	5
Ocean >3 mi, N of Cape Hatteras	Croaker, Atlantic	1,642,477	1
	Flounder, Summer	1,086,281	2
	Tunas	1,069,283	3
	Sharks, Dogfishes	399,758	4
	Tilefishes	342,231	5
Ocean >3 mi, S of Cape Hatteras	Swordfish	627,141	1
	Groupers	380,116	2
	Croaker, Atlantic	341,627	3
	Tunas	326,891	4
	Snappers	279,365	5
Pamlico River	Blue Crabs, Hard	1,433,987	1
	Mullet, Striped	175,235	2
	Flounder, Southern	29,342	3
	Blue Crabs, Peeler	25,166	4
	Striped Bass	17,211	5
Pamlico Sound	Blue Crabs, Hard	3,398,577	1
	Shrimp, Brown	3,077,513	2
	Flounder, Southern	534,182	3
	Shrimp, Pink	523,244	4
	Mackerel, Spanish	398,560	5
Pasquotank River	Blue Crabs, Hard	***	1
	Mullet, Striped	***	
Perquimans River	Blue Crabs, Hard	131,742	1
	Perch, Yellow	9,414	2
	Shad, American	***	3
	Flounder, Southern	7,958	4
	Catfishes	7,498	5
Pungo River	Blue Crabs, Hard	406,775	1
	Blue Crabs, Peeler	6,274	2
	Perch, White	4,193	3
	Flounder, Southern	2,398	4
	Menhaden, Atlantic	***	5
Roanoke River	Catfishes	***	1
	Perch, White	***	2
Roanoke Sound	Blue Crabs, Hard	400,254	1
	Mullet, Striped	81,017	2
	Flounder, Southern	34,393	3
	Blue Crabs, Soft	30,575	4
	Shad, Hickory	***	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2012			
Waterbody	Species	Pounds	Rank
Shallotte River	Oysters	17,899	1
	Clams, Hard	8,097	2
	Blue Crabs, Hard	7,323	3
	Flounder, Southern	2,665	4
	Blue Crabs, Peeler	***	5
Stump Sound	Blue Crabs, Hard	80,230	1
	Oysters	44,222	2
	Flounder, Southern	10,967	3
	Shrimp, White	10,211	4
	Clams, Hard	6,793	5
Topsail Sound	Blue Crabs, Hard	228,141	1
	Oysters	102,565	2
	Mullet, Striped	30,484	3
	Flounder, Southern	26,090	4
	Clams, Hard	16,492	5
White Oak River	Blue Crabs, Hard	92,050	1
	Shrimp, White	73,853	2
	Mullet, Striped	20,803	3
	Seatrout, Spotted	17,767	4
	Flounder, Southern	14,156	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2011			
Waterbody	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	11,872,438	1
	Mullet, Striped	290,485	2
	Blue Crabs, Soft	255,253	3
	Blue Crabs, Peeler	185,716	4
	Catfishes	183,574	5
Alligator River	Blue Crabs, Hard	1,450,539	1
	Catfishes	34,396	2
	Blue Crabs, Peeler	28,843	3
	Perch, White	18,706	4
	Striped Bass	2,184	5
Back Bay (VA)	Blue Crabs, Hard	47,468	1
Bay River	Blue Crabs, Hard	257,667	1
	Oysters	9,516	2
	Mullet, Striped	8,034	3
	Shrimp, Brown	6,069	4
	Blue Crabs, Peeler	3,803	5
Bogue Sound	Blue Crabs, Hard	161,325	1
	Spot	65,558	2
	Mullet, Striped	52,545	3
	Clams, Hard	35,853	4
	Flounder, Southern	24,595	5
Cape Fear River	Blue Crabs, Hard	685,409	1
	Shrimp, White	74,595	2
	Shad, American	22,496	3
	Mullet, Striped	21,795	4
	Flounder, Southern	12,172	5
Chowan River	Catfishes	110,772	1
	Shad, Gizzard	72,594	2
	Blue Crabs, Hard	71,930	3
	Shad, American	17,983	4
	Striped Bass	16,035	5
Core Sound	Blue Crabs, Hard	263,909	1
	Spot	263,228	2
	Flounder, Southern	220,179	3
	Mullet, Striped	204,568	4
	Menhaden, Atlantic	135,303	5
Croatan Sound	Blue Crabs, Hard	1,427,698	1
	Mullet, Striped	***	2
	Blue Crabs, Peeler	50,858	3
	Menhaden, Atlantic	50,273	4
	Shad, American	***	5
Currituck Sound	Blue Crabs, Hard	1,769,428	1
	Blue Crabs, Peeler	60,974	2
	Catfishes	46,713	3
	Mullet, Striped	41,543	4
	Eel, American	35,970	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2011			
Waterbody	Species	Pounds	Rank
Inland Waterway (Brunswick)	Blue Crabs, Hard	116,249	1
	Shrimp, White	14,753	2
	Spot	10,370	3
	Flounder, Southern	6,116	4
	Shrimp, Brown	5,726	5
Inland Waterway (Onslow)	Blue Crabs, Hard	29,086	1
	Clams, Hard	28,238	2
	Shrimp, Brown	12,506	3
	Mullet, Striped	11,865	4
	Flounder, Southern	11,700	5
Lockwood's Folly River	Oysters	15,976	1
	Blue Crabs, Hard	10,880	2
	Mullet, Striped	3,503	3
	Seatrout, Spotted	2,358	4
	Clams, Hard	1,943	5
Masonboro Sound	Blue Crabs, Hard	125,054	1
	Flounder, Southern	33,962	2
	Oysters	25,685	3
	Spot	20,047	4
	Clams, Hard	8,167	5
Neuse River	Blue Crabs, Hard	945,670	1
	Mullet, Striped	186,793	2
	Shrimp, Brown	114,586	3
	Flounder, Southern	46,136	4
	Spot	36,395	5
New River	Blue Crabs, Hard	152,523	1
	Clams, Hard	90,791	2
	Mullet, Striped	69,972	3
	Shrimp, Brown	52,443	4
	Kingfishes	48,720	5
Newport River	Blue Crabs, Hard	81,871	1
	Clams, Hard	37,133	2
	Mullet, Striped	30,306	3
	Oysters	19,127	4
	Shrimp, Brown	13,591	5
North River/Back Sound	Oysters	17,998	1
	Shrimp, Brown	16,341	2
	Clams, Hard	14,915	3
	Mullet, Striped	6,134	4
	Flounder, Southern	4,019	5
Ocean 0-3 mi, N of Cape Hatteras	Croaker, Atlantic	675,278	1
	Menhaden, Atlantic	530,189	2
	Sharks, Dogfishes	264,767	3
	Striped Bass	229,451	4
	Bluefish	221,947	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2011			
Waterbody	Species	Pounds	Rank
Ocean 0-3 mi, S of Cape Hatteras	Sharks, Dogfishes	2,906,505	1
	Croaker, Atlantic	1,389,098	2
	Shrimp, White	432,501	3
	Shrimp, Brown	409,153	4
	Kingfishes	315,646	5
Ocean >3 mi, N of Cape Hatteras	Flounder, Summer	2,786,005	1
	Menhaden, Atlantic	2,465,607	2
	Croaker, Atlantic	783,345	3
	Tunas	734,589	4
	Bluefish	588,280	5
Ocean >3 mi, S of Cape Hatteras	Croaker, Atlantic	2,077,842	1
	Swordfish	427,973	2
	Groupers	407,032	3
	Mackerel, King	338,949	4
	Snappers	326,139	5
Pamlico River	Blue Crabs, Hard	2,808,104	1
	Flounder, Southern	78,799	2
	Mullet, Striped	60,794	3
	Blue Crabs, Peeler	33,298	4
	Striped Bass	10,341	5
Pamlico Sound	Blue Crabs, Hard	4,793,992	1
	Shrimp, Brown	3,627,434	2
	Flounder, Southern	656,029	3
	Bluefish	610,314	4
	Mackerel, Spanish	559,653	5
Pasquotank River	Blue Crabs, Hard	***	1
Perquimans River	Perch, Yellow	8,253	1
	Catfishes	6,877	2
	Perch, White	4,378	3
	Shad, American	***	4
	Flounder, Southern	***	5
Pungo River	Blue Crabs, Hard	925,263	1
	Blue Crabs, Peeler	8,973	2
	Flounder, Southern	6,032	3
	Menhaden, Atlantic	***	4
	Mullet, Striped	***	5
Roanoke River	Catfishes	24,555	1
	Perch, White	***	2
Roanoke Sound	Blue Crabs, Hard	668,684	1
	Mullet, Striped	132,255	2
	Blue Crabs, Soft	103,678	3
	Croaker, Atlantic	55,046	4
	Bluefish	37,250	5

**Table 30. Top five species by waterbody (\*\*\*) indicates confidential data) (continued).**

2011			
Waterbody	Species	Pounds	Rank
Shallotte River	Blue Crabs, Hard	18,583	1
	Oysters	16,757	2
	Clams, Hard	10,270	3
	Flounder, Southern	2,474	4
	Spot	547	5
Stump Sound	Oysters	66,787	1
	Blue Crabs, Hard	43,399	2
	Clams, Hard	8,162	3
	Flounder, Southern	7,606	4
	Mullet, Striped	4,703	5
Topsail Sound	Blue Crabs, Hard	189,229	1
	Oysters	102,887	2
	Spot	57,464	3
	Mullet, Striped	43,134	4
	Shrimp, Brown	23,620	5
White Oak River	Blue Crabs, Hard	42,164	1
	Clams, Hard	14,126	2
	Spot	10,996	3
	Flounder, Southern	8,767	4
	Mullet, Striped	6,664	5

**Table 31. Commercial oyster landings and ex-vessel value (years with zero or unknown landings are not included).**

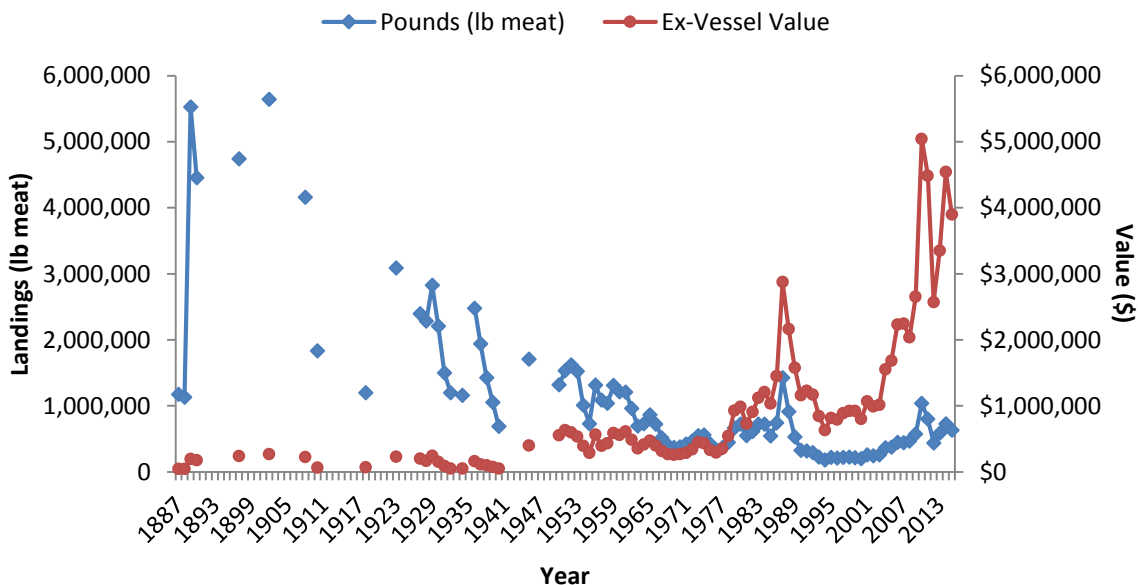
Year	Pounds Meat	Bushels <sup>1</sup>	Value
2015	631,087	119,298	\$3,897,184
2014	727,775	137,576	\$4,544,236
2013	586,625	110,893	\$3,353,126
2012	440,063	83,188	\$2,572,073
2011	800,543	151,331	\$4,486,741
2010	1,040,407	196,674	\$5,045,127
2009	573,630	108,437	\$2,655,463
2008	466,176	88,124	\$2,039,175
2007	441,415	83,443	\$2,244,626
2006	447,889	84,667	\$2,234,558
2005	378,014	71,458	\$1,682,646
2004	367,961	69,558	\$1,551,870
2003	261,043	49,347	\$1,017,887
2002	243,775	46,082	\$991,004
2001	258,086	48,788	\$1,068,352
2000	203,427	38,455	\$804,212
1999	216,858	40,994	\$922,910
1998	224,214	42,385	\$925,559
1997	218,970	41,393	\$888,963
1996	210,931	39,874	\$793,123
1995	220,661	41,713	\$815,070
1994	183,704	34,727	\$632,634
1993	223,993	35,420	\$843,617
1992	293,956	49,933	\$1,172,397
1991	319,040	48,215	\$1,229,293
1990	328,850	51,902	\$1,160,171
1989	529,858	91,687	\$1,575,634
1988	913,100	157,350	\$2,162,931
1987	1,425,584	226,283	\$2,875,406
1986	745,548	120,405	\$1,452,056
1985	545,439	99,824	\$1,037,153
1984	724,557	127,675	\$1,207,277
1983	724,509	123,237	\$1,124,147
1982	611,998	154,506	\$908,676
1981	550,502	118,796	\$730,293
1980	723,099	138,419	\$987,958
1979	665,439	131,770	\$925,964
1978	449,544	83,589	\$547,783
1977	365,714	68,717	\$353,581
1976	333,315	61,395	\$292,058
1975	424,831	84,042	\$329,794
1974	558,821	109,465	\$435,804
1973	548,351	111,977	\$446,485
1972	470,112	102,937	\$344,217
1971	423,675	88,321	\$288,800
1970	381,978	78,758	\$269,138
1969	369,928	80,245	\$259,600
1968	402,959	83,601	\$268,743
1967	518,514	98,203	\$316,379
1966	726,209	137,801	\$398,993
1965	863,700	165,460	\$473,549
1964	727,700	152,558	\$414,775
1963	694,000	133,462	\$356,705
1962	961,400	192,280	\$485,589
1961	1,209,100	232,967	\$615,467
1960	1,216,200	288,884	\$560,442
1959	1,311,000	286,871	\$587,607
1958	1,041,500	228,399	\$434,311



**Table 31. Commercial oyster landings and ex-vessel value (years with zero or unknown landings are not included) (continued).**

Year	Pounds Meat	Bushels*	Value
1957	1,086,500	239,317	\$395,870
1956	1,318,000	285,281	\$563,777
1955	731,000	149,489	\$286,395
1954	1,008,400	211,849	\$395,870
1953	1,525,300	310,652	\$536,015
1952	1,620,900	331,472	\$600,238
1951	1,531,900	253,626	\$632,122
1950	1,322,100	237,788	\$555,686
1945	1,707,100	554,253	\$400,210
1940	690,400	204,260	\$52,560
1939	1,055,600	313,234	\$72,964
1938	1,426,900	334,169	\$98,468
1937	1,940,900	457,759	\$112,051
1936	2,480,500	651,050	\$160,631
1934	1,160,700	271,192	\$53,092
1932	1,201,356	274,282	\$51,339
1931	1,500,571	353,076	\$92,061
1930	2,205,674	536,660	\$155,148
1929	2,828,420	404,060	\$245,533
1928	2,286,610	326,659	\$167,490
1927	2,397,750	342,536	\$200,742
1923	3,089,146	441,307	\$229,576
1918	1,197,630	171,090	\$70,280
1910	1,834,058	262,008	\$63,405
1908	4,159,320	594,189	\$227,300
1902	5,645,928	806,561	\$268,363
1897	4,740,675	677,239	\$241,099
1890	4,456,075	636,582	\$175,567
1889	5,528,942	789,849	\$194,272
1888	1,129,960	161,423	\$46,129
1887	1,175,650	167,950	\$48,353

\*Bushels were calculated based on conversion rates from Chestnut and Davis (1975) for 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. Bushels calculated from Trip Tickets are not the same as those from the Shellfish Lease Program.



**Figure 5. Commercial oyster landings ex-vessel value.**

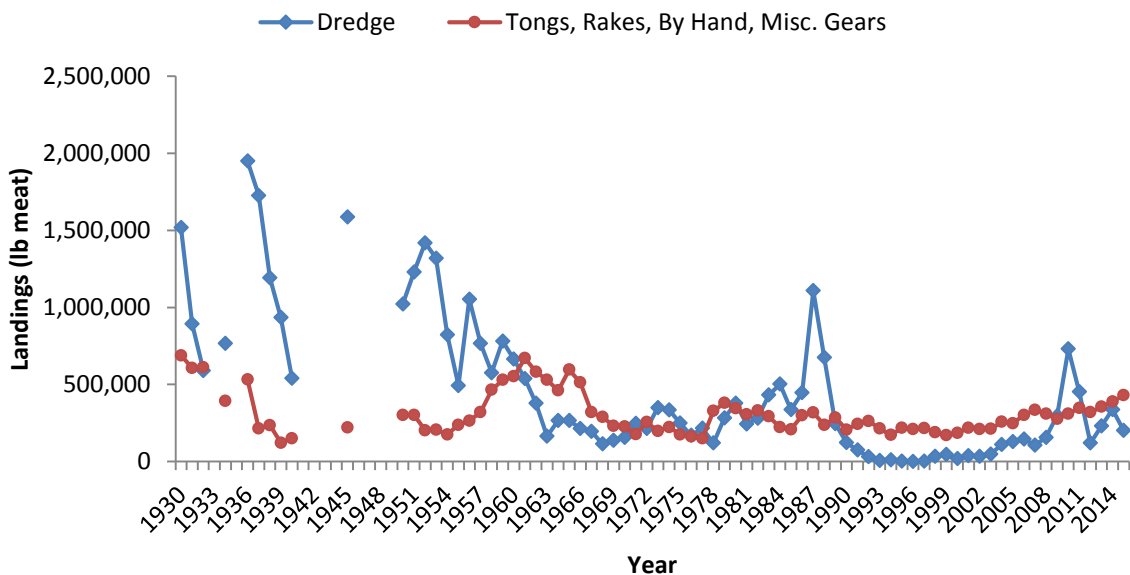
**Table 32. Commercial oyster landings (pounds of meat) by gear type (\*\* indicates confidential data; years with zero or unknown landings are not included) .**

Year	Dredge	Tongs, Rakes, By Hand, Misc. Gears	Total
2015	201,425	429,663	631,087
2014	337,897	389,878	727,775
2013	231,910	354,715	586,625
2012	120,106	319,957	440,063
2011	452,956	347,587	800,543
2010	730,694	309,713	1,040,407
2009	297,680	275,949	573,630
2008	156,924	309,253	466,176
2007	106,260	335,155	441,415
2006	147,000	300,889	447,889
2005	129,456	248,559	378,014
2004	110,410	257,551	367,961
2003	48,917	212,126	261,043
2002	33,081	210,694	243,775
2001	39,127	218,959	258,086
2000	18,626	184,800	203,427
1999	46,112	170,746	216,858
1998	34,446	189,768	224,214
1997	1,957	217,013	218,970
1996	***	210,915	210,931
1995	2,820	217,842	220,661
1994	11,522	172,182	183,704
1993	7,807	214,316	222,123
1992	30,852	263,104	293,956
1991	74,649	244,391	319,040
1990	122,481	206,316	328,797
1989	244,788	285,070	529,858
1988	675,698	237,402	913,100
1987	1,108,060	317,524	1,425,584
1986	446,762	298,786	745,548
1985	336,754	208,685	545,439
1984	502,266	222,291	724,557
1983	432,037	292,472	724,509
1982	281,027	330,971	611,998
1981	244,388	306,114	550,502
1980	377,785	344,831	722,616
1979	282,726	379,584	662,310
1978	120,890	328,597	449,487
1977	216,345	149,369	365,714
1976	170,698	162,617	333,315
1975	248,842	175,989	424,831
1974	335,722	223,099	558,821
1973	349,963	198,388	548,351
1972	215,030	255,082	470,112
1971	247,000	176,400	423,400
1970	155,400	227,100	382,500
1969	138,400	231,900	370,300
1968	114,100	288,500	402,600
1967	195,500	319,400	514,900
1966	213,600	512,600	726,200
1965	267,300	596,400	863,700

\*\*\*Confidential data were added to "Tongs, Rakes, By hand, Misc. Gears".

**Table 32. Commercial oyster landings (pounds of meat) by gear type (\*\*\*) indicates confidential data; years with zero or unknown landings are not included) (continued).**

Year	Dredge	Tongs, Rakes, By Hand, Misc. Gears	Total
1964	266,800	460,900	727,700
1963	164,400	529,600	694,000
1962	378,700	582,700	961,400
1961	538,200	670,900	1,209,100
1960	664,000	552,200	1,216,200
1959	782,000	529,000	1,311,000
1958	576,300	465,200	1,041,500
1957	766,900	319,600	1,086,500
1956	1,053,300	264,700	1,318,000
1955	493,000	238,000	731,000
1954	822,800	175,600	998,400
1953	1,319,700	205,600	1,525,300
1952	1,418,500	202,247	1,620,747
1951	1,229,200	302,700	1,531,900
1950	1,021,000	301,100	1,322,100
1945	1,586,700	220,400	1,807,100
1940	540,200	150,200	690,400
1939	933,700	121,900	1,055,600
1938	1,191,500	235,400	1,426,900
1937	1,726,300	214,600	1,940,900
1936	1,948,700	531,800	2,480,500
1934	766,900	393,800	1,160,700
1932	590,754	610,602	1,201,356
1931	892,320	606,846	1,499,166
1930	1,516,987	688,687	2,205,674



**Figure 6. Commercial oyster landings by gear type.**

**Table 33. Commercial seafood landings pounds and value by county of landing (\*\*\*) indicates confidential data).**

County	2015		2014		2013	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	4,495,364	\$4,932,428	3,249,440	\$4,066,781	2,159,564	\$3,237,375
BERTIE	***	***	***	***	***	***
BRUNSWICK	1,280,533	\$3,206,708	1,113,521	\$2,727,978	1,249,142	\$3,244,927
CAMDEN	5,446,271	\$5,343,108	4,629,560	\$5,980,368	4,096,032	\$5,870,240
CARTERET	8,660,696	\$18,305,112	7,299,344	\$13,938,678	6,381,793	\$11,662,032
CHOWAN	591,584	\$219,963	446,182	\$172,600	546,029	\$287,406
CRAVEN	499,205	\$712,684	389,014	\$548,403	443,793	\$608,423
CURRITUCK	1,914,901	\$2,196,555	2,079,441	\$2,826,906	1,565,378	\$2,300,567
DARE	18,220,056	\$21,037,470	22,252,532	\$26,088,715	16,100,995	\$21,313,733
HERTFORD	15,305	\$7,175	***	***	***	***
HYDE	6,752,807	\$10,980,164	5,239,588	\$9,416,866	4,144,541	\$7,376,176
ICOUNTY*	194,006	\$336,672	217,099	\$339,943	149,295	\$273,678
NEW HANOVER	1,071,363	\$2,093,511	1,252,362	\$2,285,041	1,198,839	\$2,351,012
ONSLow	1,871,938	\$6,109,868	1,730,099	\$4,572,514	1,769,521	\$4,589,459
PAMLICO	4,010,731	\$8,410,135	2,503,309	\$5,904,801	1,861,628	\$4,497,190
PASQUOTANK	1,923,425	\$2,028,922	1,990,780	\$2,647,424	1,716,990	\$2,638,161
PENDER	841,369	\$1,650,962	807,569	\$1,561,682	829,247	\$1,571,148
PERQUIMANS	1,738,222	\$2,226,765	1,692,413	\$2,322,950	1,586,832	\$2,558,658
TYRRELL	6,427,149	\$4,922,522	5,072,978	\$4,453,902	4,397,899	\$4,724,874
WASHINGTON	0	\$0	0	\$0	***	***

County	2012		2011		2010	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	3,330,657	\$3,079,367	5,023,479	\$4,152,482	4,823,056	\$4,644,701
BERTIE	***	***	38,388	\$10,280	***	***
BRUNSWICK	1,244,451	\$2,766,423	1,334,444	\$2,782,463	1,594,221	\$3,178,353
CAMDEN	4,322,362	\$4,330,807	4,150,476	\$3,131,750	3,645,964	\$3,189,118
CARTERET	6,503,697	\$11,227,318	5,350,625	\$8,272,173	6,063,962	\$9,239,870
CHOWAN	574,843	\$335,009	413,085	\$239,763	451,643	\$389,701
CRAVEN	593,407	\$608,674	717,493	\$807,931	614,054	\$729,869
CURRITUCK	1,945,318	\$1,965,199	1,603,352	\$1,380,009	1,814,522	\$1,803,842
DARE	16,751,090	\$21,073,959	24,599,293	\$22,467,575	25,613,593	\$22,016,862
HERTFORD	***	***	***	***	13,462	\$8,808
HYDE	6,918,532	\$7,978,893	9,032,314	\$9,429,900	9,231,578	\$10,594,119
ICOUNTY*	155,647	\$251,522	144,443	\$230,030	658,676	\$531,873
NEW HANOVER	1,441,653	\$2,389,181	1,460,422	\$2,371,082	1,475,560	\$2,272,778
ONSLow	2,030,562	\$4,603,522	1,829,757	\$3,910,455	2,018,536	\$4,452,946
PAMLICO	2,765,390	\$4,620,865	3,539,844	\$6,477,985	4,410,038	\$8,425,328
PASQUOTANK	1,423,397	\$1,603,366	1,652,881	\$1,206,310	1,829,314	\$1,696,429
PENDER	802,265	\$1,400,110	832,557	\$1,405,771	838,945	\$1,352,418
PERQUIMANS	1,433,640	\$1,686,005	1,242,962	\$964,818	2,177,957	\$2,017,789
TYRRELL	4,454,024	\$2,650,899	4,536,197	\$1,943,304	4,726,778	\$3,320,459
WASHINGTON	***	***	0	\$0	***	***

\* "ICOUNTY" refers to all counties considered non-coastal. Confidential data represented as \*\*\* has been added to "ICOUNTY" totals.

**Table 33. Commercial seafood landings pounds and value by county of landing (\*\*\*) indicates confidential data) (continued).**

County	2009		2008		2007	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	3,837,501	\$3,474,501	4,580,352	\$4,099,485	3,642,129	\$3,465,855
BERTIE	***	***	***	***	***	***
BRUNSWICK	1,888,938	\$3,539,123	1,932,040	\$4,157,967	1,982,622	\$3,833,553
CAMDEN	3,832,549	\$4,104,569	4,245,487	\$3,647,911	2,973,324	\$3,032,980
CARTERET	5,576,263	\$9,542,039	6,026,421	\$11,225,438	6,577,089	\$11,751,802
CHOWAN	765,565	\$657,421	1,024,048	\$896,818	771,057	\$631,346
CRAVEN	515,899	\$523,024	579,851	\$604,878	417,932	\$429,187
CURRITUCK	2,738,120	\$3,085,818	2,506,118	\$2,405,503	1,982,875	\$2,247,667
DARE	25,447,498	\$21,932,064	22,712,673	\$23,004,823	22,379,838	\$23,136,322
HERTFORD	***	***	***	***	***	***
HYDE	7,008,594	\$8,119,852	8,692,564	\$10,825,916	6,388,500	\$9,967,451
ICOUNTY*	130,008	\$183,030	102,919	\$161,249	101,454	\$190,747
NEW HANOVER	1,464,473	\$2,130,177	1,723,248	\$2,492,705	1,575,024	\$2,661,608
ONSLow	2,030,126	\$3,953,667	2,623,349	\$6,108,686	2,550,192	\$5,542,425
PAMLICO	3,559,703	\$6,240,609	4,566,908	\$7,679,743	4,838,538	\$8,191,869
PASQUOTANK	1,781,300	\$1,808,029	1,499,484	\$1,452,721	766,193	\$1,053,125
PENDER	824,453	\$1,067,212	698,701	\$999,802	695,051	\$1,083,330
PERQUIMANS	2,161,602	\$2,405,460	1,867,846	\$2,026,609	1,147,958	\$1,452,648
TYRRELL	4,526,443	\$3,709,536	4,569,584	\$3,763,164	3,059,919	\$2,469,638
WASHINGTON	874,490	\$720,229	1,248,633	\$1,256,436	1,025,286	\$1,143,071

County	2006		2005		2004	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	4,613,054	\$3,072,646	4,733,634	\$3,499,334	5,218,169	\$3,671,694
BERTIE	***	***	***	***	28,383	\$11,075
BRUNSWICK	2,288,950	\$3,877,377	2,028,844	\$3,386,792	2,409,863	\$3,790,689
CAMDEN	2,054,055	\$1,496,357	2,092,856	\$1,666,401	2,072,470	\$1,834,027
CARTERET	6,690,483	\$10,542,785	19,297,720	\$11,424,680	61,071,095	\$19,414,006
CHOWAN	683,120	\$432,011	724,349	\$374,744	609,001	\$301,324
CRAVEN	712,691	\$477,942	699,967	\$533,639	807,392	\$515,457
CURRITUCK	1,508,778	\$1,241,688	1,313,922	\$1,237,746	2,097,390	\$1,643,460
DARE	26,592,842	\$22,810,479	27,042,154	\$20,870,854	31,185,781	\$20,518,707
HERTFORD	***	***	***	***	***	***
HYDE	6,618,692	\$7,406,185	7,365,279	\$6,158,186	9,230,668	\$7,875,959
ICOUNTY*	132,786	\$188,940	149,347	\$158,417	170,352	\$173,774
NEW HANOVER	1,709,296	\$2,325,840	1,381,366	\$1,984,655	1,725,600	\$2,224,553
ONSLow	2,549,223	\$5,060,902	1,517,949	\$3,682,823	2,333,216	\$4,609,788
PAMLICO	4,149,317	\$4,998,134	5,048,666	\$5,321,618	7,035,847	\$7,219,044
PASQUOTANK	782,475	\$843,480	1,057,464	\$954,930	1,897,746	\$1,541,135
PENDER	635,549	\$754,742	624,865	\$566,199	555,950	\$622,679
PERQUIMANS	1,669,396	\$1,452,089	1,063,408	\$927,389	1,318,462	\$1,153,182
TYRRELL	4,097,877	\$2,190,365	2,923,396	\$1,618,754	3,282,247	\$1,848,597
WASHINGTON	1,254,764	\$913,557	563,723	\$522,475	1,057,670	\$735,924

\* "ICOUNTY" refers to all counties considered non-coastal. Confidential data represented as \*\*\* has been added to "ICOUNTY" totals.

**Table 33. Commercial seafood landings pounds and value by county of landing (\*\*\*) indicates confidential data) (continued).**

County	2003		2002		2001	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	6,247,212	\$5,290,595	6,409,978	\$5,702,674	4,776,900	\$4,907,553
BERTIE	21,820	\$11,566	85,522	\$34,711	74,534	\$29,393
BRUNSWICK	2,233,574	\$3,459,256	2,176,642	\$3,303,863	2,410,822	\$3,694,046
CAMDEN	3,654,632	\$4,102,430	2,417,663	\$2,927,849	2,308,912	\$2,689,077
CARTERET	59,161,337	\$18,759,619	82,063,534	\$19,750,593	66,193,598	\$18,800,443
CHOWAN	874,079	\$483,472	942,148	\$449,909	1,036,071	\$440,313
CRAVEN	963,336	\$751,616	873,648	\$740,739	755,321	\$628,082
CURRITUCK	2,014,165	\$2,151,322	3,320,548	\$3,614,111	2,054,782	\$2,050,575
DARE	32,531,807	\$20,075,541	28,885,154	\$23,012,023	31,515,245	\$24,829,692
HERTFORD	***	***	***	***	***	***
HYDE	10,576,504	\$8,823,278	10,647,958	\$9,540,281	9,100,236	\$8,211,135
ICOUNTY*	231,504	\$209,012	249,709	\$206,296	192,200	\$170,767
NEW HANOVER	1,811,094	\$2,677,715	1,763,671	\$2,556,967	1,651,734	\$2,371,855
ONSLow	2,933,792	\$5,291,573	2,930,145	\$5,502,292	2,767,330	\$5,435,104
PAMLICO	5,517,436	\$5,800,535	5,826,838	\$7,021,721	4,943,147	\$6,448,001
PASQUOTANK	3,239,107	\$3,006,559	3,341,211	\$2,996,952	1,979,675	\$2,093,436
PENDER	612,019	\$732,465	551,806	\$748,296	549,449	\$817,232
PERQUIMANS	1,758,319	\$1,524,524	2,369,701	\$2,374,948	1,623,054	\$1,704,309
TYRRELL	4,259,950	\$3,339,298	3,966,659	\$3,092,913	3,032,481	\$2,612,295
WASHINGTON	781,818	\$622,457	1,351,769	\$1,170,404	200,844	\$209,883

County	2000		1999		1998	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	7,394,790	\$7,156,475	10,820,570	\$7,370,878	10,104,914	\$8,015,017
BERTIE	109,037	\$46,188	147,642	\$62,508	***	***
BRUNSWICK	2,600,902	\$4,294,369	2,946,186	\$5,300,956	2,996,541	\$4,845,754
CAMDEN	2,768,148	\$3,330,128	2,023,684	\$1,527,574	1,690,689	\$1,532,161
CARTERET	69,003,786	\$20,757,599	57,126,855	\$19,451,867	81,009,440	\$21,377,413
CHOWAN	1,566,293	\$697,358	1,394,165	\$685,536	1,801,899	\$918,753
CRAVEN	669,274	\$548,526	877,582	\$644,186	836,710	\$624,378
CURRITUCK	2,074,254	\$2,021,142	2,372,177	\$1,698,542	2,145,108	\$1,867,611
DARE	33,330,693	\$26,351,359	33,693,109	\$22,667,632	36,570,105	\$23,468,050
HERTFORD	28,013	\$11,379	60,776	\$23,118	60,557	\$22,062
HYDE	11,985,385	\$12,705,953	15,653,652	\$12,656,699	16,122,447	\$10,943,463
ICOUNTY*	138,331	\$166,904	156,224	\$153,747	258,484	\$209,783
NEW HANOVER	1,735,017	\$2,490,520	2,060,133	\$2,883,016	2,033,257	\$2,876,083
ONSLow	3,015,797	\$6,431,071	2,679,239	\$5,669,808	2,664,600	\$5,217,762
PAMLICO	8,754,679	\$12,476,980	11,050,913	\$10,683,368	10,471,211	\$9,252,962
PASQUOTANK	2,279,306	\$2,420,605	2,563,545	\$1,940,050	3,824,416	\$3,500,197
PENDER	585,902	\$874,054	663,516	\$833,652	544,388	\$792,659
PERQUIMANS	1,718,345	\$1,804,635	2,273,449	\$1,938,768	1,911,045	\$1,819,887
TYRRELL	3,760,970	\$3,068,124	4,427,709	\$2,875,156	4,750,585	\$3,329,741
WASHINGTON	701,177	\$661,440	751,025	\$613,989	434,161	\$404,801

\* "ICOUNTY" refers to all counties considered non-coastal. Confidential data represented as \*\*\* has been added to "ICOUNTY" totals.

**Table 33. Commercial seafood landings pounds and value by county of landing (\*\*\*) indicates confidential data) (continued).**

County	1997		1996		1995	
	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
BERTIE	***	***	***	***	***	***
BRUNSWICK	2,785,412	\$4,604,358	2,784,278	\$4,593,013	3,707,410	\$5,326,154
CAMDEN	1,357,224	\$928,689	1,040,711	\$721,420	209,842	\$239,536
CARTERET	128,823,406	\$29,062,208	75,236,813	\$23,130,854	80,532,099	\$24,906,957
CHOWAN	1,612,346	\$866,035	2,045,417	\$1,052,106	1,610,296	\$802,703
CRAVEN	751,578	\$604,430	962,425	\$719,409	504,012	\$504,291
CURRITUCK	2,109,005	\$1,697,383	2,610,442	\$1,861,066	2,684,864	\$1,940,097
DARE	37,965,834	\$24,148,242	43,052,953	\$23,479,634	38,983,539	\$27,251,217
HERTFORD	17,232	\$8,345	97,697	\$24,685	53,148	\$13,921
HYDE	14,831,012	\$11,461,200	15,051,299	\$9,753,965	10,980,132	\$9,682,914
ICOUNTY*	208,831	\$135,824	367,454	\$279,359	259,769	\$222,045
NEW HANOVER	2,224,068	\$3,167,476	1,804,819	\$2,645,583	2,218,600	\$3,218,894
ONSLow	2,522,319	\$5,122,150	2,388,049	\$4,444,496	3,031,492	\$4,969,282
PAMLICO	12,829,209	\$11,800,957	13,460,405	\$11,832,530	8,543,045	\$10,886,663
PASQUOTANK	2,471,794	\$2,188,552	6,043,775	\$4,610,345	6,191,765	\$5,471,849
PENDER	596,240	\$776,830	561,248	\$689,317	683,842	\$800,128
PERQUIMANS	1,239,824	\$1,127,763	1,859,839	\$1,310,008	1,168,039	\$1,070,720
TYRRELL	4,031,660	\$2,543,786	7,173,036	\$4,091,829	4,497,879	\$3,402,560
WASHINGTON	457,383	\$471,216	727,822	\$517,718	***	***

County	1994		1993		1992	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	10,076,108	\$6,442,223	4,918,238	\$2,272,079	2,108,611	\$1,170,303
BERTIE	177,297	\$153,594	173,364	\$21,002	157,714	\$18,623
BRUNSWICK	2,976,168	\$4,497,336	2,396,479	\$3,567,143	2,295,970	\$3,505,909
CAMDEN	5,898	\$5,244	90,788	\$45,678	506,431	\$132,779
CARTERET	96,559,262	\$20,535,216	89,947,140	\$18,309,071	78,968,484	\$16,506,222
CHOWAN	2,328,338	\$922,836	2,434,738	\$510,823	3,858,334	\$779,232
CRAVEN	635,902	\$503,097	581,414	\$311,401	597,943	\$293,949
CURRITUCK	2,001,798	\$1,013,343	1,295,049	\$476,743	1,995,809	\$553,806
DARE	38,183,420	\$21,336,701	34,035,050	\$14,040,502	29,904,877	\$13,008,123
HERTFORD	61,806	\$10,182	9,180	\$2,151	154,549	\$15,458
HYDE	13,586,291	\$10,639,441	12,189,360	\$6,131,467	11,970,320	\$6,089,075
ICOUNTY*	120,116	\$129,309	51,500	\$49,175	27,700	\$20,330
NEW HANOVER	2,365,571	\$3,073,359	1,954,103	\$2,847,124	1,751,694	\$2,520,307
ONSLow	2,791,546	\$4,201,379	3,506,305	\$4,388,078	2,722,744	\$2,809,277
PAMLICO	9,217,487	\$9,960,997	5,705,948	\$4,932,715	7,081,927	\$5,946,775
PASQUOTANK	6,522,378	\$4,400,584	6,780,917	\$3,237,332	6,967,831	\$2,688,331
PENDER	637,684	\$737,368	1,483,311	\$1,873,426	1,006,837	\$1,176,446
PERQUIMANS	214,815	\$135,216	8,996	\$2,112	0	\$0
TYRRELL	4,402,877	\$2,515,137	2,887,573	\$1,472,192	2,064,389	\$759,571
WASHINGTON	47,564	\$57,993	248,023	\$113,578	287,657	\$30,128

\* "ICOUNTY" refers to all counties considered non-coastal. Confidential data represented as \*\*\* has been added to "ICOUNTY" totals.

**Table 33. Commercial seafood landings pounds and value by county of landing (\*\*\*) indicates confidential data) (continued).**

County	1991		1990		1989	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	4,377,009	\$1,989,928	5,556,306	\$2,493,771	2,632,337	\$1,675,668
BERTIE	153,827	\$16,774	166,260	\$33,104	249,986	\$47,008
BRUNSWICK	2,653,153	\$3,802,878	2,994,535	\$4,594,695	2,407,619	\$3,914,181
CAMDEN	851,551	\$146,994	665,256	\$140,918	1,703,198	\$391,001
CARTERET	136,587,982	\$22,665,854	101,254,152	\$22,683,982	93,410,724	\$25,431,593
CHOWAN	3,498,293	\$539,760	2,396,190	\$491,418	3,012,743	\$686,692
CRAVEN	864,408	\$325,093	345,500	\$121,045	271,090	\$123,679
CURRITUCK	2,190,552	\$850,324	1,731,874	\$618,699	2,447,521	\$722,743
DARE	22,850,723	\$11,160,676	22,913,372	\$14,038,249	24,739,171	\$15,597,018
HERTFORD	17,561	\$1,534	11,754	\$1,788	3,189	\$389
HYDE	15,183,668	\$7,753,016	15,028,053	\$7,239,892	13,925,983	\$6,819,235
ICOUNTY*	22,880	\$10,520	19,148	\$9,980	4,700	\$4,100
NEW HANOVER	2,026,266	\$2,552,618	2,405,520	\$3,283,629	2,058,831	\$2,918,980
ONSLow	4,067,256	\$4,217,004	4,166,198	\$4,605,631	3,431,810	\$4,085,663
PAMLICO	10,119,620	\$7,660,184	10,342,871	\$7,774,458	9,457,998	\$8,312,504
PASQUOTANK	3,868,682	\$1,202,734	2,973,731	\$969,460	3,170,757	\$1,375,860
PENDER	1,277,035	\$1,423,856	1,142,231	\$1,295,114	831,723	\$1,078,680
PERQUIMANS	1,000	\$241	6,625	\$1,017	1,128	\$1,974
TYRRELL	1,863,839	\$455,515	639,345	\$253,359	1,185,008	\$730,988
WASHINGTON	165,843	\$12,203	233,948	\$42,081	251,963	\$39,651

County	1988		1987		1986	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	4,069,784	\$2,528,514	3,296,819	\$1,550,486	3,299,166	\$2,123,922
BERTIE	465,794	\$68,891	326,278	\$37,276	1,079,174	\$158,461
BRUNSWICK	2,051,142	\$3,116,662	1,943,686	\$3,058,356	2,108,991	\$3,309,899
CAMDEN	710,883	\$197,754	2,500	\$3,125	4,803	\$4,103
CARTERET	109,943,042	\$26,105,193	85,811,501	\$22,790,252	98,899,661	\$24,478,964
CHOWAN	5,155,562	\$873,512	4,862,409	\$895,859	6,999,375	\$872,745
CRAVEN	644,442	\$209,919	457,640	\$163,260	688,710	\$218,442
CURRITUCK	1,723,722	\$531,990	2,024,397	\$489,706	1,742,901	\$390,934
DARE	30,682,803	\$16,698,565	28,781,569	\$15,892,184	27,208,180	\$12,331,686
HERTFORD	155,879	\$18,706	232,726	\$27,927	759,300	\$66,118
HYDE	13,395,274	\$7,698,443	8,922,881	\$4,829,627	5,238,109	\$3,734,769
ICOUNTY*	0	\$0	88,092	\$14,801	72,000	\$20,850
NEW HANOVER	1,277,604	\$1,963,640	1,476,499	\$2,828,109	1,556,849	\$2,057,497
ONSLow	2,894,257	\$3,757,805	2,129,130	\$2,379,833	2,481,480	\$2,539,348
PAMLICO	14,510,649	\$11,504,691	11,089,384	\$8,334,103	10,734,563	\$8,858,206
PASQUOTANK	2,468,098	\$803,244	2,397,102	\$719,737	2,788,966	\$619,169
PENDER	932,465	\$1,096,553	673,873	\$733,242	837,800	\$764,814
PERQUIMANS	6,974	\$8,718	48,771	\$12,757	4,500	\$4,950
TYRRELL	1,459,083	\$552,078	2,724,132	\$930,477	1,858,472	\$554,089
WASHINGTON	145,719	\$21,876	34,530	\$16,169	518,625	\$121,883

\* "ICOUNTY" refers to all counties considered non-coastal. Confidential data represented as \*\*\* has been added to "ICOUNTY" totals.



**Table 33. Commercial seafood landings pounds and value by county of landing (\*\*\*) indicates confidential data) (continued).**

County	1985		1984		1983	
	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
BERTIE	1,605,101	\$166,555	1,002,168	\$108,705	1,085,024	\$115,925
BRUNSWICK	1,854,634	\$2,435,251	12,405,410	\$4,248,812	46,484,504	\$5,647,185
CAMDEN	11,199	\$2,086	0	\$0	69,637	\$45,196
CARTERET	133,175,357	\$22,707,433	185,268,781	\$21,299,023	167,199,484	\$21,620,473
CHOWAN	9,622,835	\$991,933	5,280,668	\$666,081	4,911,080	\$519,941
CRAVEN	857,433	\$342,586	558,570	\$204,978	485,140	\$268,372
CURRITUCK	899,559	\$190,117	665,361	\$178,999	1,493,431	\$371,745
DARE	27,389,079	\$13,308,344	28,054,470	\$10,845,759	27,018,184	\$9,387,301
HERTFORD	1,211,850	\$75,179	258,448	\$25,597	256,147	\$25,484
HYDE	7,479,009	\$4,470,615	10,121,620	\$3,286,808	9,190,366	\$3,632,096
ICOUNTY*	105,834	\$16,968	189,477	\$47,103	142,435	\$48,259
NEW HANOVER	1,039,237	\$1,173,873	1,601,163	\$1,869,010	1,551,832	\$1,610,953
ONSLow	3,039,006	\$2,905,366	2,829,568	\$3,217,880	2,995,544	\$3,005,742
PAMLICO	15,301,487	\$11,082,686	17,564,259	\$7,112,074	14,022,233	\$7,134,653
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
PERQUIMANS	465,506	\$91,857	287,355	\$69,974	168,828	\$30,444
TYRRELL	1,731,373	\$442,711	1,503,822	\$455,028	1,637,102	\$455,471
WASHINGTON	672,964	\$62,236	1,480,419	\$191,421	827,738	\$95,659

County	1982		1981		1980	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	5,552,376	\$2,446,716	6,895,157	\$2,006,372	6,867,847	\$2,732,881
BERTIE	1,328,498	\$128,274	1,239,711	\$118,586	1,507,313	\$120,242
BRUNSWICK	105,751,534	\$6,791,497	164,743,964	\$8,970,536	72,507,742	\$6,515,337
CAMDEN	18,800	\$13,216	0	\$0	0	\$0
CARTERET	116,427,330	\$20,028,014	177,208,124	\$17,406,837	181,156,111	\$23,307,684
CHOWAN	7,089,979	\$727,144	3,875,757	\$540,154	5,837,756	\$527,714
CRAVEN	59,853	\$101,171	115,960	\$33,127	206,261	\$43,747
CURRITUCK	2,319,182	\$487,810	1,178,710	\$253,846	486,548	\$125,989
DARE	32,476,683	\$12,998,991	39,421,902	\$12,892,976	41,585,041	\$13,731,161
HERTFORD	1,423,916	\$98,890	730,038	\$46,491	1,043,865	\$73,353
HYDE	9,537,139	\$3,457,336	10,251,802	\$2,956,529	13,055,684	\$4,181,970
ICOUNTY*	98,207	\$16,472	131,124	\$22,375	178,517	\$37,576
NEW HANOVER	2,223,125	\$2,460,660	2,416,735	\$2,168,425	3,140,795	\$2,770,507
ONSLow	4,078,931	\$4,346,447	2,377,552	\$1,993,147	4,092,464	\$3,385,907
PAMLICO	14,020,197	\$7,687,936	17,329,190	\$6,710,365	21,380,720	\$9,736,730
PASQUOTANK	1,590,704	\$400,674	963,225	\$295,913	344,835	\$186,528
PENDER	1,055,175	\$1,087,334	684,544	\$622,902	1,144,164	\$961,309
PERQUIMANS	241,808	\$33,653	151,507	\$18,849	149,366	\$16,422
TYRRELL	1,535,758	\$361,359	1,466,183	\$327,955	976,122	\$228,303
WASHINGTON	1,138,728	\$150,258	824,698	\$134,625	531,655	\$100,150

\* "ICOUNTY" refers to all counties considered non-coastal. Confidential data represented as \*\*\* has been added to "ICOUNTY" totals.

**Table 33. Commercial seafood landings pounds and value by county of landing (\*\*\*) indicates confidential data) (continued).**

County	1979		1978		1977	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	7,147,150	\$1,941,975	4,736,063	\$1,525,129	5,864,808	\$1,983,389
BERTIE	1,752,034	\$174,717	2,234,582	\$133,638	1,604,374	\$81,238
BRUNSWICK	85,555,801	\$5,746,083	94,461,695	\$5,762,468	67,319,250	\$2,332,580
CAMDEN	0	\$0	0	\$0	0	\$0
CARTERET	218,540,649	\$21,396,881	139,365,478	\$14,527,552	121,281,802	\$10,367,106
CHOWAN	4,659,482	\$467,946	5,427,526	\$498,335	8,256,173	\$684,251
CRAVEN	160,471	\$35,463	42,300	\$8,638	7,903	\$1,263
CURRITUCK	920,208	\$212,209	1,006,234	\$267,836	637,407	\$126,901
DARE	34,562,545	\$12,987,797	22,562,451	\$9,083,654	18,412,125	\$5,035,096
HERTFORD	0	\$0	0	\$0	0	\$0
HYDE	8,014,483	\$2,040,360	8,327,769	\$1,885,751	4,993,276	\$1,604,012
ICOUNTY*	301,785	\$40,809	151,050	\$6,091	169,677	\$20,018
NEW HANOVER	3,000,611	\$2,535,326	1,039,871	\$782,429	776,972	\$304,723
ONSLow	3,472,332	\$3,066,936	1,623,357	\$899,741	1,431,849	\$846,685
PAMLICO	19,525,274	\$6,573,003	15,412,700	\$4,317,501	12,024,886	\$4,484,026
PASQUOTANK	349,483	\$162,067	591,469	\$206,447	256,462	\$91,936
PENDER	793,467	\$720,476	296,214	\$136,792	227,005	\$60,158
PERQUIMANS	86,050	\$6,550	0	\$0	0	\$0
TYRRELL	1,250,187	\$276,583	1,729,385	\$440,298	1,001,559	\$240,111
WASHINGTON	380,072	\$68,884	533,203	\$126,565	485,057	\$110,942

County	1976		1975		1974	
	Pounds	Value	Pounds	Value	Pounds	Value
BEAUFORT	5,964,262	\$2,202,949	3,802,110	\$916,736	3,437,377	\$733,580
BERTIE	2,214,413	\$118,241	1,540,042	\$64,246	902,347	\$41,339
BRUNSWICK	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
CARTERET	93,212,768	\$9,329,389	100,941,760	\$7,062,131	110,276,372	\$7,536,820
CHOWAN	5,377,678	\$475,161	5,475,228	\$412,675	6,985,110	\$491,881
CRAVEN	25,979	\$6,278	14,070	\$3,619	27,100	\$4,805
CURRITUCK	530,085	\$119,870	262,416	\$105,497	430,458	\$103,398
DARE	20,122,591	\$5,017,852	15,951,759	\$3,285,932	13,905,356	\$2,480,926
HERTFORD	0	\$0	0	\$0	0	\$0
HYDE	2,875,720	\$938,959	3,203,818	\$769,914	3,663,667	\$924,528
ICOUNTY*	124,692	\$20,887	227,034	\$21,017	142,277	\$12,552
NEW HANOVER	671,916	\$316,605	749,810	\$322,226	882,617	\$323,435
ONSLow	1,676,625	\$976,509	1,752,615	\$842,229	1,548,851	\$660,758
PAMLICO	10,830,259	\$3,954,003	9,164,029	\$2,536,257	7,281,038	\$1,864,885
PASQUOTANK	453,397	\$127,018	196,068	\$54,725	298,423	\$56,017
PENDER	101,088	\$65,738	107,758	\$60,213	214,553	\$46,727
PERQUIMANS	0	\$0	0	\$0	0	\$0
TYRRELL	748,719	\$200,422	765,776	\$143,105	778,441	\$92,719
WASHINGTON	597,280	\$123,663	604,372	\$87,806	368,559	\$66,026

\* "ICOUNTY" refers to all counties considered non-coastal. Confidential data represented as \*\*\* has been added to "ICOUNTY" totals.

**Table 33. Commercial seafood landings pounds and value by county of landing (\*\*\*) indicates confidential data) (continued).**

County	1973		1972	
	Pounds	Value	Pounds	Value
BEAUFORT	2,971,873	\$773,498	2,790,289	\$589,440
BERTIE	1,998,488	\$67,107	3,011,901	\$59,270
BRUNSWICK	40,568,944	\$2,566,849	60,075,470	\$1,602,702
CAMDEN	0	\$0	0	\$0
CARTERET	54,932,175	\$6,528,120	72,359,105	\$4,958,032
CHOWAN	7,555,810	\$473,071	9,821,572	\$411,212
CRAVEN	28,126	\$4,943	15,995	\$2,990
CURRITUCK	87,562	\$15,677	204,695	\$27,460
DARE	11,699,304	\$2,175,304	9,565,406	\$1,505,273
HERTFORD	0	\$0	0	\$0
HYDE	2,224,540	\$615,937	2,448,435	\$531,414
ICOUNTY*	85,240	\$3,274	92,366	\$2,721
NEW HANOVER	558,105	\$251,136	582,616	\$216,322
ONslow	1,536,401	\$701,340	1,487,021	\$522,516
PAMLICO	4,439,458	\$1,533,697	3,750,526	\$1,145,027
PASQUOTANK	186,485	\$28,883	175,220	\$23,695
PENDER	180,193	\$36,588	181,998	\$31,199
PERQUIMANS	0	\$0	0	\$0
TYRRELL	1,130,395	\$146,384	1,068,159	\$131,449
WASHINGTON	269,563	\$32,824	270,786	\$38,117

\* "ICOUNTY" refers to all counties considered non-coastal. Confidential data represented as \*\*\* has been added to "ICOUNTY" totals.

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data).**

County	Dealer City	2015		2014	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	1,070,627	\$1,145,443	585,264	\$821,104
	Bath	1,425,673	\$1,493,616	1,132,495	\$1,337,931
	Beaufort Other	0	\$0	3,109	\$2,747
	Belhaven	1,499,958	\$1,561,116	958,599	\$1,268,245
	Washington	499,105	\$734,993	569,974	\$973,740
BERTIE	Bertie Other	***	***	***	***
BRUNSWICK	Brunswick Other	6,495	\$14,751	3,160	\$8,837
	Calabash	160,246	\$291,112	143,834	\$306,075
	Shallotte	772,879	\$2,015,847	651,077	\$1,829,814
	Southport	340,912	\$877,740	315,450	\$766,322
CAMDEN	Camden Other	0	\$0	4,652	\$8,194
	Shiloh	5,446,271	\$5,190,237	4,624,908	\$6,079,732
CARTERET	Bogue Banks	127,035	\$260,151	103,390	\$246,073
	Carteret Other	401,572	\$473,239	431,756	\$548,827
	Downeast Communities	1,768,330	\$2,942,430	1,657,193	\$2,669,975
	Morehead City/Beaufort	6,159,961	\$14,136,885	4,946,905	\$10,721,739
	Western Carteret	203,797	\$436,594	160,100	\$397,109
CHOWAN	Chowan Other	126,446	\$39,771	446,182	\$199,679
	Edenton	465,138	\$180,714	***	***
CRAVEN	Craven Other	84	\$99	932	\$1,778
	Havelock	6,991	\$13,782	4,500	\$6,036
	New Bern/Bridgeton	492,130	\$698,106	383,582	\$601,231
CURRITUCK	Central Currituck	118,586	\$188,138	39,805	\$66,183
	Currituck Other	100	\$55	1,340	\$1,904
	Knotts Island/Corolla	233,071	\$289,464	385,629	\$586,057
	Moyock/Barco	1,073,821	\$1,199,930	1,133,146	\$1,598,166
	Southern Currituck	489,323	\$504,828	519,521	\$692,487
DARE	Bodie Island	126,542	\$223,308	151,552	\$242,009
	Dare Other	1,896,975	\$2,951,461	1,952,381	\$3,415,819
	Hatteras Island	5,247,102	\$3,295,407	6,958,851	\$4,173,654
	Mainland Dare	396,587	\$751,486	1,074,634	\$1,752,110
	Manteo	232,792	\$393,427	***	***
HERTFORD	Wanchese	10,320,058	\$13,246,482	12,115,114	\$17,012,862
	Hertford Other	15,305	\$7,231	***	***
HYDE	Engelhard	3,849,702	\$6,703,170	3,304,118	\$6,750,471
	Hyde Other	2,641	\$1,865	1,049	\$519
	Ocracoke	413,862	\$676,523	412,956	\$726,255
	Swan Quarter	2,486,602	\$3,587,594	1,521,465	\$2,875,622
NEW HANOVER	New Hanover Other	382	\$907	991	\$3,943
	Wilmington Area	1,070,982	\$2,085,332	1,251,371	\$2,382,140
ONSLow	Hubert	24,519	\$39,750	26,979	\$31,311
	Jacksonville	140,080	\$197,984	132,625	\$198,517
	Onslow Other	103,352	\$235,146	84,747	\$186,660
	Sneads Ferry	1,314,146	\$3,977,587	1,198,642	\$2,924,209
	Swansboro	289,841	\$1,656,215	287,106	\$1,320,390
PAMLICO	Arapahoe	145,861	\$217,592	74,163	\$116,931
	Bayboro/Alliance/Grantsboro/Stonewall	235,912	\$375,756	15,860	\$33,965
	Hobucken/Lowland	1,306,851	\$3,578,998	1,095,939	\$2,881,051
	Merritt	493,403	\$588,409	249,336	\$349,624
	Oriental	1,821,393	\$3,618,564	1,035,592	\$2,986,431
	Pamlico Other	7,311	\$19,492	32,419	\$91,494
PASQUOTANK	Vandemere	***	***	***	***
	Elizabeth City	1,923,425	\$2,012,905	1,990,780	\$2,665,522
PENDER	Pasquotank Other	0	\$0	0	\$0
	Burgaw	58,756	\$112,667	43,958	\$101,207
	Hampstead	714,508	\$1,424,661	697,856	\$1,390,649
	Pender Other	68,105	\$108,322	65,755	\$101,945

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2015		2014	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,679,556	\$2,173,608	1,630,684	\$2,467,245
	Perquimans Other	58,666	\$62,751	61,729	\$92,930
TYRRELL	Columbia	6,427,149	\$4,934,243	5,072,978	\$4,727,104
	Tyrrell Other	0	\$0	0	\$0
WASHINGTON	Plymouth	0	\$0	0	\$0
	Roper	0	\$0	0	\$0
	Washington Other	0	\$0	0	\$0

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2013		2012	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	324,646	\$530,108	689,029	\$573,580
	Bath	548,580	\$805,535	826,649	\$779,859
	Beaufort Other	94	\$245	14	\$32
	Belhaven	787,338	\$1,148,472	1,272,695	\$1,252,065
	Washington	498,906	\$753,014	542,270	\$473,831
BERTIE	Bertie Other	***	***	***	***
BRUNSWICK	Brunswick Other	6,883	\$14,914	7,025	\$14,696
	Calabash	140,305	\$238,713	209,507	\$280,435
	Shalotte	814,466	\$2,238,373	606,319	\$1,450,940
	Southport	287,488	\$752,927	421,600	\$1,020,352
CAMDEN	Camden Other	0	\$0	0	\$0
	Shiloh	4,096,032	\$5,870,240	4,322,362	\$4,330,807
CARTERET	Bogue Banks	111,169	\$247,557	147,680	\$297,365
	Carteret Other	254,034	\$406,909	221,295	\$430,488
	Downeast Communities	2,196,026	\$3,168,304	2,438,796	\$2,740,374
	Morehead City/Beaufort	3,618,585	\$7,397,033	3,408,274	\$7,342,869
	Western Carteret	201,979	\$442,228	287,651	\$416,223
CHOWAN	Chowan Other	546,029	\$287,406	574,843	\$335,009
	Edenton	***	***	***	***
CRAVEN	Craven Other	1,806	\$1,961	372	\$467
	Havelock	5,196	\$8,003	10,670	\$12,012
	New Bern/Bridgeton	436,791	\$598,459	582,365	\$596,195
CURRITUCK	Central Currituck	***	***	***	***
	Currituck Other	11,114	\$23,396	9,067	\$10,711
	Knotts Island/Corolla	258,755	\$374,721	543,732	\$601,664
	Moyock/Barco	985,110	\$1,490,116	962,149	\$985,413
	Southern Currituck	310,398	\$412,334	430,371	\$367,411
DARE	Bodie Island	317,774	\$403,565	347,445	\$328,806
	Dare Other	1,683,216	\$2,890,735	1,622,344	\$1,748,254
	Hatteras Island	4,359,748	\$3,305,525	4,092,334	\$3,475,577
	Mainland Dare	898,472	\$1,321,993	344,568	\$341,565
	Manteo	***	***	105,586	\$310,578
	Wanchese	8,841,784	\$13,391,915	10,238,812	\$14,869,179
HERTFORD	Hertford Other	***	***	***	***
HYDE	Engelhard	2,448,951	\$4,500,382	3,774,978	\$4,742,988
	Hyde Other	4,253	\$3,330	28,142	\$78,005
	Ocracoke	415,293	\$683,567	587,328	\$643,228
	Swan Quarter	1,276,044	\$2,188,897	2,528,084	\$2,514,672
NEW HANOVER	New Hanover Other	391	\$1,751	172	\$649
	Wilmington Area	1,198,448	\$2,349,261	1,441,481	\$2,388,532
ONslow	Hubert	41,693	\$67,628	34,055	\$49,711
	Jacksonville	83,825	\$128,030	115,202	\$147,586
	Onslow Other	74,508	\$132,314	66,242	\$122,641
	Sneads Ferry	1,252,105	\$2,993,766	1,426,683	\$2,953,774
	Swansboro	317,390	\$1,267,720	388,379	\$1,329,810
PAMLICO	Arapahoe	197,670	\$277,806	320,616	\$289,059
	Bayboro/Alliance/Grantsboro/Stonewall	16,941	\$37,558	41,012	\$47,431
	Hobucken/Lowland	744,852	\$1,937,021	803,016	\$1,469,109
	Merritt	158,930	\$278,303	422,977	\$404,632
	Oriental	737,187	\$1,945,969	1,047,626	\$2,298,058
	Pamlico Other	6,048	\$20,533	16,520	\$8,817
	Vandemere	***	***	113,624	\$103,759
PASQUOTANK	Elizabeth City	1,716,990	\$2,638,161	1,423,397	\$1,603,366
	Pasquotank Other	0	\$0	0	\$0
PENDER	Burgaw	54,198	\$117,254	51,967	\$92,928
	Hampstead	720,686	\$1,372,430	712,882	\$1,250,128
	Pender Other	54,364	\$81,464	37,415	\$57,054

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2013		2012	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,511,790	\$2,442,287	1,352,055	\$1,584,874
	Perquimans Other	75,042	\$116,370	81,586	\$101,131
TYRRELL	Columbia	4,397,899	\$4,724,874	4,452,126	\$2,649,012
	Tyrrell Other	0	\$0	1,898	\$1,887
WASHINGTON	Plymouth	0	\$0	0	\$0
	Roper	***	***	***	***
	Washington Other	521	\$1,325	1,311	\$3,137

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2011		2010	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	771,484	\$563,476	831,971	\$692,692
	Bath	1,589,529	\$1,143,281	1,798,599	\$1,519,560
	Beaufort Other	0	\$0	10,000	\$938
	Belhaven	1,924,205	\$1,754,857	1,279,438	\$1,523,318
	Washington	738,262	\$690,868	903,049	\$908,193
BERTIE	Bertie Other	38,388	\$10,280	***	***
BRUNSWICK	Brunswick Other	13,087	\$25,471	12,438	\$20,566
	Calabash	230,772	\$268,726	206,612	\$261,293
	Shalotte	677,731	\$1,517,097	886,019	\$1,909,829
	Southport	412,853	\$971,169	489,152	\$986,666
CAMDEN	Camden Other	0	\$0	0	\$0
	Shiloh	4,150,476	\$3,131,750	3,645,964	\$3,189,118
CARTERET	Bogue Banks	132,752	\$285,396	139,636	\$266,629
	Carteret Other	294,455	\$468,801	970,522	\$730,518
	Downeast Communities	2,653,911	\$2,389,759	2,127,918	\$2,373,105
	Morehead City/Beaufort	2,057,254	\$4,661,920	2,528,722	\$5,365,854
	Western Carteret	212,253	\$466,297	297,164	\$503,765
CHOWAN	Chowan Other	92,770	\$37,019	66,302	\$41,021
	Edenton	320,315	\$202,745	385,342	\$348,679
CRAVEN	Craven Other	2,022	\$1,622	1,072	\$1,070
	Havelock	25,173	\$27,093	20,408	\$23,776
	New Bern/Bridgeton	690,299	\$779,217	592,574	\$705,023
CURRITUCK	Central Currituck	49,018	\$87,694	51,940	\$54,581
	Currituck Other	3,128	\$1,553	820	\$1,178
	Knotts Island/Corolla	407,554	\$322,883	482,201	\$497,288
	Moyock/Barco	804,995	\$675,089	924,467	\$898,952
	Southern Currituck	338,657	\$292,790	355,094	\$351,842
DARE	Bodie Island	678,465	\$474,756	856,963	\$649,946
	Dare Other	1,921,033	\$2,114,166	2,178,043	\$2,314,635
	Hatteras Island	6,473,758	\$4,494,692	4,516,479	\$3,189,016
	Mainland Dare	190,239	\$218,334	130,190	\$182,904
	Manteo	77,812	\$216,632	31,190	\$60,167
	Wanchese	15,257,987	\$14,948,996	17,900,729	\$15,620,193
HERTFORD	Hertford Other	***	***	13,462	\$8,808
HYDE	Engelhard	5,637,720	\$5,867,669	6,031,901	\$6,742,679
	Hyde Other	7,229	\$16,321	7,853	\$6,756
	Ocracoke	681,495	\$540,839	712,600	\$758,965
	Swan Quarter	2,705,870	\$3,005,072	2,479,224	\$3,085,720
NEW HANOVER	New Hanover Other	2,007	\$4,990	1,223	\$2,731
	Wilmington Area	1,458,416	\$2,366,092	1,474,338	\$2,270,047
ONSLow	Hubert	30,521	\$28,685	31,039	\$45,803
	Jacksonville	120,582	\$142,522	153,703	\$184,731
	Onslow Other	114,704	\$204,182	90,594	\$152,132
	Sneads Ferry	1,254,961	\$2,415,952	1,384,192	\$2,822,119
	Swansboro	308,989	\$1,119,113	359,009	\$1,248,161
PAMLICO	Arapahoe	240,241	\$228,456	272,221	\$484,419
	Bayboro/Alliance/Grantsboro/Stonewall	407,334	\$393,833	411,908	\$383,187
	Hobucken/Lowland	967,804	\$2,260,696	1,338,413	\$3,056,375
	Merritt	363,437	\$347,387	252,782	\$358,858
	Oriental	1,401,677	\$3,062,793	1,862,708	\$3,668,151
	Pamlico Other	41	\$76	9,807	\$10,419
	Vandemere	159,311	\$184,744	262,199	\$463,920
PASQUOTANK	Elizabeth City	1,652,881	\$1,206,310	1,829,314	\$1,696,429
	Pasquotank Other	0	\$0	0	\$0
PENDER	Burgaw	86,960	\$143,386	85,484	\$118,562
	Hampstead	709,888	\$1,207,442	712,375	\$1,188,064
	Pender Other	35,710	\$54,944	41,086	\$45,792



**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\* indicates confidential data) (continued).**

County	Dealer City	2011		2010	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,178,299	\$899,648	2,150,087	\$1,985,237
	Perquimans Other	64,662	\$65,170	27,869	\$32,552
TYRRELL	Columbia	4,536,197	\$1,943,304	4,723,038	\$3,317,681
	Tyrrell Other	0	\$0	3,740	\$2,777
WASHINGTON	Plymouth	0	\$0	0	\$0
	Roper	0	\$0	***	***
	Washington Other	0	\$0	563,891	\$343,029

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2009		2008	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	466,580	\$432,226	614,689	\$476,149
	Bath	1,177,057	\$1,085,403	1,685,422	\$1,391,218
	Beaufort Other	5,905	\$7,399	0	\$0
	Belhaven	1,640,882	\$1,316,624	1,823,655	\$1,769,592
	Washington	547,077	\$632,849	456,587	\$462,524
BERTIE	Bertie Other	***	***	***	***
BRUNSWICK	Brunswick Other	5,543	\$7,785	32,982	\$80,051
	Calabash	223,004	\$198,603	125,249	\$124,598
	Shallotte	949,550	\$1,825,731	1,084,846	\$2,502,059
	Southport	710,840	\$1,507,004	688,963	\$1,451,258
CAMDEN	Camden Other	0	\$0	0	\$0
	Shiloh	3,832,549	\$4,104,569	4,245,487	\$3,647,911
CARTERET	Bogue Banks	187,799	\$382,985	180,975	\$336,644
	Carteret Other	390,353	\$603,499	382,202	\$635,285
	Downeast Communities	2,055,484	\$2,104,512	2,123,352	\$2,706,830
	Morehead City/Beaufort	2,559,232	\$5,803,959	2,887,994	\$6,800,896
	Western Carteret	383,395	\$647,084	451,898	\$745,783
CHOWAN	Chowan Other	80,655	\$43,952	108,797	\$65,815
	Edenton	684,909	\$613,469	915,251	\$831,003
CRAVEN	Craven Other	414	\$227	269	\$147
	Havelock	43,562	\$37,806	38,293	\$36,490
	New Bern/Bridgeton	471,923	\$484,991	541,289	\$568,240
CURRITUCK	Central Currituck	60,647	\$79,937	45,866	\$57,075
	Currituck Other	7,861	\$8,714	187	\$334
	Knotts Island/Corolla	903,568	\$1,058,680	765,295	\$797,468
	Moyock/Barco	1,392,831	\$1,507,353	1,285,543	\$1,228,539
	Southern Currituck	373,213	\$431,133	409,227	\$322,087
DARE	Bodie Island	751,999	\$586,111	686,445	\$557,779
	Dare Other	2,463,983	\$2,544,672	2,910,259	\$2,600,916
	Hatteras Island	3,569,303	\$3,221,878	2,968,323	\$2,948,394
	Mainland Dare	303,107	\$353,012	397,097	\$427,883
	Manteo	142,673	\$259,407	54,423	\$105,789
	Wanchese	18,216,433	\$14,966,985	15,696,127	\$16,364,062
HERTFORD	Hertford Other	***	***	***	***
HYDE	Engelhard	4,866,454	\$5,357,673	5,804,393	\$7,405,957
	Hyde Other	99	\$142	0	\$0
	Ocracoke	377,894	\$468,092	328,397	\$415,807
	Swan Quarter	1,764,147	\$2,293,946	2,559,773	\$3,004,152
NEW HANOVER	New Hanover Other	585	\$2,233	106	\$463
	Wilmington Area	1,463,383	\$2,125,605	1,723,142	\$2,492,242
ONSLow	Hubert	48,668	\$67,350	87,562	\$124,359
	Jacksonville	174,286	\$179,270	131,735	\$139,282
	Onslow Other	76,990	\$116,732	70,227	\$146,777
	Sneads Ferry	1,404,270	\$2,512,598	1,939,613	\$4,436,674
	Swansboro	325,911	\$1,077,717	394,213	\$1,261,593
PAMLICO	Arapahoe	173,577	\$268,283	160,421	\$176,066
	Bayboro/Alliance/Grantsboro/Stonewall	399,645	\$291,425	400,754	\$271,736
	Hobucken/Lowland	1,133,419	\$2,638,413	1,136,401	\$2,034,924
	Merritt	255,182	\$339,652	184,921	\$218,361
	Oriental	1,407,480	\$2,418,451	2,460,156	\$4,768,219
	Pamlico Other	1,117	\$1,029	1,024	\$3,162
	Vandemere	189,283	\$283,357	223,230	\$207,275
PASQUOTANK	Elizabeth City	1,781,182	\$1,807,858	1,499,484	\$1,452,721
	Pasquotank Other	118	\$171	0	\$0
PENDER	Burgaw	35,169	\$52,327	40,634	\$67,923
	Hampstead	752,675	\$978,441	620,455	\$896,396
	Pender Other	37,113	\$38,783	37,612	\$35,483

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2009		2008	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	2,160,342	\$2,403,969	1,867,726	\$2,026,558
	Perquimans Other	1,260	\$1,490	120	\$51
TYRRELL	Columbia	4,526,443	\$3,709,536	4,568,627	\$3,762,350
	Tyrrell Other	0	\$0	957	\$814
WASHINGTON	Plymouth	0	\$0	0	\$0
	Roper	***	***	1,248,633	\$1,256,436
	Washington Other	874,490	\$720,229	0	\$0

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2007		2006	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	549,980	\$421,666	660,740	\$414,883
	Bath	1,572,191	\$1,389,083	2,353,903	\$1,416,172
	Beaufort Other	0	\$0	0	\$0
	Belhaven	1,246,167	\$1,285,645	1,476,495	\$1,050,557
	Washington	273,791	\$369,461	121,916	\$191,033
BERTIE	Bertie Other	***	***	***	***
BRUNSWICK	Brunswick Other	36,622	\$37,547	39,644	\$58,742
	Calabash	129,994	\$123,094	176,501	\$171,254
	Shallotte	1,089,867	\$2,193,553	1,349,485	\$2,260,214
	Southport	726,138	\$1,479,360	723,319	\$1,387,167
CAMDEN	Camden Other	0	\$0	0	\$0
	Shiloh	2,973,324	\$3,032,980	2,054,055	\$1,496,357
CARTERET	Bogue Banks	200,637	\$398,082	155,822	\$260,927
	Carteret Other	247,807	\$420,892	206,257	\$339,430
	Downeast Communities	2,222,394	\$2,615,402	2,387,386	\$2,632,684
	Morehead City/Beaufort	3,302,220	\$7,411,644	3,406,904	\$6,466,192
	Western Carteret	604,031	\$905,782	534,113	\$843,551
CHOWAN	Chowan Other	73,214	\$40,075	683,120	\$432,011
	Edenton	697,843	\$591,271	***	***
CRAVEN	Craven Other	0	\$0	0	\$0
	Havelock	23,062	\$23,079	5,841	\$4,632
	New Bern/Bridgeton	394,870	\$406,108	706,850	\$473,309
CURRITUCK	Central Currituck	14,553	\$21,924	11,744	\$11,654
	Currituck Other	270	\$343	0	\$0
	Knotts Island/Corolla	490,360	\$526,201	311,251	\$233,107
	Moyock/Barco	1,225,628	\$1,431,342	1,016,783	\$858,521
	Southern Currituck	252,063	\$267,857	169,000	\$138,406
DARE	Bodie Island	476,797	\$475,681	432,345	\$346,401
	Dare Other	1,707,509	\$2,244,595	1,727,630	\$1,805,303
	Hatteras Island	2,764,186	\$2,812,762	2,873,751	\$3,227,852
	Mainland Dare	529,423	\$636,402	661,704	\$717,341
	Manteo	153,107	\$262,170	195,450	\$343,342
	Wanchese	16,748,815	\$16,704,712	20,701,961	\$16,370,239
HERTFORD	Hertford Other	***	***	***	***
HYDE	Engelhard	4,364,412	\$7,311,033	4,374,371	\$5,058,187
	Hyde Other	551	\$1,975	10,362	\$34,452
	Ocracoke	332,217	\$383,585	285,586	\$402,268
	Swan Quarter	1,691,321	\$2,270,859	1,948,373	\$1,911,277
NEW HANOVER	New Hanover Other	135	\$686	31,865	\$72,055
	Wilmington Area	1,574,889	\$2,660,922	1,677,431	\$2,253,785
ONSLow	Hubert	297,041	\$365,903	233,561	\$331,897
	Jacksonville	98,113	\$121,418	119,081	\$131,097
	Onslow Other	48,340	\$107,151	52,499	\$104,898
	Sneads Ferry	1,770,550	\$3,804,290	1,821,326	\$3,431,065
	Swansboro	336,147	\$1,143,663	322,755	\$1,061,944
PAMLICO	Arapahoe	204,939	\$233,818	523,162	\$352,502
	Bayboro/Alliance/Grantsboro/Stonewall	519,527	\$341,468	661,752	\$480,563
	Hobucken/Lowland	1,095,568	\$2,473,577	622,612	\$718,566
	Merritt	352,778	\$262,839	318,539	\$246,064
	Oriental	2,401,453	\$4,590,789	1,500,329	\$2,827,998
	Pamlico Other	0	\$0	754	\$335
	Vandemere	264,273	\$289,378	522,168	\$372,106
PASQUOTANK	Elizabeth City	766,193	\$1,053,125	782,475	\$843,480
	Pasquotank Other	0	\$0	0	\$0
PENDER	Burgaw	32,907	\$49,099	22,116	\$25,970
	Hampstead	627,050	\$993,911	533,882	\$670,361
	Pender Other	35,094	\$40,320	79,551	\$58,411

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2007		2006	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,147,958	\$1,452,648	1,669,396	\$1,452,089
	Perquimans Other	0	\$0	0	\$0
TYRRELL	Columbia	3,059,919	\$2,469,638	4,097,877	\$2,190,365
	Tyrrell Other	0	\$0	0	\$0
WASHINGTON	Plymouth	0	\$0	***	***
	Roper	1,025,286	\$1,143,071	***	***
	Washington Other	0	\$0	1,254,764	\$913,557

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2005		2004	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	665,012	\$452,400	722,137	\$421,678
	Bath	2,427,010	\$1,720,872	2,280,855	\$1,476,204
	Beaufort Other	1,965	\$2,172	1,994	\$1,090
	Belhaven	1,375,983	\$1,080,332	1,858,808	\$1,477,160
	Washington	263,664	\$243,558	354,374	\$295,563
BERTIE	Bertie Other	***	***	28,383	\$11,075
BRUNSWICK	Brunswick Other	38,184	\$47,161	58,466	\$62,159
	Calabash	191,997	\$189,889	223,569	\$238,500
	Shallotte	1,072,502	\$1,901,490	1,408,585	\$2,261,186
	Southport	726,162	\$1,248,252	719,243	\$1,228,844
	CAMDEN	Camden Other	0	\$0	0
CARTERET	Shiloh	2,092,856	\$1,666,401	2,072,470	\$1,834,027
	Bogue Banks	153,874	\$276,630	252,395	\$434,510
	Carteret Other	208,636	\$316,663	280,552	\$325,979
	Downeast Communities	3,082,988	\$2,790,846	4,774,908	\$3,987,409
	Morehead City/Beaufort	15,223,290	\$7,119,871	55,147,986	\$13,720,130
	Western Carteret	628,931	\$920,670	615,252	\$945,979
CHOWAN	Chowan Other	110,571	\$55,410	142,431	\$54,484
	Edenton	613,778	\$319,334	466,571	\$246,839
CRAVEN	Craven Other	9,887	\$10,658	23,208	\$20,355
	Havelock	***	***	***	***
	New Bern/Bridgeton	690,080	\$522,981	784,184	\$495,102
CURRITUCK	Central Currituck	19,108	\$26,810	48,092	\$49,501
	Currituck Other	4,050	\$4,705	48,691	\$46,853
	Knotts Island/Corolla	310,731	\$237,863	873,719	\$617,291
	Moyock/Barco	809,869	\$827,983	925,883	\$777,145
	Southern Currituck	170,164	\$140,384	201,005	\$152,670
DARE	Bodie Island	370,985	\$376,560	348,916	\$316,060
	Dare Other	1,785,750	\$2,472,035	1,812,556	\$2,156,675
	Hatteras Island	3,639,961	\$3,405,451	4,432,247	\$3,216,204
	Mainland Dare	859,976	\$956,551	1,036,188	\$867,013
	Manteo	154,334	\$251,196	306,822	\$238,914
HERTFORD	Wanchese	20,231,148	\$13,409,062	23,249,051	\$13,723,841
	Hertford Other	***	***	***	***
HYDE	Engelhard	5,059,443	\$4,143,812	5,746,911	\$4,876,165
	Hyde Other	10,144	\$25,444	51,997	\$44,109
	Ocracoke	366,915	\$461,044	493,560	\$432,293
	Swan Quarter	1,928,778	\$1,527,885	2,938,200	\$2,523,393
NEW HANOVER	New Hanover Other	87,042	\$151,450	115,932	\$167,102
	Wilmington Area	1,294,324	\$1,833,206	1,609,668	\$2,057,451
ONSLow	Hubert	190,049	\$266,142	265,135	\$471,645
	Jacksonville	120,031	\$129,563	142,121	\$124,638
	Onslow Other	60,731	\$120,651	70,898	\$110,929
	Sneads Ferry	914,981	\$2,203,965	1,512,468	\$2,886,779
	Swansboro	232,156	\$962,502	342,594	\$1,015,798
PAMLICO	Arapahoe	637,851	\$484,909	807,851	\$702,728
	Bayboro/Alliance/Grantsboro/Stonewall	917,700	\$747,931	1,220,787	\$971,732
	Hobucken/Lowland	869,756	\$1,008,165	1,100,463	\$1,014,783
	Merritt	388,165	\$308,549	535,788	\$407,539
	Oriental	1,255,836	\$1,910,651	1,989,196	\$2,886,678
	Pamlico Other	261	\$653	129,302	\$78,835
PASQUOTANK	Vandemere	979,097	\$860,760	1,252,461	\$1,156,749
	Elizabeth City	1,057,464	\$954,930	1,897,746	\$1,541,135
PENDER	Pasquotank Other	0	\$0	0	\$0
	Burgaw	8,850	\$9,147	19,802	\$14,334
	Hampstead	460,746	\$469,323	419,202	\$511,839
	Pender Other	155,270	\$87,729	116,946	\$96,506

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2005		2004	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,063,408	\$927,389	1,318,462	\$1,153,182
	Perquimans Other	0	\$0	0	\$0
TYRRELL	Columbia	2,923,116	\$1,618,147	3,227,387	\$1,814,253
	Tyrrell Other	280	\$607	54,860	\$34,344
WASHINGTON	Plymouth	***	***	***	***
	Roper	550,858	\$505,672	1,046,344	\$719,927
	Washington Other	12,865	\$16,803	11,326	\$15,997

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2003		2002	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	835,399	\$658,704	700,284	\$509,816
	Bath	2,792,802	\$2,285,576	3,065,040	\$2,607,393
	Beaufort Other	1,385	\$2,143	4,171	\$8,508
	Belhaven	2,183,126	\$1,998,244	2,031,383	\$2,082,487
	Washington	434,500	\$345,929	609,100	\$494,470
BERTIE	Bertie Other	21,820	\$11,566	85,522	\$34,711
BRUNSWICK	Brunswick Other	47,551	\$82,949	48,215	\$75,465
	Calabash	224,564	\$256,489	226,195	\$286,272
	Shallotte	1,248,524	\$1,939,468	1,126,716	\$1,727,168
	Southport	712,935	\$1,180,350	775,516	\$1,214,958
CAMDEN	Camden Other	0	\$0	0	\$0
	Shiloh	3,654,632	\$4,102,430	2,417,663	\$2,927,849
CARTERET	Bogue Banks	325,236	\$621,569	165,933	\$265,359
	Carteret Other	277,136	\$371,351	277,076	\$349,983
	Downeast Communities	5,338,584	\$4,923,487	5,822,146	\$5,319,263
	Morehead City/Beaufort	52,593,647	\$11,788,521	75,242,219	\$12,912,293
	Western Carteret	626,734	\$1,054,691	556,161	\$903,695
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	137,873	\$99,994	188,806	\$205,904
	Knotts Island/Corolla	618,616	\$666,871	806,888	\$902,319
	Moyock/Barco	1,000,057	\$1,088,966	2,054,218	\$2,200,750
	Southern Currituck	214,036	\$237,794	217,827	\$241,705
DARE	Bodie Island	343,011	\$419,575	353,811	\$369,580
	Dare Other	2,986,954	\$3,096,620	2,408,372	\$2,673,347
	Hatteras Island	3,959,168	\$2,648,422	4,440,762	\$3,773,552
	Mainland Dare	1,385,481	\$1,154,333	2,535,915	\$2,001,212
	Manteo	282,038	\$217,620	491,225	\$304,782
	Wanchese	23,575,155	\$12,538,971	18,655,069	\$13,889,550
HERTFORD	Hertford Other	***	***	***	***
HYDE	Engelhard	6,453,753	\$5,400,477	6,831,255	\$6,014,945
	Hyde Other	84,168	\$41,225	239,424	\$206,658
	Ocracoke	349,356	\$361,961	642,545	\$630,907
	Swan Quarter	3,689,227	\$3,019,615	2,934,735	\$2,687,770
NEW HANOVER	New Hanover Other	68,514	\$97,963	299	\$322
	Wilmington Area	1,742,580	\$2,579,752	1,763,371	\$2,556,645
ONSLow	Hubert	334,021	\$632,058	339,179	\$618,936
	Jacksonville	172,615	\$155,458	206,022	\$200,862
	Onslow Other	100,364	\$135,592	72,913	\$117,929
	Sneads Ferry	2,017,535	\$3,498,866	1,872,871	\$3,588,597
	Swansboro	309,257	\$869,599	439,159	\$975,968
PAMLICO	Arapahoe	568,552	\$575,955	303,857	\$246,482
	Bayboro/Alliance/Grantsboro/Stonewall	1,270,892	\$1,291,504	908,558	\$1,014,702
	Hobucken/Lowland	694,371	\$739,553	812,316	\$942,957
	Merritt	345,217	\$337,525	277,673	\$253,541
	Oriental	1,306,216	\$1,724,743	2,373,291	\$3,299,849
	Pamlico Other	360,661	\$253,506	69,587	\$58,392
	Vandemere	971,527	\$877,749	1,081,557	\$1,205,798
PASQUOTANK	Elizabeth City	3,239,107	\$3,006,559	3,341,211	\$2,996,952
	Pasquotank Other	0	\$0	0	\$0
PENDER	Burgaw	14,915	\$12,432	10,873	\$16,346
	Hampstead	442,701	\$562,489	405,312	\$624,026
	Pender Other	154,403	\$157,544	135,622	\$107,923



**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2003		2002	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,729,504	\$1,498,687	2,369,701	\$2,374,948
	Perquimans Other	28,814	\$25,837	0	\$0
TYRRELL	Columbia	4,134,186	\$3,217,511	3,903,481	\$3,017,906
	Tyrrell Other	125,764	\$121,787	63,179	\$75,007
WASHINGTON	Plymouth	***	***	***	***
	Roper	***	***	1,323,498	\$1,139,523
	Washington Other	781,818	\$622,457	28,271	\$30,882

**Footnote:** This table includes dealer cities in coastal counties.

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2001		2000	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	536,516	\$503,765	898,499	\$738,973
	Bath	2,158,047	\$2,020,964	2,958,734	\$2,558,365
	Beaufort Other	6,684	\$13,363	16,394	\$20,026
	Belhaven	1,714,751	\$2,027,910	3,123,189	\$3,518,201
	Washington	360,902	\$341,551	397,974	\$320,910
BERTIE	Bertie Other	74,534	\$29,393	109,037	\$46,188
BRUNSWICK	Brunswick Other	25,831	\$38,060	26,365	\$53,725
	Calabash	352,867	\$356,107	363,885	\$388,023
	Shallotte	1,155,053	\$1,933,155	1,027,536	\$2,020,341
	Southport	877,072	\$1,366,724	1,183,117	\$1,832,280
CAMDEN	Camden Other	1,939	\$1,893	0	\$0
	Shiloh	2,306,973	\$2,687,183	2,768,148	\$3,330,128
CARTERET	Bogue Banks	166,602	\$248,720	400,323	\$520,166
	Carteret Other	211,765	\$311,789	231,527	\$355,337
	Downeast Communities	6,701,911	\$6,066,218	6,610,981	\$6,570,904
	Morehead City/Beaufort	58,623,914	\$11,126,995	61,158,938	\$12,192,669
	Western Carteret	489,405	\$1,046,722	602,017	\$1,118,523
CHOWAN	Chowan Other	1,036,071	\$440,313	1,566,293	\$697,358
	Edenton	***	***	***	***
CRAVEN	Craven Other	2,085	\$1,522	1,552	\$981
	Havelock	45,518	\$49,947	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	348,534	\$416,198	85,775	\$90,119
	Knotts Island/Corolla	535,132	\$442,999	585,936	\$493,457
	Moyock/Barco	891,361	\$860,378	911,661	\$936,317
	Southern Currituck	230,350	\$245,402	244,143	\$248,737
DARE	Bodie Island	349,606	\$402,073	650,858	\$718,467
	Dare Other	3,444,456	\$4,190,637	3,341,682	\$3,632,767
	Hatteras Island	5,322,925	\$3,392,050	5,652,104	\$3,796,048
	Mainland Dare	3,106,524	\$2,799,136	2,703,459	\$2,577,531
	Manteo	445,784	\$276,897	554,412	\$345,236
	Wanchese	18,845,949	\$13,768,901	20,428,179	\$15,281,310
HERTFORD	Hertford Other	***	***	28,013	\$11,379
HYDE	Engelhard	5,712,011	\$4,788,683	6,691,403	\$7,272,082
	Hyde Other	476,617	\$479,471	876,164	\$743,521
	Ocracoke	756,073	\$699,116	960,237	\$827,301
	Swan Quarter	2,155,535	\$2,243,865	3,457,581	\$3,863,049
NEW HANOVER	New Hanover Other	7,371	\$16,525	1,134	\$1,154
	Wilmington Area	1,644,363	\$2,355,330	1,733,883	\$2,489,366
ONSLow	Hubert	427,931	\$819,019	476,976	\$704,608
	Jacksonville	209,744	\$215,888	199,775	\$185,639
	Onslow Other	59,907	\$110,550	96,269	\$167,092
	Sneads Ferry	1,681,428	\$3,356,018	1,929,524	\$4,478,459
	Swansboro	388,320	\$933,628	313,253	\$895,273
PAMLICO	Arapahoe	391,278	\$361,026	686,245	\$589,233
	Bayboro/Alliance/Grantsboro/Stonewall	614,329	\$832,418	880,146	\$1,199,151
	Hobucken/Lowland	740,761	\$979,734	1,717,345	\$2,390,206
	Merritt	380,009	\$348,538	460,912	\$414,168
	Oriental	1,797,898	\$2,611,684	3,331,748	\$5,648,383
	Pamlico Other	26,145	\$27,484	1,678,283	\$2,235,838
	Vandemere	992,726	\$1,287,116	***	***
PASQUOTANK	Elizabeth City	1,979,675	\$2,093,436	2,279,306	\$2,420,605
	Pasquotank Other	0	\$0	0	\$0
PENDER	Burgaw	6,530	\$5,895	5,354	\$2,644
	Hampstead	441,044	\$737,391	480,926	\$795,680
	Pender Other	101,875	\$73,946	99,623	\$75,729

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	2001		2000	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,623,028	\$1,704,296	1,684,340	\$1,760,899
	Perquimans Other	26	\$13	34,005	\$43,736
TYRRELL	Columbia	2,944,281	\$2,462,842	3,753,983	\$3,056,015
	Tyrrell 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

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	1999		1998	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	1,602,989	\$926,051	1,469,065	\$1,058,583
	Bath	3,221,340	\$2,068,435	3,199,439	\$2,613,109
	Beaufort Other	1,831,706	\$1,211,601	750,850	\$582,195
	Belhaven	3,840,949	\$2,927,830	4,352,097	\$3,492,072
	Washington	323,586	\$236,961	333,463	\$269,057
BERTIE	Bertie Other	147,642	\$62,508	***	***
BRUNSWICK	Brunswick Other	237,292	\$314,134	112,174	\$155,085
	Calabash	232,900	\$233,246	160,510	\$201,398
	Shalotte	1,445,475	\$3,325,308	1,433,727	\$2,915,300
	Southport	1,030,518	\$1,428,267	1,290,130	\$1,573,971
CAMDEN	Camden Other	215,432	\$162,476	78,974	\$83,135
	Shiloh	1,808,252	\$1,365,097	1,611,715	\$1,449,026
CARTERET	Bogue Banks	532,696	\$493,605	300,959	\$429,572
	Carteret Other	4,218,654	\$2,540,454	1,811,704	\$1,551,427
	Downeast Communities	6,960,407	\$5,840,750	10,061,296	\$6,918,689
	Morehead City/Beaufort	44,691,299	\$9,431,212	68,079,253	\$11,532,577
	Western Carteret	723,795	\$1,145,846	756,228	\$945,148
CHOWAN	Chowan Other	1,394,165	\$685,536	1,801,899	\$918,753
	Edenton	***	***	***	***
CRAVEN	Craven Other	166,558	\$122,721	126,116	\$93,149
	Havelock	57,040	\$49,413	88,546	\$68,344
	New Bern/Bridgeton	653,985	\$472,052	622,048	\$462,885
CURRITUCK	Central Currituck	179,501	\$141,415	115,289	\$122,883
	Currituck Other	226,025	\$169,629	183,481	\$146,319
	Knotts Island/Corolla	755,330	\$459,802	480,555	\$408,936
	Moyock/Barco	957,142	\$740,783	1,283,133	\$1,110,117
	Southern Currituck	254,179	\$186,913	82,650	\$79,356
DARE	Bodie Island	1,396,564	\$1,050,562	1,752,915	\$1,335,736
	Dare Other	3,933,564	\$3,229,248	3,856,039	\$3,436,292
	Hatteras Island	7,336,108	\$4,621,164	11,264,047	\$5,375,167
	Mainland Dare	2,590,585	\$1,725,851	3,471,561	\$2,606,447
	Manteo	371,268	\$207,678	351,894	\$137,647
	Wanchese	18,065,021	\$11,833,130	15,873,649	\$10,576,760
HERTFORD	Hertford Other	60,776	\$23,118	60,557	\$22,062
HYDE	Engelhard	7,696,522	\$6,464,315	6,472,723	\$4,523,786
	Hyde Other	2,557,081	\$1,723,157	1,140,076	\$695,468
	Ocracoke	1,178,354	\$745,739	1,449,059	\$982,785
	Swan Quarter	4,221,618	\$3,723,489	7,060,589	\$4,741,423
NEW HANOVER	New Hanover Other	135,726	\$177,824	109,482	\$136,450
	Wilmington Area	1,924,406	\$2,705,191	1,923,775	\$2,739,633
ONslow	Hubert	248,060	\$451,524	325,644	\$568,203
	Jacksonville	192,308	\$179,068	128,952	\$135,583
	Onslow Other	276,391	\$491,501	195,097	\$360,292
	Sneads Ferry	1,699,378	\$3,915,262	1,706,422	\$3,540,269
	Swansboro	263,103	\$632,452	308,485	\$613,415
	PAMLICO	Arapahoe	1,288,157	\$882,079	1,489,197
PAMLICO	Bayboro/Alliance/Grantsboro/Stonewall	1,030,932	\$1,202,896	1,034,881	\$933,149
	Hobucken/Lowland	1,889,109	\$1,840,901	2,063,503	\$1,754,164
	Merritt	193,946	\$150,350	243,465	\$199,726
	Oriental	3,151,876	\$3,631,092	2,343,827	\$2,484,876
	Pamlico Other	1,895,006	\$1,543,694	2,037,976	\$1,552,247
	Vandemere	1,601,864	\$1,432,356	1,258,362	\$1,252,850
PASQUOTANK	Elizabeth City	2,316,707	\$1,734,046	3,707,659	\$3,384,252
	Pasquotank Other	246,838	\$206,004	116,757	\$115,946
PENDER	Burgaw	***	***	12,574	\$25,719
	Hampstead	568,351	\$726,451	484,969	\$682,836
	Pender Other	95,165	\$107,201	46,845	\$84,104

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	1999		1998	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	2,264,258	\$1,929,995	1,819,509	\$1,719,684
	Perquimans Other	9,191	\$8,772	91,536	\$100,204
TYRRELL	Columbia	4,016,864	\$2,564,093	4,602,508	\$3,196,842
	Tyrrell Other	410,846	\$311,063	148,077	\$132,899
WASHINGTON	Plymouth	24,703	\$25,682	***	***
	Roper	***	***	***	***
	Washington Other	726,322	\$588,307	434,161	\$404,801

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	1997		1996	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	2,214,473	\$1,371,850	2,588,659	\$1,543,276
	Bath	3,169,307	\$2,191,770	4,176,372	\$3,123,559
	Beaufort Other	853,837	\$572,531	2,015,666	\$1,428,487
	Belhaven	5,162,246	\$3,901,561	4,752,879	\$3,390,022
	Washington	331,090	\$234,959	320,508	\$287,973
BERTIE	Bertie Other	***	***	***	***
BRUNSWICK	Brunswick Other	137,944	\$218,131	264,262	\$417,564
	Calabash	196,318	\$284,699	215,221	\$314,742
	Shalotte	1,082,187	\$2,334,324	1,071,084	\$2,303,559
	Southport	1,368,962	\$1,767,204	1,233,712	\$1,557,329
CAMDEN	Camden Other	92,109	\$56,766	90,109	\$61,278
	Shiloh	1,265,115	\$871,923	950,602	\$660,143
CARTERET	Bogue Banks	149,697	\$346,124	125,355	\$304,721
	Carteret Other	12,328,553	\$2,952,138	3,034,749	\$1,862,224
	Downeast Communities	10,502,266	\$8,136,876	8,696,786	\$8,306,476
	Morehead City/Beaufort	105,152,694	\$16,517,703	62,752,843	\$11,653,586
	Western Carteret	690,197	\$1,109,368	627,079	\$1,004,786
CHOWAN	Chowan Other	1,612,346	\$866,035	2,045,417	\$1,052,106
	Edenton	***	***	***	***
CRAVEN	Craven Other	111,835	\$104,363	251,425	\$229,397
	Havelock	***	***	***	***
	New Bern/Bridgeton	639,743	\$500,067	711,000	\$489,962
CURRITUCK	Central Currituck	156,542	\$107,402	306,287	\$183,088
	Currituck Other	235,806	\$187,722	182,692	\$144,816
	Knotts Island/Corolla	454,044	\$358,259	323,002	\$213,964
	Moyock/Barco	1,173,147	\$971,175	1,716,814	\$1,254,397
	Southern Currituck	89,466	\$72,825	81,647	\$64,800
DARE	Bodie Island	1,616,763	\$1,192,570	1,749,459	\$1,329,324
	Dare Other	3,708,350	\$3,415,164	4,327,817	\$3,271,534
	Hatteras Island	11,481,094	\$5,882,898	13,679,855	\$6,000,770
	Mainland Dare	2,782,883	\$2,169,624	3,130,295	\$2,033,139
	Manteo	307,998	\$138,085	607,212	\$227,022
	Wanchese	18,068,746	\$11,349,900	19,558,430	\$10,617,822
HERTFORD	Hertford Other	17,232	\$8,345	97,697	\$24,685
HYDE	Engelhard	5,525,588	\$4,552,641	5,310,790	\$3,381,188
	Hyde Other	912,400	\$546,514	1,401,120	\$849,182
	Ocracoke	1,679,973	\$1,170,687	1,926,387	\$1,242,812
	Swan Quarter	6,713,051	\$5,191,359	6,413,002	\$4,280,783
NEW HANOVER	New Hanover Other	123,615	\$152,468	89,191	\$97,691
	Wilmington Area	2,100,453	\$3,015,009	1,715,628	\$2,547,705
ONslow	Hubert	378,655	\$666,012	398,436	\$502,379
	Jacksonville	168,055	\$150,837	205,136	\$181,017
	Onslow Other	197,495	\$399,072	144,234	\$237,048
	Sneads Ferry	1,562,497	\$3,264,133	1,454,836	\$2,989,789
	Swansboro	215,617	\$642,096	185,408	\$534,236
PAMLICO	Arapahoe	1,726,322	\$1,195,453	1,809,970	\$1,195,591
	Bayboro/Alliance/Grantsboro/Stonewall	786,843	\$931,616	1,211,384	\$1,279,917
	Hobucken/Lowland	2,517,961	\$2,299,467	2,726,733	\$2,430,033
	Merritt	252,686	\$178,144	255,827	\$224,738
	Oriental	4,241,584	\$3,931,920	4,480,648	\$4,191,395
	Pamlico Other	1,404,893	\$993,715	1,333,414	\$838,309
PASQUOTANK	Vandemere	1,898,921	\$2,270,642	1,642,428	\$1,672,486
	Elizabeth City	2,381,813	\$2,127,706	5,645,677	\$4,257,869
PENDER	Pasquotank Other	89,981	\$60,846	398,098	\$352,473
	Burgaw	29,338	\$47,069	9,775	\$3,823
	Hampstead	514,926	\$648,768	481,136	\$599,830
	Pender Other	51,976	\$80,992	70,338	\$85,666

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	1997		1996	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	1,083,884	\$999,769	1,532,756	\$1,096,799
	Perquimans Other	155,941	\$127,994	327,083	\$213,209
TYRRELL	Columbia	3,822,583	\$2,411,069	6,789,096	\$3,869,647
	Tyrrell Other	209,077	\$132,717	383,941	\$222,175
WASHINGTON	Plymouth	***	***	***	***
	Roper	***	***	***	***
	Washington Other	457,383	\$471,216	727,822	\$517,718

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	1995		1994	
		Pounds	Value	Pounds	Value
BEAUFORT	Aurora/Blounts Creek	1,412,295	\$953,971	1,539,045	\$759,747
	Bath	3,809,183	\$3,477,044	3,520,970	\$2,312,940
	Beaufort Other	1,123,335	\$1,027,676	1,627,313	\$923,751
	Belhaven	3,242,755	\$2,887,925	3,170,745	\$2,267,229
	Washington	317,682	\$311,432	218,034	\$178,556
BERTIE	Bertie Other	***	***	177,297	\$153,594
BRUNSWICK	Brunswick Other	395,639	\$501,260	561,656	\$860,500
	Calabash	283,346	\$361,051	197,200	\$252,077
	Shalotte	1,598,292	\$2,567,356	882,980	\$1,785,526
	Southport	1,430,132	\$1,896,487	1,334,332	\$1,599,234
CAMDEN	Camden Other	9,241	\$13,182	5,898	\$5,244
	Shiloh	200,602	\$226,354	***	***
CARTERET	Bogue Banks	161,483	\$267,604	62,282	\$125,612
	Carteret Other	2,613,133	\$2,459,168	8,854,224	\$3,622,082
	Downeast Communities	10,146,804	\$10,040,607	13,163,111	\$8,292,187
	Morehead City/Beaufort	66,707,161	\$10,600,717	73,663,686	\$7,303,116
	Western Carteret	903,518	\$1,538,861	815,959	\$1,192,220
CHOWAN	Chowan Other	1,610,296	\$802,703	266,342	\$54,197
	Edenton	***	***	2,061,995	\$868,639
CRAVEN	Craven Other	53,186	\$50,183	343,435	\$296,805
	Havelock	164,022	\$211,031	***	***
	New Bern/Bridgeton	286,804	\$243,078	292,467	\$206,292
CURRITUCK	Central Currituck	590,069	\$395,250	932,940	\$488,961
	Currituck Other	150,612	\$136,705	102,624	\$53,686
	Knotts Island/Corolla	313,218	\$211,433	144,485	\$66,007
	Moyock/Barco	1,561,928	\$1,145,853	800,480	\$375,380
	Southern Currituck	69,036	\$50,856	21,270	\$29,308
DARE	Bodie Island	1,191,629	\$1,172,438	1,020,161	\$684,366
	Dare Other	6,562,203	\$5,010,038	6,056,093	\$4,604,546
	Hatteras Island	11,977,995	\$5,998,597	10,906,453	\$4,925,108
	Mainland Dare	2,730,647	\$2,413,882	2,809,380	\$2,070,259
	Manteo	161,233	\$146,984	6,199	\$8,986
	Wanchese	16,359,831	\$12,509,278	17,385,132	\$9,043,437
HERTFORD	Hertford Other	53,148	\$13,921	61,806	\$10,182
HYDE	Engelhard	3,795,970	\$3,838,931	3,899,068	\$4,248,373
	Hyde Other	1,189,983	\$898,918	2,412,583	\$1,337,486
	Ocracoke	2,163,723	\$1,366,300	2,147,741	\$1,338,030
	Swan Quarter	3,830,457	\$3,578,766	5,126,900	\$3,715,552
NEW HANOVER	New Hanover Other	101,746	\$141,115	166,689	\$215,516
	Wilmington Area	2,116,854	\$3,077,779	2,198,881	\$2,857,843
ONSLow	Hubert	563,559	\$694,649	549,919	\$602,067
	Jacksonville	244,683	\$219,851	188,824	\$166,711
	Onslow Other	162,388	\$282,411	219,727	\$410,628
	Sneads Ferry	1,832,042	\$3,259,361	1,621,547	\$2,652,831
	Swansboro	228,821	\$513,010	211,530	\$369,141
PAMLICO	Arapahoe	976,393	\$866,313	539,468	\$311,789
	Bayboro/Alliance/Grantsboro/Stonewall	816,691	\$1,206,713	1,150,432	\$1,239,480
	Hobucken/Lowland	1,731,860	\$2,513,073	2,111,046	\$2,606,785
	Merritt	159,739	\$143,191	***	***
	Oriental	2,787,017	\$3,635,766	2,506,236	\$2,931,653
	Pamlico Other	2,071,344	\$2,521,606	2,910,305	\$2,871,290
	Vandemere	***	***	***	***
PASQUOTANK	Elizabeth City	6,027,915	\$5,289,864	6,316,047	\$4,217,294
	Pasquotank Other	163,851	\$181,985	206,331	\$183,290
PENDER	Burgaw	***	***	***	***
	Hampstead	601,231	\$704,400	539,990	\$624,531
	Pender Other	82,610	\$95,728	97,695	\$112,837



**Table 34. Commercial seafood landings (pounds and value) by dealer city (\*\*\*) indicates confidential data) (continued).**

County	Dealer City	1995		1994	
		Pounds	Value	Pounds	Value
PERQUIMANS	Hertford	874,299	\$828,178	174,885	\$108,244
	Perquimans Other	293,741	\$242,541	39,930	\$26,972
TYRRELL	Columbia	4,360,079	\$3,292,884	3,737,276	\$2,195,369
	Tyrrell Other	137,800	\$109,676	665,602	\$319,768
WASHINGTON	Plymouth	***	***	***	***
	Roper	0	\$0	0	\$0
	Washington Other	41,494	\$49,118	47,564	\$57,993

**Footnote:** This table includes dealer cities in coastal counties.

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

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

**Table 35. Commercial seafood landings (pounds and value) by waterbody.**

Waterbody	2015		2014	
	Pounds	Value	Pounds	Value
Albemarle Sound	14,989,905	\$16,242,293	14,335,993	\$17,396,874
Alligator River	3,427,902	\$2,294,308	2,475,951	\$2,362,705
Back Bay (VA)	29,872	\$38,246	255	\$426
Bay River	449,065	\$533,611	294,060	\$458,557
Bogue Sound	434,953	\$961,894	389,075	\$678,611
Cape Fear River	516,494	\$779,973	572,411	\$862,635
Chowan River	509,635	\$143,336	366,593	\$96,467
Core Sound	1,439,326	\$2,463,861	1,647,348	\$2,343,497
Croatan Sound	1,982,896	\$2,563,747	1,387,208	\$1,869,608
Currituck Sound	2,411,980	\$2,667,554	2,518,675	\$3,352,947
Inland Waterway*	0	\$0	0	\$0
Inland Waterway (Brunswick)	146,799	\$225,744	130,307	\$175,572
Inland Waterway (Onslow)	129,491	\$368,480	78,266	\$233,291
Lockwood's Folly River	29,448	\$166,640	35,343	\$173,241
Masonboro Sound	253,788	\$675,669	248,795	\$527,621
Neuse River	1,565,817	\$2,041,344	979,405	\$1,410,750
New River	779,142	\$3,537,751	761,236	\$2,626,652
Newport River	464,742	\$843,206	339,869	\$660,990
North River/Back Sound	225,489	\$653,910	95,274	\$256,289
Ocean 0-3 mi, N of Cape Hatteras	1,970,659	\$1,128,588	2,196,230	\$924,138
Ocean 0-3 mi, S of Cape Hatteras	6,887,809	\$5,388,955	7,661,910	\$5,193,640
Ocean >3 mi, N of Cape Hatteras	6,489,096	\$16,406,312	8,838,694	\$16,068,250
Ocean >3 mi, S of Cape Hatteras	2,976,253	\$6,684,686	4,282,565	\$8,407,198
Ocean less than 3 miles*	0	\$0	0	\$0
Ocean more than 3 miles*	0	\$0	0	\$0
Pamlico River	2,355,367	\$2,478,511	1,377,243	\$1,686,375
Pamlico Sound	12,429,185	\$20,790,984	8,330,003	\$17,731,817
Pasquotank River	637,170	\$592,281	982,567	\$1,304,290
Perquimans River	74,917	\$91,016	96,848	\$125,459
Pungo River	929,484	\$953,787	325,431	\$422,498
Roanoke River	3,168	\$917	1,354	\$244
Roanoke Sound	716,879	\$986,068	473,247	\$679,395
Shalotte River	34,308	\$179,390	36,323	\$146,539
Stump Sound	124,950	\$396,721	142,089	\$386,696
Topsail Sound	407,034	\$1,232,882	451,785	\$1,124,553
Unknown	0	\$0	0	\$0
White Oak River	131,902	\$208,060	112,878	\$167,725

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2013		2012	
	Pounds	Value	Pounds	Value
Albemarle Sound	12,715,078	\$17,915,036	14,106,473	\$13,168,414
Alligator River	2,442,862	\$2,791,445	1,832,685	\$1,047,229
Back Bay (VA)	1,532	\$2,883	23,530	\$25,214
Bay River	217,936	\$440,162	278,703	\$356,386
Bogue Sound	477,228	\$795,707	431,221	\$599,938
Cape Fear River	621,396	\$958,325	867,234	\$984,753
Chowan River	308,746	\$68,945	382,257	\$165,261
Core Sound	1,790,123	\$2,620,098	1,592,124	\$2,015,954
Croatan Sound	1,318,285	\$1,907,454	1,231,214	\$1,343,309
Currituck Sound	2,051,884	\$2,907,673	2,356,125	\$2,393,042
Inland Waterway*	0	\$0	0	\$0
Inland Waterway (Brunswick)	136,726	\$187,537	189,277	\$161,668
Inland Waterway (Onslow)	172,172	\$398,691	126,596	\$268,871
Lockwood's Folly River	45,556	\$195,752	28,595	\$110,278
Masonboro Sound	242,514	\$508,240	215,914	\$423,375
Neuse River	833,083	\$1,340,789	1,156,315	\$1,226,789
New River	667,637	\$2,171,784	804,303	\$1,996,329
Newport River	314,102	\$691,849	437,481	\$717,559
North River/Back Sound	152,872	\$333,654	116,078	\$290,738
Ocean 0-3 mi, N of Cape Hatteras	2,593,958	\$1,596,509	2,081,972	\$1,178,631
Ocean 0-3 mi, S of Cape Hatteras	4,805,668	\$4,064,146	5,362,217	\$4,601,523
Ocean >3 mi, N of Cape Hatteras	3,678,773	\$7,369,774	5,332,447	\$10,578,698
Ocean >3 mi, S of Cape Hatteras	3,197,121	\$7,541,370	3,468,966	\$8,609,260
Ocean less than 3 miles*	0	\$0	0	\$0
Ocean more than 3 miles*	0	\$0	0	\$0
Pamlico River	892,958	\$1,349,635	1,753,483	\$1,396,343
Pamlico Sound	8,748,564	\$17,511,466	10,368,752	\$15,739,217
Pasquotank River	1,756	\$2,917	19,718	\$17,414
Perquimans River	131,569	\$186,074	175,164	\$222,421
Pungo River	175,012	\$294,041	424,889	\$368,226
Roanoke River	3,910	\$1,017	1,556	\$348
Roanoke Sound	530,141	\$797,554	632,086	\$675,132
Shalotte River	49,580	\$163,019	39,174	\$163,948
Stump Sound	197,641	\$492,982	166,674	\$437,368
Topsail Sound	525,724	\$1,267,085	442,595	\$956,723
Unknown	0	\$0	0	\$0
White Oak River	155,410	\$231,445	245,115	\$330,762

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2011		2010	
	Pounds	Value	Pounds	Value
Albemarle Sound	13,466,822	\$9,594,605	14,941,212	\$12,983,168
Alligator River	1,541,992	\$703,731	1,242,487	\$878,632
Back Bay (VA)	47,468	\$37,657	1,020	\$989
Bay River	293,296	\$283,662	364,484	\$427,704
Bogue Sound	444,230	\$659,602	395,484	\$598,119
Cape Fear River	854,370	\$867,144	715,894	\$814,939
Chowan River	324,824	\$168,359	178,205	\$94,876
Core Sound	1,441,768	\$1,535,892	1,522,879	\$1,741,957
Croatan Sound	1,804,919	\$1,323,578	1,771,865	\$1,674,009
Currituck Sound	2,021,125	\$1,624,433	2,655,565	\$2,605,366
Inland Waterway*	0	\$0	0	\$0
Inland Waterway (Brunswick)	171,695	\$173,593	184,908	\$231,711
Inland Waterway (Onslow)	111,002	\$269,837	121,181	\$346,321
Lockwood's Folly River	37,019	\$120,481	55,892	\$166,578
Masonboro Sound	233,386	\$421,948	282,066	\$406,553
Neuse River	1,446,384	\$1,397,252	1,237,426	\$1,317,908
New River	583,055	\$1,319,652	657,023	\$1,732,694
Newport River	219,434	\$490,024	325,779	\$633,937
North River/Back Sound	69,208	\$229,663	125,321	\$309,089
Ocean 0-3 mi, N of Cape Hatteras	2,303,911	\$1,786,873	2,952,379	\$1,950,848
Ocean 0-3 mi, S of Cape Hatteras	6,493,380	\$4,533,634	5,342,453	\$4,233,172
Ocean >3 mi, N of Cape Hatteras	10,288,735	\$12,411,613	13,751,158	\$15,018,792
Ocean >3 mi, S of Cape Hatteras	5,383,159	\$8,712,378	4,262,679	\$7,198,620
Ocean less than 3 miles*	0	\$0	0	\$0
Ocean more than 3 miles*	0	\$0	0	\$0
Pamlico River	3,030,220	\$2,098,084	3,176,652	\$2,552,373
Pamlico Sound	12,016,080	\$16,777,371	12,758,561	\$18,260,206
Pasquotank River	674	\$435	2,338	\$2,713
Perquimans River	27,020	\$25,705	67,836	\$77,053
Pungo River	947,047	\$685,840	994,973	\$829,521
Roanoke River	24,956	\$4,518	2,777	\$1,132
Roanoke Sound	1,117,713	\$1,139,665	1,160,521	\$1,116,473
Shalotte River	49,767	\$169,472	70,131	\$260,678
Stump Sound	140,242	\$485,872	158,393	\$426,910
Topsail Sound	468,326	\$952,559	421,400	\$817,697
Unknown	0	\$0	0	\$0
White Oak River	98,788	\$178,950	100,923	\$154,527

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2009		2008	
	Pounds	Value	Pounds	Value
Albemarle Sound	16,719,589	\$16,478,966	19,605,721	\$17,582,834
Alligator River	1,669,906	\$1,101,268	1,235,342	\$884,506
Back Bay (VA)	2,594	\$3,490	0	\$0
Bay River	235,350	\$265,442	203,031	\$201,518
Bogue Sound	317,128	\$440,891	392,789	\$564,746
Cape Fear River	763,811	\$782,358	848,503	\$762,356
Chowan River	184,709	\$75,314	215,073	\$107,467
Core Sound	1,733,874	\$1,792,439	2,032,384	\$2,521,859
Croatan Sound	1,941,498	\$1,877,281	1,607,654	\$1,657,622
Currituck Sound	3,696,732	\$4,038,721	2,783,837	\$2,691,316
Inland Waterway*	0	\$0	0	\$0
Inland Waterway (Brunswick)	196,175	\$178,316	123,889	\$171,010
Inland Waterway (Onslow)	163,549	\$266,432	125,875	\$284,412
Lockwood's Folly River	65,906	\$229,232	85,492	\$233,697
Masonboro Sound	234,640	\$318,025	255,048	\$348,221
Neuse River	1,120,154	\$1,147,081	1,528,616	\$1,720,789
New River	493,198	\$1,224,323	584,663	\$1,612,500
Newport River	263,818	\$486,877	300,409	\$566,953
North River/Back Sound	159,122	\$351,678	246,075	\$438,620
Ocean 0-3 mi, N of Cape Hatteras	3,089,146	\$1,614,497	1,533,150	\$1,539,660
Ocean 0-3 mi, S of Cape Hatteras	3,714,452	\$3,319,880	3,955,581	\$5,866,968
Ocean >3 mi, N of Cape Hatteras	13,963,594	\$15,089,285	11,788,002	\$13,882,793
Ocean >3 mi, S of Cape Hatteras	4,020,245	\$8,887,217	4,233,397	\$9,708,635
Ocean less than 3 miles*	0	\$0	0	\$0
Ocean more than 3 miles*	0	\$0	0	\$0
Pamlico River	1,460,951	\$1,367,616	1,877,677	\$1,579,079
Pamlico Sound	10,239,909	\$12,761,659	12,612,570	\$18,381,696
Pasquotank River	5,580	\$5,380	1,131	\$1,038
Perquimans River	88,535	\$96,630	83,105	\$108,274
Pungo River	543,608	\$441,781	671,525	\$539,567
Roanoke River	9,985	\$3,861	6,852	\$2,457
Roanoke Sound	1,089,977	\$1,098,399	1,556,539	\$1,449,825
Shalotte River	46,664	\$176,299	58,384	\$214,646
Stump Sound	163,953	\$310,294	144,139	\$357,108
Topsail Sound	419,331	\$645,551	368,193	\$639,744
Unknown	0	\$0	0	\$0
White Oak River	145,841	\$319,878	135,582	\$187,937

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2007		2006	
	Pounds	Value	Pounds	Value
Albemarle Sound	12,669,224	\$13,371,657	13,577,748	\$10,152,851
Alligator River	786,847	\$525,314	407,933	\$268,389
Back Bay (VA)	0	\$0	0	\$0
Bay River	175,847	\$194,415	207,657	\$174,905
Bogue Sound	327,161	\$633,426	421,235	\$616,512
Cape Fear River	683,162	\$778,928	704,368	\$603,386
Chowan River	194,805	\$99,139	278,013	\$147,034
Core Sound	1,937,891	\$1,984,748	2,177,932	\$2,292,883
Croatan Sound	1,140,676	\$1,377,952	1,246,743	\$1,136,058
Currituck Sound	1,869,433	\$2,123,414	1,296,427	\$1,063,717
Inland Waterway*	199	\$525	612	\$482
Inland Waterway (Brunswick)	92,027	\$115,028	178,414	\$103,067
Inland Waterway (Onslow)	181,081	\$270,244	170,101	\$242,080
Lockwood's Folly River	111,478	\$289,935	72,152	\$174,152
Masonboro Sound	199,023	\$338,862	305,626	\$385,395
Neuse River	1,585,389	\$1,411,439	2,324,185	\$1,680,330
New River	639,647	\$1,697,781	709,764	\$1,765,134
Newport River	364,855	\$590,880	388,969	\$527,280
North River/Back Sound	327,677	\$725,705	452,401	\$769,817
Ocean 0-3 mi, N of Cape Hatteras	2,102,287	\$1,956,527	1,510,373	\$1,142,752
Ocean 0-3 mi, S of Cape Hatteras	3,834,859	\$4,946,770	4,129,967	\$4,980,895
Ocean >3 mi, N of Cape Hatteras	14,325,247	\$16,872,416	20,236,559	\$18,990,455
Ocean >3 mi, S of Cape Hatteras	3,888,930	\$8,756,004	4,223,991	\$8,106,158
Ocean less than 3 miles*	0	\$0	6,033	\$2,820
Ocean more than 3 miles*	0	\$0	0	\$0
Pamlico River	2,176,840	\$1,861,015	2,928,302	\$1,876,135
Pamlico Sound	10,879,877	\$17,664,894	7,585,534	\$9,425,341
Pasquotank River	227	\$243	19,446	\$7,306
Perquimans River	49,528	\$60,752	47,217	\$54,335
Pungo River	609,797	\$610,382	1,346,319	\$833,798
Roanoke River	9,169	\$4,249	36,508	\$14,835
Roanoke Sound	984,402	\$1,433,223	1,001,534	\$1,153,761
Shalotte River	70,934	\$272,163	78,726	\$276,194
Stump Sound	149,503	\$381,297	171,757	\$360,447
Topsail Sound	376,589	\$713,222	354,765	\$576,144
Unknown	0	\$0	0	\$0
White Oak River	130,367	\$222,078	146,034	\$180,670

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2005		2004	
	Pounds	Value	Pounds	Value
Albemarle Sound	10,376,302	\$8,461,824	11,968,528	\$9,478,785
Alligator River	392,728	\$221,270	399,222	\$204,842
Back Bay (VA)	607	\$830	6,802	\$4,538
Bay River	391,827	\$314,531	466,601	\$293,657
Bogue Sound	305,342	\$431,061	372,710	\$538,653
Cape Fear River	645,089	\$646,786	667,703	\$735,586
Chowan River	376,911	\$146,167	282,905	\$75,760
Core Sound	2,282,125	\$2,218,101	3,001,105	\$2,699,007
Croatan Sound	1,233,571	\$1,493,918	1,547,653	\$1,554,046
Currituck Sound	1,008,210	\$971,035	2,229,767	\$1,772,970
Inland Waterway*	46,358	\$40,014	136,384	\$81,597
Inland Waterway (Brunswick)	177,303	\$103,498	82,176	\$87,078
Inland Waterway (Onslow)	152,927	\$334,441	190,770	\$347,274
Lockwood's Folly River	49,351	\$124,068	54,184	\$159,360
Masonboro Sound	321,115	\$419,561	256,740	\$395,729
Neuse River	2,651,546	\$2,068,010	2,820,175	\$2,092,553
New River	559,847	\$1,703,405	839,819	\$1,979,599
Newport River	441,531	\$600,744	519,249	\$725,513
North River/Back Sound	325,835	\$497,291	444,087	\$556,924
Ocean 0-3 mi, N of Cape Hatteras	2,400,159	\$1,701,726	3,134,026	\$1,749,904
Ocean 0-3 mi, S of Cape Hatteras	15,267,334	\$4,721,082	54,788,387	\$9,341,988
Ocean >3 mi, N of Cape Hatteras	20,218,869	\$15,979,745	22,852,234	\$16,437,528
Ocean >3 mi, S of Cape Hatteras	4,796,015	\$7,957,287	5,349,353	\$9,088,656
Ocean less than 3 miles*	5,606	\$2,769	7,073	\$3,541
Ocean more than 3 miles*	0	\$0	800	\$40
Pamlico River	3,780,325	\$2,703,963	4,245,404	\$2,622,774
Pamlico Sound	8,041,386	\$7,182,663	13,711,606	\$12,784,634
Pasquotank River	7,389	\$3,921	4,040	\$6,397
Perquimans River	28,419	\$20,964	46,764	\$30,797
Pungo River	1,207,390	\$878,146	1,466,963	\$991,319
Roanoke River	68,757	\$19,139	29,964	\$10,438
Roanoke Sound	1,253,545	\$1,722,186	1,314,851	\$1,542,612
Shalotte River	88,866	\$197,060	94,154	\$229,380
Stump Sound	191,546	\$332,629	188,823	\$351,533
Topsail Sound	380,946	\$470,573	349,445	\$453,449
Unknown	0	\$0	0	\$0
White Oak River	153,834	\$199,229	236,834	\$276,613

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2003		2002	
	Pounds	Value	Pounds	Value
Albemarle Sound	15,526,432	\$14,057,913	18,331,796	\$16,774,714
Alligator River	2,557,112	\$2,135,054	2,290,476	\$1,663,670
Back Bay (VA)	0	\$0	0	\$0
Bay River	585,136	\$463,283	531,539	\$421,617
Bogue Sound	563,219	\$759,086	415,061	\$562,475
Cape Fear River	678,973	\$991,958	850,752	\$1,097,499
Chowan River	365,153	\$107,848	522,292	\$152,248
Core Sound	3,752,490	\$3,749,556	3,797,000	\$3,271,306
Croatan Sound	1,382,853	\$1,122,777	1,672,407	\$1,369,485
Currituck Sound	2,546,110	\$2,786,796	2,870,616	\$3,163,759
Inland Waterway*	251,218	\$246,293	465,633	\$539,780
Inland Waterway (Brunswick)	66,054	\$79,496	2,950	\$8,717
Inland Waterway (Onslow)	201,611	\$335,066	24,064	\$65,086
Lockwood's Folly River	82,637	\$179,738	47,463	\$162,604
Masonboro Sound	281,947	\$433,689	253,767	\$372,700
Neuse River	2,589,531	\$2,239,599	2,431,813	\$2,108,594
New River	947,215	\$2,237,245	1,176,832	\$2,542,409
Newport River	514,305	\$717,786	691,944	\$861,309
North River/Back Sound	283,176	\$425,255	265,622	\$354,453
Ocean 0-3 mi, N of Cape Hatteras	3,066,012	\$1,702,525	4,730,797	\$2,775,323
Ocean 0-3 mi, S of Cape Hatteras	51,679,178	\$8,648,023	71,813,882	\$9,854,924
Ocean >3 mi, N of Cape Hatteras	20,485,865	\$12,165,274	17,011,029	\$12,123,569
Ocean >3 mi, S of Cape Hatteras	5,696,322	\$8,079,943	6,011,076	\$7,136,461
Ocean less than 3 miles*	9,088	\$5,367	1,928	\$1,202
Ocean more than 3 miles*	0	\$0	0	\$0
Pamlico River	3,942,953	\$3,218,851	3,537,443	\$2,882,204
Pamlico Sound	16,222,334	\$14,577,561	15,752,223	\$19,271,333
Pasquotank River	19,696	\$20,864	78,558	\$71,586
Perquimans River	93,443	\$62,440	71,694	\$57,341
Pungo River	1,556,236	\$1,351,676	1,581,145	\$1,224,411
Roanoke River	8,177	\$2,218	36,472	\$7,567
Roanoke Sound	2,566,207	\$2,733,148	2,010,398	\$2,287,732
Shalotte River	86,452	\$268,104	88,031	\$260,181
Stump Sound	199,350	\$313,749	201,655	\$372,673
Topsail Sound	327,987	\$491,502	224,594	\$437,126
Unknown	0	\$0	0	\$0
White Oak River	289,034	\$403,147	381,352	\$491,481

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.



**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2001		2000	
	Pounds	Value	Pounds	Value
Albemarle Sound	12,775,886	\$13,358,549	15,526,073	\$15,314,006
Alligator River	1,078,472	\$937,893	1,654,134	\$1,422,611
Back Bay (VA)	0	\$0	0	\$0
Bay River	618,357	\$558,340	1,307,052	\$1,157,302
Bogue Sound	536,963	\$676,811	639,109	\$807,823
Cape Fear River	680,259	\$816,647	728,472	\$785,207
Chowan River	657,997	\$183,890	802,679	\$235,215
Core Sound	4,284,823	\$3,964,640	4,356,667	\$3,957,937
Croatan Sound	1,587,120	\$1,696,795	1,372,071	\$1,391,640
Currituck Sound	1,658,571	\$1,606,122	2,122,696	\$2,112,071
Inland Waterway*	604,043	\$806,774	687,131	\$902,983
Inland Waterway (Brunswick)	0	\$0	0	\$0
Inland Waterway (Onslow)	0	\$0	0	\$0
Lockwood's Folly River	76,107	\$280,474	47,924	\$225,923
Masonboro Sound	268,930	\$484,033	249,225	\$421,300
Neuse River	2,120,993	\$1,964,608	2,931,481	\$2,812,592
New River	987,969	\$2,115,963	1,411,497	\$3,473,165
Newport River	571,769	\$1,073,764	615,141	\$935,662
North River/Back Sound	154,630	\$299,493	276,180	\$458,198
Ocean 0-3 mi, N of Cape Hatteras	14,043,109	\$2,903,581	6,111,924	\$3,346,028
Ocean 0-3 mi, S of Cape Hatteras	50,272,953	\$8,415,917	59,477,107	\$9,034,777
Ocean >3 mi, N of Cape Hatteras	15,724,074	\$11,414,136	17,091,931	\$12,043,215
Ocean >3 mi, S of Cape Hatteras	5,767,386	\$7,576,956	7,159,261	\$8,737,703
Ocean less than 3 miles*	5,870	\$2,269	16,994	\$10,882
Ocean more than 3 miles*	0	\$0	0	\$0
Pamlico River	2,566,846	\$2,423,558	4,216,761	\$3,622,093
Pamlico Sound	15,459,483	\$18,246,764	20,589,444	\$29,240,924
Pasquotank River	114,918	\$121,785	36,631	\$32,193
Perquimans River	47,189	\$37,000	36,640	\$25,332
Pungo River	1,029,743	\$986,481	2,335,241	\$2,063,842
Roanoke River	58,335	\$15,052	49,701	\$14,850
Roanoke Sound	2,417,605	\$3,017,144	1,322,093	\$1,928,152
Shalotte River	132,234	\$458,901	89,235	\$369,459
Stump Sound	196,395	\$455,131	208,599	\$351,605
Topsail Sound	317,319	\$607,285	307,349	\$640,858
Unknown	0	\$0	174,249	\$52,214
White Oak River	349,988	\$636,433	269,407	\$387,048

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	1999		1998	
	Pounds	Value	Pounds	Value
Albemarle Sound	14,898,838	\$11,070,330	14,649,584	\$12,711,358
Alligator River	1,387,040	\$919,944	1,482,820	\$1,067,348
Back Bay (VA)	0	\$0	0	\$0
Bay River	1,691,651	\$1,180,419	3,213,803	\$2,226,545
Bogue Sound	428,981	\$599,088	495,801	\$639,523
Cape Fear River	745,639	\$686,067	802,484	\$783,534
Chowan River	895,224	\$322,352	871,549	\$285,650
Core Sound	5,138,589	\$4,524,483	6,436,150	\$4,765,799
Croatan Sound	2,489,096	\$1,793,268	3,247,855	\$2,431,922
Currituck Sound	2,042,858	\$1,420,295	2,602,684	\$2,230,285
Inland Waterway*	512,513	\$566,955	500,785	\$528,708
Inland Waterway (Brunswick)	0	\$0	0	\$0
Inland Waterway (Onslow)	0	\$0	0	\$0
Lockwood's Folly River	29,494	\$116,630	44,348	\$152,850
Masonboro Sound	214,652	\$346,269	286,934	\$445,867
Neuse River	4,919,435	\$3,857,118	4,607,940	\$3,629,866
New River	992,347	\$2,119,915	1,047,715	\$2,605,163
Newport River	831,463	\$1,212,274	671,065	\$986,170
North River/Back Sound	253,690	\$400,842	313,268	\$394,104
Ocean 0-3 mi, N of Cape Hatteras	6,993,219	\$3,498,628	7,998,803	\$3,190,892
Ocean 0-3 mi, S of Cape Hatteras	7,288,770	\$8,730,612	20,335,858	\$7,212,917
Ocean >3 mi, N of Cape Hatteras	13,746,976	\$9,058,681	10,120,862	\$6,707,721
Ocean >3 mi, S of Cape Hatteras	6,411,322	\$7,699,585	8,792,613	\$8,730,712
Ocean less than 3 miles*	40,758,873	\$2,951,627	49,605,030	\$5,124,988
Ocean more than 3 miles*	792,853	\$818,922	2,077,492	\$2,237,926
Pamlico River	8,070,567	\$5,142,271	7,115,199	\$5,368,222
Pamlico Sound	27,209,387	\$25,695,468	28,582,776	\$21,652,714
Pasquotank River	99,852	\$88,416	91,364	\$51,827
Perquimans River	32,603	\$24,390	49,050	\$27,218
Pungo River	2,207,002	\$1,420,929	1,757,662	\$1,372,552
Roanoke River	13,731	\$4,091	76,268	\$15,160
Roanoke Sound	1,650,628	\$1,724,769	1,445,844	\$1,854,894
Shalotte River	73,698	\$292,726	85,187	\$347,208
Stump Sound	255,430	\$433,144	252,811	\$419,497
Topsail Sound	369,453	\$553,626	313,708	\$498,567
Unknown	0	\$0	4,654	\$3,494
White Oak River	296,281	\$406,918	250,593	\$317,336

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	1997		1996	
	Pounds	Value	Pounds	Value
Albemarle Sound	10,429,327	\$8,883,162	22,400,870	\$15,435,358
Alligator River	744,434	\$457,985	2,368,629	\$1,449,737
Back Bay (VA)	0	\$0	0	\$0
Bay River	4,114,309	\$2,647,539	4,033,627	\$2,380,859
Bogue Sound	481,734	\$655,934	528,428	\$598,829
Cape Fear River	824,878	\$900,007	790,624	\$912,391
Chowan River	696,703	\$229,422	786,239	\$184,489
Core Sound	7,015,344	\$5,694,046	5,295,615	\$5,625,072
Croatan Sound	2,174,611	\$2,185,260	3,384,699	\$2,398,638
Currituck Sound	2,389,693	\$1,907,186	2,807,397	\$2,030,389
Inland Waterway*	565,185	\$722,484	672,206	\$740,862
Inland Waterway (Brunswick)	0	\$0	0	\$0
Inland Waterway (Onslow)	0	\$0	0	\$0
Lockwood's Folly River	84,424	\$322,580	91,424	\$312,854
Masonboro Sound	230,861	\$416,274	230,018	\$381,637
Neuse River	5,244,809	\$3,995,716	5,951,893	\$4,243,256
New River	945,059	\$2,468,455	957,349	\$2,058,604
Newport River	797,742	\$1,331,681	592,383	\$1,018,049
North River/Back Sound	208,761	\$418,286	167,165	\$379,639
Ocean 0-3 mi, N of Cape Hatteras	6,878,600	\$2,418,546	4,335,565	\$1,837,450
Ocean 0-3 mi, S of Cape Hatteras	46,647,325	\$9,250,257	12,619,740	\$6,269,228
Ocean >3 mi, N of Cape Hatteras	11,864,692	\$6,783,544	12,419,004	\$8,202,979
Ocean >3 mi, S of Cape Hatteras	7,372,884	\$7,155,608	4,711,932	\$5,126,395
Ocean less than 3 miles*	71,094,261	\$8,154,167	62,075,463	\$8,246,451
Ocean more than 3 miles*	5,932,535	\$4,170,022	10,403,852	\$7,304,720
Pamlico River	8,306,215	\$5,432,996	8,609,331	\$5,897,194
Pamlico Sound	28,416,228	\$26,888,877	20,089,427	\$17,910,309
Pasquotank River	79,593	\$52,262	160,994	\$125,649
Perquimans River	46,697	\$30,299	63,983	\$30,649
Pungo River	2,615,848	\$1,754,997	2,319,609	\$1,654,359
Roanoke River	85,827	\$26,060	77,762	\$17,404
Roanoke Sound	1,490,143	\$2,001,626	1,423,876	\$1,291,891
Shalotte River	120,255	\$520,645	105,543	\$437,139
Stump Sound	247,162	\$412,984	207,517	\$318,517
Topsail Sound	240,912	\$396,923	235,307	\$393,089
Unknown	19,336	\$14,631	6,919	\$5,859
White Oak River	158,942	\$287,656	198,175	\$310,711

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 35. Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	1995		1994	
	Pounds	Value	Pounds	Value
Albemarle Sound	17,131,837	\$15,052,494	14,000,598	\$9,263,459
Alligator River	1,612,811	\$1,298,941	1,479,920	\$767,862
Back Bay (VA)	0	\$0	0	\$0
Bay River	1,952,898	\$1,391,748	2,256,348	\$1,224,308
Bogue Sound	651,335	\$804,277	537,109	\$549,053
Cape Fear River	956,371	\$1,123,075	1,086,370	\$1,105,180
Chowan River	673,015	\$175,014	1,021,070	\$213,181
Core Sound	7,002,165	\$6,388,015	9,675,334	\$5,754,288
Croatan Sound	2,420,850	\$2,378,976	2,462,118	\$1,988,676
Currituck Sound	3,712,965	\$2,669,600	2,564,127	\$1,380,051
Inland Waterway*	844,979	\$1,068,306	640,429	\$679,873
Inland Waterway (Brunswick)	0	\$0	0	\$0
Inland Waterway (Onslow)	0	\$0	0	\$0
Lockwood's Folly River	115,166	\$333,708	75,003	\$215,670
Masonboro Sound	323,968	\$463,971	270,376	\$319,579
Neuse River	3,334,308	\$2,897,225	4,194,582	\$2,829,539
New River	1,155,551	\$2,043,871	758,165	\$1,326,327
Newport River	709,401	\$1,054,269	662,247	\$828,998
North River/Back Sound	368,609	\$806,191	331,335	\$575,636
Ocean 0-3 mi, N of Cape Hatteras	1,180,174	\$856,325	1,409	\$3,954
Ocean 0-3 mi, S of Cape Hatteras	1,376,398	\$1,423,197	11,443	\$3,851
Ocean >3 mi, N of Cape Hatteras	2,324,224	\$2,797,887	20,915	\$34,980
Ocean >3 mi, S of Cape Hatteras	151,402	\$190,179	1,247	\$766
Ocean less than 3 miles*	75,236,677	\$11,514,703	88,255,874	\$10,405,481
Ocean more than 3 miles*	24,853,397	\$22,179,335	25,997,781	\$19,861,572
Pamlico River	6,155,195	\$4,968,694	8,091,184	\$4,763,993
Pamlico Sound	18,383,712	\$21,748,877	25,967,147	\$24,221,398
Pasquotank River	220,100	\$176,968	303,570	\$164,161
Perquimans River	87,623	\$61,613	108,420	\$63,936
Pungo River	561,842	\$425,999	0	\$0
Roanoke River	30,181	\$5,316	71,596	\$17,630
Roanoke Sound	1,234,279	\$1,272,252	1,158,033	\$1,198,180
Shalotte River	94,554	\$376,900	117,408	\$408,238
Stump Sound	251,563	\$332,458	156,769	\$184,319
Topsail Sound	335,431	\$558,093	283,666	\$372,569
Unknown	63,066	\$131,541	92,349	\$164,052
White Oak River	258,971	\$397,957	258,382	\$379,794

\* The "Inland Waterway" code was split out into subcategories in 2006. The ocean codes were split out into subcategories in 1994.

**Table 36. Annual landings and trips by major finfish fisheries.**

Fishery	2015		2014		2013	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	20,770	4,259,962	24,330	4,877,099	32,780	5,686,210
Flounder Pound Net	1,491	765,981	1,420	973,476	1,691	1,089,372
Long Haul Seine	45	68,879	202	235,066	291	417,871
Ocean Gillnet	4,562	8,971,906	5,300	11,733,084	4,581	7,685,629
Ocean Trawl	281	3,698,823	284	4,809,914	74	1,007,720
Sciaenid Pound Net	345	155,013	354	202,070	440	260,037

Fishery	2012		2011		2010	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	27,878	5,310,426	25,450	5,643,223	30,099	6,433,348
Flounder Pound Net	1,194	634,923	1,263	588,840	1,279	644,299
Long Haul Seine	177	426,639	369	454,218	372	677,346
Ocean Gillnet	5,088	8,665,987	5,372	10,884,141	4,599	10,407,686
Ocean Trawl	121	1,470,833	483	7,033,232	618	8,337,269
Sciaenid Pound Net	549	348,651	349	199,851	373	193,749

Fishery	2009		2008		2007	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	36,172	6,445,116	36,516	6,121,269	36,173	5,645,861
Flounder Pound Net	1,311	669,733	1,226	761,431	1,329	550,171
Long Haul Seine	380	668,311	381	659,388	434	843,788
Ocean Gillnet	4,714	8,213,020	4,515	6,180,500	5,925	6,875,998
Ocean Trawl	560	9,368,296	487	7,198,787	516	8,528,281
Sciaenid Pound Net	354	347,339	236	206,347	216	161,710

Fishery	2006		2005		2004	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	35,629	5,822,313	34,666	6,640,881	35,347	6,365,281
Flounder Pound Net	1,142	644,654	1,242	506,038	1,100	702,998
Long Haul Seine	538	1,029,630	452	1,000,726	481	1,374,669
Ocean Gillnet	4,485	7,615,784	5,190	9,009,840	6,187	11,088,353
Ocean Trawl	569	12,393,971	633	12,964,195	780	14,840,682
Sciaenid Pound Net	207	155,457	163	185,734	243	107,917

Fishery	2003		2002		2001	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	39,087	7,417,366	41,057	7,866,073	45,053	8,169,125
Flounder Pound Net	1,003	564,645	1,633	1,690,815	1,697	1,505,528
Long Haul Seine	476	1,304,533	437	1,203,683	435	1,812,459
Ocean Gillnet	5,618	10,002,608	5,865	9,940,029	7,066	13,291,539
Ocean Trawl	691	14,912,390	859	11,129,830	771	10,470,758
Sciaenid Pound Net	208	84,270	310	224,628	303	248,003

**Table 36. Annual landings and trips by major finfish fisheries (continued).**

Fishery	2000		1999		1998	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	48,120	8,077,455	45,689	7,610,889	44,555	8,213,434
Flounder Pound Net	1,454	1,013,414	1,340	859,698	1,942	1,372,299
Long Haul Seine	438	1,562,250	558	1,244,552	639	1,869,925
Ocean Gillnet	6,494	14,570,613	7,364	14,195,316	8,234	17,581,074
Ocean Trawl	628	10,705,093	706	10,547,906	908	9,593,434
Sciaenid Pound Net	332	271,397	617	629,585	637	770,390

Fishery	1997		1996		1995	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	50,824	7,880,518	45,579	6,598,685	49,757	7,530,802
Flounder Pound Net	2,367	1,503,017	2,614	1,790,418	2,580	1,787,071
Long Haul Seine	749	2,527,577	998	2,112,554	978	2,261,860
Ocean Gillnet	9,295	19,396,728	8,697	25,445,363	8,512	18,660,602
Ocean Trawl	680	11,227,005	636	11,204,071	733	11,105,346
Sciaenid Pound Net	778	705,610	714	458,391	705	583,900

Fishery	1994	
	Trips	Pounds
Estuarine Gillnet	42,402	6,813,142
Flounder Pound Net	3,269	2,444,346
Long Haul Seine	938	2,059,212
Ocean Gillnet	7,743	16,598,338
Ocean Trawl	706	9,899,385
Sciaenid Pound Net	438	389,494

**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 in estuarine waters.
- 4) Ocean Gillnet = Landings from all gillnets in the ocean.
- 5) Ocean Trawl = Landings from Flounder Trawls and Flynets in the ocean from January – May and October – December.
- 6) 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.

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data).**

Gear	2015		2014	
	Pounds	Value	Pounds	Value
Beach Seine	35,267	\$22,754	160,310	\$163,157
By Hand	451,879	\$3,489,932	443,699	\$2,354,163
Cast Net	142,629	\$150,785	129,922	\$77,683
Channel Net	232,850	\$285,627	166,774	\$246,423
Clam Dredge	24,365	\$274,401	34,712	\$238,481
Clam Trawl Kicking	6,118	\$61,582	8,253	\$49,874
Crab Dredge	***	***	***	***
Crab Pot	31,131,555	\$30,472,105	25,534,608	\$29,347,503
Crab Trawl	261,577	\$300,404	71,125	\$88,358
Eel Pot	56,068	\$138,568	57,419	\$154,280
Fish Pot	203,710	\$401,822	243,571	\$482,948
Flounder Trawl	3,543,173	\$10,047,329	3,558,537	\$8,202,858
Flynet	166,025	\$109,911	1,264,330	\$748,425
Fyke Net	424,941	\$174,843	272,056	\$125,221
Gigs	148,790	\$445,372	152,072	\$394,838
Gill Net (anchored)	12,010,599	\$8,069,663	15,074,944	\$9,618,596
Gill Net (drift)	164,882	\$205,614	91,968	\$93,287
Gill Net (runaround)	1,056,387	\$811,336	1,443,271	\$1,580,363
Haul Seine	68,879	\$61,088	237,688	\$168,943
Longline	2,017,312	\$4,715,705	2,864,706	\$6,928,470
Other	239,067	\$2,334,654	342,286	\$1,182,719
Oyster Dredge	206,922	\$1,527,431	345,743	\$2,027,124
Peeler Pot	837,695	\$3,334,772	638,860	\$2,922,858
Peeler Trawl**	***	***	1,849	\$6,177
Pound Net	1,470,617	\$2,683,188	1,638,824	\$2,677,030
Purse Seine	0	\$0	0	\$0
Rake	303,690	\$3,006,804	281,063	\$1,798,808
Rod-n-Reel	965,806	\$2,878,633	1,215,779	\$3,266,891
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	8,562,021	\$16,162,681	4,610,173	\$12,165,714
Skimmer Trawl	448,920	\$555,586	148,780	\$225,407
Tongs, Hand	80,090	\$703,325	89,346	\$521,766
Trolling	649,534	\$1,205,837	835,460	\$1,995,976
Trolling, Greenstick*	33,615	\$85,747	***	***
Trotline	9,940	\$3,226	7,105	\$1,210
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	2013		2012	
	Pounds	Value	Pounds	Value
Beach Seine	117,550	\$129,659	102,339	\$45,634
By Hand	376,220	\$2,115,514	325,646	\$1,820,674
Cast Net	108,896	\$71,262	118,693	\$63,580
Channel Net	338,507	\$648,790	254,838	\$435,937
Clam Dredge	30,262	\$215,437	100,802	\$306,982
Clam Trawl Kicking	12,416	\$75,948	13,976	\$79,580
Crab Dredge	***	***	***	***
Crab Pot	21,783,620	\$28,075,766	26,351,721	\$21,550,133
Crab Trawl	68,562	\$76,266	7,867	\$6,558
Eel Pot	31,062	\$81,529	56,335	\$140,547
Fish Pot	237,260	\$522,859	229,629	\$505,606
Flounder Trawl	1,002,005	\$1,771,043	1,147,818	\$3,035,306
Flynet	5,797	\$3,324	323,015	\$186,578
Fyke Net	295,417	\$113,824	194,326	\$84,126
Gigs	141,757	\$357,332	175,248	\$423,579
Gill Net (anchored)	12,083,847	\$10,335,408	12,288,227	\$9,650,871
Gill Net (drift)	63,522	\$83,713	221,458	\$257,624
Gill Net (runaround)	1,224,470	\$1,322,201	1,466,729	\$1,010,167
Haul Seine	419,557	\$339,734	426,639	\$373,816
Longline	2,543,852	\$6,414,836	2,676,660	\$7,600,518
Other	95,419	\$588,144	98,486	\$656,204
Oyster Dredge	233,223	\$1,385,311	122,986	\$708,889
Peeler Pot	397,722	\$1,964,837	483,677	\$1,429,159
Peeler Trawl**	***	***	2,466	\$5,927
Pound Net	1,687,109	\$3,097,943	1,344,614	\$2,152,974
Purse Seine	0	\$0	0	\$0
Rake	210,189	\$1,362,652	169,454	\$1,074,502
Rod-n-Reel	1,116,133	\$3,135,676	1,240,589	\$3,741,886
Scallop Dredge (bay)	***	***	***	***
Shrimp Trawl	4,455,700	\$12,001,423	5,707,327	\$12,525,239
Skimmer Trawl	345,736	\$586,654	313,123	\$494,921
Tongs, Hand	97,834	\$587,088	129,220	\$745,936
Trolling	668,020	\$1,638,829	589,856	\$1,456,102
Trolling, Greenstick*	***	***	0	\$0
Trotline	5,853	\$2,057	7,172	\$1,565
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".



**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	2011		2010	
	Pounds	Value	Pounds	Value
Beach Seine	94,092	\$87,097	140,871	\$83,805
By Hand	331,453	\$1,874,104	344,380	\$1,925,546
Cast Net	61,481	\$42,576	105,056	\$43,524
Channel Net	100,491	\$112,545	133,336	\$191,230
Clam Dredge	32,949	\$229,998	56,368	\$428,669
Clam Trawl Kicking	23,754	\$138,402	39,669	\$275,934
Crab Dredge	6,880	\$4,415	52,876	\$46,381
Crab Pot	29,191,454	\$19,162,907	29,824,221	\$24,633,067
Crab Trawl	252,643	\$148,144	305,052	\$258,805
Eel Pot	61,450	\$122,900	121,275	\$348,627
Fish Pot	197,786	\$383,779	322,834	\$699,308
Flounder Trawl	3,380,756	\$6,611,863	3,732,459	\$7,660,133
Flynet	4,751,005	\$1,051,001	5,686,827	\$2,330,626
Fyke Net	141,924	\$57,202	101,016	\$61,773
Gigs	127,188	\$273,356	140,491	\$282,151
Gill Net (anchored)	15,263,221	\$10,193,960	15,076,607	\$9,963,316
Gill Net (drift)	39,534	\$33,269	53,794	\$48,707
Gill Net (runaround)	1,224,608	\$848,270	1,710,632	\$1,001,188
Haul Seine	454,218	\$305,521	677,346	\$428,989
Longline	2,151,569	\$5,429,925	1,945,803	\$4,102,994
Other	110,943	\$931,611	682,439	\$1,341,562
Oyster Dredge	484,844	\$2,563,415	749,264	\$3,568,418
Peeler Pot	673,289	\$2,088,618	506,454	\$1,629,569
Peeler Trawl**	2,772	\$4,757	2,746	\$5,846
Pound Net	1,167,914	\$1,445,732	1,206,824	\$1,674,849
Purse Seine	0	\$0	***	***
Rake	142,174	\$901,816	142,060	\$968,243
Rod-n-Reel	1,227,353	\$3,279,275	1,557,355	\$3,687,286
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	5,031,735	\$10,726,044	5,661,456	\$10,253,114
Skimmer Trawl	56,481	\$94,050	285,498	\$384,621
Tongs, Hand	136,037	\$763,505	106,097	\$553,766
Trolling	580,016	\$1,274,027	530,301	\$983,129
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	***	***	545	\$89
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	2009		2008	
	Pounds	Value	Pounds	Value
Beach Seine	123,082	\$70,115	200,071	\$245,056
By Hand	314,052	\$1,597,400	345,428	\$1,725,901
Cast Net	114,429	\$82,607	77,286	\$38,875
Channel Net	185,546	\$211,125	261,531	\$342,646
Clam Dredge	38,194	\$212,937	50,403	\$299,491
Clam Trawl Kicking	43,780	\$233,481	32,750	\$189,084
Crab Dredge	***	***	0	\$0
Crab Pot	28,511,807	\$25,695,758	31,045,109	\$25,622,291
Crab Trawl	991,719	\$597,595	1,605,273	\$880,324
Eel Pot	64,626	\$152,517	22,846	\$51,404
Fish Pot	463,024	\$875,184	331,440	\$661,344
Flounder Trawl	3,449,936	\$6,155,422	3,117,958	\$6,068,281
Flynet	5,918,660	\$2,443,095	4,153,239	\$2,048,163
Fyke Net	145,562	\$71,989	124,617	\$72,475
Gigs	96,848	\$170,850	97,565	\$190,092
Gill Net (anchored)	13,108,356	\$9,732,933	10,821,742	\$9,828,005
Gill Net (drift)	21,747	\$16,121	34,362	\$36,457
Gill Net (runaround)	1,528,032	\$816,572	1,445,665	\$714,250
Haul Seine	668,311	\$399,248	659,388	\$413,007
Longline	2,088,631	\$3,933,007	1,753,621	\$3,894,989
Other	425,656	\$2,420,846	199,097	\$1,068,252
Oyster Dredge	297,748	\$1,378,078	157,150	\$686,540
Peeler Pot	283,644	\$1,169,830	309,151	\$1,079,451
Peeler Trawl**	0	\$0	0	\$0
Pound Net	1,331,443	\$1,646,988	1,181,543	\$1,829,516
Purse Seine	0	\$0	0	\$0
Rake	152,224	\$858,992	167,017	\$1,002,052
Rod-n-Reel	1,896,690	\$4,111,201	2,211,210	\$5,136,730
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	5,239,668	\$8,340,236	9,108,323	\$18,727,131
Skimmer Trawl	181,647	\$174,070	379,896	\$461,979
Tongs, Hand	103,598	\$504,774	121,068	\$580,407
Trolling	1,174,860	\$3,123,390	1,185,482	\$2,915,661
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	***	***	0	\$0
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	2007		2006	
	Pounds	Value	Pounds	Value
Beach Seine	229,469	\$138,172	404,753	\$276,373
By Hand	370,855	\$2,019,284	311,485	\$1,694,363
Cast Net	77,482	\$44,216	51,597	\$28,505
Channel Net	175,462	\$278,922	183,262	\$229,523
Clam Dredge	36,322	\$240,680	38,532	\$247,915
Clam Trawl Kicking	19,144	\$102,378	32,163	\$137,654
Crab Dredge	***	***	***	***
Crab Pot	20,993,107	\$19,709,172	24,757,764	\$15,515,693
Crab Trawl	32,376	\$34,697	148,962	\$97,665
Eel Pot	38,953	\$73,669	33,081	\$69,326
Fish Pot	372,403	\$662,823	555,392	\$902,229
Flounder Trawl	3,192,097	\$6,970,610	4,547,634	\$9,399,061
Flynet	5,580,358	\$2,265,417	8,760,624	\$3,042,679
Fyke Net	258,716	\$131,022	225,416	\$106,251
Gigs	116,910	\$250,038	93,703	\$181,269
Gill Net (anchored)	11,251,700	\$9,816,634	12,019,201	\$9,106,410
Gill Net (drift)	24,148	\$12,548	41,729	\$32,912
Gill Net (runaround)	1,246,010	\$657,494	1,377,167	\$887,082
Haul Seine	843,850	\$513,664	1,030,980	\$671,315
Longline	2,441,608	\$5,193,627	2,916,119	\$4,883,874
Other	281,687	\$1,696,812	128,063	\$824,070
Oyster Dredge	106,840	\$540,758	149,670	\$734,624
Peeler Pot	417,799	\$1,694,927	472,219	\$1,524,555
Peeler Trawl**	0	\$0	0	\$0
Pound Net	1,342,078	\$1,498,671	1,212,258	\$1,667,481
Purse Seine	0	\$0	0	\$0
Rake	231,257	\$1,349,316	239,054	\$1,472,155
Rod-n-Reel	1,983,143	\$4,721,165	1,665,629	\$3,571,301
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	9,044,300	\$17,202,339	5,013,152	\$8,452,831
Skimmer Trawl	590,953	\$678,204	689,662	\$597,068
Tongs, Hand	127,649	\$670,038	115,486	\$610,825
Trolling	1,446,162	\$3,115,435	1,519,566	\$3,116,742
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	2,141	\$1,893	9,025	\$3,769
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	2005		2004	
	Pounds	Value	Pounds	Value
Beach Seine	658,896	\$833,083	494,583	\$397,963
By Hand	284,636	\$1,549,609	350,914	\$1,825,990
Cast Net	38,488	\$19,097	39,498	\$18,974
Channel Net	132,889	\$189,087	155,486	\$231,817
Clam Dredge	42,756	\$299,061	59,474	\$400,796
Clam Trawl Kicking	50,993	\$243,927	83,187	\$422,981
Crab Dredge	***	***	***	***
Crab Pot	23,929,406	\$17,063,764	32,307,458	\$21,551,133
Crab Trawl	429,387	\$399,419	977,037	\$616,842
Eel Pot	49,856	\$103,571	132,148	\$267,023
Fish Pot	412,500	\$519,349	644,413	\$741,623
Flounder Trawl	5,028,396	\$8,586,142	6,125,688	\$8,664,776
Flynet	9,070,656	\$2,547,064	10,652,381	\$3,263,036
Fyke Net	195,997	\$78,005	210,323	\$94,433
Gigs	76,239	\$125,693	91,927	\$137,915
Gill Net (anchored)	14,277,816	\$8,485,709	16,340,593	\$8,562,645
Gill Net (drift)	214,253	\$63,167	56,938	\$37,417
Gill Net (runaround)	1,158,651	\$642,487	1,056,103	\$532,713
Haul Seine	1,061,120	\$497,884	1,412,181	\$607,573
Longline	2,468,339	\$3,810,534	2,442,141	\$3,498,121
Other	58,096	\$335,240	278,943	\$1,335,011
Oyster Dredge	135,518	\$579,373	112,689	\$467,911
Peeler Pot	1,080,559	\$2,857,364	796,946	\$2,338,148
Peeler Trawl**	0	\$0	0	\$0
Pound Net	1,135,225	\$1,211,993	1,230,866	\$1,296,969
Purse Seine	11,883,790	\$1,069,541	49,485,530	\$4,453,698
Rake	197,641	\$1,333,885	212,012	\$1,284,796
Rod-n-Reel	1,606,601	\$3,245,071	1,583,760	\$3,430,965
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	2,148,628	\$4,016,341	4,720,874	\$8,938,263
Skimmer Trawl	179,357	\$266,903	381,421	\$535,306
Tongs, Hand	96,811	\$482,404	112,370	\$549,613
Trolling	1,515,864	\$3,432,314	1,543,717	\$3,193,666
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	9,545	\$2,553	15,701	\$6,960
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	2003		2002	
	Pounds	Value	Pounds	Value
Beach Seine	115,454	\$55,375	650,975	\$485,770
By Hand	342,539	\$1,765,876	374,873	\$1,897,821
Cast Net	35,571	\$22,953	67,901	\$39,711
Channel Net	259,415	\$423,126	313,842	\$472,876
Clam Dredge	45,528	\$308,818	68,572	\$438,305
Clam Trawl Kicking	74,360	\$398,320	94,211	\$343,833
Crab Dredge	***	***	***	***
Crab Pot	40,847,981	\$34,472,140	35,874,493	\$30,638,735
Crab Trawl	1,387,493	\$933,299	1,192,405	\$711,038
Eel Pot	169,391	\$263,024	56,841	\$78,425
Fish Pot	494,640	\$699,754	477,040	\$623,843
Flounder Trawl	4,872,811	\$6,917,958	4,997,273	\$6,605,464
Flynet	10,619,229	\$2,398,311	6,221,118	\$2,134,819
Fyke Net	258,115	\$122,856	158,960	\$69,581
Gigs	74,097	\$117,152	82,597	\$116,692
Gill Net (anchored)	16,471,924	\$8,236,032	16,273,161	\$9,343,860
Gill Net (drift)	59,297	\$38,550	61,213	\$43,032
Gill Net (runaround)	888,752	\$484,074	1,471,728	\$761,486
Haul Seine	1,314,570	\$600,991	1,268,013	\$502,127
Longline	2,224,466	\$3,274,581	2,611,720	\$2,571,034
Other	212,281	\$725,622	406,587	\$1,242,602
Oyster Dredge	49,683	\$191,357	33,210	\$134,554
Peeler Pot	425,517	\$1,586,964	545,433	\$1,723,030
Peeler Trawl**	0	\$0	0	\$0
Pound Net	1,075,542	\$1,185,017	2,515,781	\$2,565,034
Purse Seine	47,548,450	\$3,808,543	70,728,350	\$5,066,122
Rake	213,434	\$1,294,558	232,386	\$1,345,073
Rod-n-Reel	1,752,487	\$3,812,354	1,954,098	\$3,842,749
Scallop Dredge (bay)	2,190	\$8,398	1,415	\$6,009
Shrimp Trawl	5,895,473	\$10,121,967	9,286,511	\$17,090,962
Skimmer Trawl	483,674	\$719,508	837,891	\$1,140,689
Tongs, Hand	98,362	\$473,468	89,605	\$420,082
Trolling	1,089,601	\$1,645,106	1,161,314	\$2,237,269
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	21,180	\$6,780	64,788	\$54,914
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	2001		2000	
	Pounds	Value	Pounds	Value
Beach Seine	391,916	\$266,401	795,786	\$483,531
By Hand	411,594	\$2,334,157	343,045	\$1,899,867
Cast Net	49,453	\$23,763	49,310	\$49,809
Channel Net	274,050	\$451,253	302,045	\$649,667
Clam Dredge	47,559	\$344,823	79,987	\$649,749
Clam Trawl Kicking	92,345	\$337,695	64,706	\$285,017
Crab Dredge	7,220	\$5,836	0	\$0
Crab Pot	30,025,528	\$28,146,737	38,919,730	\$34,545,920
Crab Trawl	1,091,919	\$879,256	1,028,085	\$873,665
Eel Pot	106,969	\$118,562	122,197	\$166,498
Fish Pot	600,607	\$837,807	532,150	\$742,189
Flounder Trawl	3,661,463	\$4,921,016	4,329,876	\$6,418,696
Flynet	6,809,295	\$1,839,288	6,458,098	\$2,072,480
Fyke Net	396,933	\$156,933	546,327	\$212,263
Gigs	82,884	\$128,918	87,693	\$145,034
Gill Net (anchored)	19,970,304	\$10,116,140	21,288,418	\$11,921,601
Gill Net (drift)	47,101	\$21,952	15,445	\$10,473
Gill Net (runaround)	1,443,260	\$769,760	1,344,205	\$870,854
Haul Seine	1,881,584	\$704,156	1,589,560	\$671,903
Longline	2,542,650	\$3,296,635	2,745,580	\$3,086,966
Other	544,809	\$1,725,967	58,658	\$188,518
Oyster Dredge	39,485	\$162,195	19,217	\$74,171
Peeler Pot	948,771	\$3,164,690	565,741	\$1,992,316
Peeler Trawl**	0	\$0	0	\$0
Pound Net	2,429,190	\$2,680,289	2,131,743	\$2,076,960
Purse Seine	54,092,388	\$4,348,949	56,290,600	\$3,439,512
Rake	355,969	\$2,378,827	343,454	\$2,297,608
Rod-n-Reel	1,735,405	\$3,271,570	1,749,222	\$3,644,658
Scallop Dredge (bay)	0	\$0	642	\$2,495
Shrimp Trawl	5,088,097	\$11,264,148	10,001,732	\$24,123,831
Skimmer Trawl	320,801	\$501,657	628,768	\$1,092,045
Tongs, Hand	105,264	\$566,907	68,150	\$353,980
Trolling	1,551,569	\$2,363,046	1,675,876	\$3,247,201
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	19,951	\$13,856	44,053	\$25,336
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	1999		1998	
	Pounds	Value	Pounds	Value
Beach Seine	522,999	\$305,089	751,661	\$393,818
By Hand	265,666	\$1,453,071	284,068	\$1,470,443
Cast Net	35,831	\$16,513	75,384	\$23,024
Channel Net	302,188	\$590,823	185,277	\$401,744
Clam Dredge	66,761	\$500,988	60,973	\$463,012
Clam Trawl Kicking	89,847	\$428,635	76,148	\$514,817
Crab Dredge	0	\$0	0	\$0
Crab Pot	54,983,936	\$34,913,243	57,891,362	\$41,073,096
Crab Trawl	1,925,483	\$1,280,869	3,226,974	\$2,163,111
Eel Pot	96,587	\$128,066	85,099	\$211,517
Fish Pot	522,824	\$687,892	570,572	\$581,433
Flounder Trawl	3,615,569	\$5,237,274	4,435,586	\$5,930,036
Flynet	6,985,866	\$2,157,740	5,947,550	\$2,188,275
Fyke Net	416,133	\$160,192	399,688	\$133,645
Gigs	61,632	\$98,354	69,308	\$115,090
Gill Net (anchored)	20,957,999	\$11,236,403	24,371,119	\$12,160,573
Gill Net (drift)	47,877	\$29,455	62,411	\$37,004
Gill Net (runaround)	800,329	\$527,247	1,360,978	\$779,137
Haul Seine	1,326,935	\$621,036	1,911,387	\$803,655
Longline	2,821,743	\$2,693,548	1,867,448	\$2,019,318
Other	62,867	\$108,051	65,157	\$246,102
Oyster Dredge	46,327	\$196,438	34,617	\$142,283
Peeler Pot	524,311	\$1,648,233	585,795	\$1,671,858
Peeler Trawl**	0	\$0	0	\$0
Pound Net	2,259,933	\$1,917,834	2,909,762	\$2,829,414
Purse Seine	41,567,550	\$2,554,461	63,375,040	\$4,574,841
Rake	270,566	\$1,742,457	383,259	\$2,440,320
Rod-n-Reel	2,063,001	\$3,703,512	2,291,298	\$3,845,265
Scallop Dredge (bay)	11,258	\$39,155	94,480	\$264,866
Shrimp Trawl	8,829,413	\$21,189,125	5,049,918	\$10,582,232
Skimmer Trawl	601,852	\$902,348	181,739	\$379,312
Tongs, Hand	87,140	\$439,363	100,646	\$507,913
Trolling	1,537,954	\$2,162,459	1,447,331	\$2,050,809
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	33,775	\$11,177	78,522	\$20,576
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	1997		1996	
	Pounds	Value	Pounds	Value
Beach Seine	1,143,612	\$735,682	835,244	\$413,329
By Hand	290,448	\$1,518,303	288,276	\$1,408,705
Cast Net	49,392	\$17,623	45,534	\$21,471
Channel Net	198,138	\$464,806	204,004	\$460,341
Clam Dredge	56,509	\$441,261	66,963	\$513,855
Clam Trawl Kicking	116,548	\$540,384	88,016	\$466,902
Crab Dredge	***	***	***	***
Crab Pot	52,390,710	\$35,200,747	63,670,960	\$41,150,111
Crab Trawl	3,421,417	\$2,195,568	3,226,187	\$1,903,767
Eel Pot	127,093	\$317,113	141,146	\$243,321
Fish Pot	738,604	\$756,325	700,753	\$652,620
Flounder Trawl	1,815,767	\$2,885,226	4,626,050	\$7,001,436
Flynet	10,188,757	\$4,023,287	6,798,631	\$2,273,913
Fyke Net	321,691	\$110,812	142,154	\$53,780
Gigs	93,167	\$168,762	63,111	\$105,850
Gill Net (anchored)	25,935,200	\$12,898,828	30,895,882	\$12,752,007
Gill Net (drift)	74,044	\$78,249	59,929	\$44,363
Gill Net (runaround)	1,268,002	\$977,541	1,088,237	\$700,027
Haul Seine	2,604,113	\$1,039,347	2,118,768	\$809,546
Longline	1,959,515	\$1,879,256	2,571,584	\$2,415,904
Other	116,700	\$395,154	204,130	\$805,831
Oyster Dredge	2,062	\$8,002	***	***
Peeler Pot	147,208	\$361,680	59,568	\$92,862
Peeler Trawl**	0	\$0	0	\$0
Pound Net	3,047,194	\$3,353,660	3,398,076	\$3,801,472
Purse Seine	109,281,567	\$9,834,726	59,207,650	\$5,178,875
Rake	411,080	\$2,839,848	351,543	\$2,395,842
Rod-n-Reel	2,437,784	\$3,899,025	2,171,211	\$3,293,558
Scallop Dredge (bay)	41,441	\$132,814	20,422	\$78,634
Shrimp Trawl	7,867,313	\$17,833,550	6,150,796	\$13,177,691
Skimmer Trawl	342,855	\$767,828	195,681	\$444,132
Tongs, Hand	93,468	\$485,649	89,902	\$462,739
Trolling	1,895,748	\$2,802,034	1,579,511	\$2,387,692
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	88,183	\$25,028	62,648	\$20,080
Unknown	0	\$0	0	\$0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".



**Table 37. Commercial seafood landings (pounds and value) by gear (\*\* indicates confidential data) (continued).**

Gear	1995		1994	
	Pounds	Value	Pounds	Value
Beach Seine	1,036,417	\$809,854	991,505	\$528,123
By Hand	322,200	\$1,515,893	284,046	\$1,211,771
Cast Net	79,609	\$25,913	37,936	\$8,149
Channel Net	277,596	\$572,170	188,918	\$405,804
Clam Dredge	99,149	\$849,104	50,149	\$254,858
Clam Trawl Kicking	67,169	\$264,336	58,189	\$189,615
Crab Dredge	7,451	\$4,265	46,118	\$20,973
Crab Pot	45,249,544	\$35,546,747	51,140,483	\$28,310,296
Crab Trawl	1,144,968	\$872,706	2,016,538	\$1,265,222
Eel Pot	106,094	\$221,765	4,337	\$4,023
Fish Pot	736,142	\$498,244	886,507	\$541,325
Flounder Trawl	5,470,112	\$8,747,225	4,565,811	\$6,129,425
Flynet	6,139,030	\$1,918,102	5,938,676	\$1,737,597
Fyke Net	37,909	\$18,645	114,332	\$46,507
Gigs	83,875	\$135,416	74,183	\$112,483
Gill Net (anchored)	24,740,554	\$12,153,839	22,643,969	\$9,563,924
Gill Net (drift)	148,219	\$104,725	100,621	\$58,478
Gill Net (runaround)	1,302,632	\$1,145,847	666,890	\$478,382
Haul Seine	2,417,454	\$859,467	2,161,194	\$805,456
Longline	3,971,629	\$4,119,076	3,497,874	\$2,762,657
Other	235,783	\$991,591	276,025	\$902,265
Oyster Dredge	3,920	\$11,120	12,894	\$40,313
Peeler Pot	0	\$0	0	\$0
Peeler Trawl**	0	\$0	0	\$0
Pound Net	3,733,907	\$3,825,760	4,759,963	\$4,383,784
Purse Seine	63,839,570	\$3,931,617	79,474,650	\$3,410,710
Rake	387,801	\$2,349,449	518,555	\$2,244,751
Rod-n-Reel	2,544,810	\$3,768,044	2,579,491	\$3,820,406
Scallop Dredge (bay)	159,763	\$305,359	56,687	\$106,588
Shrimp Trawl	8,796,151	\$19,415,261	7,806,149	\$18,775,861
Skimmer Trawl	426,948	\$764,367	204,554	\$382,778
Tongs, Hand	108,255	\$539,832	97,723	\$389,925
Trolling	1,964,134	\$2,911,794	1,528,916	\$2,206,762
Trolling, Greenstick*	0	\$0	0	\$0
Trotline	64,171	\$39,505	40,104	\$9,676
Unknown	62,057	\$130,940	88,341	\$161,664

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

Confidential data represented as \*\*\* has been added to "Other".

**Table 38. Number of participants, vessels, and trips by gear type.**

Gears	2015			2014			2013		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	7	23	8	6	21	6	12	57	12
By Hand	802	17,171	542	804	18,019	567	752	16,447	550
Cast Net	70	694	62	67	627	56	92	705	70
Channel Net	66	968	74	91	1,078	99	93	1,626	116
Clam Dredge	11	251	14	16	388	22	15	344	16
Clam Trawl Kicking	9	77	10	23	155	25	18	180	19
Crab Dredge	2	14	2	2	3	2	1	1	1
Crab Pot	829	51,759	1,038	814	50,529	975	752	48,126	924
Crab Trawl	50	470	55	36	180	37	18	85	19
Eel Pot	20	97	23	29	143	34	19	70	20
Fish Pot	47	583	47	45	682	46	47	629	46
Flounder Trawl	91	276	95	80	257	82	45	71	48
Flynet	6	11	6	11	40	13	3	4	3
Fyke Net	35	639	40	24	404	26	18	429	19
Gigs	312	2,739	328	323	2,805	339	278	2,585	300
Gill Net (anchored)	1,059	21,826	1,193	1,211	26,146	1,338	1,325	33,914	1,488
Gill Net (drift)	55	401	54	41	296	44	40	236	41
Gill Net (runaround)	369	3,252	411	409	3,377	455	422	3,782	487
Haul Seine	12	45	12	31	204	32	34	273	34
Longline	62	513	65	64	619	65	58	661	59
Other	50	333	59	74	364	81	54	396	56
Oyster Dredge	212	4,031	243	268	5,705	296	220	3,763	242
Peeler Pot	254	4,744	288	229	4,006	266	178	3,346	190
Peeler Trawl**	2	21	2	3	26	3	2	29	2
Pound Net	101	2,856	112	106	2,444	110	101	2,859	111
Purse Seine	0	0	0	0	0	0	0	0	0
Rake	489	12,494	351	447	11,786	359	423	9,990	332
Rod-n-Reel	226	1,992	237	241	2,272	251	248	2,066	261
Scallop Dredge (bay)	0	0	0	0	0	0	1	1	1
Shrimp Trawl	416	6,054	478	340	4,598	376	365	5,650	385
Skimmer Trawl	71	1,035	78	69	712	75	79	1,194	89
Tongs, Hand	225	3,688	197	247	3,896	230	279	4,092	234
Trolling	333	1,905	353	329	2,245	350	345	2,184	365
Trolling, Greenstick*	9	48	8	1	1	1	2	7	2
Trotline	9	39	11	8	49	8	6	38	9
Unknown	0	0	0	0	0	0	0	0	0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

**Table 38. Number of participants, vessels, and trips by gear type (continued).**

Gears	2012			2011			2010		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	21	68	20	24	102	27	31	183	34
By Hand	795	15,188	548	778	15,931	545	811	18,276	577
Cast Net	80	805	65	72	612	57	74	906	66
Channel Net	86	1,508	94	40	538	43	57	1,069	67
Clam Dredge	18	492	22	14	400	15	18	603	17
Clam Trawl Kicking	17	188	18	22	286	22	30	518	27
Crab Dredge	3	4	4	12	69	12	20	147	20
Crab Pot	787	48,054	943	819	48,150	990	865	50,432	1,043
Crab Trawl	14	21	14	39	228	40	53	274	57
Eel Pot	32	177	33	28	93	31	26	121	28
Fish Pot	44	615	43	49	539	45	58	650	55
Flounder Trawl	57	108	59	81	344	90	91	384	94
Flynet	4	14	4	30	190	32	39	286	44
Fyke Net	17	344	16	21	267	26	21	277	22
Gigs	293	3,148	312	219	2,185	236	234	2,424	258
Gill Net (anchored)	1,265	29,611	1,428	1,283	28,377	1,439	1,234	31,114	1,393
Gill Net (drift)	47	392	46	32	182	35	48	269	49
Gill Net (runaround)	435	3,591	484	370	2,608	402	410	3,679	452
Haul Seine	15	177	15	27	369	28	29	372	35
Longline	46	538	46	48	495	50	38	491	35
Other	31	227	35	32	146	32	74	216	73
Oyster Dredge	184	2,264	191	355	7,400	378	506	10,658	506
Peeler Pot	187	3,519	204	203	2,910	218	195	3,348	205
Peeler Trawl**	3	24	3	3	41	3	3	31	3
Pound Net	105	2,740	106	85	2,297	90	101	2,298	111
Purse Seine	0	0	0	0	0	0	1	3	1
Rake	410	9,401	327	471	9,437	343	574	10,353	400
Rod-n-Reel	265	2,151	267	228	1,986	234	283	2,486	291
Scallop Dredge (bay)	1	2	1	0	0	0	0	0	0
Shrimp Trawl	380	6,195	416	338	4,372	352	403	5,592	437
Skimmer Trawl	75	1,088	80	32	330	34	64	1,096	65
Tongs, Hand	369	5,527	316	335	6,020	277	306	4,797	257
Trolling	323	1,889	337	301	1,866	322	414	2,193	437
Trolling, Greenstick*	0	0	0	0	0	0	0	0	0
Trotline	8	50	9	3	20	4	2	6	3
Unknown	0	0	0	0	0	0	0	0	0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

**Table 38. Number of participants, vessels, and trips by gear type (continued).**

Gears	2009			2008			2007		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	26	123	29	118	329	129	51	242	55
By Hand	857	16,813	599	879	16,931	613	892	18,367	648
Cast Net	76	880	54	69	552	53	58	563	45
Channel Net	60	1,089	75	66	1,118	73	67	962	76
Clam Dredge	21	355	23	17	471	17	13	344	18
Clam Trawl Kicking	32	538	33	29	423	31	24	214	23
Crab Dredge	9	44	10	0	0	0	3	18	3
Crab Pot	863	54,625	1,034	786	47,277	953	830	49,166	977
Crab Trawl	60	484	63	44	314	45	33	158	36
Eel Pot	19	78	19	15	40	17	23	86	24
Fish Pot	66	909	64	58	689	53	62	826	66
Flounder Trawl	78	334	88	80	342	88	74	371	81
Flynet	42	243	45	32	160	30	21	160	22
Fyke Net	21	293	22	26	307	24	26	380	33
Gigs	150	1,572	170	143	1,554	163	166	1,955	192
Gill Net (anchored)	1,385	38,042	1,580	1,417	38,504	1,570	1,531	39,759	1,637
Gill Net (drift)	21	107	23	34	190	35	22	173	23
Gill Net (runaround)	355	3,251	393	343	2,827	379	319	2,781	357
Haul Seine	22	380	23	30	383	34	29	437	33
Longline	36	474	37	37	396	40	32	384	32
Other	183	907	167	34	172	35	43	165	44
Oyster Dredge	258	4,481	257	159	2,691	170	150	1,730	155
Peeler Pot	160	2,731	176	171	3,398	182	184	3,468	196
Peeler Trawl**	0	0	0	0	0	0	0	0	0
Pound Net	96	2,356	114	92	1,880	104	104	2,311	121
Purse Seine	0	0	0	0	0	0	0	0	0
Rake	640	11,322	441	613	12,789	429	727	16,819	503
Rod-n-Reel	398	3,237	429	425	3,443	451	429	3,569	462
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	379	5,749	408	417	5,995	444	385	6,735	410
Skimmer Trawl	60	807	65	95	953	98	86	1,574	99
Tongs, Hand	295	4,960	275	306	5,765	276	359	5,927	291
Trolling	622	4,035	656	606	3,853	633	668	4,965	722
Trolling, Greenstick*	0	0	0	0	0	0	0	0	0
Trotline	1	1	1	0	0	0	7	46	8
Unknown	0	0	0	0	0	0	0	0	0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

**Table 38. Number of participants, vessels, and trips by gear type (continued).**

Gears	2006			2005			2004		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	40	317	42	274	681	240	167	413	155
By Hand	818	14,689	601	831	14,647	609	934	18,448	661
Cast Net	57	495	43	54	518	46	48	536	35
Channel Net	61	911	72	58	870	66	84	1,355	94
Clam Dredge	25	391	23	25	429	26	29	658	30
Clam Trawl Kicking	32	373	31	44	538	44	58	1,026	61
Crab Dredge	1	1	1	2	7	2	7	19	7
Crab Pot	870	48,172	1,008	1,052	57,823	1,250	1,258	73,516	1,481
Crab Trawl	42	303	46	102	1,126	106	175	1,780	188
Eel Pot	19	103	22	28	159	31	37	269	40
Fish Pot	61	1,022	57	82	863	88	80	1,163	85
Flounder Trawl	74	380	76	74	408	79	95	490	94
Flynet	29	220	29	67	260	40	59	363	61
Fyke Net	18	309	23	29	330	34	48	530	54
Gigs	130	1,396	154	130	1,225	145	122	1,200	138
Gill Net (anchored)	1,401	37,814	1,602	1,599	37,400	1,757	1,613	39,814	1,871
Gill Net (drift)	53	255	56	80	435	87	61	320	68
Gill Net (runaround)	334	2,688	375	323	2,366	366	310	1,981	338
Haul Seine	49	539	53	38	473	43	28	498	36
Longline	27	484	30	30	422	32	34	417	34
Other	42	101	46	36	83	38	37	179	38
Oyster Dredge	151	2,486	158	167	2,334	177	125	1,752	137
Peeler Pot	206	3,408	221	232	3,781	259	243	3,628	261
Peeler Trawl**	0	0	0	0	0	0	0	0	0
Pound Net	95	2,234	111	91	2,269	112	92	2,196	116
Purse Seine	0	0	0	2	15	3	2	64	4
Rake	678	16,072	462	705	12,748	516	787	15,038	530
Rod-n-Reel	351	2,886	386	360	2,709	386	485	3,066	522
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	363	5,710	379	321	4,553	341	481	8,391	513
Skimmer Trawl	88	1,366	99	74	1,137	81	104	2,108	107
Tongs, Hand	378	5,684	313	301	4,412	272	322	5,261	278
Trolling	601	4,497	649	609	4,193	650	638	4,127	685
Trolling, Greenstick*	0	0	0	0	0	0	0	0	0
Trotline	13	65	14	7	85	8	16	83	15
Unknown	0	0	0	0	0	0	0	0	0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

**Table 38. Number of participants, vessels, and trips by gear type (continued).**

Gears	2003			2002			2001		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	23	125	28	192	558	201	92	489	106
By Hand	1,038	18,177	761	1,201	20,325	819	1,378	21,895	946
Cast Net	64	475	53	79	838	68	71	688	55
Channel Net	86	1,700	99	89	1,876	106	100	1,692	129
Clam Dredge	26	433	30	43	692	39	38	462	36
Clam Trawl Kicking	61	839	65	64	880	75	68	838	82
Crab Dredge	3	14	3	3	5	3	8	26	8
Crab Pot	1,324	82,403	1,643	1,382	81,882	1,693	1,498	99,675	2,038
Crab Trawl	138	1,698	151	135	1,042	151	203	2,549	231
Eel Pot	41	303	45	35	237	37	48	377	57
Fish Pot	71	1,103	71	80	1,195	91	96	1,662	108
Flounder Trawl	81	460	81	90	667	92	104	524	110
Flynet	42	292	44	39	230	39	42	281	45
Fyke Net	45	486	51	31	377	43	54	654	67
Gigs	126	1,122	145	131	1,205	143	176	1,405	195
Gill Net (anchored)	1,647	43,315	1,995	1,667	44,713	2,001	1,843	50,213	2,308
Gill Net (drift)	70	330	75	83	343	86	57	224	59
Gill Net (runaround)	306	1,851	332	350	2,670	390	347	2,799	402
Haul Seine	27	487	38	42	455	50	27	441	35
Longline	36	417	37	47	571	48	40	487	43
Other	83	248	87	72	284	69	57	195	59
Oyster Dredge	56	892	62	48	624	51	59	825	67
Peeler Pot	206	3,816	224	260	6,438	294	295	6,735	335
Peeler Trawl**	0	0	0	0	0	0	0	0	0
Pound Net	105	2,085	128	161	3,320	191	151	3,183	200
Purse Seine	2	66	4	2	108	4	2	79	4
Rake	909	15,553	604	1,074	18,046	663	1,462	28,687	922
Rod-n-Reel	475	3,391	511	451	3,774	477	397	3,297	424
Scallop Dredge (bay)	8	23	9	12	32	14	0	0	0
Shrimp Trawl	496	9,898	545	696	12,957	752	629	10,741	711
Skimmer Trawl	130	2,555	149	159	3,569	174	138	1,772	155
Tongs, Hand	325	4,502	298	356	4,762	312	342	5,712	312
Trolling	463	3,189	524	546	4,033	590	560	4,418	604
Trolling, Greenstick*	0	0	0	0	0	0	0	0	0
Trotline	13	119	13	33	282	35	26	162	27
Unknown	0	0	0	0	0	0	0	0	0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

**Table 38. Number of participants, vessels, and trips by gear type (continued).**

Gears	2000			1999			1998		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	88	822	112	75	527	99	80	691	96
By Hand	1,214	17,876	968	1,032	12,772	922	853	13,217	893
Cast Net	69	517	50	52	446	43	54	681	40
Channel Net	125	2,183	145	122	2,604	151	114	1,874	136
Clam Dredge	38	736	36	36	643	41	38	672	40
Clam Trawl Kicking	76	799	94	94	1,181	107	92	1,083	105
Crab Dredge	0	0	0	0	0	0	0	0	0
Crab Pot	1,475	99,513	2,054	1,624	111,637	2,697	1,725	128,071	2,084
Crab Trawl	183	2,226	193	215	3,555	239	274	5,718	303
Eel Pot	76	373	83	69	408	86	73	459	79
Fish Pot	82	1,214	97	111	1,583	146	129	1,633	136
Flounder Trawl	88	469	92	96	519	103	114	656	118
Flynet	22	181	23	28	203	29	44	290	49
Fyke Net	40	608	52	38	531	45	32	436	41
Gigs	162	1,342	179	132	1,064	177	174	1,508	196
Gill Net (anchored)	2,021	51,963	2,504	1,914	51,461	2,643	1,956	50,494	2,256
Gill Net (drift)	46	156	47	66	301	69	77	345	78
Gill Net (runaround)	356	3,031	414	286	2,386	352	381	3,504	429
Haul Seine	35	474	51	40	574	50	39	658	51
Longline	38	441	38	34	497	39	43	447	35
Other	63	192	67	60	207	63	54	115	57
Oyster Dredge	52	394	56	80	940	89	70	679	74
Peeler Pot	248	5,654	295	258	5,776	294	224	4,576	245
Peeler Trawl**	0	0	0	0	0	0	0	0	0
Pound Net	141	3,130	192	155	3,172	219	190	3,685	240
Purse Seine	3	97	5	4	73	7	4	99	6
Rake	1,394	27,070	1,028	1,166	20,893	1,058	1,118	27,940	1,166
Rod-n-Reel	430	3,358	490	456	3,975	550	510	4,966	531
Scallop Dredge (bay)	8	10	8	43	151	44	117	898	120
Shrimp Trawl	862	14,134	1,032	740	15,347	949	614	12,220	703
Skimmer Trawl	180	2,437	211	157	2,094	188	93	1,083	106
Tongs, Hand	280	3,984	280	291	4,175	306	293	4,585	314
Trolling	535	4,835	610	516	4,559	619	608	4,640	620
Trolling, Greenstick*	0	0	0	0	0	0	0	0	0
Trotline	27	297	27	16	267	20	21	479	25
Unknown	0	0	0	0	0	0	0	0	0

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

**Table 38. Number of participants, vessels, and trips by gear type (continued).**

Gears	1997			1996			1995		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	91	1,076	106	92	870	107	100	961	120
By Hand	951	14,354	958	1,054	14,529	1,092	1,187	17,340	1,259
Cast Net	60	594	50	62	616	56	61	561	54
Channel Net	137	2,102	166	132	1,489	168	188	2,311	214
Clam Dredge	28	474	27	50	636	51	55	768	62
Clam Trawl Kicking	89	1,121	98	113	1,093	120	100	825	104
Crab Dredge	3	11	3	5	27	5	10	37	10
Crab Pot	2,025	121,345	2,400	2,036	116,036	2,513	1,929	119,998	2,484
Crab Trawl	332	5,063	366	307	4,335	334	234	2,222	265
Eel Pot	80	492	92	64	382	79	61	274	67
Fish Pot	128	1,839	138	156	1,510	171	154	1,450	160
Flounder Trawl	79	237	87	106	415	106	162	535	130
Flynet	42	489	44	34	239	33	29	248	29
Fyke Net	29	374	39	26	264	33	36	219	41
Gigs	236	1,798	263	204	1,305	223	247	1,806	285
Gill Net (anchored)	2,275	57,182	2,552	2,303	51,805	2,653	2,360	55,925	2,701
Gill Net (drift)	126	834	135	104	455	105	177	884	181
Gill Net (runaround)	484	3,764	539	414	3,316	456	460	3,091	494
Haul Seine	59	770	68	95	1,005	112	88	1,001	98
Longline	60	520	43	84	711	70	79	886	61
Other	81	269	85	66	224	71	110	373	112
Oyster Dredge	6	31	6	2	3	2	15	90	14
Peeler Pot	91	1,226	104	31	177	32	0	0	0
Peeler Trawl**	0	0	0	0	0	0	0	0	0
Pound Net	252	4,794	311	260	4,954	312	273	5,203	312
Purse Seine	7	137	8	4	78	4	3	86	4
Rake	1,307	32,097	1,289	1,305	29,108	1,334	1,442	33,147	1,486
Rod-n-Reel	588	5,391	602	540	4,646	584	663	5,634	711
Scallop Dredge (bay)	60	362	66	62	273	65	235	1,758	238
Shrimp Trawl	832	16,635	962	806	14,652	987	981	19,866	1,158
Skimmer Trawl	146	2,233	163	104	1,197	126	132	1,573	144
Tongs, Hand	305	4,544	324	341	4,922	369	421	6,252	458
Trolling	713	5,667	711	639	4,479	652	797	5,913	834
Trolling, Greenstick*	0	0	0	0	0	0	0	0	0
Trotline	28	474	29	22	352	24	27	317	26
Unknown	0	0	0	0	0	0	1	1	1

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.



**Table 38. Number of participants, vessels, and trips by gear type (continued).**

Gears	1994		
	Participants	Trips	Vessels
Beach Seine	67	862	74
By Hand	1,128	16,638	1,187
Cast Net	27	321	30
Channel Net	157	2,136	202
Clam Dredge	35	409	42
Clam Trawl Kicking	99	636	105
Crab Dredge	19	66	16
Crab Pot	1,845	114,073	2,247
Crab Trawl	279	3,881	318
Eel Pot	12	20	12
Fish Pot	144	1,647	160
Flounder Trawl	88	508	95
Flynet	25	254	27
Fyke Net	40	325	41
Gigs	246	1,668	285
Gill Net (anchored)	2,316	48,667	2,615
Gill Net (drift)	204	666	229
Gill Net (runaround)	407	2,178	434
Haul Seine	119	1,071	133
Longline	88	1,051	92
Other	74	250	83
Oyster Dredge	25	235	29
Peeler Pot	0	0	0
Peeler Trawl**	0	0	0
Pound Net	335	6,485	374
Purse Seine	3	173	5
Rake	1,463	35,690	1,466
Rod-n-Reel	735	6,639	797
Scallop Dredge (bay)	168	713	179
Shrimp Trawl	964	19,015	1,176
Skimmer Trawl	82	1,133	100
Tongs, Hand	448	6,029	451
Trolling	771	5,578	825
Trolling, Greenstick*	0	0	0
Trotline	23	231	26
Unknown	1	1	1

\* "Trolling, Greenstick" gearcode developed in 2013.

\*\* "Peeler Trawl" gearcode developed in 2010.

**Table 39. Tournament landings (pounds) of species by calendar year\*.**

Species	2015	2014	2013	2012	2011	2010	2009	2008	2007
Amberjack	244	115	22	0	0	272	0	42	9
Bluefish	59	35	0	0	0	0	0	94	28
Dolphin	105	179	132	579	283	151	1,427	457	2,178
Drum, Red	26	125	44	0	0	0	0	0	0
Flounder, Southern	706	200	759	792	728	664	487	608	400
Flounder, Summer	0	0	0	0	100	0	0	0	5
Groupers	0	0	0	0	0	0	0	0	0
Mackerel, King	30,965	24,704	20,152	20,783	7,330	18,203	23,304	28,392	40,477
Mackerel, Spanish	45	126	80	17	13	17	33	71	24
Mullet, Sea	0	0	0	0	0	0	0	0	0
Other Finfish	165	128	619	91	119	123	114	214	584
Porgies	0	0	0	0	0	0	0	0	0
Sea Basses	0	0	0	0	0	0	0	0	0
Seatrout, Spotted	0	114	244	0	45	58	244	258	199
Striped Bass	0	0	0	0	0	0	0	0	0
Triggerfish	0	0	0	0	0	0	0	0	0
Tunas	0	29	0	0	0	0	0	0	0
Wahoo	0	0	0	113	320	0	233	70	183
Weakfish	0	0	0	0	0	0	0	1	1
Number of Tournaments Held	18	16	15	16	17	14	15	22	30

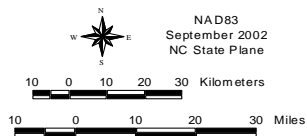
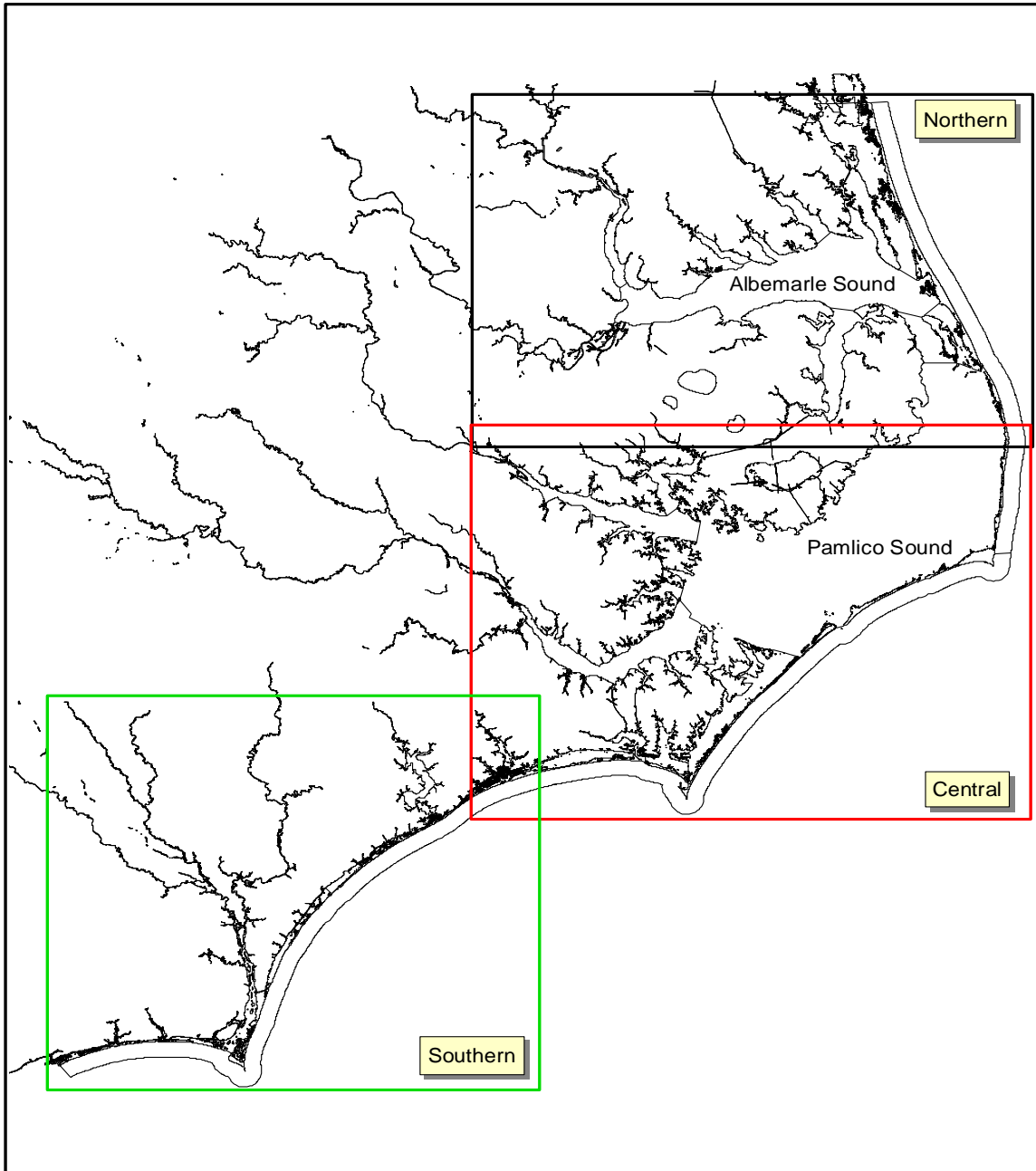
\*Calendar Year runs from January 1 to December 31.

**Table 39. Tournament landings (pounds) of species by calendar year\* (continued).**

Species	2006	2005	2004	2003	2002	2001	2000
Amberjack	0	0	0	27	0	0	44
Bluefish	69	0	9	0	0	27	0
Dolphin	771	2,285	2,229	3,923	3,662	1,082	1,022
Drum, Red	0	0	0	0	0	7	0
Flounder, Southern	473	716	765	558	493	845	0
Flounder, Summer	0	12	0	0	0	3	0
Groupers	0	335	0	0	0	0	0
Mackerel, King	29,730	39,268	41,368	36,056	42,238	38,168	55,765
Mackerel, Spanish	7	2	3	21	75	8	0
Mullet, Sea	0	0	0	0	0	13	0
Other Finfish	1,125	1,051	925	498	380	171	99
Porgies	0	1	0	0	0	0	0
Sea Basses	0	3	0	0	0	0	0
Seatrout, Spotted	178	118	101	46	219	224	170
Striped Bass	0	4,348	0	0	0	0	0
Triggerfish	0	1	0	0	0	0	0
Tunas	368	444	70	78	934	1,763	695
Wahoo	119	766	1,045	1,191	1,703	1,321	911
Weakfish	0	3	0	0	0	0	0
Number of Tournaments Held	29	31	36	33	30	23	20

\*Calendar Year runs from January 1 to December 31.

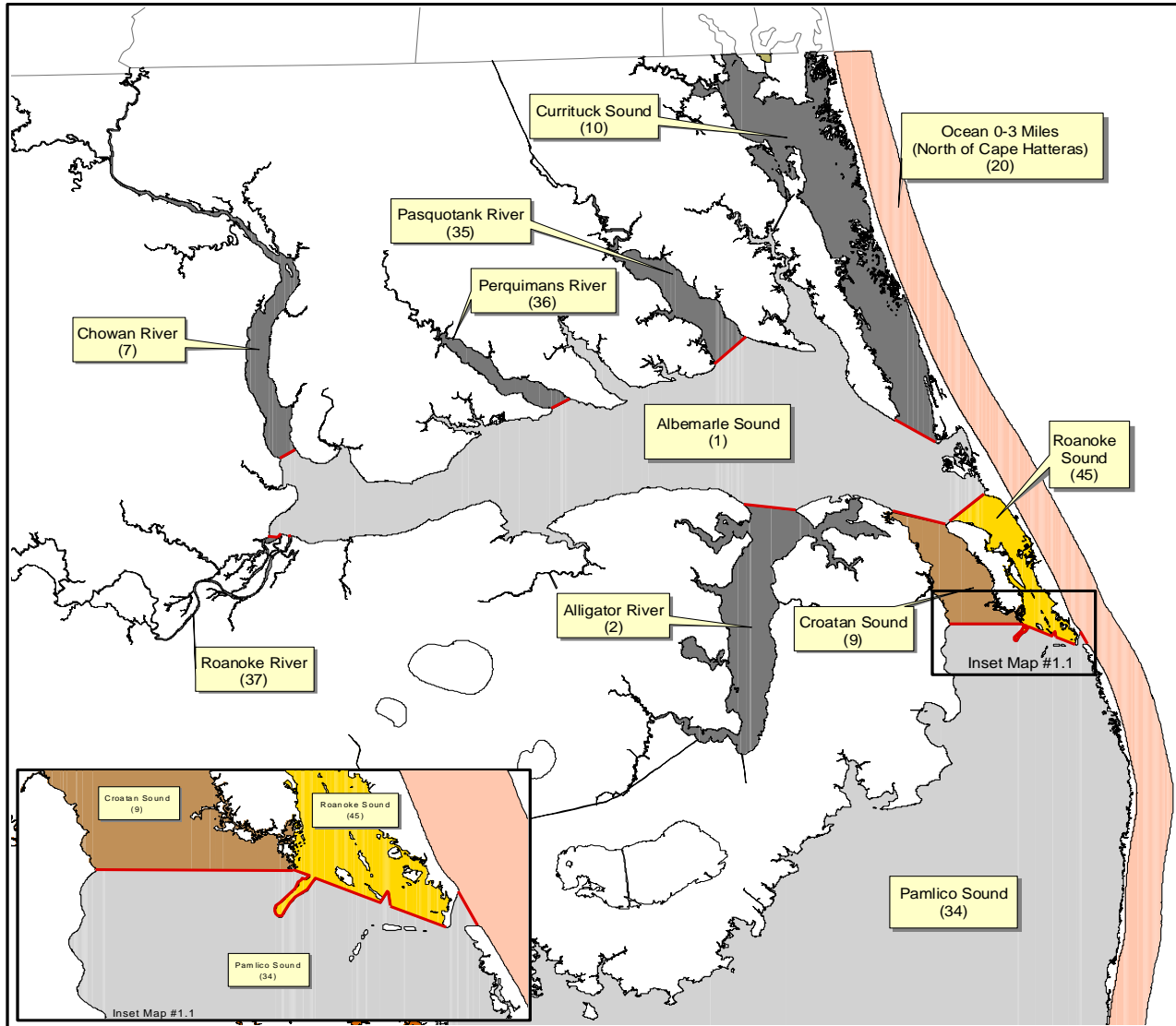
Appendix 1. Trip Ticket Waterbody Maps.



NC Division of Marine Fisheries  
Trip Ticket Water Bodies



Appendix 1. Trip Ticket Waterbody Maps (continued).



North Carolina  
Division of  
Marine Fisheries

Trip Ticket  
Water Bodies

Northern Area

Map # 1



NAD83  
September 2002  
NC State Plane



**Appendix 1. Trip Ticket Waterbody Maps (*continued*).**

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

**Albemarle**

**Sound**

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

**Roanoke River**

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

**Chowan River**

Meherrin River  
Bennetts Creek

**Perquimans  
River**

No tributaries

**Currituck**

**Sound**

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

**Pasquotank**

**River**

Little Flatty Creek  
Newbegun Creek

**Alligator River**

East Lake  
South Lake  
Frying Pan  
Gum Neck  
Little Alligator

**Croatan Sound**

Manns Harbor  
Peter Mashoes Creek  
Cedar Bush Bay

**Pamlico Sound**

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

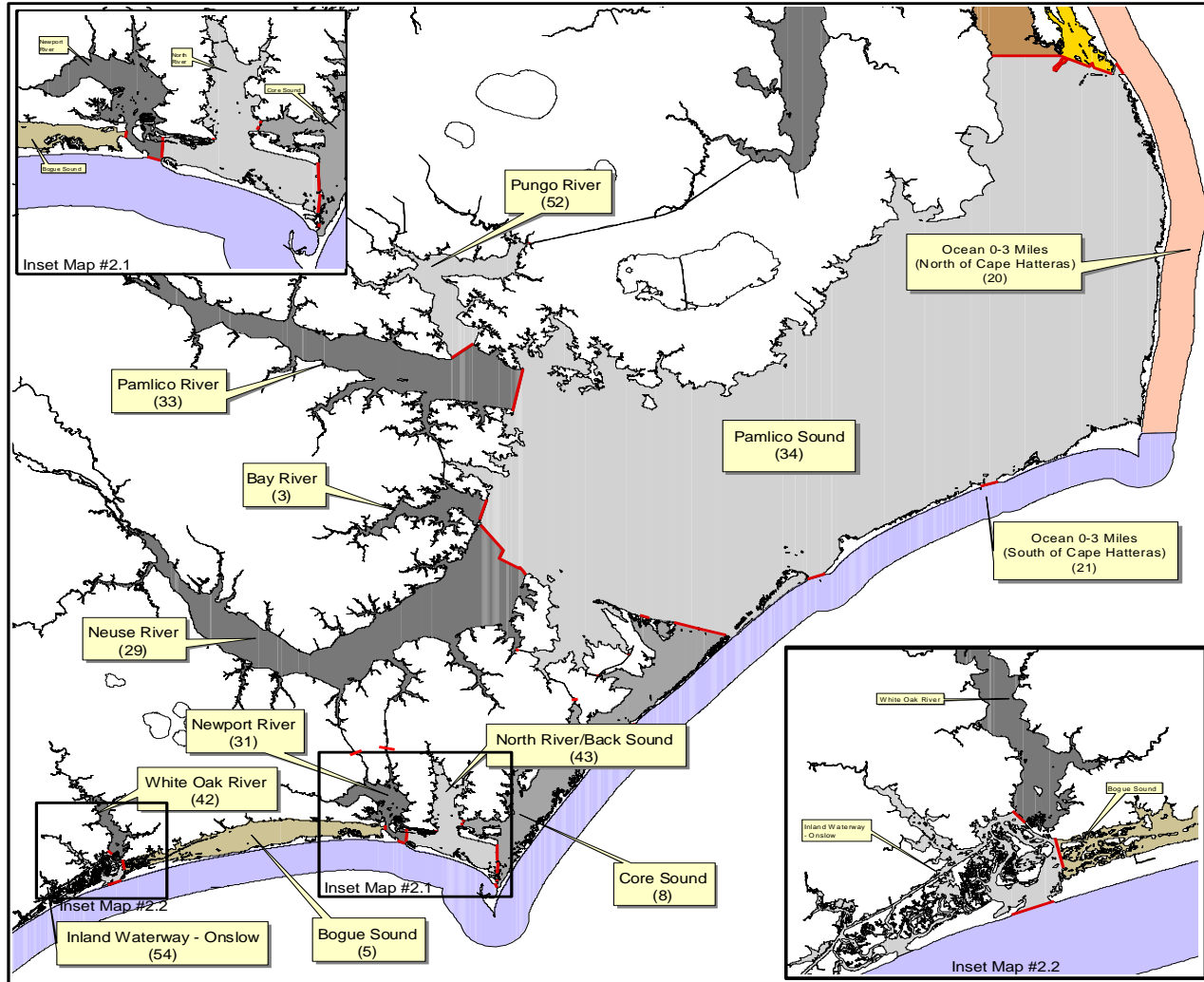
**Roanoke Sound**

Kitty Hawk Bay  
Shallowbag Bay  
Broad Creek  
Colington Creek  
Buzzard Bay

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

North of Cape Point

Appendix 1. Trip Ticket Waterbody Maps (continued).

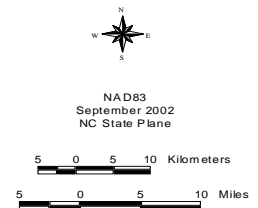


North Carolina  
Division of  
Marine Fisheries

Trip Ticket  
Water Bodies

Central Area

Map # 2



**Appendix 1. Trip Ticket Waterbody Maps (*continued*).**

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

**Pamlico River**

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

**Pungo River**

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

**Bay River**

Trent Creek  
Vandemere Creek  
Rockhole Bay  
Bonner Bay  
Fisherman Bay

**Neuse River**

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

**Pamlico Sound**

Abel Bay  
Spencer Bay  
Germantown Bay  
Striking Bay  
Deep Bay  
Rose Bay  
Deep Cove  
Swan Quarter Bay  
Oyster Creek  
Mouse Harbor  
Big Porpoise Bay  
Middle Bay  
Jones Bay  
Caffee Bay  
Juniper Bay  
West Bluff Bay

East Bluff Bay  
Wysocking Bay  
Far Creek  
Long Shoal River  
Mt. Pleasant Bay  
Douglas Bay  
Lone Tree Creek  
Back Creek  
Middletown Creek  
Waupopin Creek  
Otter Creek  
Sandy Bay  
West Bay  
North Bay  
Long Bay  
West Thorofare Bay

**Newport River**

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

**North River/Back Sound**

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

**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**

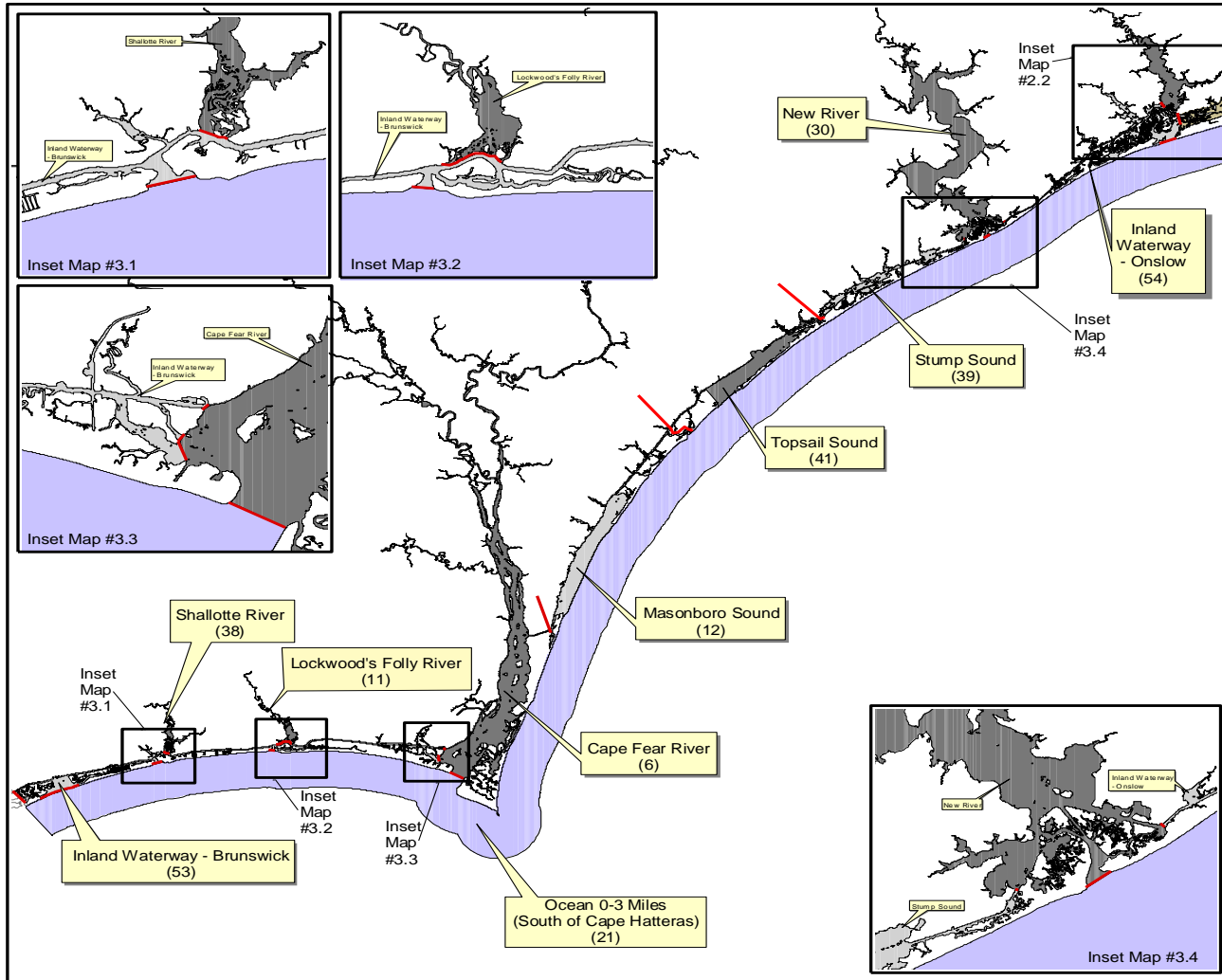
South of Cape Point

**White Oak River**

Pettiford Creek Bay



Appendix 1. Trip Ticket Waterbody Maps (continued).



North Carolina  
Division of  
Marine Fisheries

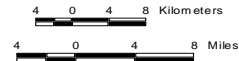
Trip Ticket  
Water Bodies

Southern Area

Map # 3



NAD83  
September 2002  
NC State Plane



**Appendix 1. Trip Ticket Waterbody Maps (continued).**

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

<b><u>Inland Waterway -</u></b>			
<b><u>White Oak River</u></b>	<b><u>Onslow</u></b>	<b><u>New River</u></b>	<b><u>Stump Sound</u></b>
Pettiford Creek Bay	Queens Creek	Morgan Bay	Alligator Bay
	Bear Creek	Farnell Bay	Thomas Landing
	Bear Inlet	Stones Bay	Mill Creek
	Holover Creek	Courthouse Bay	Morris Landing
	Browns Inlet	Chadwick Bay	
	Sounders Creek	Little Goose Bay	
	Fosters Creek	Gray Point	
	Muddy Creek	Hwy 210 High-rise	
	Hammocks Beach/Bear Island	Muddy Creek	
			<b><u>Lockwood's Folly River River</u></b>
			Spring Branch
<b><u>Topsail Sound</u></b>	<b><u>Masonboro Sound</u></b>	<b><u>Cape Fear River</u></b>	
Virginia Creek	Rich Inlet	First Bay	
Topsail Creek	Mason Inlet	Second Bay	
Elmore Inlet	Johns Creek	Buzzards Bay	
Futch Creek	Masonboro Inlet	Cedar Creek	
Green Channel	Carolina Beach Inlet	Baldhead Creek	
Nixon Channel	Banks Channel	Northeast Cape Fear	
Butler Creek	Masonboro Channel	Snows Cut	
	Carolina Beach Boat Basin	Cape Creek	
		Bay Creek	
		The Basin	
		CP&L Bypass	
			<b><u>Ocean 0-3 Miles South of Cape Hatteras</u></b>
<b><u>Shallotte River</u></b>	<b><u>Inland Waterway -Brunswick</u></b>		South of Cape Point
Gibbs Creek	South Dutchman Creek		
Little Shallotte River	Elizabeth River		
	Davis Creek		
	Lockwood's Folly Inlet		
	Montgomery Slough		
	Shallotte Inlet		
	Sheep Inlet		
	Sheep Island		
	Eastern Channel		
	Bonaparte Creek		
	Old Channel		
	Calabash River		
	Ocean Isle		
	Jinks Creek		
	Tubbs Inlet		
	Little River Inlet		

# Chapter III: NORTH CAROLINA MARINE RECREATIONAL FISHERY STATISTICS SURVEY

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## PROGRAM NARRATIVE

Information on commercial fisheries has long been collected by the National Marine Fisheries Service (NMFS). However, data on marine recreational fisheries were not collected in a systematic manner by NMFS on a continuing basis until 1979. The purpose of the NMFS Marine Recreational Information Program (MRIP) 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 MRIP play a key role in the FMP development process. The MRIP 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 (NCDMF) 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 NCDMF also implemented quality control measures needed to improve estimates of catch.

The NCDMF receives approximately 700 data requests for information from MRIP each year. This document was designed to help understand how the data are 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 MRIP 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 shoreside 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 five 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, and wave (two-month time period).

A complete statewide list of access sites for marine recreational fishing is continuously updated (<http://ncrecfish.com/TackleBox/fishaccess.php>). 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 strategy 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 NC MRIP coding forms Appendix 3. 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 attempt is made to intercepts and interview all anglers. If that is impossible, angler counts are obtained to augment



interviews. In 2005, NCDMF also began routine sampling of headboats to obtain length data from discards.

Each intercept interview consists of:

- introduction to the survey,
- an oral interview concerning the fishing trip just completed,
- thorough examination of the respondent's catch (visually inspect for correct species identification), and
- 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/charter boat anglers are interviewed at boat ramps, marina slips and hoists while they are leaving 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 is conducted at sea.

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

- catch unavailable for identification (Type B catch),
- available catch which cannot be easily subdivided among anglers,
- catch obtained during multiple-day boat trips, and
- at-sea discards from headboats.

For the Type B catch (fish not available for the interviewer's examination), information is only recorded for individual anglers. In some instances, Type B catch may only be identified to a family or genus level. For the Type A catch (fish available for inspection), grouped catch is allowed, except for beach/bank mode. 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 into 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 2 months prior to the interview.

Telephone sampling effort is directed at households located in coastal counties. Coastal counties are classified in two ways in North Carolina. During January through April and November and December, coastal counties are defined as any county within 50 miles of the coast. From May through October, coastal counties are defined as any county within 100 miles of the coast.

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 MRIP data on fishing effort or any additions requested by states or other federal partners.
- 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. Further adjustments were then made for non-respondent anglers and households prior to estimation. Recent MRIP pilot studies have indicated poor efficiencies associated with the random digit dialing telephone survey. Beginning in 2017 the effort survey methodology will be changed. NOAA will shift from a telephone survey to a mail survey. The National Angler Registry will be used to enhance the ability to reach anglers.

### **Effort Estimates**

In the MRIP, 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 50- to 100-mile North Carolina 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 number 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 largely 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 Type A catch, Type B1 catch, and Type B2 catch).

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 Type B catch, while for 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 Type A catch fish. Since the size composition of the remainder of the total catch (Type B1 catch and Type B2 catch) is unknown and may differ from that of the fish represented in Type A catch, estimating the weight of the remainder of the catch is not possible without assumptions.

In estimating the weight of harvested fish (Type A and B1 catch), we assume that the mean weight of the Type B1 catch is equal to that of the Type A catch 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:

$$(\text{Angler Trips}) * (\text{Average Catch Per Angler Trip}) = \text{Total Catch}$$

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 this variability.

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

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

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

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

## **SURVEY LIMITATIONS**

### **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 MRIP 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.

## CONTACTS

The MRIP is administered by the NMFS Office of Science & Technology, Fisheries Statistics 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.

North Carolina Division of Marine Fisheries  
Stephanie McInerny, Chief, License & Statistics  
P.O. Box 769  
Morehead City, NC 28557  
800-682-2632  
[Stephanie.McInerny@ncdenr.gov](mailto:Stephanie.McInerny@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Doug Mumford  
943 Washington Square Mall  
Washington NC, 27889  
800-338-7804  
[Doug.Mumford@ncdenr.gov](mailto:Doug.Mumford@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Chris Wilson  
943 Washington Square Mall  
Washington NC, 27889  
800-338-7804  
[Chris.Wilson@ncdenr.gov](mailto:Chris.Wilson@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Roz Camp  
943 Washington Square Mall  
Washington NC, 27889  
800-338-7804  
[Roz.Camp@ncdenr.gov](mailto:Roz.Camp@ncdenr.gov)



## North Carolina Marine Recreational Finfish Harvest 2014 and 2015

SPECIES	NUMBER 2014	NUMBER 2015	POUNDS 2014	POUNDS 2015
Atlantic Bonito	6,700	5,619	30,988	37,263
Atlantic Croaker	541,657	471,869	227,949	190,808
Black Drum	24,058	35,529	60,406	115,609
Black Sea Bass	74,648	69,270	132,351	100,146
Bluefin Tuna <sup>2</sup>	69	44	14,492	7,747
Bluefish	1,084,292	977,599	966,003	868,867
Cobia	9,804	16,166	247,386	695,842
Dogfish	853	9,101	4,296	45,596
Dolphinfish	185,077	434,454	1,329,353	3,170,590
Florida Pompano	166,888	142,927	83,190	64,763
Great Barracuda	852	2,065	10,737	17,394
Greater Amberjack	3,098	9,934	60,260	244,797
Groupers	1,729	1,776	18,973	21,125
Grunts	26,257	24,278	39,265	32,120
Jacks	8,871	20,635	28,167	27,254
King Mackerel	23,374	34,330	366,128	320,388
Kingfishes	1,143,212	1,556,068	451,073	493,506
Pigfish	293,523	508,767	83,741	177,093
Pinfish	332,185	333,330	74,085	115,132
Porgies	7,812	7,020	15,657	9,421
Puffers	49,269	860,154	25,416	397,472
Red Drum	116,601	36,704	596,447	154,496
Sharks	3,340	5,599	23,102	78,482
Sheepshead	61,379	76,496	143,782	217,148
Silver Perch	11,519	4,849	2,519	1,161
Snappers	9,110	12,965	15,017	15,147
Southern Flounder	69,956	108,369	149,723	254,132
Spanish Mackerel	398,398	388,157	449,709	431,082
Spot	2,111,880	1,081,083	704,445	395,268
Spotted Seatrout	234,045	87,396	433,978	148,926
Striped Bass <sup>1</sup>	-	-	-	-
Summer Flounder	45,708	40,561	67,791	64,065
Wahoo	11,639	19,561	322,468	584,670
Weakfish	26,308	39,842	25,957	50,903
Yellowfin Tuna	27,248	24,459	873,536	723,874

<sup>1</sup> Striped Bass landings reflect Atlantic Ocean catches only.

<sup>2</sup> Landings for Atlantic Bluefin Tuna (ABT) reflect the Highly Migratory Species fishing year (January 1 through December 31).

**NOTE:** The number and pounds of finfish listed represent estimated harvest; finfish released alive are not included. Recreational finfish catches from headboats are not included in this table. The National Marine Fisheries Service collected headboat data separately in 2014 and 2015.

**Figure 7. North Carolina marine recreational finfish harvest by species.**

# NORTH CAROLINA MARINE RECREATIONAL INFORMATION PROGRAM

## North Carolina Marine Recreational Finfish Harvest and Release Estimates

<u>Year</u>	<u>Number Harvested</u>	<u>Pounds Harvested</u>	<u>Number Released</u>
2015	10,363,367	11,917,061	21,137,129
2014	9,572,612	8,788,702	19,765,129
2013	11,479,525	11,968,710	20,963,650
2012	8,472,954	12,059,556	18,536,492
2011	8,564,946	13,240,808	15,865,229

## North Carolina Marine Recreational Fishing Trip Estimates (number)

<u>Year</u>	<u>Beach/Bank</u>	<u>Charter Boat</u>	<u>Manmade</u>	<u>Private Boat</u>	<u>Total</u>
2015	1,205,413	114,061	1,285,166	2,041,020	4,645,659
2014	1,665,273	96,620	1,484,850	1,707,330	4,954,073
2013	1,212,558	111,366	1,543,314	2,100,515	4,967,753
2012	1,599,759	160,097	1,482,635	2,060,989	5,303,480
2011	1,404,886	151,681	1,284,670	1,898,507	4,739,744

## North Carolina Coastal Recreational Fishing License by Residency (number)

<u>Year</u>	<u>In-State</u>	<u>Out-of-State</u>	<u>Total</u>
2015	316,380	164,474	480,854
2014	320,662	165,623	486,285
2013	317,650	162,351	480,001
2012	304,840	155,457	460,297
2011	289,925	149,321	439,246
Grandfathered <sup>1</sup>	250,239	6,460	256,699

<sup>1</sup>All lifetime inland state fishing licenses sold prior to 2007 were grandfathered into the new CRFL requirement on January 01, 2007.

### 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 is combined to produce estimates of total number and pounds of finfish caught.

### Precision of Estimates

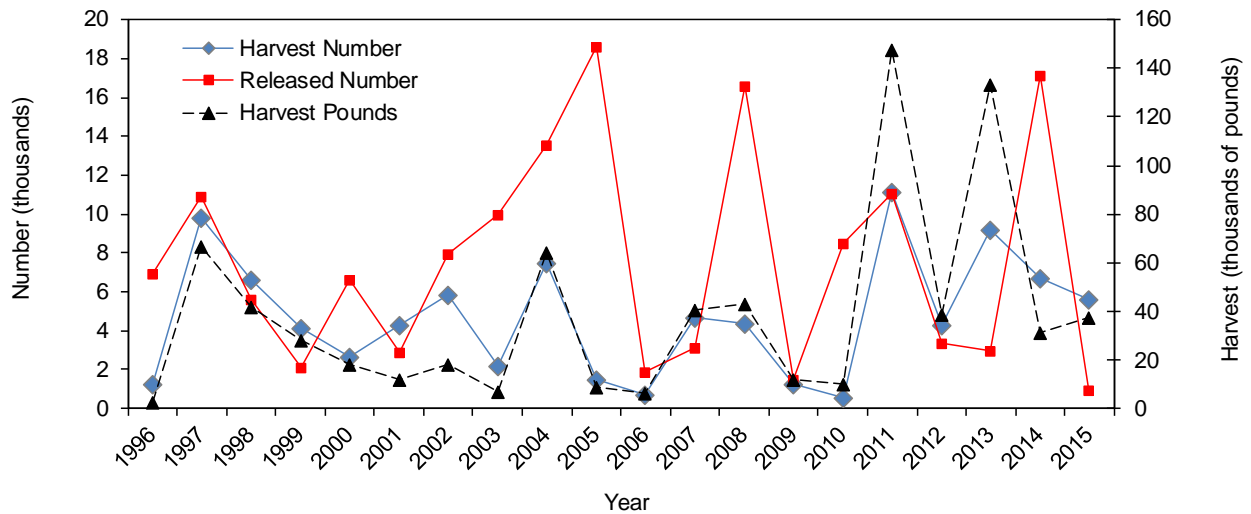
Numbers and pounds presented are estimates, not actual counts, therefore having varying levels of precision. Issued by the Department of Environment and Natural Resources, North Carolina Division of Marine Fisheries, through participation in the National Marine Recreational Information Program of the 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 8. North Carolina marine recreational finfish overall harvest and released finfish, fishing effort, and participation.**

**Table 40. Directed trips for major species in North Carolina by year. Directed trips are defined as trips that either targeted or caught one of the listed species.**

Species	Directed Trips									
	2015		2014		2013		2012		2011	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
Atlantic bonito	4,019	36.3	10,415	32.7	5,454	35.5	6,831	30.2	12,196	31.7
Atlantic croaker	538,294	6.5	564,453	7.5	525,173	6.4	373,795	5.4	404,682	5.7
Black drum	193,235	18.8	132,533	13.3	143,157	11.5	138,925	9.4	126,367	9.2
Black sea bass	267,368	8.1	241,488	8.3	275,467	7.8	349,100	4.8	219,920	6.5
Bluefish	740,232	9.0	784,399	6.1	756,161	5.9	662,842	3.9	773,313	4.7
Cobia	91,133	15.1	78,073	15.1	79,968	15.8	47,443	11.2	48,827	12.4
Dogfish	27,673	28.7	38,844	24.3	23,875	27.3	12,054	22.5	45,903	15.5
Dolphin	111,930	11.8	60,677	14.9	86,751	16.2	89,895	10.1	91,524	10.9
Florida pompano	150,839	16.8	178,800	15.6	236,270	12.3	189,922	8.2	154,509	9.4
Flounder	808,287	6.7	828,750	6.0	927,524	5.4	860,693	3.6	741,729	4.2
Great barracuda	7,281	35.7	2,333	33.4	3,744	45.4	3,132	23.8	3,447	32.7
Greater amberjack	26,371	25.7	7,169	24.5	16,385	25.0	13,811	19.4	9,895	33.0
Groupers	15,254	21.7	8,735	30.1	8,608	20.7	18,946	20.1	9,114	25.5
Grunts	9,202	33.1	5,047	28.5	7,362	27.2	8,628	22.3	10,235	22.8
Jacks	35,744	23.8	23,206	38.9	23,177	22.9	23,473	22.9	10,553	18.3
King mackerel	115,095	10.7	109,741	14.4	114,579	11.7	108,259	8.6	90,188	11.3
Kingfish	588,896	11.9	652,138	8.9	664,547	5.7	627,655	4.7	437,012	5.8
Pigfish	307,707	9.8	248,803	8.8	232,781	8.3	214,226	5.9	206,905	8.1
Porgies	6,843	33.6	5,534	32.2	7,603	26.1	7,864	20.6	3,602	34.3
Puffers	391,863	12.7	75,113	13.4	121,356	9.8	307,820	6.7	166,126	9.4
Red drum	627,292	13.3	737,236	8.2	726,572	5.7	788,816	4.7	301,707	6.0
Sharks	18,654	60.1	8,454	28.1	8,990	23.6	5,511	26.6	8,388	20.1
Sheepshead	85,263	11.9	72,605	15.2	124,660	10.7	117,187	8.0	87,707	11.9
Snappers	5,054	31.1	6,790	43.0	3,825	28.1	10,776	22.6	5,153	28.6
Spanish mackerel	302,032	8.5	314,375	7.8	283,182	7.3	281,496	5.5	284,030	6.9
Spot	416,034	10.5	555,403	6.9	572,951	6.7	408,805	5.7	458,920	6.9
Spotted seatrout	425,303	12.6	516,948	8.8	666,891	6.5	746,152	5.0	439,676	5.6
Striped bass <sup>1</sup>	116	75.3	17,303	77.3	4,448	29.9	15,508	27.4	75,327	20.7
Wahoo	38,898	22.3	20,097	21.2	21,127	19.4	25,410	17.0	18,220	16.5
Weakfish	118,690	22.7	80,042	13.7	65,092	14.0	71,531	12.0	32,133	15.0
Yellowfin tuna	14,890	22.7	12,282	17.5	13,591	20.2	16,454	18.4	11,177	25.7

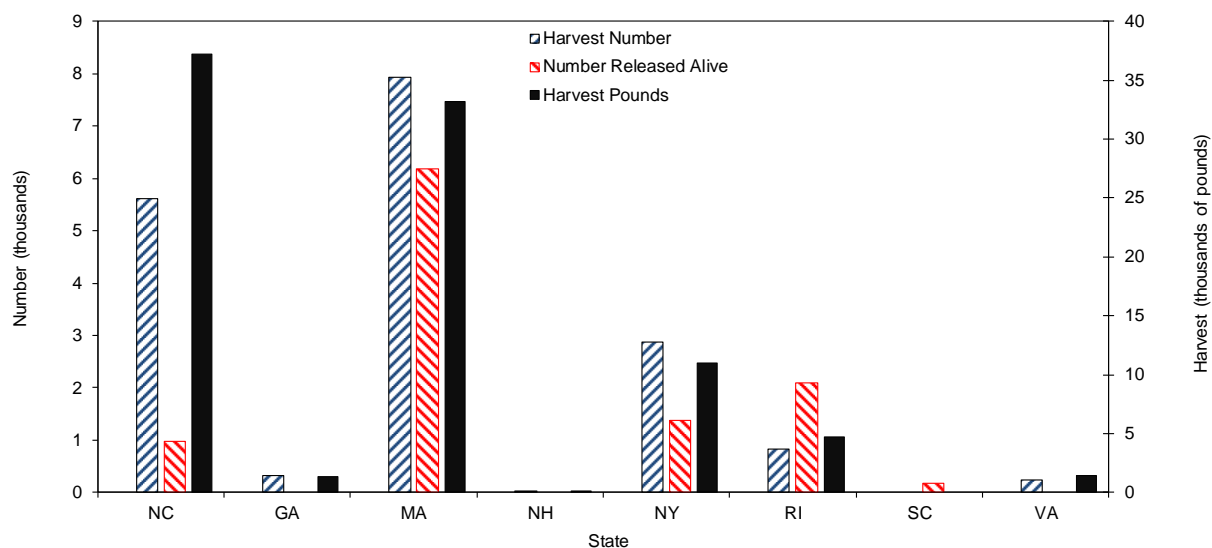
<sup>1</sup> Atlantic Ocean only striped bass



**Figure 9. Atlantic bonito recreational catch in North Carolina by year.**

**Table 41. Atlantic bonito recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	5,619	40.0	37,263	40.8	21.9	6.6	980	57.2
2014	6,700	35.6	30,988	40.5	19.5	4.6	17,103	61.9
2013	9,219	55.0	133,163	59.2	27.8	14.4	2,944	41.1
2012	4,281	32.8	38,551	40.8	24.0	9.0	3,358	29.0
2011	11,144	59.2	147,403	49.9	27.0	13.2	11,093	39.8
2010	551	39.8	9,967	43.7	30.0	18.1	8,489	41.9
2009	1,258	78.6	11,909	89.0	23.9	9.5	1,460	87.1
2008	4,358	61.6	43,168	64.2	24.3	9.9	16,611	58.3
2007	4,715	46.6	40,752	47.8	24.8	8.6	3,102	44.6
2006	725	102.2	6,634	102.2	24.6	9.1	1,863	52.3
2005	1,475	72.2	8,654	65.9	22.4	5.9	18,617	95.1
2004	7,503	55.7	64,458	61.0	23.5	8.6	13,533	40.2
2003	2,174	55.1	6,697	47.8	16.6	3.1	10,000	26.6
2002	5,875	58.9	18,393	58.1	18.9	3.1	7,986	28.4
2001	4,325	47.0	11,798	47.4	17.8	2.7	2,929	34.7
2000	2,697	56.5	18,238	73.0	24.8	6.8	6,663	44.8
1999	4,159	45.8	28,316	56.2	21.5	7.4	2,106	30.4
1998	6,597	33.7	42,108	41.2	20.1	6.4	5,621	26.6
1997	9,851	26.3	66,709	24.1	21.1	7.0	10,929	30.9
1996	1,226	44.4	2,816	54.2	19.9	4.2	6,910	29.6



**Figure 10. Atlantic bonito recreational catch by state, 2015.**

**Table 42. Atlantic bonito recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	5,619	40.0	37,263	40.8	980	57.2	21.9	6.6
Georgia	329	54.6	1,343	54.6	-	-	19.8	4.1
Massachusetts	7,937	61.3	33,198	60.8	6,178	73.9	19.8	4.2
New Hampshire	13	96.0	3	96.0	-	-	7.7	0.2
New York	2,876	101.0	11,015	101.0	1,382	101.0	19.0	3.8
Rhode Island	826	80.5	4,717	99.8	2,102	83.0	18.9	5.7
South Carolina	-	-	-	-	180	74.9	-	-
Virginia	242	100.0	1,466	100.0	-	-	22.3	6.1

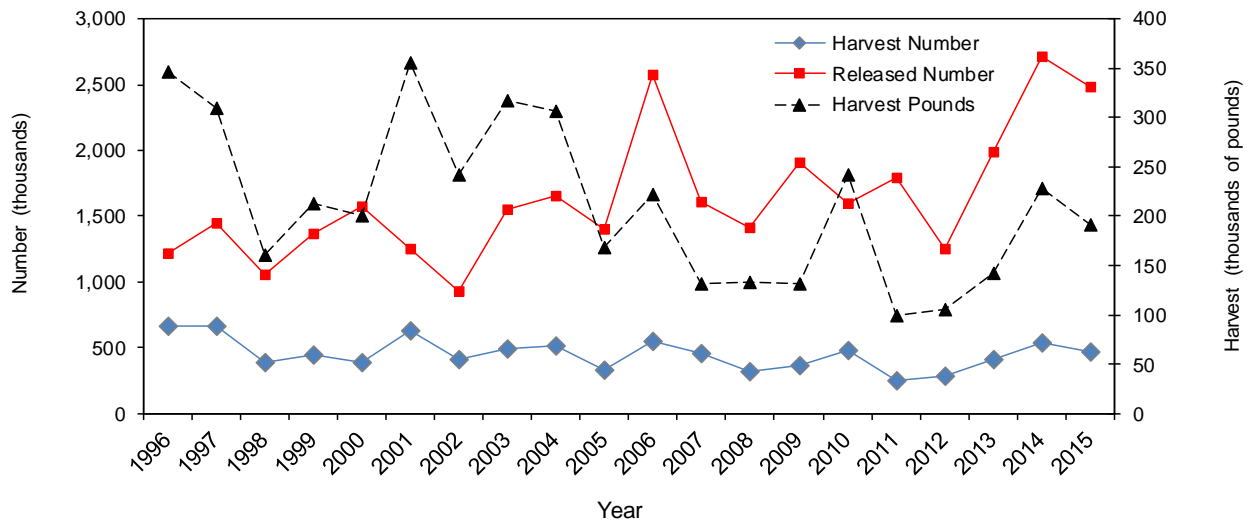


Figure 11. Atlantic croaker recreational catch in North Carolina by year.

Table 43. Atlantic croaker recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	471,869	12.3	190,808	13.0	9.3	0.4	2,477,625	10.4
2014	541,657	13.3	227,949	14.6	9.3	0.4	2,713,787	11.7
2013	411,882	14.6	141,880	13.6	9.0	0.3	1,984,701	9.8
2012	288,813	11.5	105,530	11.9	9.2	0.4	1,255,216	8.7
2011	246,676	12.9	99,298	13.2	9.4	0.4	1,798,230	10.7
2010	478,156	12.4	241,993	12.4	9.8	0.5	1,598,139	8.9
2009	368,990	16.7	131,742	16.5	8.8	0.4	1,912,670	11.0
2008	317,940	15.7	132,731	17.1	9.6	0.4	1,419,019	12.1
2007	461,162	17.6	131,185	18.8	7.9	0.3	1,608,120	12.7
2006	556,024	19.3	222,286	21.1	9.3	0.4	2,578,819	10.3
2005	326,777	21.5	168,797	22.4	9.7	0.5	1,401,413	12.5
2004	511,418	16.1	306,029	18.0	10.4	0.6	1,656,049	13.3
2003	490,399	14.9	317,608	17.7	10.3	0.6	1,552,315	8.3
2002	408,944	13.7	242,187	16.9	10.2	0.6	925,806	9.4
2001	635,552	12.1	355,013	14.4	10.2	0.6	1,256,807	7.7
2000	391,056	12.3	201,308	13.0	9.8	0.5	1,569,385	8.3
1999	442,185	10.9	212,994	12.1	9.6	0.5	1,368,478	8.3
1998	387,427	11.3	161,118	11.2	9.2	0.4	1,060,928	8.1
1997	661,116	12.3	309,461	15.6	9.5	0.5	1,443,568	8.3
1996	662,240	10.3	346,505	10.9	10.3	0.5	1,218,799	7.2

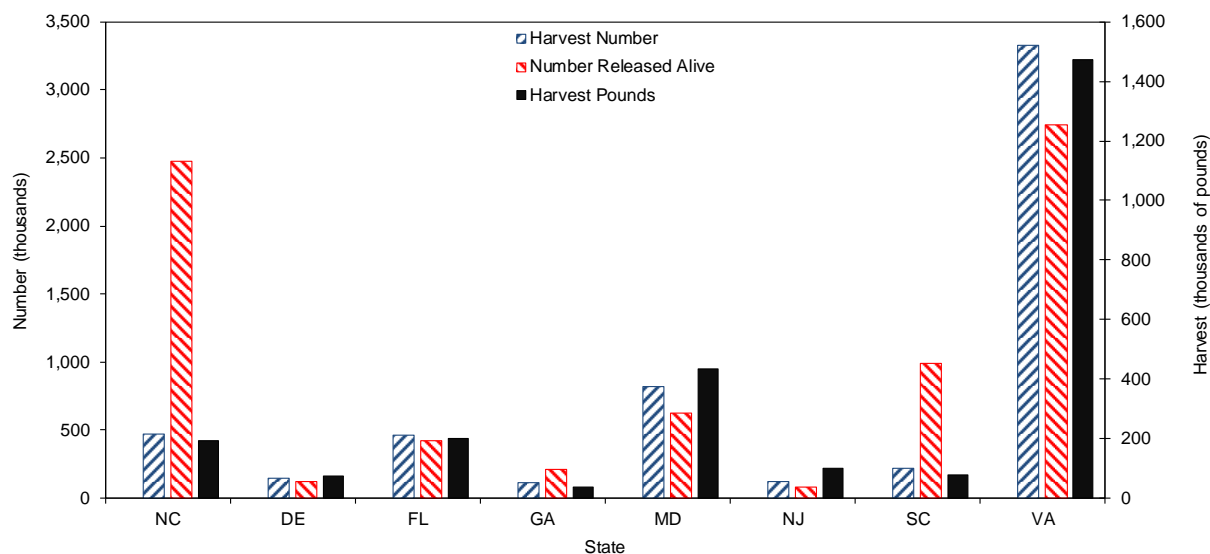


Figure 12. Atlantic croaker recreational catch by state, 2015.

Table 44. Atlantic croaker recreational catch by state, 2015.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	471,869	12.3	190,808	13.0	2,477,625	10.4	9.3	0.4
Delaware	144,969	24.7	73,579	22.2	118,565	31.4	10.2	0.5
Florida	456,802	27.7	200,948	27.8	422,163	29.4	9.9	0.4
Georgia	111,344	39.4	37,363	34.9	210,454	17.1	9.0	0.3
Maryland	814,712	21.6	432,325	23.4	626,529	21.8	10.3	0.5
New Jersey	116,109	45.8	99,768	48.2	78,136	36.3	11.7	0.9
South Carolina	218,014	26.7	75,721	26.0	985,523	24.4	9.1	0.3
Virginia	3,329,797	18.6	1,473,837	17.1	2,743,989	14.1	9.8	0.4

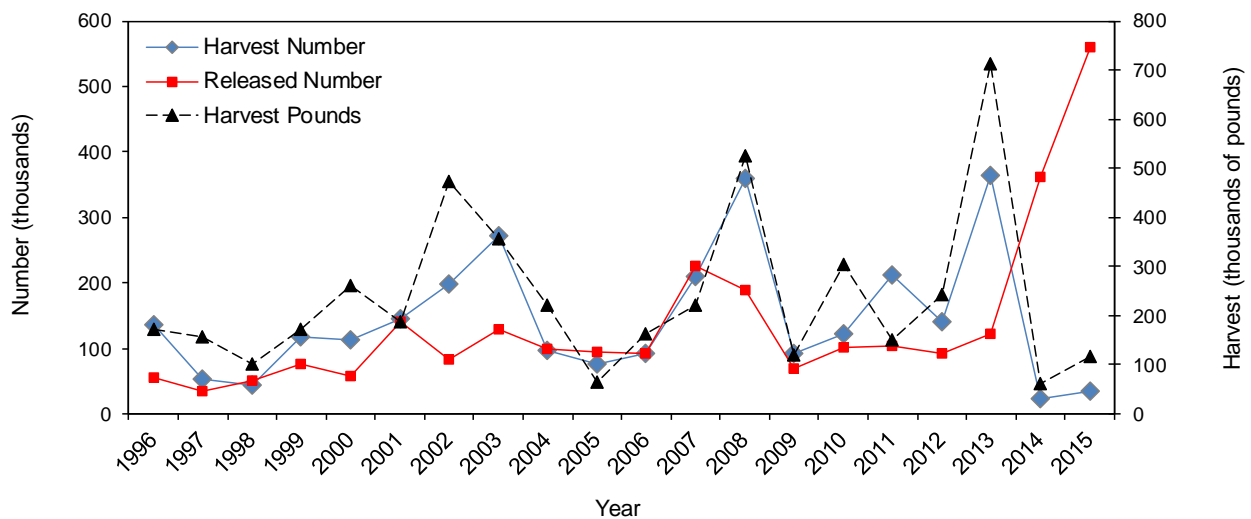
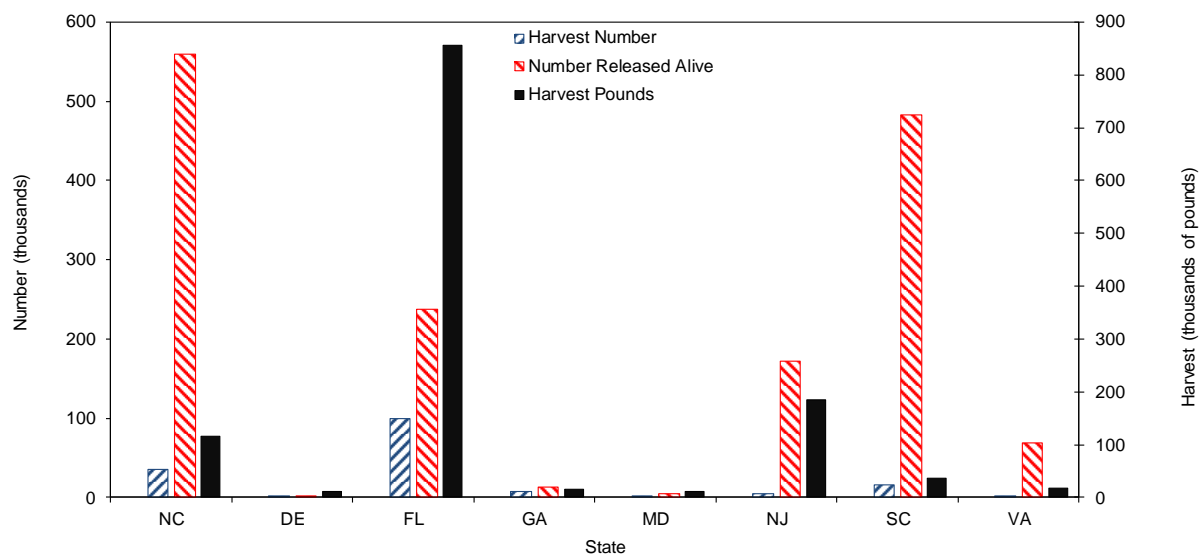


Figure 13. Black drum recreational catch in North Carolina by year.

Table 45. Black drum recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	35,529	29.4	115,609	30.0	17.4	3.3	559,251	30.1
2014	24,058	28.4	60,406	25.7	15.9	2.5	361,514	26.4
2013	363,466	20.7	713,047	26.9	13.3	2.0	121,306	28.1
2012	139,363	15.9	243,965	18.0	13.1	1.8	91,895	20.0
2011	211,396	18.0	151,407	18.3	10.1	0.7	104,286	20.8
2010	122,709	20.5	305,517	34.9	14.1	2.5	102,348	20.6
2009	92,058	22.8	121,038	19.5	11.9	1.3	69,484	28.5
2008	359,702	20.6	524,138	27.4	12.8	1.5	188,680	24.8
2007	209,372	22.3	220,454	19.1	11.5	1.1	226,463	27.0
2006	92,956	21.5	162,932	22.4	13.6	1.8	93,229	25.4
2005	75,924	27.0	63,161	32.7	9.9	0.8	95,255	25.6
2004	97,262	19.0	221,925	22.9	14.2	2.3	98,385	40.1
2003	273,024	27.2	355,721	19.3	11.8	1.3	128,873	14.9
2002	197,211	15.4	474,624	18.9	15.1	2.4	82,297	24.0
2001	144,088	18.8	188,203	21.2	11.3	1.3	139,525	15.6
2000	113,205	18.2	259,625	19.0	15.3	2.3	56,741	23.5
1999	116,407	21.9	170,795	17.7	13.1	1.5	75,409	13.3
1998	44,822	17.6	102,535	26.4	14.1	2.3	50,208	17.2
1997	53,107	17.8	156,982	20.3	16.4	3.0	35,537	20.5
1996	134,926	11.8	172,960	16.0	12.8	1.3	55,227	19.0





**Figure 14. Black drum recreational catch by state, 2015.**

**Table 46. Black drum recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	35,529	29.4	115,609	30.0	559,251	30.1	17.4	3.3
Delaware	320	54.2	12,169	52.9	2,439	58.5	41.5	38.0
Florida	99,717	25.3	855,328	46.8	237,077	30.8	21.1	6.4
Georgia	8,287	27.1	15,761	28.8	13,087	39.0	13.9	1.9
Maryland	733	91.2	11,157	91.2	4,969	101.5	27.6	15.2
New Jersey	4,917	62.6	184,862	64.0	172,650	80.3	41.9	37.6
South Carolina	16,017	32.2	35,668	32.2	483,046	23.2	15.4	2.2
Virginia	824	54.0	17,538	62.4	69,560	49.6	32.1	21.3

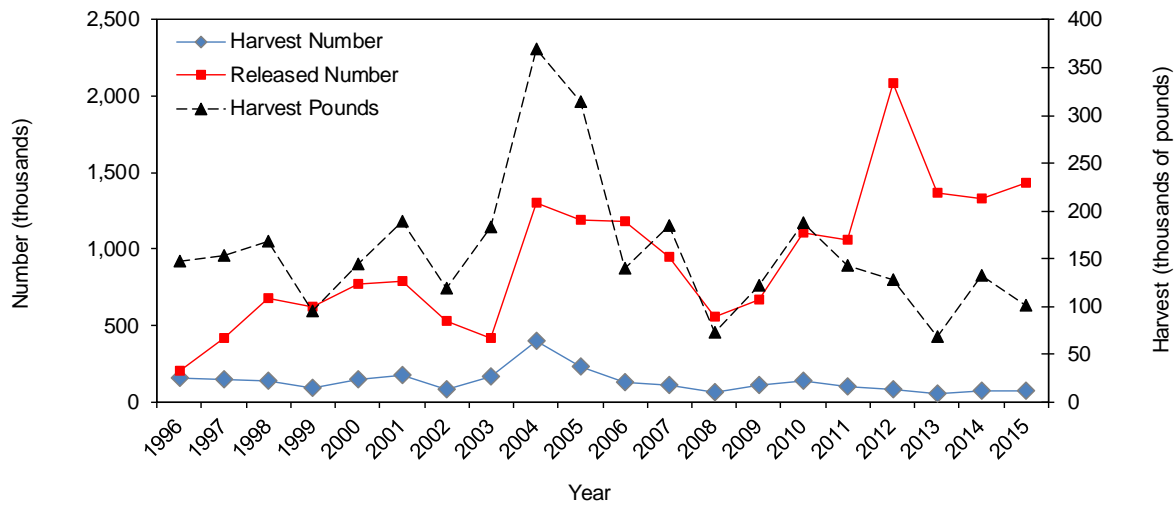


Figure 15. Black sea bass recreational catch in North Carolina by year.

Table 47. Black sea bass recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	69,270	23.4	100,146	23.1	14.1	1.4	1,428,531	13.2
2014	74,648	21.9	132,351	24.1	15.0	1.8	1,333,806	14.5
2013	49,258	17.8	68,225	18.0	13.9	1.4	1,368,172	10.3
2012	75,638	16.3	127,621	17.8	14.4	1.7	2,084,715	9.0
2011	95,004	24.7	143,234	24.8	14.2	1.5	1,062,565	10.7
2010	138,961	24.6	186,803	27.3	13.7	1.3	1,104,143	14.2
2009	106,670	27.8	121,041	24.7	13.1	1.1	666,547	14.1
2008	57,340	29.9	73,104	28.7	13.3	1.3	559,246	13.1
2007	110,353	49.5	184,733	38.0	14.5	1.7	951,049	12.3
2006	125,751	22.7	139,071	23.5	12.4	1.1	1,176,427	12.6
2005	231,493	26.2	313,973	37.5	13.3	1.4	1,194,312	13.2
2004	397,124	32.0	369,809	29.3	11.7	0.9	1,299,714	16.1
2003	166,309	18.4	182,596	18.6	12.6	1.1	418,178	10.8
2002	84,376	19.1	118,220	19.3	13.1	1.4	530,389	8.8
2001	175,482	16.8	188,776	17.6	12.4	1.1	790,181	8.4
2000	147,561	22.7	143,986	27.1	12.0	1.0	769,553	14.4
1999	88,493	17.6	95,067	24.3	12.0	1.1	624,500	8.8
1998	133,059	22.7	168,693	43.1	11.0	1.3	674,091	8.8
1997	146,041	20.3	153,218	22.0	11.5	1.0	412,195	8.9
1996	154,603	17.6	147,602	18.6	11.5	1.0	197,308	10.1

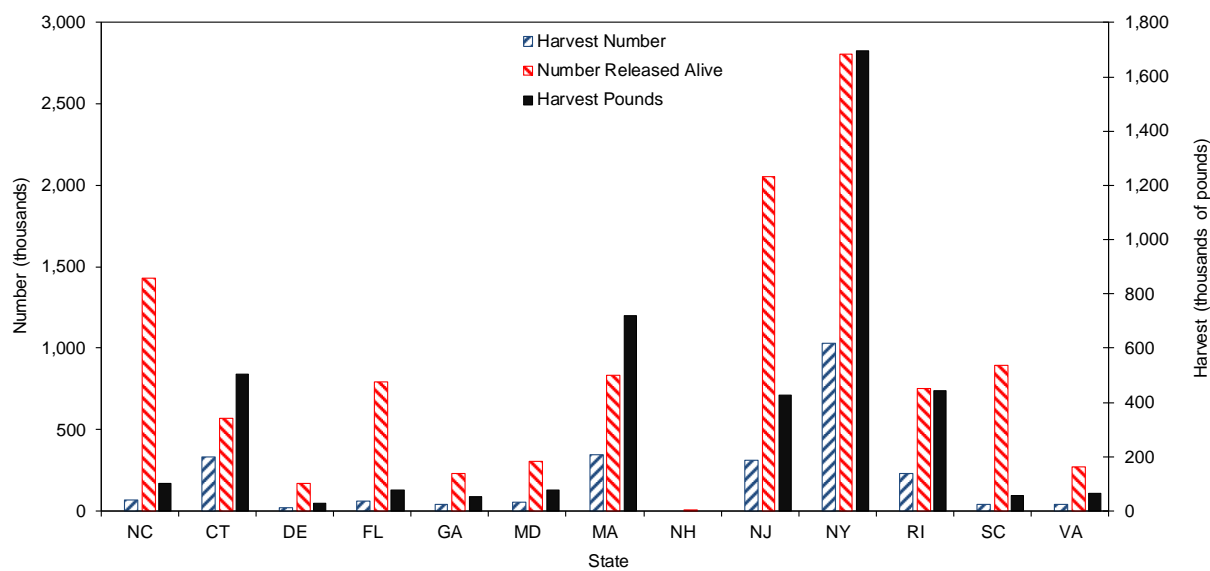


Figure 16. Black sea bass recreational catch by state, 2015.

Table 48. Black sea bass recreational catch by state, 2015.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	69,270	23.4	100,146	23.1	1,428,531	13.2	14.1	1.4
Connecticut	335,484	18.0	505,238	18.1	569,935	20.6	14.1	1.4
Delaware	22,899	24.3	26,893	25.3	166,555	17.5	13.4	1.2
Florida	60,761	22.7	78,184	22.4	794,576	16.3	12.4	1.0
Georgia	40,540	33.5	53,967	35.8	232,409	28.4	13.6	1.3
Maryland	57,631	15.6	78,052	15.5	302,028	19.0	13.8	1.4
Massachusetts	342,554	16.9	718,101	17.5	835,425	17.4	16.6	2.1
New Hampshire	-	-	-	-	67	101.7	-	-
New Jersey	310,298	16.9	428,319	15.5	2,052,594	13.1	14.2	1.4
New York	1,030,529	15.5	1,697,750	14.4	2,803,727	14.8	15.8	1.8
Rhode Island	233,631	17.3	444,337	17.4	751,907	16.5	16.3	1.9
South Carolina	42,304	26.7	57,339	27.7	895,505	14.3	14.0	1.4
Virginia	38,763	88.5	63,694	91.1	270,458	22.7	14.8	1.6

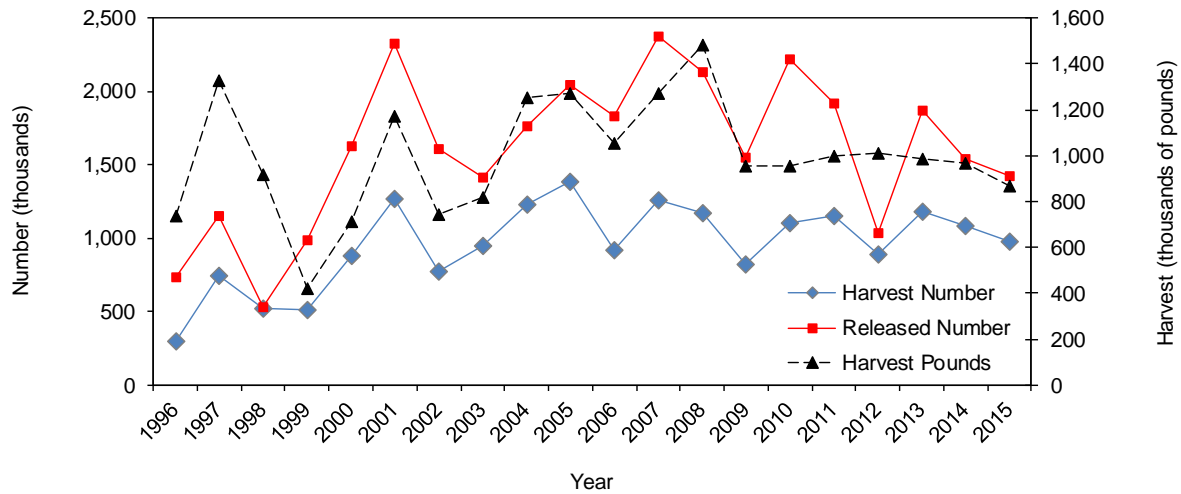


Figure 17. Bluefish recreational catch in North Carolina by year.

Table 49. Bluefish recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	977,599	13.0	868,867	12.0	11.9	0.9	1,426,823	12.0
2014	1,084,292	9.9	966,003	10.4	12.2	0.9	1,537,799	13.0
2013	1,183,627	10.5	988,664	10.7	11.5	0.8	1,871,916	11.3
2012	888,888	7.1	1,010,575	9.6	12.5	1.1	1,036,297	8.5
2011	1,152,105	11.3	999,240	11.9	12.0	0.9	1,923,767	13.2
2010	1,104,077	7.6	953,113	7.9	11.8	0.9	2,221,130	11.7
2009	827,788	11.3	958,214	13.5	13.1	1.2	1,553,376	12.4
2008	1,176,983	14.4	1,484,565	41.2	13.0	1.3	2,136,350	8.6
2007	1,257,420	9.3	1,271,857	10.2	12.6	1.0	2,376,886	11.4
2006	917,634	11.0	1,053,225	17.7	12.7	1.1	1,836,657	10.5
2005	1,382,613	12.5	1,275,704	13.7	12.6	0.9	2,043,699	11.8
2004	1,231,782	9.5	1,252,782	12.9	13.1	1.0	1,761,560	10.7
2003	952,694	9.1	816,129	9.5	12.5	0.9	1,416,064	8.7
2002	777,396	8.2	746,263	9.0	12.8	1.0	1,609,804	6.8
2001	1,265,790	7.1	1,171,191	7.6	12.9	0.9	2,328,952	6.2
2000	877,586	7.8	714,211	8.8	12.5	0.8	1,630,426	9.2
1999	517,744	9.2	421,184	13.0	12.1	0.8	986,417	8.7
1998	527,061	8.1	919,693	17.7	14.1	1.7	534,295	8.0
1997	742,424	6.8	1,327,939	9.8	14.3	1.8	1,149,328	7.4
1996	298,588	7.3	739,975	11.9	15.5	2.5	735,622	7.0

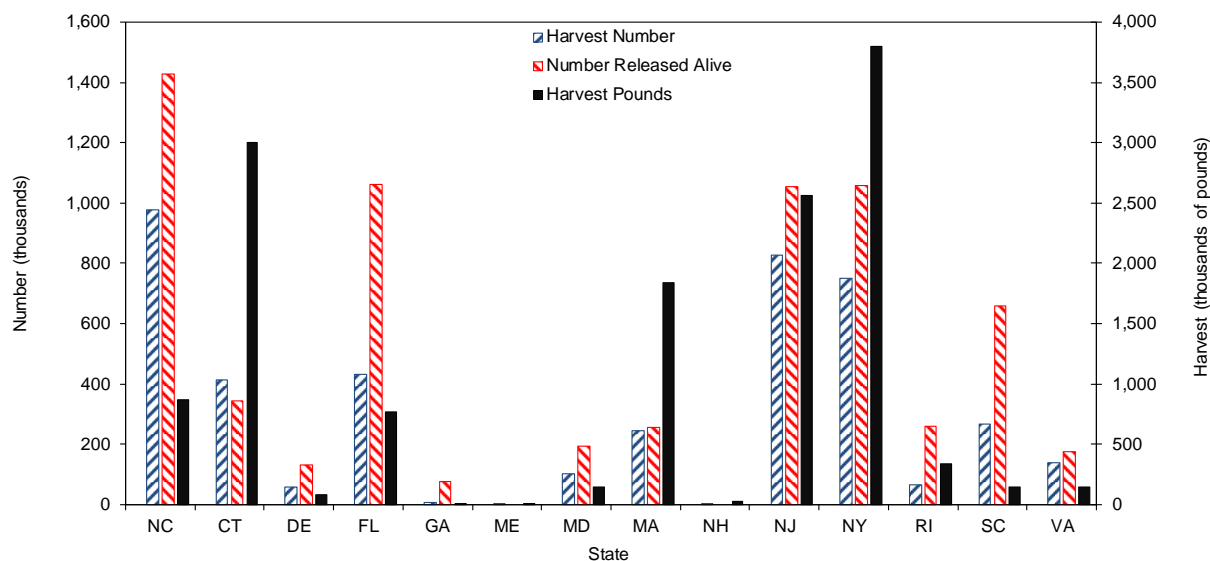
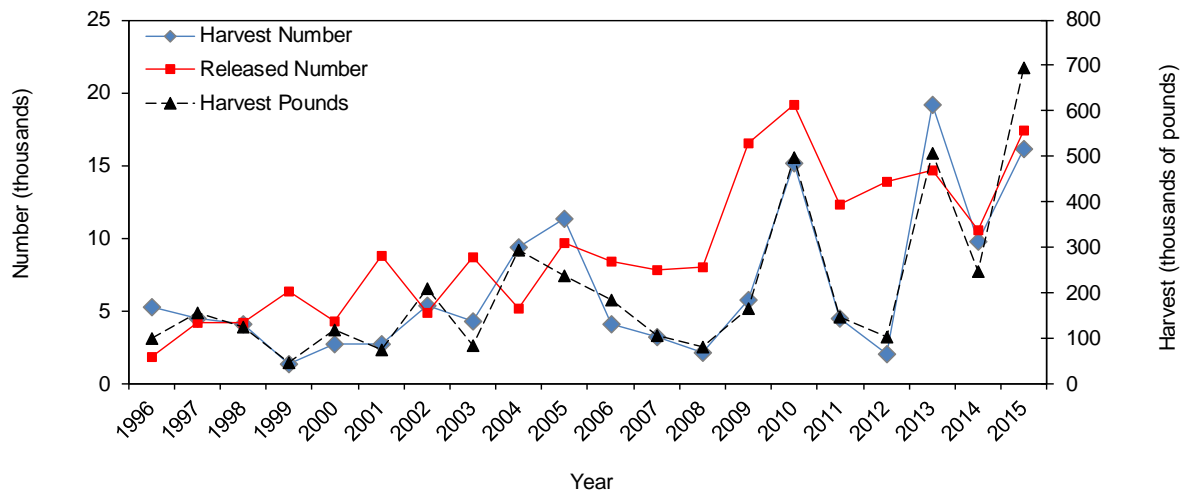


Figure 18. Bluefish recreational catch by state, 2015.

Table 50. Bluefish recreational catch by state, 2015.

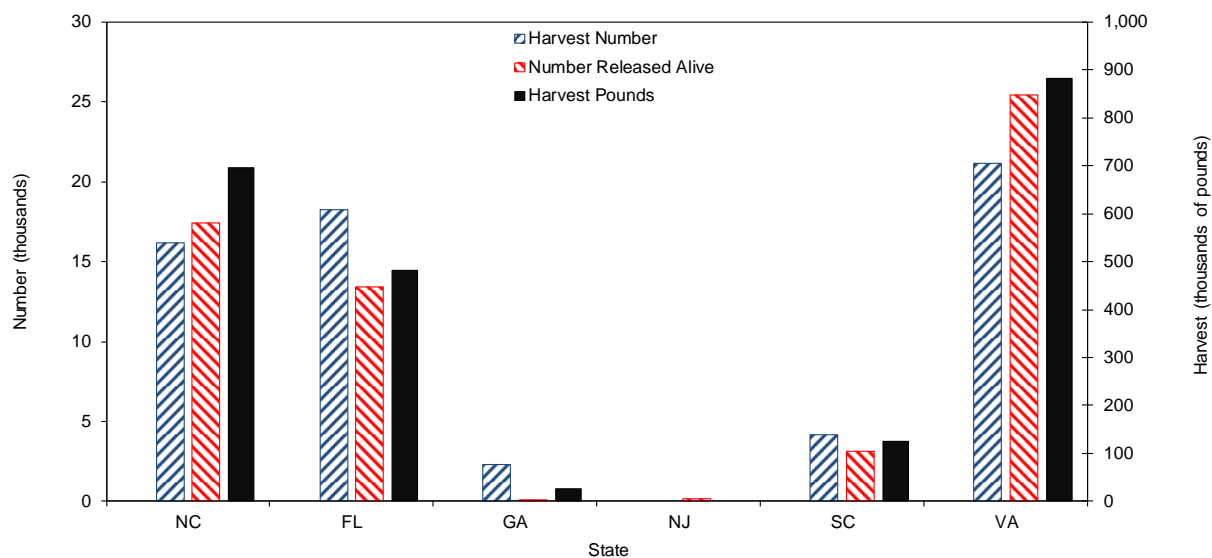
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	977,599	13.0	868,867	12.0	1,426,823	12.0	11.9	0.9
Connecticut	414,428	27.5	3,004,959	27.7	341,866	22.5	24.7	7.2
Delaware	59,231	30.6	84,781	21.6	131,923	31.5	12.7	1.4
Florida	433,253	32.3	764,038	36.1	1,062,623	15.4	14.0	1.5
Georgia	6,468	30.8	3,717	37.7	74,255	35.2	10.2	0.6
Maine	343	98.2	3,780	98.2	-	-	27.4	11.0
Maryland	101,562	24.3	147,595	24.9	193,552	35.6	13.7	1.5
Massachusetts	244,996	24.7	1,837,308	25.2	254,400	22.8	25.6	7.5
New Hampshire	2,321	92.1	24,942	92.1	-	-	28.3	10.7
New Jersey	826,527	12.5	2,566,739	16.9	1,055,225	20.8	16.4	3.1
New York	751,526	10.8	3,799,790	7.9	1,059,496	33.4	17.6	3.7
Rhode Island	66,623	34.9	338,087	26.6	257,801	47.0	20.9	5.1
South Carolina	265,210	16.0	140,156	15.5	657,486	22.3	10.0	0.5
Virginia	138,318	21.8	147,362	24.8	176,465	22.2	12.6	1.1



**Figure 19. Cobia recreational catch in North Carolina by year.**

**Table 51. Cobia recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	16,166	25.2	695,842	29.2	44.3	43.0	17,409	34.4
2014	9,804	30.7	247,386	30.7	39.3	25.2	10,530	28.7
2013	19,224	29.0	506,067	30.2	38.5	26.3	14,638	33.1
2012	2,050	31.4	104,106	31.9	48.7	50.8	13,917	25.3
2011	4,478	33.2	145,796	46.4	40.0	32.6	12,282	21.1
2010	15,125	22.4	498,581	23.0	42.7	33.0	19,180	27.6
2009	5,754	31.6	166,195	37.6	40.4	28.9	16,527	22.5
2008	2,136	49.5	82,566	52.7	44.2	38.6	8,008	32.1
2007	3,222	40.9	106,213	44.0	43.4	33.0	7,804	35.2
2006	4,098	36.9	184,300	41.0	44.2	45.0	8,389	30.0
2005	11,381	49.0	239,195	46.8	36.3	21.0	9,660	38.0
2004	9,363	41.0	294,042	40.1	41.4	31.4	5,182	38.8
2003	4,271	29.8	84,774	32.5	40.7	19.8	8,720	25.4
2002	5,412	32.9	209,045	33.5	44.3	38.6	4,930	35.8
2001	2,700	30.2	74,757	32.4	43.6	27.7	8,836	26.5
2000	2,773	42.4	118,350	49.7	45.4	42.7	4,249	34.0
1999	1,355	44.4	47,477	50.0	44.9	35.0	6,328	40.8
1998	4,057	27.8	125,547	29.7	44.1	30.9	4,238	28.3
1997	4,517	30.9	154,863	32.5	42.5	34.3	4,231	27.6
1996	5,284	52.1	99,868	43.2	33.8	18.9	1,866	35.7



**Figure 20. Cobia recreational catch by state, 2015.**

**Table 52. Cobia recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	16,166	25.2	695,842	29.2	17,409	34.4	44.3	43.0
Florida	18,242	23.9	481,956	32.9	13,440	32.0	38.5	24.2
Georgia	2,282	62.7	26,499	71.4	89	104.6	36.1	11.6
New Jersey	-	-	-	-	170	102.8	-	-
South Carolina	4,182	47.9	124,933	47.9	3,124	30.2	41.1	29.9
Virginia	21,173	45.6	882,022	48.9	25,412	68.9	44.7	41.7

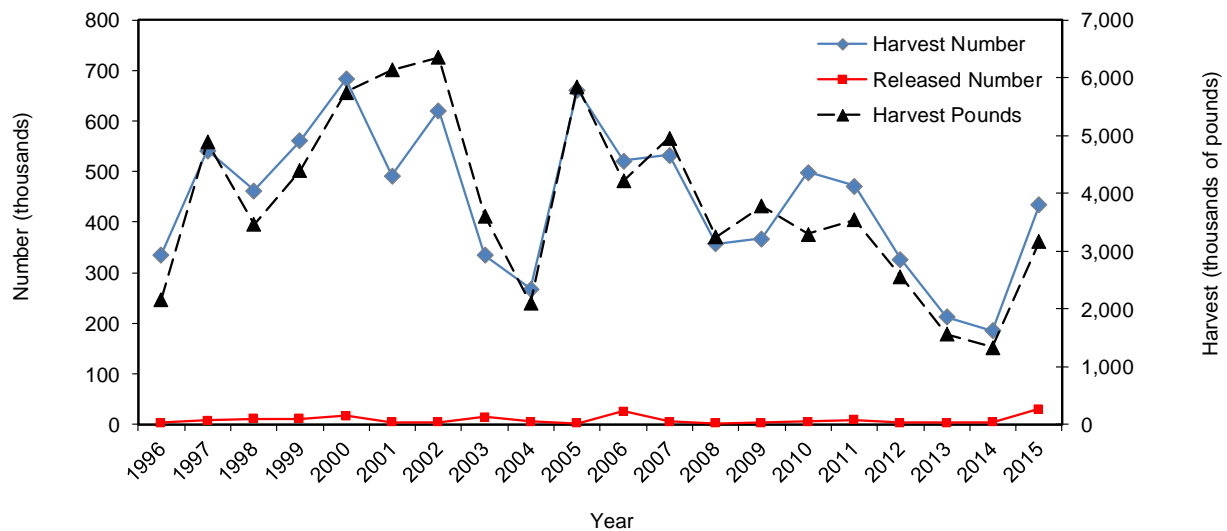


Figure 21. Dolphin recreational catch in North Carolina by year.

Table 53. Dolphin recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	434,454	17.6	3,170,590	16.3	26.7	7.3	29,567	74.4
2014	185,077	14.1	1,329,353	13.9	26.6	7.2	3,713	54.4
2013	212,388	15.2	1,562,755	14.5	27.0	7.4	2,986	57.0
2012	327,116	13.2	2,559,382	14.2	28.4	7.8	2,553	36.7
2011	472,174	13.9	3,538,922	14.2	27.1	7.5	8,336	80.5
2010	498,626	14.0	3,291,521	12.5	25.9	6.6	4,604	48.4
2009	367,351	14.2	3,784,128	14.3	31.5	10.3	2,731	53.4
2008	357,559	14.6	3,242,714	16.8	29.3	9.1	2,035	58.7
2007	533,094	15.2	4,960,343	16.8	29.9	9.3	4,674	55.7
2006	522,035	13.3	4,220,526	13.6	28.2	8.1	24,989	39.1
2005	662,583	19.3	5,850,339	20.2	29.0	8.8	2,185	64.3
2004	267,447	13.6	2,094,799	15.1	28.0	7.8	5,011	57.9
2003	334,773	13.8	3,615,115	14.9	31.5	10.8	13,835	36.6
2002	620,792	8.8	6,355,981	8.9	30.0	10.2	3,730	33.1
2001	492,295	10.2	6,141,280	11.9	31.9	12.5	4,373	37.5
2000	683,228	9.3	5,757,414	9.9	28.3	8.4	16,485	25.1
1999	561,249	10.0	4,397,926	9.9	28.1	7.8	10,633	25.6
1998	462,347	9.3	3,466,814	9.8	27.2	7.5	10,404	24.1
1997	542,531	9.1	4,886,108	9.4	29.2	9.0	7,506	30.3
1996	336,031	10.1	2,168,514	10.2	25.9	6.5	2,411	33.9



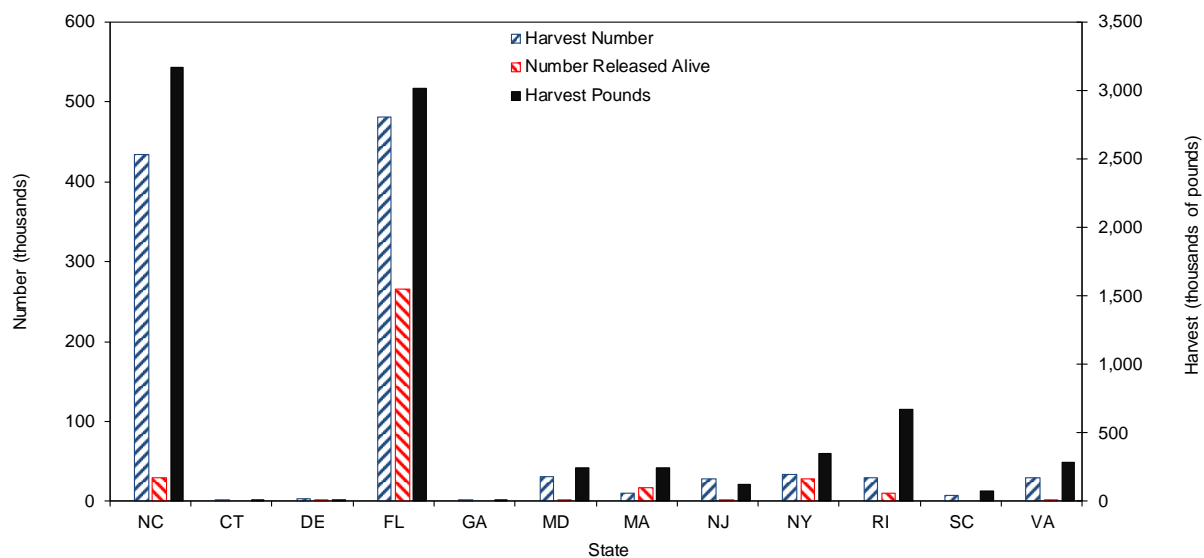
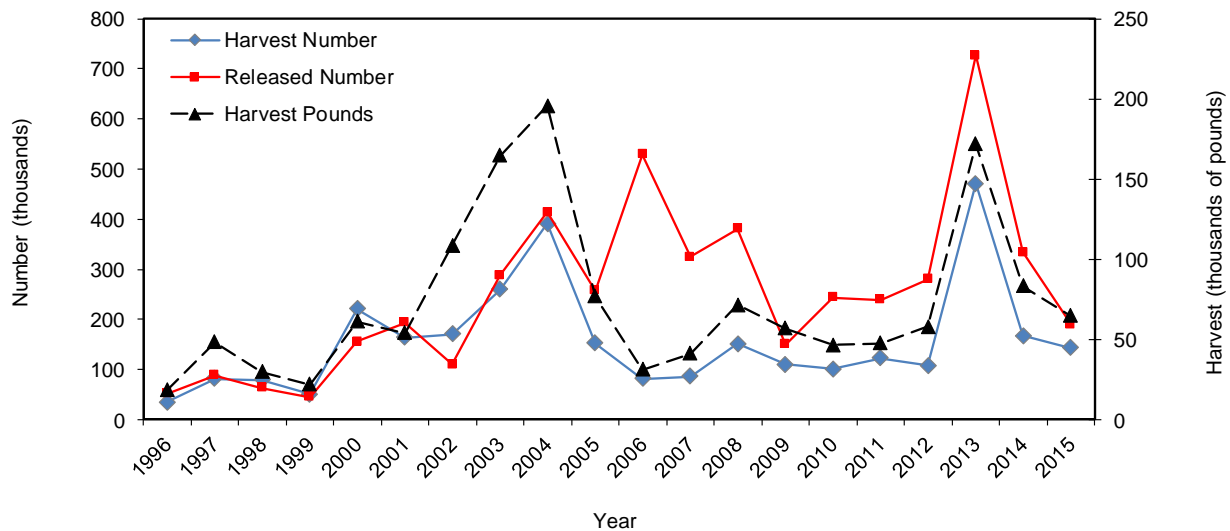


Figure 22. Dolphin recreational catch by state, 2015.

Table 54. Dolphin recreational catch by state, 2015.

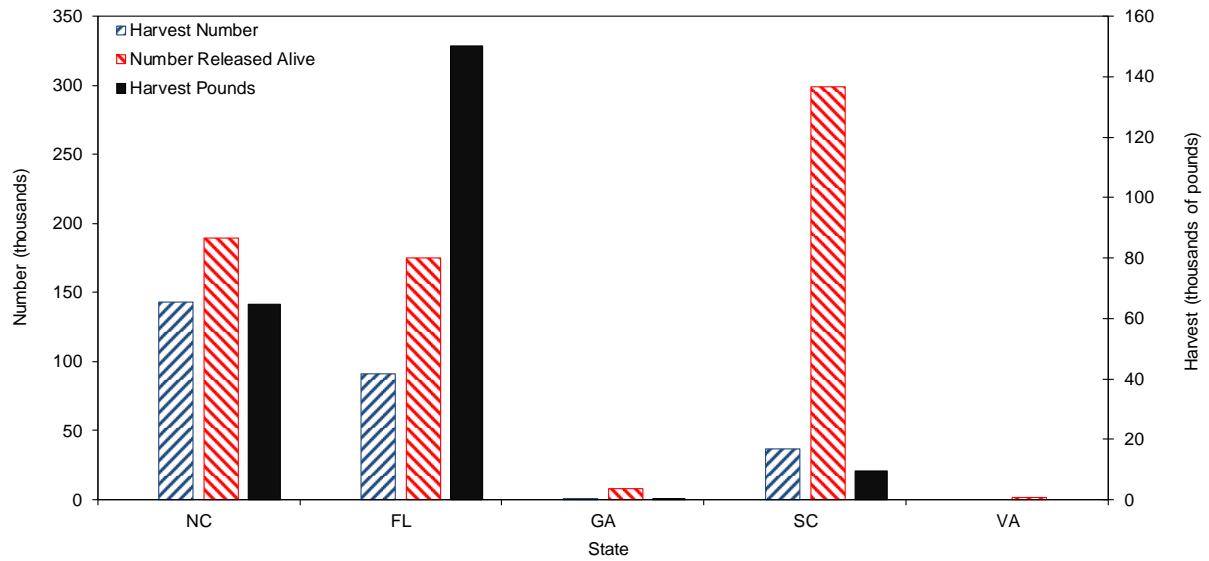
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	434,454	17.6	3,170,590	16.3	29,567	74.4	26.7	7.3
Connecticut	139	100.4	3,196	100.4	-	-	39.8	22.9
Delaware	2,574	40.2	11,040	46.5	344	99.0	22.9	4.3
Florida	481,107	12.1	3,018,100	12.0	266,065	17.7	25.4	6.1
Georgia	100	59.5	507	38.5	-	-	23.3	5.1
Maryland	31,294	42.3	242,348	33.5	628	41.9	27.1	7.7
Massachusetts	10,543	76.0	241,731	76.0	16,487	99.6	39.8	22.9
New Jersey	27,405	51.3	122,722	46.0	1,479	80.3	23.1	4.5
New York	33,069	56.8	349,033	61.2	27,311	54.8	30.9	10.6
Rhode Island	29,410	66.8	674,312	66.8	10,010	91.0	39.8	22.9
South Carolina	7,679	34.1	76,385	35.5	-	-	31.5	9.9
Virginia	29,784	30.8	284,273	30.6	2,118	71.8	30.2	9.5



**Figure 23. Florida pompano recreational catch in North Carolina by year.**

**Table 55. Florida pompano recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	142,927	26.1	64,763	26.9	7.2	0.5	189,695	25.6
2014	166,888	27.8	83,190	29.7	8.3	0.5	333,478	23.7
2013	471,156	23.0	171,860	19.7	7.3	0.4	726,048	21.1
2012	107,260	14.0	57,882	19.1	8.5	0.5	280,340	17.5
2011	122,819	17.6	47,406	17.3	7.5	0.4	239,030	17.2
2010	100,541	16.5	46,660	15.9	7.6	0.5	243,076	16.3
2009	110,213	21.2	56,913	23.1	8.2	0.5	150,176	23.0
2008	150,519	17.5	71,494	18.7	7.8	0.5	380,448	23.4
2007	86,265	24.5	41,016	22.8	8.1	0.5	324,748	25.3
2006	81,341	29.7	31,095	31.8	8.7	0.4	528,417	44.5
2005	152,558	27.1	76,722	29.6	7.9	0.5	257,721	25.9
2004	391,256	20.8	195,541	21.8	8.0	0.5	413,200	23.1
2003	259,879	19.3	164,741	19.6	8.2	0.6	288,409	19.4
2002	171,033	19.6	108,457	20.5	8.9	0.6	110,243	27.8
2001	163,540	22.7	53,924	22.9	7.6	0.3	192,900	16.1
2000	221,076	17.3	61,080	17.9	6.9	0.3	155,055	20.2
1999	50,902	21.9	21,893	22.3	8.6	0.4	45,386	19.1
1998	79,082	21.8	29,707	27.0	8.6	0.4	63,639	18.7
1997	81,775	18.9	48,166	22.9	8.7	0.6	88,249	15.2
1996	34,968	14.8	18,242	23.3	8.3	0.5	51,328	17.1



**Figure 24. Florida pompano recreational catch by state, 2015.**

**Table 56. Florida pompano recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	142,927	26.1	64,763	26.9	189,695	25.6	7.2	0.5
Florida	91,185	32.9	150,229	33.4	175,390	29.0	12.8	1.8
Georgia	744	113.2	123	113.2	7,750	52.3	5.6	0.2
South Carolina	37,099	25.1	9,642	25.1	298,866	27.2	6.7	0.3
Virginia	-	-	-	-	1,436	70.3	-	-

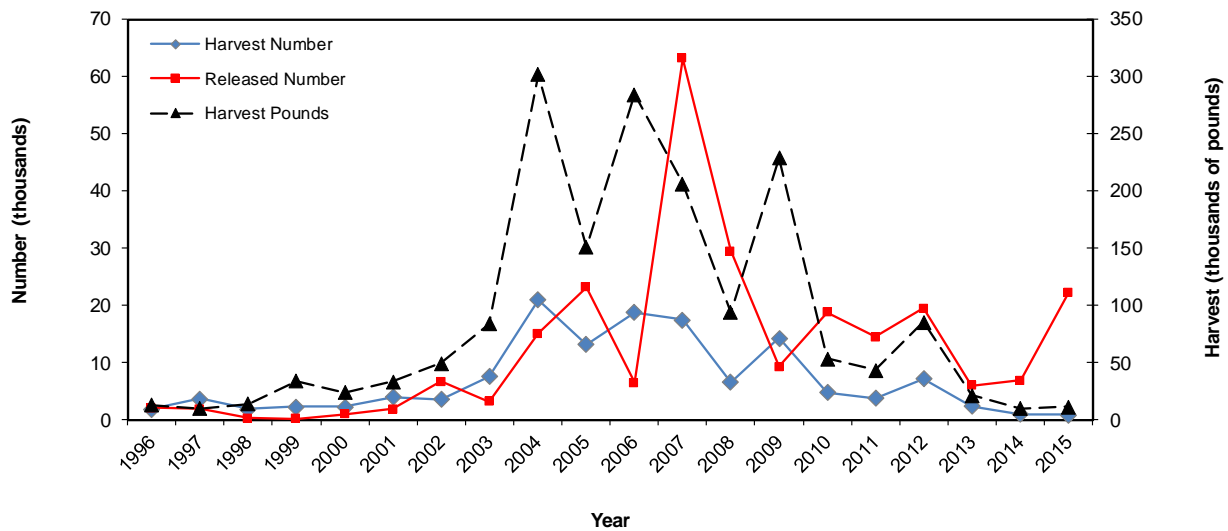


Figure 25. Gag grouper recreational catch in North Carolina by year.

Table 57. Gag grouper recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	969	61.4	11,639	58.6	28.8	12.0	22,332	30.0
2014	990	47.9	10,130	46.1	27.5	10.2	6,972	37.0
2013	2,437	39.0	21,716	40.4	26.2	8.9	5,995	27.0
2012	7,256	25.3	85,767	26.2	28.0	11.8	19,486	25.8
2011	3,852	37.9	43,530	40.3	27.4	11.3	14,556	45.2
2010	4,808	41.2	53,739	46.6	27.6	11.2	18,860	36.9
2009	14,347	44.1	229,112	50.0	30.5	16.0	9,364	60.0
2008	6,651	38.7	94,005	35.8	30.0	14.1	29,514	31.5
2007	17,559	30.4	206,462	29.8	28.4	11.8	63,168	50.7
2006	18,814	36.7	284,416	37.3	30.6	15.1	6,563	47.2
2005	13,223	36.6	151,013	38.6	29.1	11.4	23,241	39.4
2004	20,989	48.2	301,927	58.6	29.8	14.4	15,084	47.1
2003	7,650	49.2	83,981	52.2	26.7	11.0	3,268	79.1
2002	3,610	61.1	49,571	70.5	30.2	13.7	6,684	72.4
2001	4,052	38.9	33,508	37.6	26.3	8.3	1,928	52.8
2000	2,308	45.7	24,107	49.1	22.9	10.4	1,027	100.0
1999	2,312	46.9	34,118	46.2	31.1	14.8	224	75.2
1998	1,927	44.0	13,927	50.6	26.8	8.6	299	100.0
1997	3,774	48.5	10,019	62.0	28.2	12.0	1,918	48.6
1996	1,942	32.5	12,899	36.7	26.3	9.1	2,140	36.5

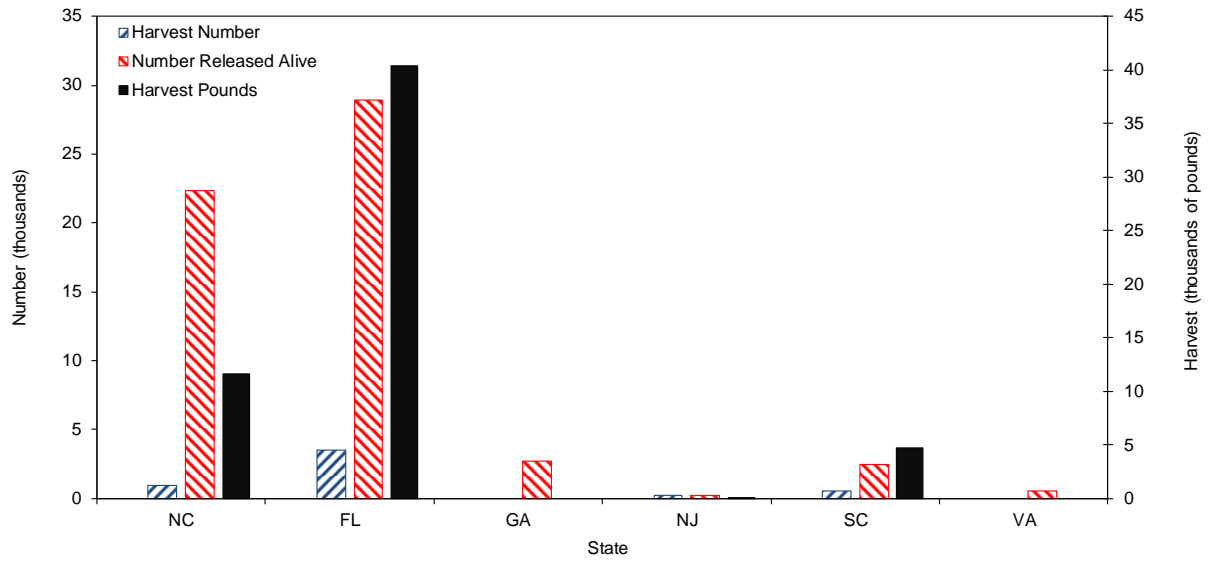


Figure 26. Gag grouper recreational catch by state, 2015.

Table 58. Gag grouper recreational catch by state, 2015.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	969	61.4	11,639	58.6	22,332	30.0	28.8	12.0
Florida	3,472	27.9	40,344	29.1	28,894	31.3	25.9	9.1
Georgia	-	-	-	-	2,697	54.6	-	-
New Jersey	225	99.1	65	99.1	225	99.1	8.5	0.3
South Carolina	516	44.7	4,668	44.7	2,487	75.2	26.3	9.0
Virginia	-	-	-	-	530	85.1	-	-

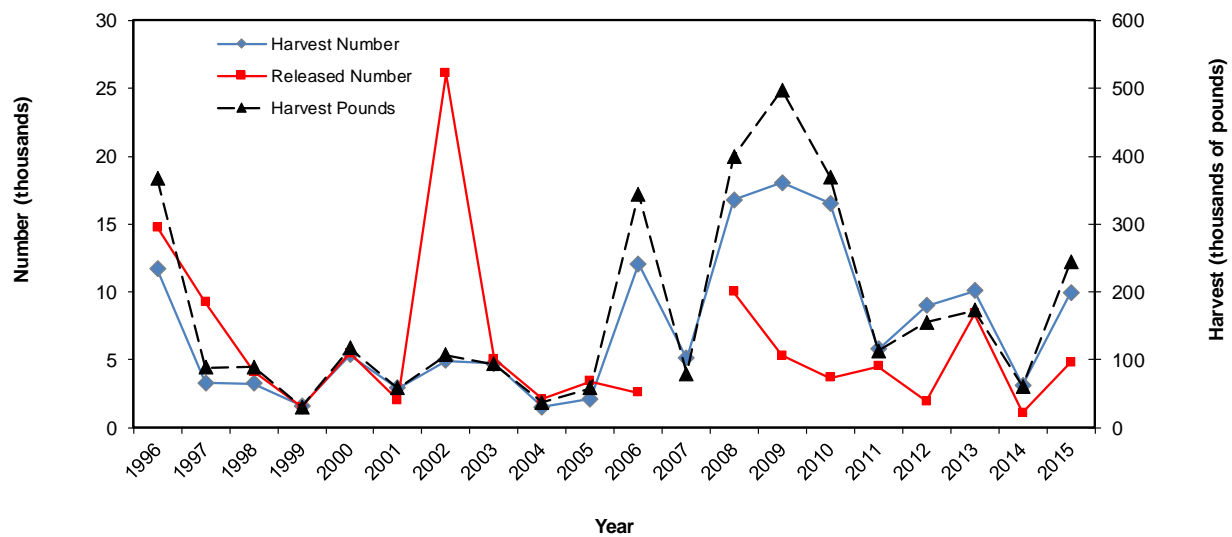
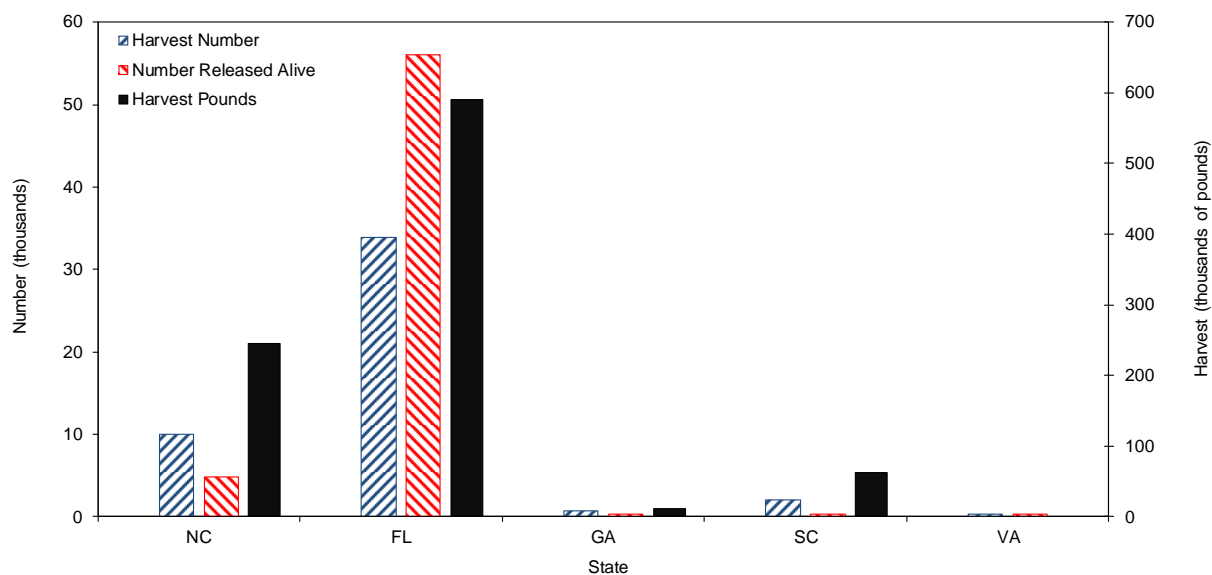


Figure 27. Greater amberjack recreational catch in North Carolina by year.

Table 59. Greater amberjack recreational catch in North Carolina by year.

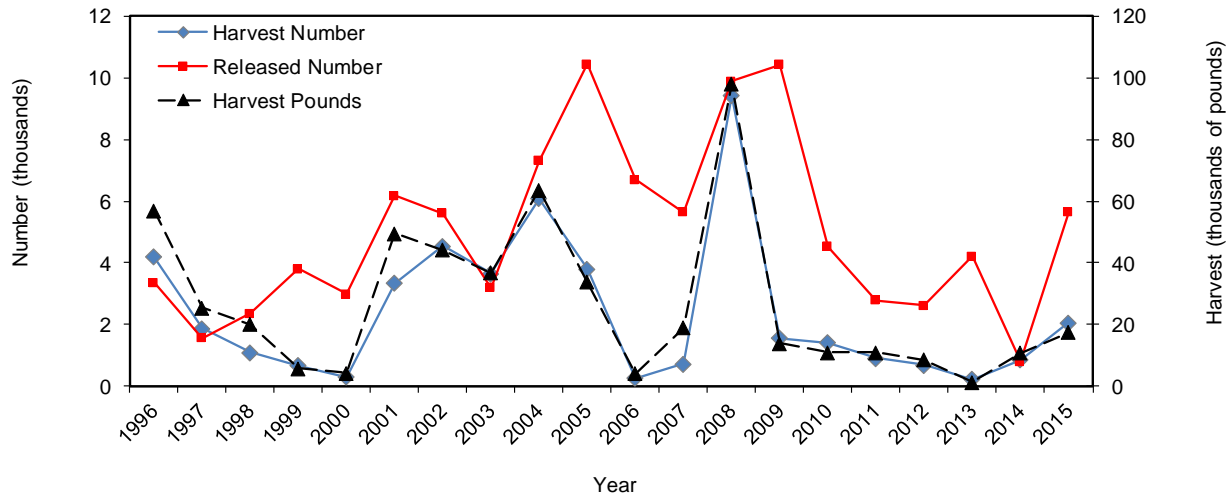
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	9,934	23.0	244,797	23.7	36.3	24.6	4,782	83.2
2014	3,098	25.4	60,260	24.6	33.7	19.5	1,076	49.3
2013	10,078	27.3	172,647	26.5	32.5	17.1	8,403	46.2
2012	8,976	22.5	154,734	23.1	32.3	17.2	1,927	46.0
2011	5,752	24.2	112,991	25.6	33.5	19.6	4,509	91.8
2010	16,536	23.6	369,224	22.6	35.5	22.3	3,674	50.0
2009	18,035	23.2	497,157	23.8	37.8	27.6	5,326	47.1
2008	16,792	27.5	399,647	30.1	36.3	23.8	9,971	54.6
2007	5,102	63.2	78,975	58.8	30.6	15.5	-	-
2006	12,051	64.7	343,985	66.1	38.4	28.5	2,582	98.3
2005	2,088	65.7	58,278	57.1	35.4	27.9	3,414	72.2
2004	1,526	33.6	36,633	34.0	36.1	24.0	2,105	68.3
2003	4,734	34.1	93,656	33.3	35.2	19.8	5,076	42.3
2002	4,915	28.3	106,747	28.7	35.7	21.7	26,099	27.5
2001	2,889	27.6	57,877	30.9	37.7	20.0	2,034	45.7
2000	5,353	42.7	117,181	43.7	33.5	21.9	5,480	41.7
1999	1,616	53.0	29,906	57.1	26.3	18.5	1,504	52.3
1998	3,248	34.3	88,968	35.0	37.2	27.4	4,146	61.1
1997	3,297	31.9	88,445	33.1	39.6	26.8	9,221	24.7
1996	11,660	29.8	366,807	32.6	39.5	31.5	14,763	34.0



**Figure 28. Greater amberjack recreational catch by state, 2015.**

**Table 60. Greater amberjack recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	9,934	23.0	244,797	23.7	4,782	83.2	36.3	24.6
Florida	33,925	16.8	590,701	15.8	56,094	20.7	32.8	19.2
Georgia	645	59.1	11,519	50.4	277	106.2	32.2	17.9
South Carolina	2,068	53.7	61,841	53.1	329	101.1	38.7	29.9
Virginia	270	100.0	-	-	278	100.4	-	-

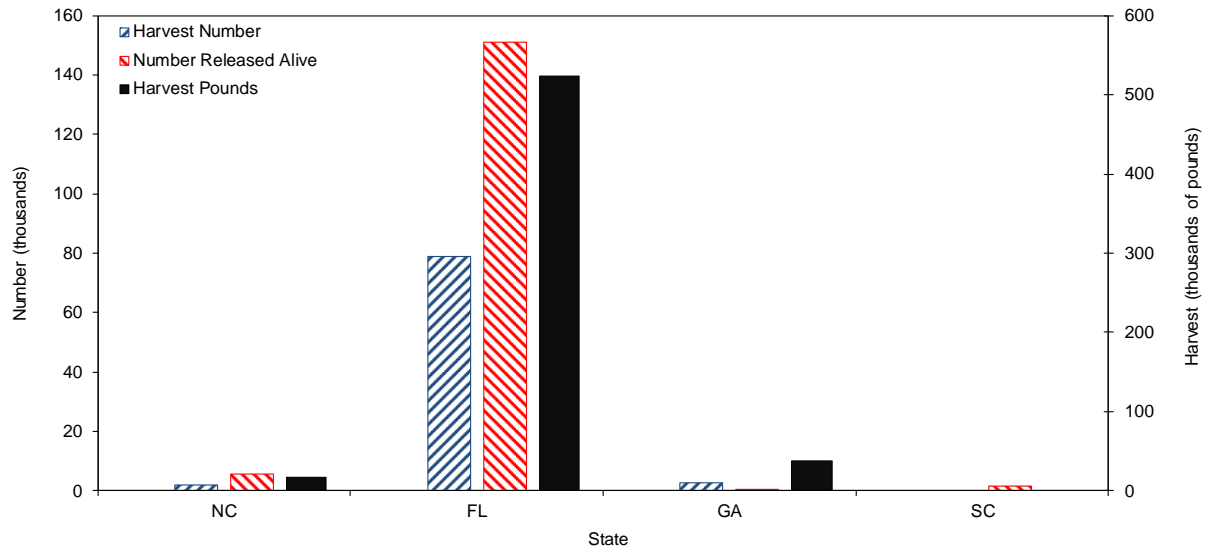


**Figure 29. Great barracuda recreational catch in North Carolina by year.**

**Table 61. Great barracuda recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	2,065	42.6	17,394	40.4	32.4	8.4	5,642	40.7
2014	852	50.7	10,737	58.2	38.4	12.6	793	44.1
2013	224	61.1	1,276	60.6	30.3	5.7	4,214	46.5
2012	683	36.9	8,535	35.7	37.2	12.5	2,610	40.2
2011	916	37.4	10,882	35.6	36.8	11.9	2,784	46.5
2010	1,410	38.3	11,011	40.4	31.9	7.8	4,526	35.1
2009	1,553	40.6	13,864	38.9	33.8	8.9	10,433	42.8
2008	9,428	70.9	98,043	69.3	34.8	10.4	9,879	35.0
2007	724	83.2	18,999	95.6	47.3	26.3	5,631	54.4
2006	252	62.7	4,110	83.4	38.4	16.3	6,692	51.8
2005	3,809	56.2	33,832	52.6	31.8	8.9	10,445	57.9
2004	6,080	61.4	63,652	66.2	35.3	10.5	7,305	82.6
2003	3,650	30.2	36,798	35.3	37.2	10.1	3,194	45.8
2002	4,541	23.6	44,158	25.4	33.5	9.7	5,597	30.2
2001	3,345	43.4	49,445	49.1	40.2	14.8	6,182	21.6
2000	290	38.0	4,285	40.9	41.1	14.8	2,989	38.9
1999	661	58.2	5,710	60.5	49.4	8.6	3,795	30.3
1998	1,085	30.2	20,014	34.2	39.2	18.4	2,359	36.5
1997	1,864	29.8	25,366	32.1	39.9	13.6	1,560	36.6
1996	4,201	31.7	56,864	36.9	36.6	13.5	3,350	28.6

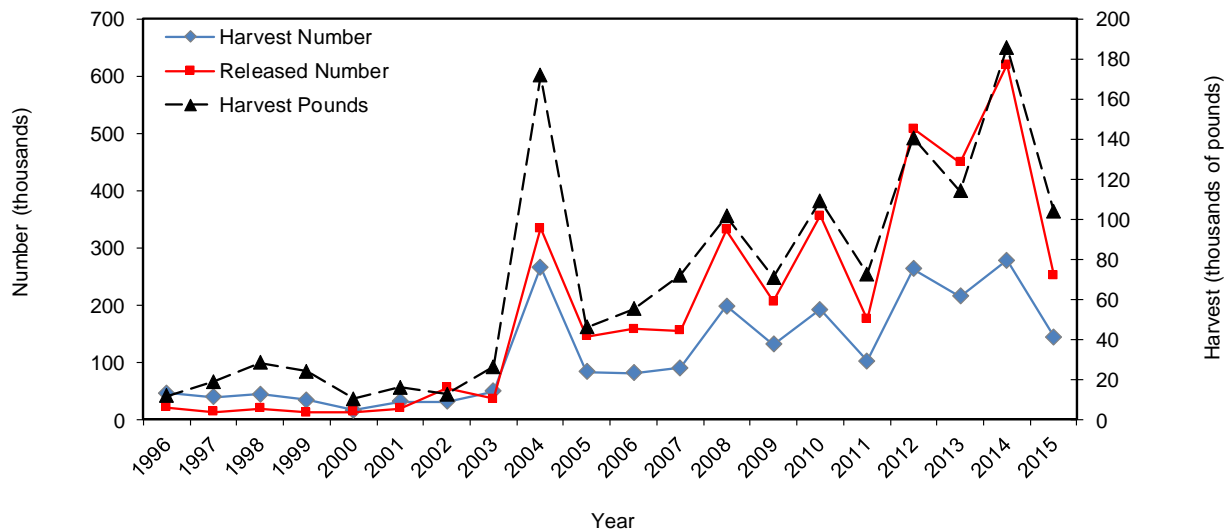




**Figure 30. Great barracuda recreational catch by state, 2015.**

**Table 62. Great barracuda recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	2,065	42.6	17,394	40.4	5,642	40.7	32.4	8.4
Florida	79,046	26.3	523,284	23.9	151,135	20.5	29.3	7.9
Georgia	2,771	37.3	36,793	42.1	192	122.5	35.9	13.3
South Carolina	-	-	-	-	1,331	46.5	-	-

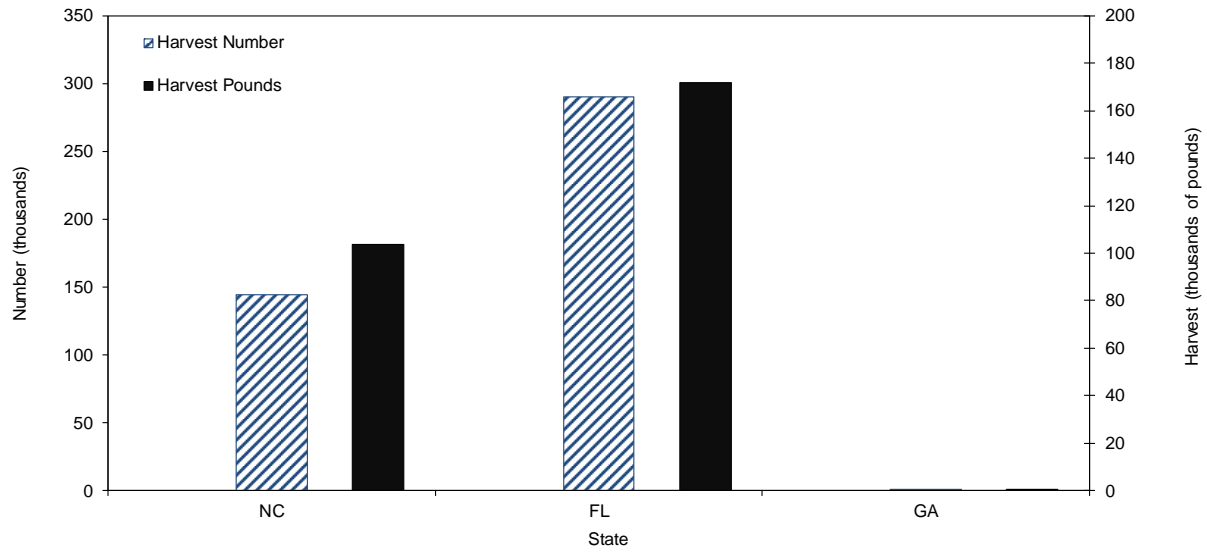


**Figure 31. Gulf kingfish recreational catch in North Carolina by year.**

**Table 63. Gulf kingfish recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number*	PSE (release)*
2015	144,104	31.5	103,560	36.5	11.9	0.7	250,635	-
2014	277,761	35.8	185,691	39.5	11.4	0.7	619,785	-
2013	214,853	21.5	113,964	21.7	10.4	0.5	449,013	-
2012	263,307	14.3	140,580	15.5	10.5	0.5	508,005	-
2011	102,475	24.4	72,694	27.4	11.7	0.7	175,011	-
2010	192,399	17.3	109,235	19.0	10.8	0.6	356,151	-
2009	131,665	28.3	70,800	29.3	10.0	0.5	205,714	-
2008	198,064	17.4	101,343	18.4	10.3	0.5	331,260	-
2007	90,511	32.3	71,902	33.0	11.8	0.8	154,810	-
2006	81,631	60.1	55,301	66.4	11.5	0.7	158,201	-
2005	83,461	37.3	46,048	38.5	10.4	0.6	145,098	-
2004	265,671	28.7	171,660	33.9	11.2	0.6	333,671	-
2003	48,918	20.2	26,338	22.1	10.4	0.5	36,594	-
2002	30,983	25.9	12,592	27.6	9.9	0.4	55,473	-
2001	31,700	22.1	16,152	22.7	10.6	0.5	18,813	-
2000	15,972	34.0	10,228	36.3	10.6	0.6	13,365	-
1999	34,589	31.6	24,046	45.8	9.8	0.7	12,390	-
1998	44,200	40.2	28,204	46.9	10.6	0.6	19,115	-
1997	38,978	24.0	18,941	27.6	9.3	0.5	13,185	-
1996	45,884	19.5	11,737	42.4	10.3	0.4	21,127	-

\* Kingfish releases are not recorded to species; released number was calculated by assigning a ratio of observed kingfish by species to reported kingfish genus release estimates. PSEs are not available for this analysis.



**Figure 32. Gulf kingfish recreational catch by state, 2015.**

**Table 64. Gulf kingfish recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive*	PSE (rel)*	Mean Length (inches)	Mean Weight (lb)
North Carolina	144,104	31.5	103,560	36.5	-	-	11.9	0.7
Florida	290,066	17.1	171,861	15.9	-	-	11.5	0.6
Georgia	239	75.1	95	83.7	-	-	9.9	0.4

\* Released kingfish are not always recorded to species level.

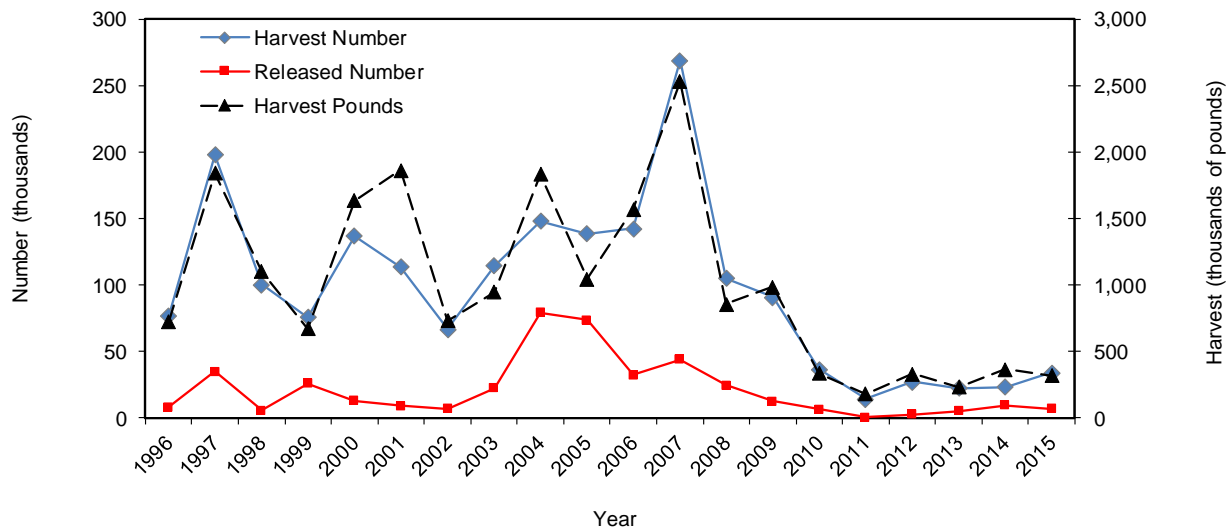
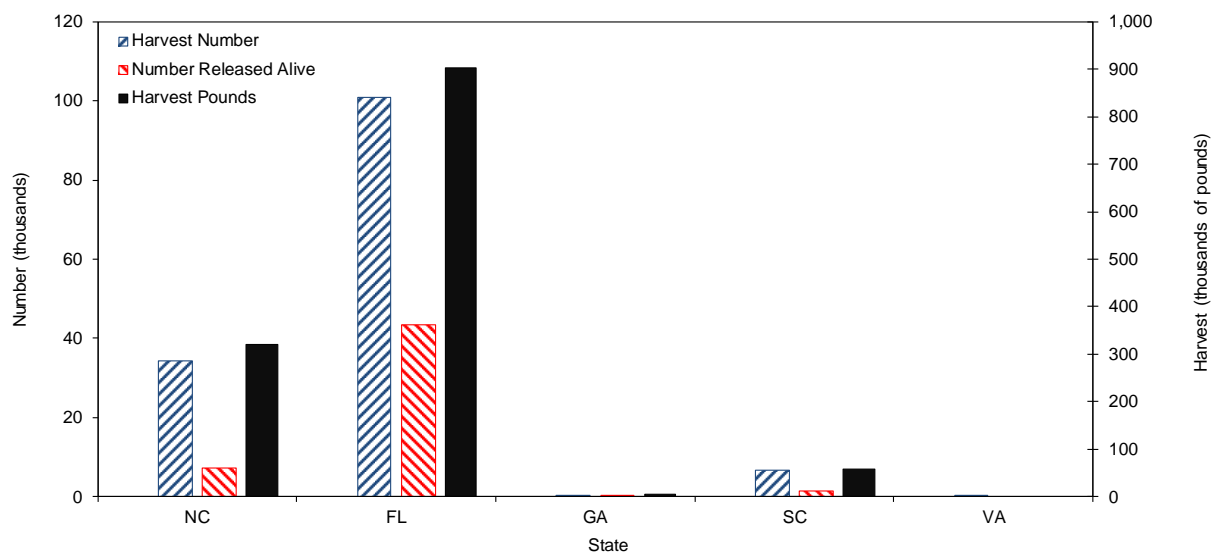


Figure 33. King mackerel recreational catch in North Carolina by year.

Table 65. King mackerel recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight, (lb)	Released Number	PSE (release)
2015	34,330	22.3	320,388	27.7	30.9	9.3	7,165	47.6
2014	23,374	21.3	366,128	22.2	37.1	15.7	9,772	81.3
2013	22,613	23.2	235,436	24.6	31.9	10.4	5,181	58.9
2012	27,353	21.4	333,614	21.4	34.0	12.2	2,858	37.6
2011	14,220	25.3	180,014	25.0	35.1	12.7	621	71.7
2010	36,541	22.0	336,327	21.4	31.9	9.2	6,403	34.3
2009	91,138	15.3	984,739	15.7	32.7	10.8	12,439	33.6
2008	105,237	16.9	855,674	17.7	29.8	8.1	24,635	45.2
2007	269,019	14.3	2,530,097	14.9	31.3	9.4	44,108	29.6
2006	142,571	16.5	1,573,565	19.5	32.5	11.0	32,237	31.0
2005	138,711	16.4	1,047,909	15.5	29.5	7.6	73,571	24.5
2004	148,269	17.5	1,836,209	22.5	32.8	12.4	79,162	26.5
2003	114,493	16.1	949,710	16.4	30.2	8.3	22,338	27.2
2002	66,846	28.2	733,980	29.6	32.4	11.0	7,120	30.6
2001	113,822	12.2	1,862,859	19.9	36.7	16.4	9,063	37.1
2000	137,184	12.1	1,636,903	14.1	32.7	11.9	12,878	26.2
1999	75,748	12.7	671,087	14.3	30.8	8.9	25,894	21.6
1998	100,336	11.8	1,103,537	13.3	32.8	11.0	5,685	34.8
1997	197,899	9.9	1,841,415	11.6	30.7	9.3	35,194	18.3
1996	77,243	11.3	727,904	11.9	31.4	9.4	8,231	30.1



**Figure 34. King mackerel recreational catch by state, 2015.**

**Table 66. King mackerel recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	34,330	22.3	320,388	27.7	7,165	47.6	30.9	9.3
Florida	101,011	11.6	902,926	11.0	43,550	24.8	31.5	9.3
Georgia	347	54.0	4,252	51.9	79	106.1	35.2	12.3
South Carolina	6,697	45.4	57,802	39.0	1,528	71.6	31.2	8.6
Virginia	54	100.0	-	-	-	-	-	-

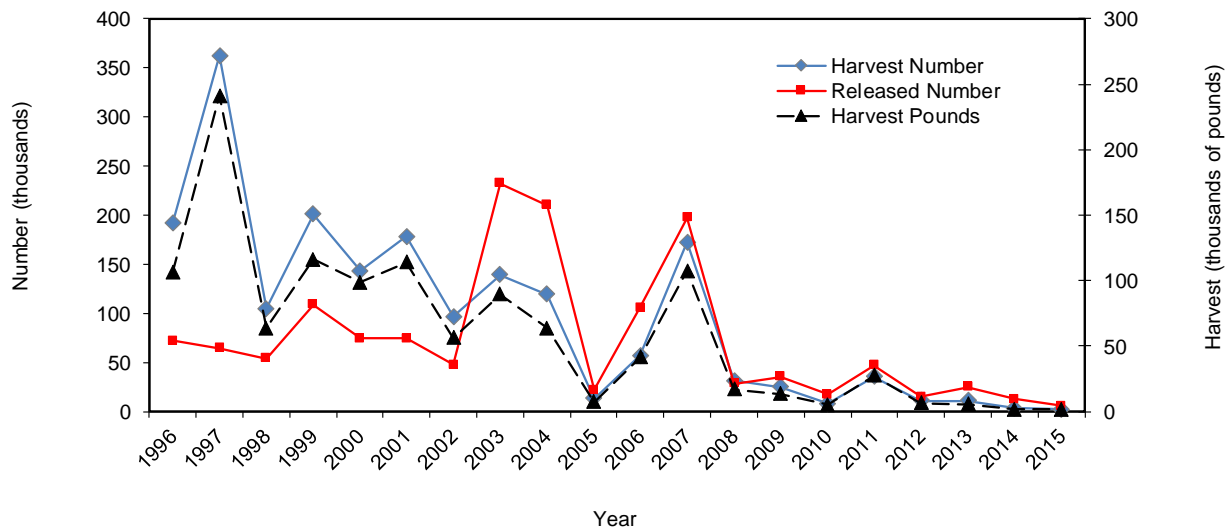
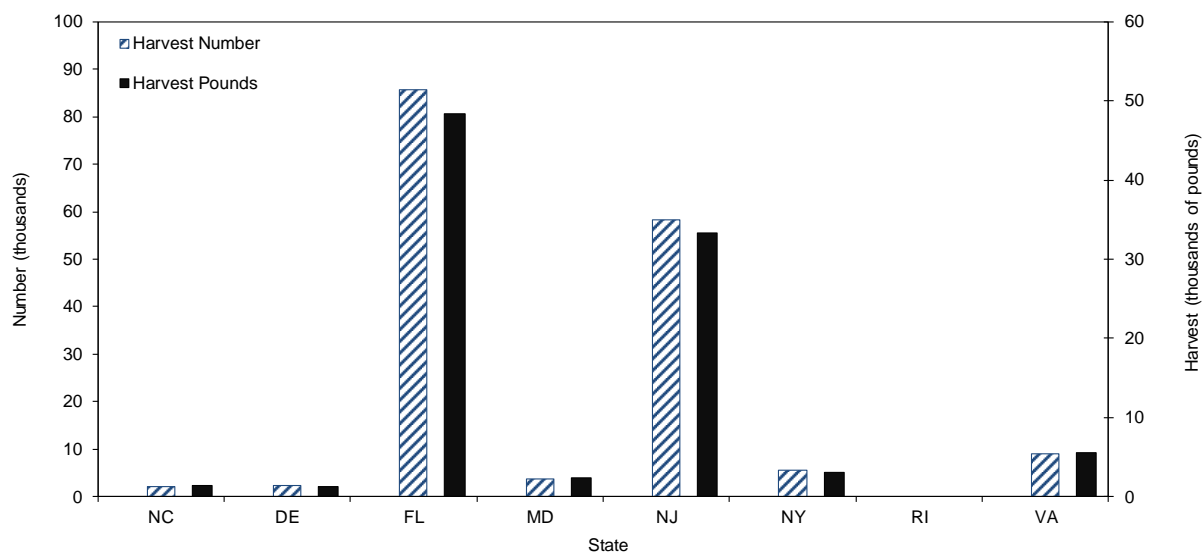


Figure 35. Northern kingfish recreational catch in North Carolina by year.

Table 67. Northern kingfish recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number*	PSE (release)*
2015	2,003	60.5	1,356	57.8	12.1	0.7	5,437	-
2014	3,115	69.0	1,721	73.7	11.0	0.6	12,790	-
2013	10,565	31.0	5,495	34.2	11.2	0.5	24,933	-
2012	10,683	35.9	6,421	37.5	11.7	0.6	14,675	-
2011	35,412	34.5	27,531	40.8	12.6	0.8	46,911	-
2010	8,053	30.6	4,823	34.7	11.2	0.6	17,141	-
2009	25,069	50.0	13,280	47.7	11.0	0.5	35,135	-
2008	31,239	48.4	16,625	45.9	10.1	0.5	28,479	-
2007	172,447	24.5	107,282	24.6	11.4	0.6	197,119	-
2006	57,083	29.9	41,374	30.9	11.8	0.7	105,932	-
2005	13,282	31.0	7,344	30.9	11.0	0.6	21,590	-
2004	119,057	22.6	63,478	22.8	10.8	0.5	210,028	-
2003	139,085	18.6	89,232	19.8	11.7	0.6	232,121	-
2002	96,741	28.9	56,179	28.9	11.6	0.6	47,474	-
2001	178,052	21.2	113,878	23.5	11.6	0.6	74,522	-
2000	143,242	15.3	98,396	15.1	12.0	0.7	74,448	-
1999	201,041	29.1	115,877	32.4	10.8	0.6	108,640	-
1998	104,530	25.4	63,716	28.2	11.3	0.6	54,092	-
1997	362,227	28.6	240,913	30.8	11.7	0.7	64,508	-
1996	191,356	16.7	105,942	17.8	11.3	0.6	72,105	-

\* Kingfish releases are not recorded to species; released number was calculated by assigning a ratio of observed kingfish by species to reported kingfish genus release estimates. PSEs are not available for this analysis.

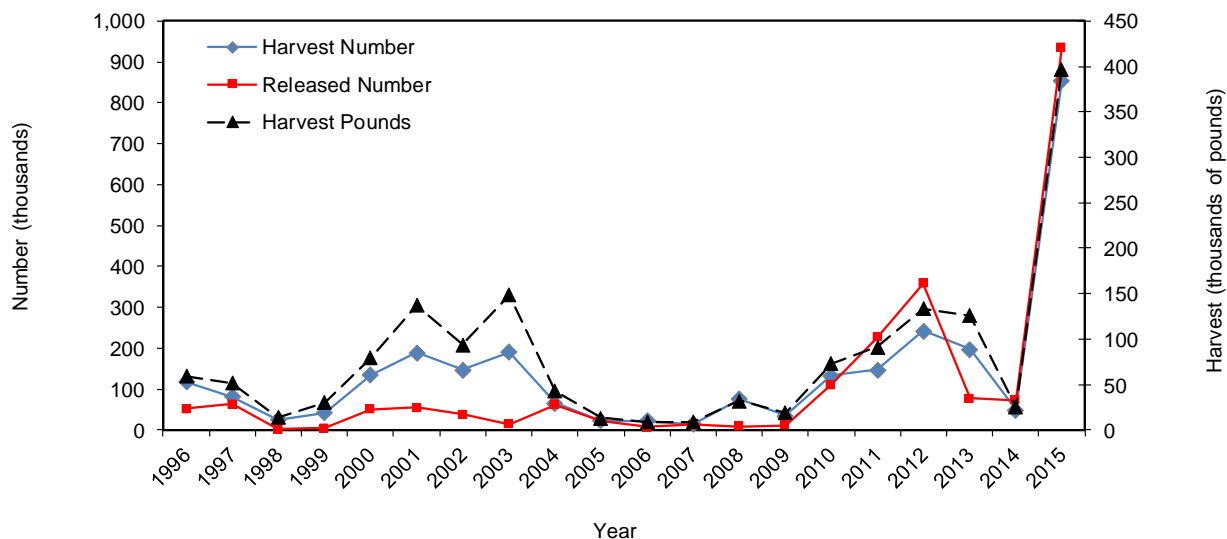


**Figure 36. Northern kingfish recreational catch by state, 2015.**

**Table 68. Northern kingfish recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive*	PSE (rel)*	Mean Length (inches)	Mean Weight (lb)
North Carolina	2,003	60.5	1,356	57.8	-	-	12.1	0.7
Delaware	2,223	42.2	1,211	46.8	-	-	11.3	0.5
Florida	85,739	77.8	48,341	77.6	-	-	11.4	0.6
Maryland	3,667	91.2	2,366	91.2	-	-	11.5	0.6
New Jersey	58,377	85.3	33,260	84.2	-	-	10.7	0.6
New York	5,471	79.9	3,015	79.9	-	-	11.1	0.6
Virginia	9,028	82.9	5,494	83.9	-	-	11.0	0.6

\* Released kingfish are not always recorded to species level.



**Figure 37. Northern puffer recreational catch in North Carolina by year.**

**Table 69. Northern puffer recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	853,025	45.9	397,472	40.9	8.0	0.5	934,599	24.8
2014	48,708	37.5	25,416	36.4	8.7	0.5	72,749	30.3
2013	197,509	42.9	126,039	46.7	8.6	0.6	76,939	11.4
2012	242,434	21.7	133,357	23.0	8.3	0.6	359,018	17.2
2011	146,912	20.0	91,384	21.0	9.0	0.6	226,558	20.5
2010	132,788	30.2	72,952	29.7	8.7	0.5	110,673	36.1
2009	35,319	36.9	19,266	33.1	8.7	0.5	12,169	57.0
2008	75,956	28.4	32,239	29.0	7.5	0.4	8,278	55.6
2007	14,542	36.3	9,129	36.6	9.2	0.6	12,345	40.8
2006	23,448	66.1	9,140	53.8	8.6	0.4	8,115	39.9
2005	23,501	44.3	13,720	45.7	8.9	0.6	20,964	27.1
2004	66,227	30.7	43,132	29.5	8.8	0.7	62,176	26.4
2003	190,917	28.1	148,741	30.1	9.4	0.8	14,905	27.5
2002	147,427	29.3	93,679	32.5	9.1	0.6	38,547	33.6
2001	189,650	22.4	137,431	25.5	9.3	0.7	55,602	28.9
2000	135,364	25.2	79,461	24.6	8.6	0.6	50,873	36.0
1999	42,424	20.0	30,625	21.4	9.4	0.7	4,572	41.9
1998	25,857	28.2	13,933	25.7	8.7	0.5	1,534	40.1
1997	81,099	16.8	51,953	17.6	8.9	0.6	63,210	54.9
1996	117,992	19.2	59,517	26.7	8.6	0.5	51,549	25.9



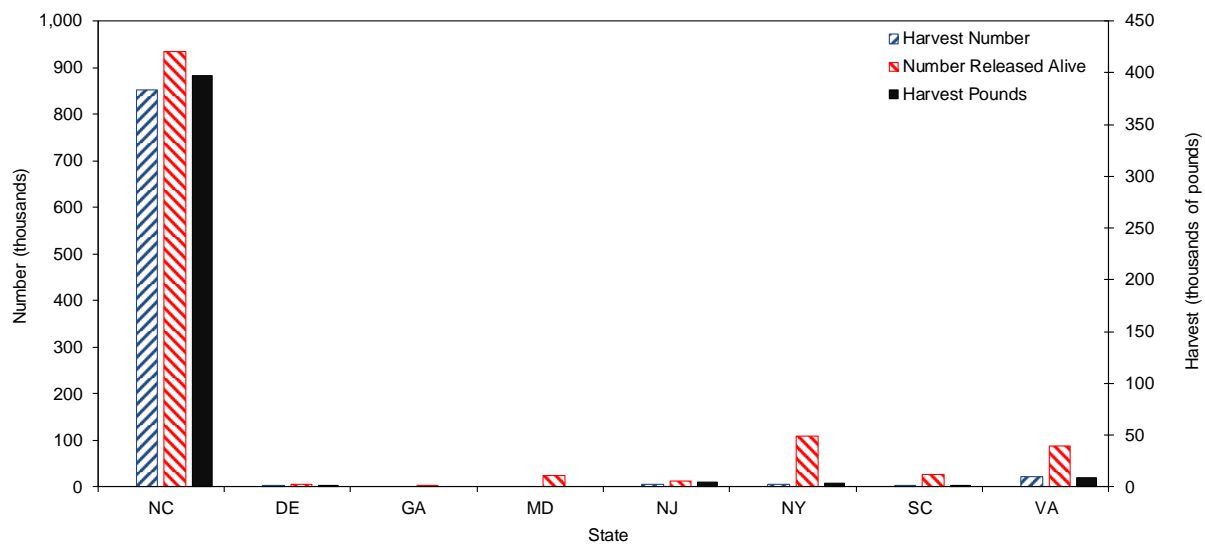
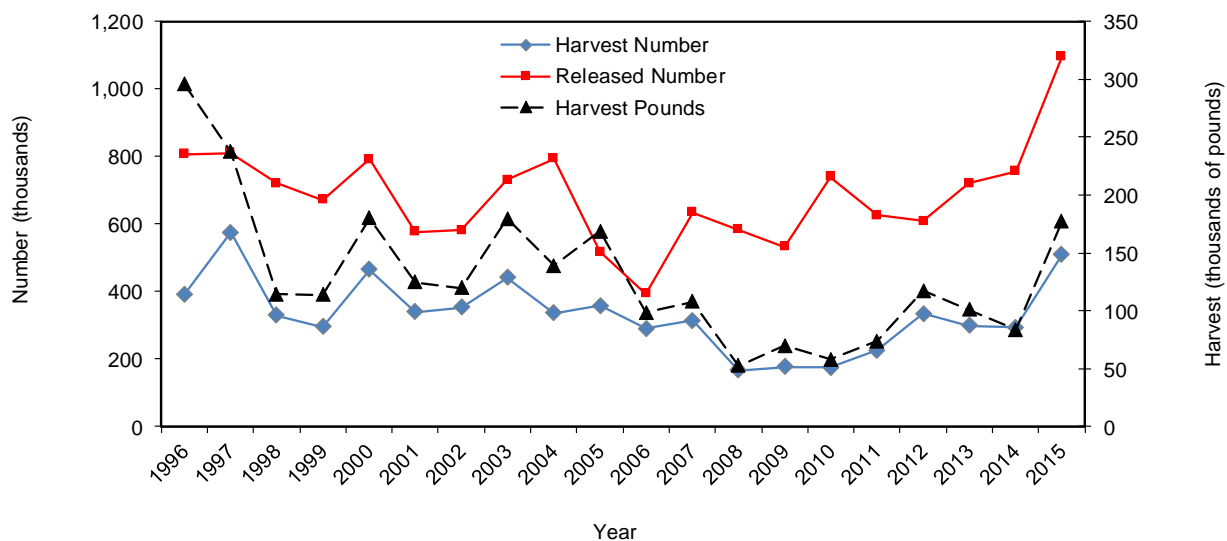


Figure 38. Northern puffer recreational catch by state, 2015.

Table 70. Northern puffer recreational catch by state, 2015.

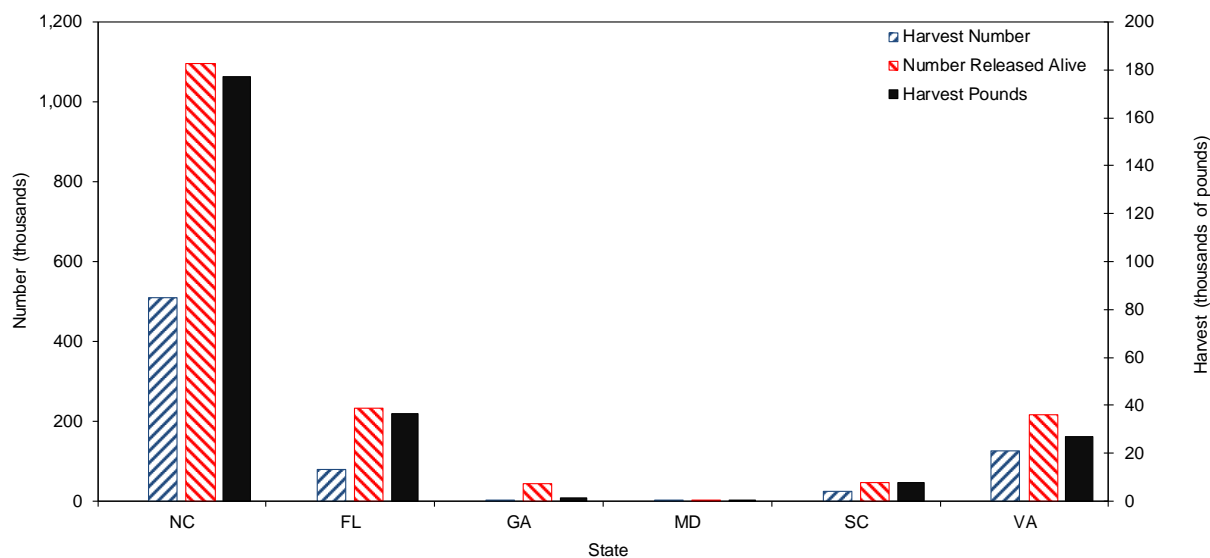
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	853,025	45.9	397,472	40.9	934,599	24.8	8.0	0.5
Delaware	328	79.5	130	77.3	4,712	62.8	8.1	0.4
Georgia	-	-	-	-	32	99.1	-	-
Maryland	-	-	-	-	23,414	57.0	-	-
New Jersey	5,753	59.4	4,125	60.8	13,281	45.9	9.6	0.7
New York	6,129	71.9	3,746	82.6	109,945	87.0	8.7	0.6
South Carolina	730	53.0	279	60.1	26,348	44.0	8.0	0.4
Virginia	21,810	44.1	9,344	45.8	88,831	33.0	7.7	0.4



**Figure 39. Pigfish recreational catch in North Carolina by year.**

**Table 71. Pigfish recreational catch in North Carolina by year.**

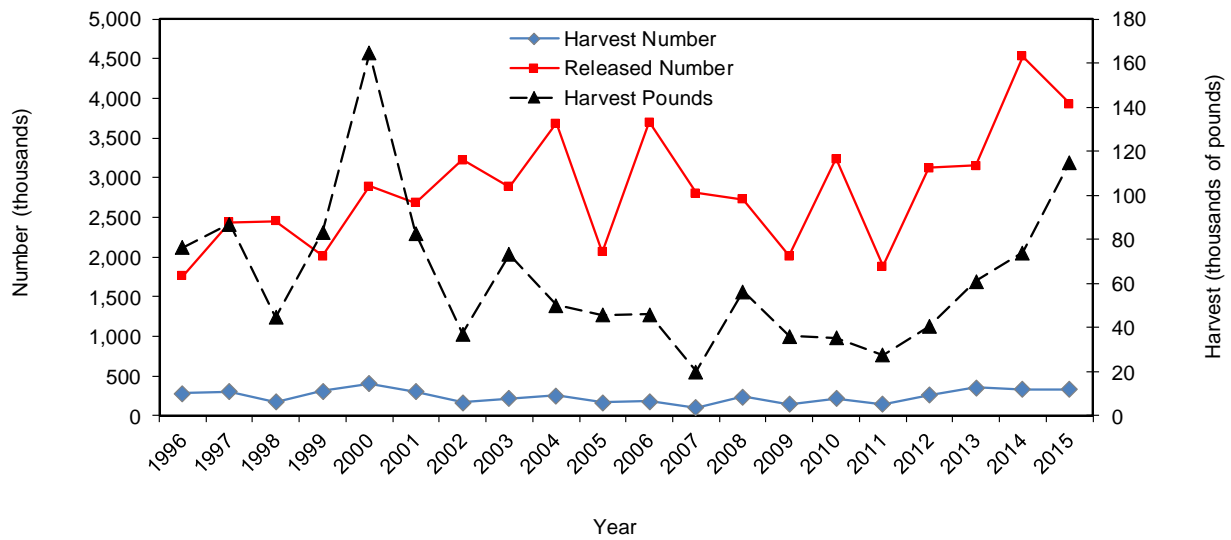
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	508,767	24.4	177,093	24.3	8.2	0.3	1,094,896	13.9
2014	293,523	17.9	83,741	16.5	7.4	0.3	755,454	13.7
2013	299,065	13.7	101,014	13.7	8.0	0.3	721,157	13.8
2012	334,052	16.9	117,021	16.4	8.0	0.4	608,920	9.5
2011	225,472	15.8	73,538	17.2	8.0	0.3	624,973	11.5
2010	175,430	15.2	57,759	15.0	7.9	0.3	739,610	12.1
2009	177,321	29.8	69,923	32.2	8.3	0.4	533,058	16.4
2008	165,875	19.0	52,354	19.7	7.9	0.3	582,690	18.8
2007	314,322	24.2	108,048	24.8	8.0	0.3	633,961	19.3
2006	290,414	25.7	98,315	23.0	7.9	0.3	393,954	18.3
2005	357,507	21.2	168,403	24.1	8.8	0.5	516,856	14.9
2004	336,466	16.2	138,953	15.9	8.9	0.4	793,339	14.5
2003	440,234	15.3	179,348	17.7	8.3	0.4	730,095	9.1
2002	352,156	24.5	119,825	26.8	7.7	0.3	581,059	12.7
2001	339,782	13.4	124,776	14.0	8.3	0.4	576,938	8.0
2000	464,645	23.4	180,051	21.5	8.7	0.4	792,351	8.9
1999	294,748	15.2	113,863	15.5	8.4	0.4	671,740	10.8
1998	328,756	12.3	114,285	13.2	8.1	0.3	721,369	8.2
1997	574,806	14.5	237,192	16.3	8.8	0.4	810,099	7.6
1996	389,750	8.5	296,342	67.5	8.5	0.8	807,257	6.5



**Figure 40. Pigfish recreational catch by state, 2015.**

**Table 72. Pigfish recreational catch by state, 2015.**

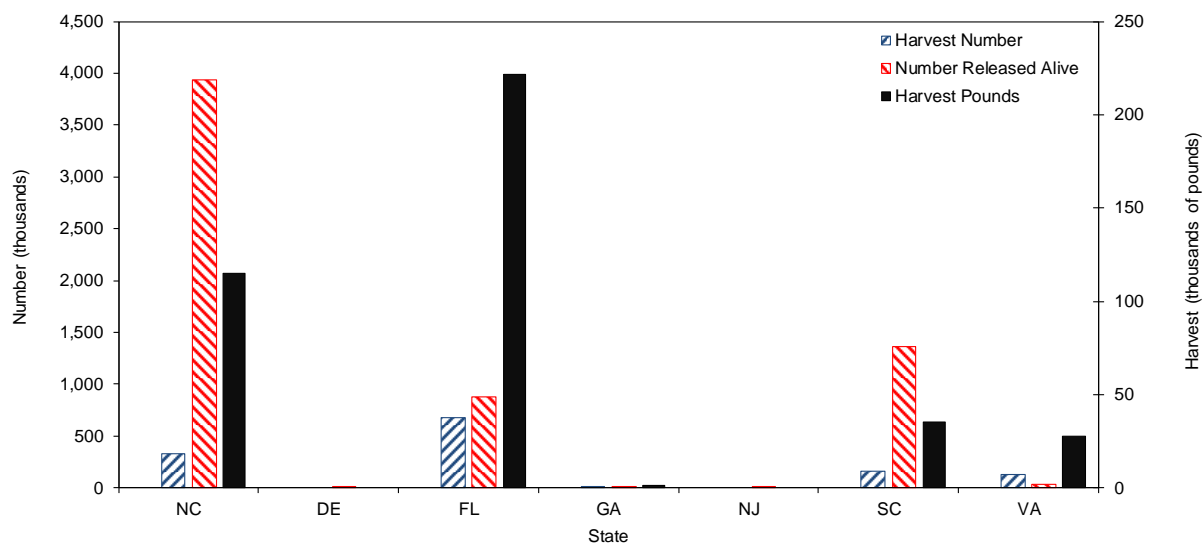
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	508,767	24.4	177,093	24.3	1,094,896	13.9	8.2	0.3
Florida	79,293	28.9	36,435	30.2	232,422	32.2	8.7	0.4
Georgia	2,901	47.6	1,112	51.0	42,856	61.3	8.1	0.4
Maryland	269	101.3	87	101.3	135	101.3	7.7	0.3
South Carolina	24,516	44.8	7,735	43.4	47,249	29.6	7.9	0.3
Virginia	126,851	57.5	26,826	51.6	215,743	38.3	7.0	0.2



**Figure 41. Pinfish recreational catch in North Carolina by year.**

**Table 73. Pinfish recreational catch in North Carolina by year.**

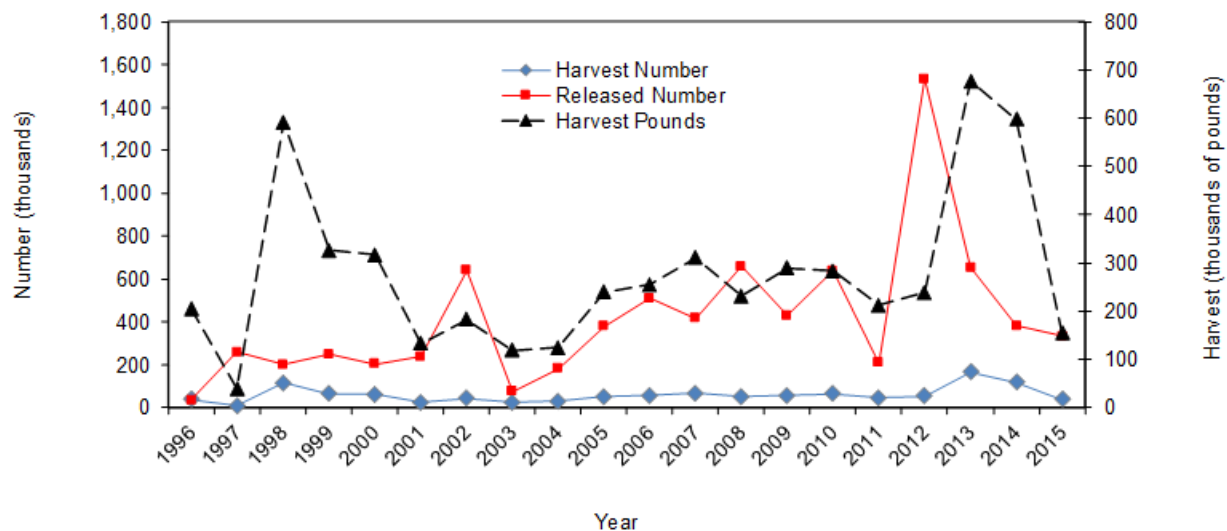
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	333,330	16.1	115,132	27.6	7.3	0.3	3,932,555	10.5
2014	332,185	15.5	74,085	16.6	6.2	0.2	4,528,582	9.9
2013	355,871	14.0	61,148	14.6	6.4	0.2	3,156,289	9.0
2012	259,674	13.4	40,471	12.3	5.8	0.2	3,126,871	7.9
2011	143,300	14.8	27,601	15.6	6.5	0.2	1,881,265	8.4
2010	218,975	13.5	35,308	13.3	6.0	0.2	3,239,365	7.7
2009	145,255	19.1	36,159	19.5	6.5	0.2	2,015,139	10.7
2008	243,610	19.9	56,422	19.5	6.7	0.2	2,730,677	11.0
2007	106,341	26.1	19,993	25.2	6.8	0.2	2,805,765	10.2
2006	180,624	26.3	45,916	25.8	7.1	0.3	3,702,152	13.4
2005	168,649	22.3	45,869	23.5	6.9	0.3	2,063,679	12.6
2004	256,954	42.9	50,198	39.3	6.2	0.2	3,685,091	10.7
2003	219,254	15.3	73,327	18.0	7.4	0.3	2,888,515	6.3
2002	167,760	16.6	37,235	17.4	7.0	0.2	3,223,582	7.3
2001	306,888	15.7	82,947	16.9	7.3	0.3	2,682,751	6.8
2000	404,751	18.3	164,604	21.8	7.2	0.4	2,890,354	6.7
1999	310,932	20.1	83,391	19.9	7.5	0.3	2,016,041	7.7
1998	176,640	13.6	44,594	14.3	7.2	0.3	2,454,672	6.3
1997	307,734	13.9	87,048	14.2	7.6	0.3	2,437,697	6.5
1996	282,947	13.0	76,292	13.4	7.7	0.3	1,758,891	6.7



**Figure 42. Pinfish recreational catch by state, 2015.**

**Table 74. Pinfish recreational catch by state, 2015.**

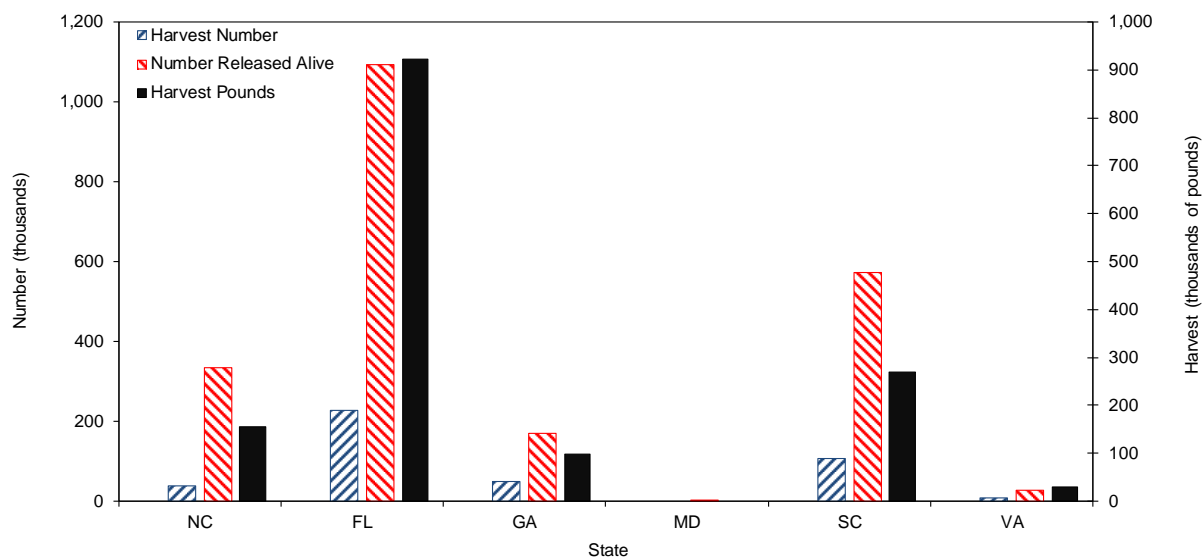
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	333,330	16.1	115,132	27.6	3,932,555	10.5	7.3	0.3
Delaware	-	-	-	-	13	98.9	-	-
Florida	673,667	20.4	221,806	19.2	878,112	18.7	7.0	0.3
Georgia	11,005	70.4	1,487	60.9	11,128	38.6	5.3	0.1
New Jersey	-	-	-	-	819	99.4	-	-
South Carolina	162,773	40.7	35,197	36.2	1,366,246	19.2	6.6	0.2
Virginia	124,968	26.8	27,550	26.8	29,897	36.5	6.5	0.2



**Figure 43. Red drum recreational catch in North Carolina by year.**

**Table 75. Red drum recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	36,704	19.1	154,496	20.5	21.3	4.2	334,510	17.5
2014	116,601	16.8	596,447	15.7	22.9	5.1	382,663	13.5
2013	164,218	10.9	676,050	11.4	21.3	4.1	654,030	11.9
2012	52,948	12.6	238,312	13.0	21.5	4.5	1,533,010	11.1
2011	45,143	15.0	212,245	16.3	21.8	4.7	207,697	14.3
2010	64,024	10.7	283,286	10.7	21.4	4.4	635,876	11.0
2009	57,543	14.8	288,958	15.5	22.7	5.0	429,776	15.1
2008	50,809	16.7	231,551	17.5	21.8	4.6	658,887	12.5
2007	66,789	13.1	310,715	12.7	22.1	4.7	416,352	12.9
2006	55,714	15.9	254,214	16.5	21.6	4.6	510,264	15.8
2005	51,807	21.3	239,393	23.3	22.1	4.6	378,541	24.0
2004	30,017	24.9	124,637	26.5	21.2	4.2	181,252	13.4
2003	25,481	16.5	118,809	17.5	21.8	4.7	75,561	15.0
2002	42,541	15.4	182,227	17.4	21.1	4.3	640,857	10.7
2001	23,142	15.9	132,580	16.8	23.1	5.7	238,552	13.7
2000	61,618	12.9	316,032	12.5	22.7	5.1	203,967	14.2
1999	64,739	14.5	326,307	15.2	22.5	5.0	247,146	10.3
1998	114,638	12.1	591,435	12.5	22.4	5.2	199,701	11.3
1997	8,749	25.7	39,078	28.1	20.3	4.5	259,570	10.6
1996	36,746	15.0	204,557	16.0	21.1	5.6	35,752	17.9



**Figure 44. Red drum recreational catch by state, 2015.**

**Table 76. Red drum recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	36,704	19.1	154,496	20.5	334,510	17.5	21.3	4.2
Florida	227,014	12.2	922,065	12.2	1,094,215	10.8	20.9	3.9
Georgia	48,172	28.0	97,690	25.9	168,338	31.1	16.4	2.0
Maryland	-	-	-	-	779	101.8	-	-
South Carolina	106,620	37.7	269,787	39.0	571,433	24.7	18.0	2.5
Virginia	7,792	25.6	29,339	25.7	25,835	27.6	21.0	3.8

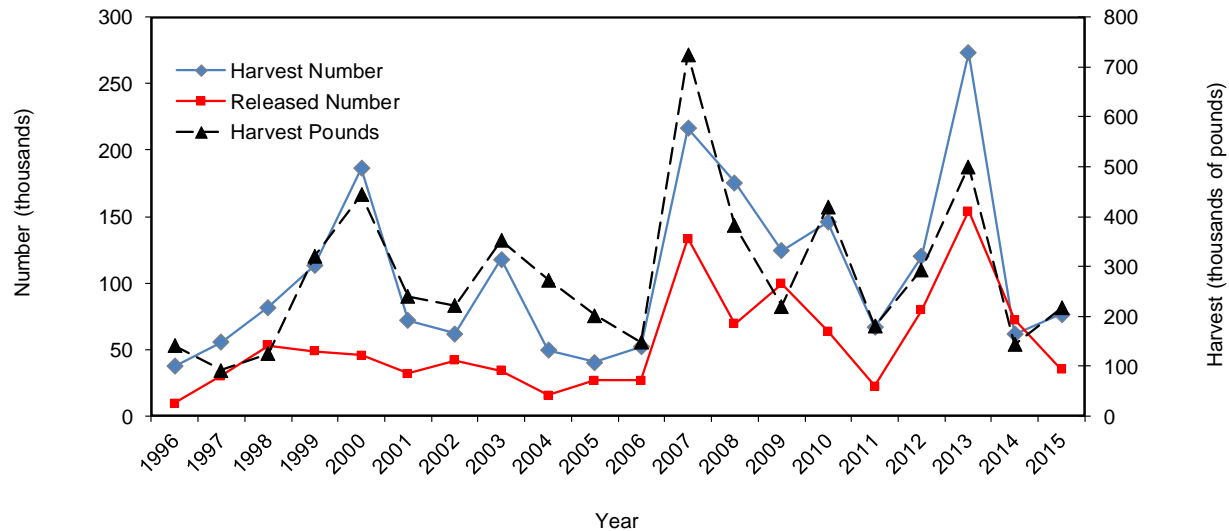
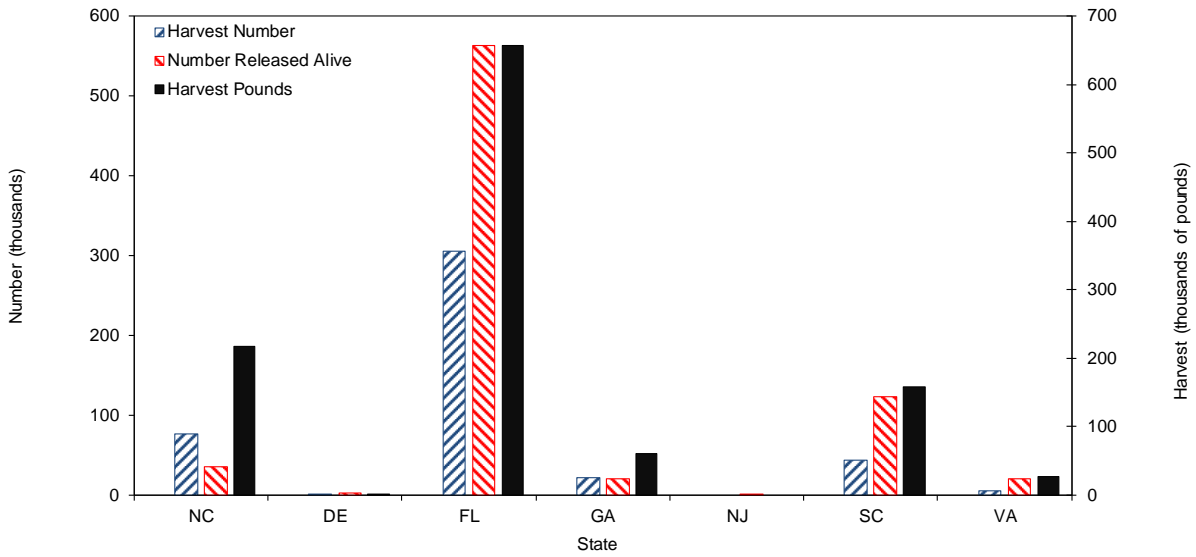


Figure 45. Sheephead recreational catch in North Carolina by year.

Table 77. Sheephead recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	76,496	22.3	217,148	22.0	14.1	2.8	34,908	21.9
2014	61,379	21.0	143,782	22.8	13.2	2.3	72,520	20.3
2013	273,211	18.1	500,096	14.5	11.8	1.8	154,083	23.4
2012	119,899	16.3	293,570	19.6	13.0	2.4	79,668	18.7
2011	66,689	23.7	180,145	26.9	14.0	2.7	22,623	27.8
2010	145,873	16.3	420,108	17.3	14.3	2.9	63,557	18.7
2009	124,328	21.6	220,237	23.8	11.7	1.8	99,500	24.8
2008	175,412	24.2	381,995	28.7	12.5	2.2	69,537	23.4
2007	216,529	28.9	725,623	26.8	15.4	3.4	133,565	29.1
2006	52,038	24.9	148,454	26.9	14.2	2.9	26,776	38.9
2005	40,484	36.3	202,654	41.1	17.8	5.0	26,536	75.0
2004	49,497	25.3	272,799	28.5	17.3	5.5	15,513	36.7
2003	117,757	23.3	352,125	21.4	14.0	3.0	34,196	24.7
2002	62,088	23.9	221,146	22.6	15.1	3.6	41,621	21.0
2001	71,831	23.4	240,412	24.1	15.2	3.3	32,002	26.7
2000	186,194	18.3	444,711	18.9	13.7	2.4	45,473	25.1
1999	113,365	21.8	320,824	25.2	14.3	2.8	48,654	21.8
1998	81,890	20.8	125,056	21.4	11.4	1.5	52,820	24.0
1997	55,521	26.3	91,649	25.4	11.3	1.7	29,966	19.6
1996	37,600	21.0	141,780	24.1	15.0	3.8	9,431	28.9





**Figure 46. Sheepshead recreational catch by state, 2015.**

**Table 78. Sheepshead recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	76,496	22.3	217,148	22.0	34,908	21.9	14.1	2.8
Delaware	342	70.2	913	72.6	2,666	77.2	13.9	2.7
Florida	305,663	30.8	656,168	28.5	563,468	28.9	13.3	2.1
Georgia	22,094	37.1	60,744	40.9	20,525	43.4	14.2	2.7
New Jersey	-	-	-	-	1,117	101.9	-	-
South Carolina	43,976	37.0	157,340	37.2	123,802	37.2	15.7	3.6
Virginia	5,258	52.9	26,183	51.7	20,099	77.5	17.4	5.0

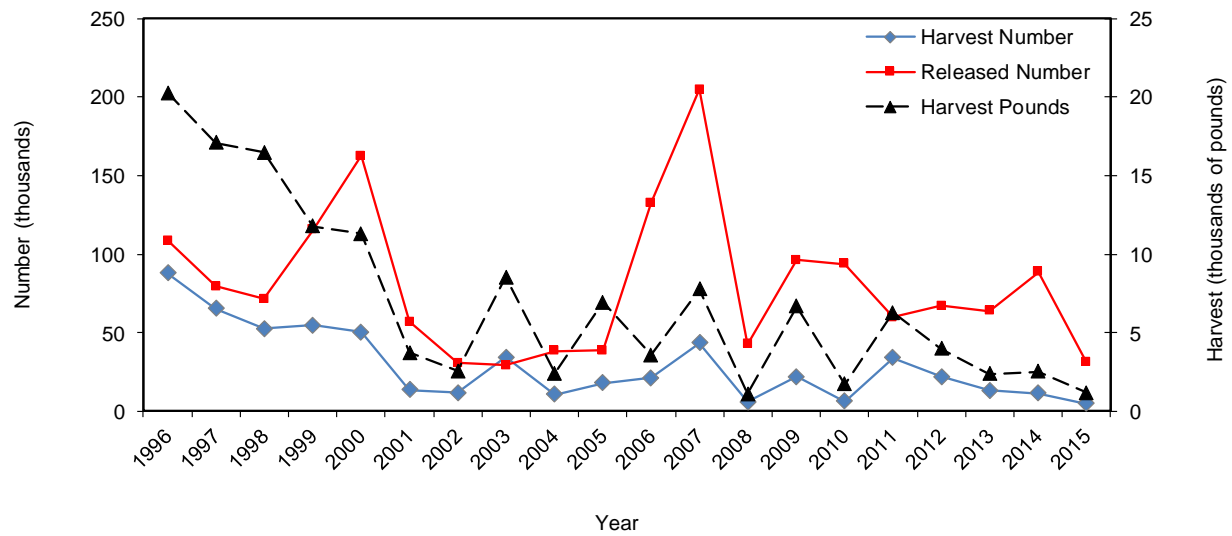
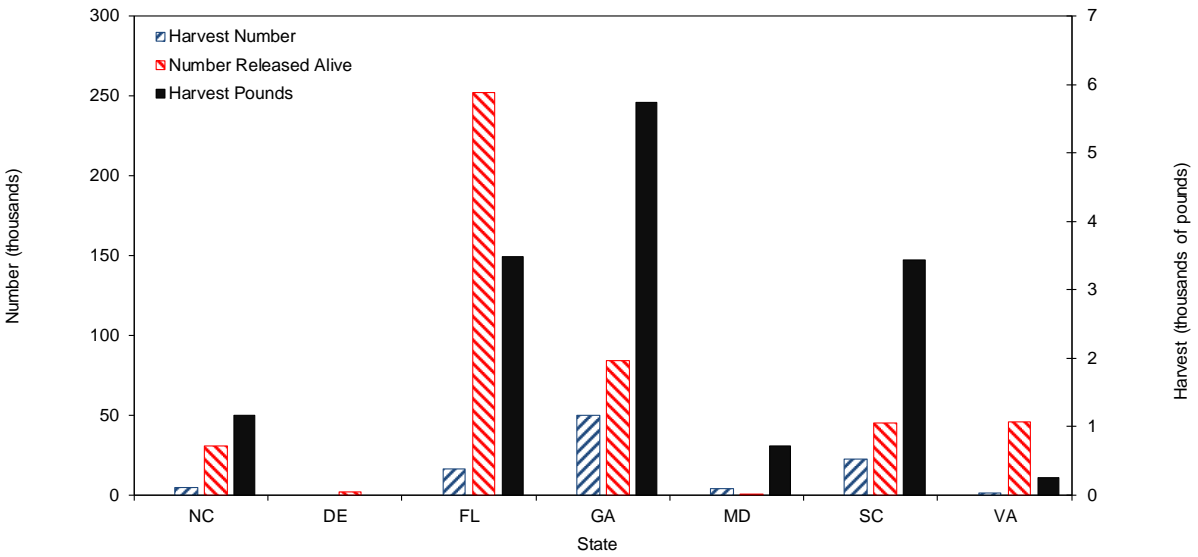


Figure 47. Silver perch recreational catch in North Carolina by year.

Table 79. Silver perch recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	4,849	37.2	1,161	37.1	7.3	0.2	30,960	39.9
2014	11,519	51.6	2,519	45.5	7.4	0.2	88,797	50.1
2013	13,345	33.6	2,366	33.7	6.8	0.2	63,852	30.5
2012	22,053	44.3	3,988	44.1	7.1	0.2	67,183	22.3
2011	33,909	58.9	6,261	62.3	7.1	0.2	59,694	25.7
2010	6,460	41.6	1,736	41.0	7.6	0.3	93,614	34.7
2009	22,143	47.8	6,680	51.0	7.9	0.3	96,145	63.1
2008	5,968	37.1	1,101	38.1	7.7	0.2	42,666	40.4
2007	43,499	39.5	7,775	40.7	6.6	0.2	204,682	24.6
2006	21,131	41.7	3,569	38.5	7.8	0.2	132,668	29.7
2005	17,987	68.3	6,915	66.2	8.5	0.4	38,710	43.9
2004	10,840	32.4	2,429	33.0	8.1	0.2	38,440	32.4
2003	34,178	49.5	8,518	49.5	8.2	0.2	29,365	26.7
2002	11,675	40.6	2,576	40.7	7.3	0.2	30,836	21.7
2001	13,748	52.2	3,720	49.3	7.5	0.3	57,009	33.0
2000	50,259	42.4	11,294	40.8	8.1	0.2	162,645	35.7
1999	54,898	25.6	11,791	25.8	7.4	0.2	115,409	21.6
1998	52,571	32.1	16,461	36.2	8.2	0.3	71,356	22.5
1997	65,145	23.1	17,105	22.9	8.1	0.3	79,410	19.4
1996	88,044	24.8	20,259	24.6	8.2	0.2	108,662	14.8

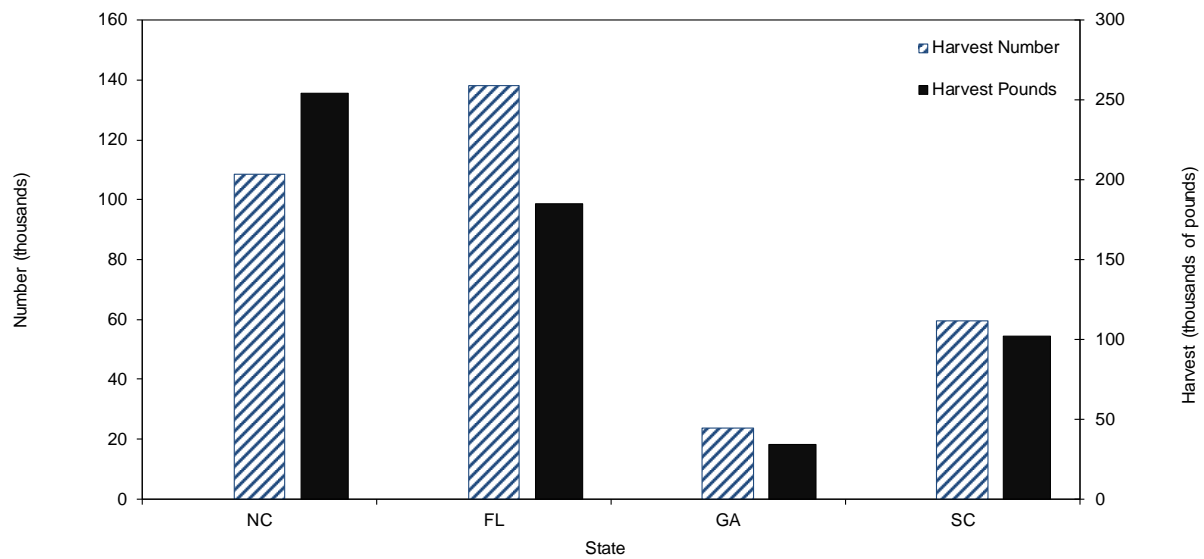


**Figure 48. Silver perch recreational catch by state, 2015.**

**Table 80. Silver perch recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (Rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	4,849	37.2	1,161	37.1	30,960	39.9	7.3	0.2
Delaware	-	-	-	-	2,017	104.2	-	-
Florida	16,559	71.4	3,487	71.9	251,924	59.5	7.5	0.2
Georgia	50,116	46.2	5,737	45.2	84,183	31.9	6.5	0.1
Maryland	3,929	70.1	711	67.4	437	69.2	7.5	0.2
South Carolina	22,838	47.5	3,439	45.3	45,178	50.0	7.2	0.2
Virginia	1,556	98.6	259	99.4	45,871	47.3	6.7	0.2





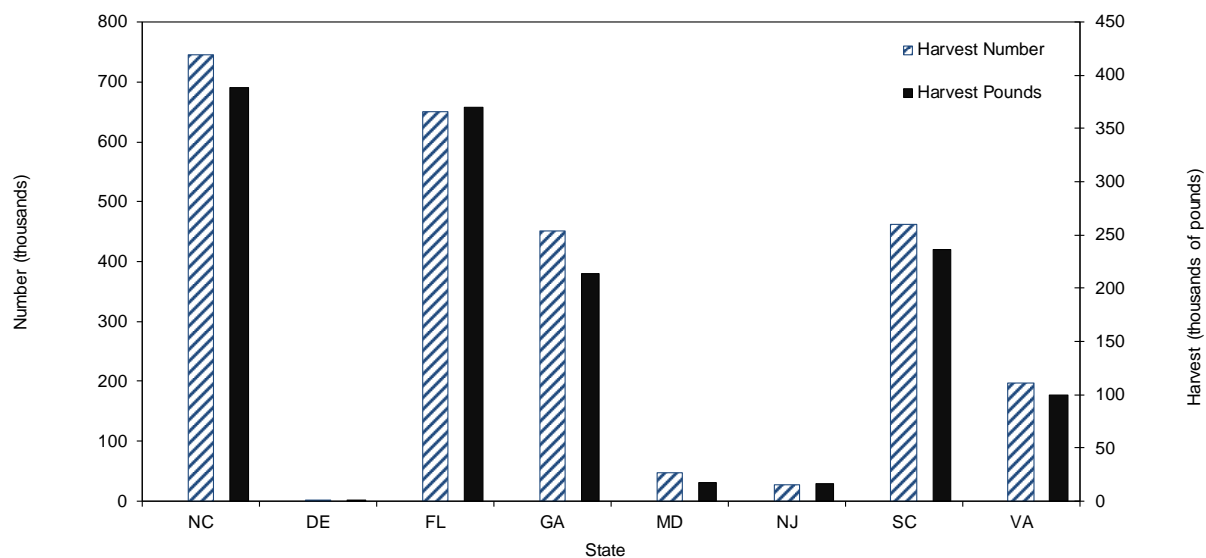
**Figure 50. Southern flounder recreational catch by state, 2015.**

**Table 82. Southern flounder recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive*	PSE (rel)*	Mean Length (inches)	Mean Weight (lb)
North Carolina	108,369	17.6	254,132	17.3	-	-	17.3	2.3
Florida	138,041	24.3	185,034	22.5	-	-	14.8	1.3
Georgia	23,753	23.7	33,926	26.1	-	-	14.7	1.4
South Carolina	59,460	31.0	102,034	32.7	-	-	16.1	1.7

\* Released flounder are not always recorded to species level.





**Figure 52. Southern kingfish recreational catch by state, 2015.**

**Table 84. Southern kingfish recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive*	PSE (rel)*	Mean Length (inches)	Mean Weight (lb)
North Carolina	745,257	37.4	388,590	35.2	-	-	10.8	0.5
Delaware	1,298	74.4	1,100	77.2	-	-	12.1	0.8
Florida	649,854	35.0	369,658	42.0	-	-	11.1	0.6
Georgia	450,969	27.3	214,051	27.4	-	-	10.3	0.5
Maryland	48,046	83.7	17,465	81.9	-	-	9.6	0.4
New Jersey	26,489	55.5	16,791	53.5	-	-	11.6	0.6
South Carolina	462,271	24.0	236,788	24.8	-	-	10.8	0.5
Virginia	197,442	29.6	99,532	30.0	-	-	10.8	0.5

\* Released kingfish are not always recorded to species level.





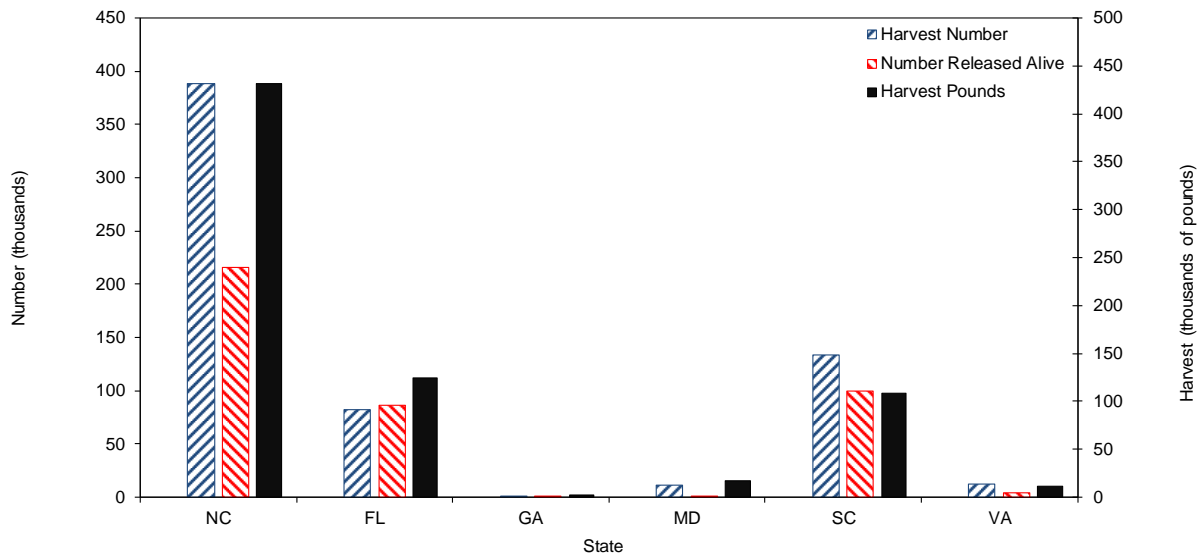
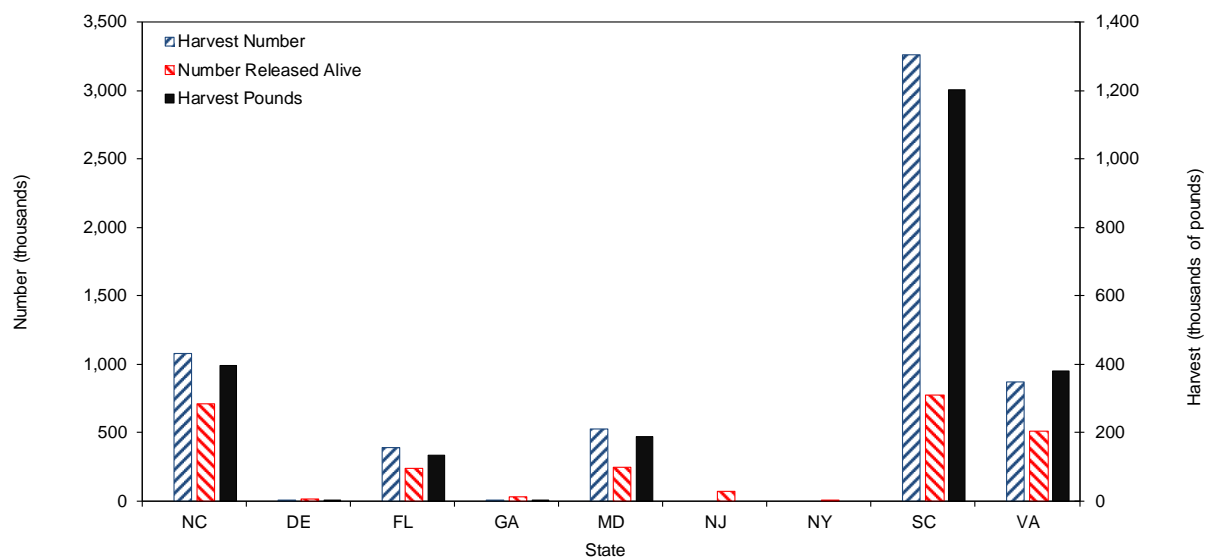


Figure 54. Spanish mackerel recreational catch by state, 2015.

Table 86. Spanish mackerel recreational catch by state, 2015.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	388,157	12.2	431,082	12.0	216,011	17.3	14.5	1.1
Florida	82,064	28.1	124,199	25.9	85,973	28.3	15.6	1.3
Georgia	527	95.8	1,879	96.2	466	60.0	22.9	3.6
Maryland	11,366	26.6	16,820	42.0	357	94.0	15.7	1.5
South Carolina	133,446	44.4	108,423	48.5	99,530	32.0	13.5	0.8
Virginia	12,072	44.6	10,746	43.9	4,224	59.2	14.0	0.9





**Figure 56. Spot recreational catch by state, 2015.**

**Table 88. Spot recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	1,081,083	28.0	395,268	29.1	708,122	14.5	8.2	0.4
Delaware	10,277	46.4	3,274	47.4	11,404	46.3	7.5	0.3
Florida	391,653	36.8	134,444	37.6	238,078	38.6	8.2	0.3
Georgia	1,800	56.9	575	58.5	34,884	41.9	8.1	0.3
Maryland	524,079	31.6	187,061	30.6	242,912	47.9	8.2	0.4
New Jersey	-	-	-	-	74,530	98.3	-	-
New York	-	-	-	-	512	103.0	-	-
South Carolina	3,258,544	23.1	1,202,646	24.4	772,410	23.7	8.1	0.4
Virginia	867,365	25.5	378,959	28.3	509,194	34.1	8.5	0.4



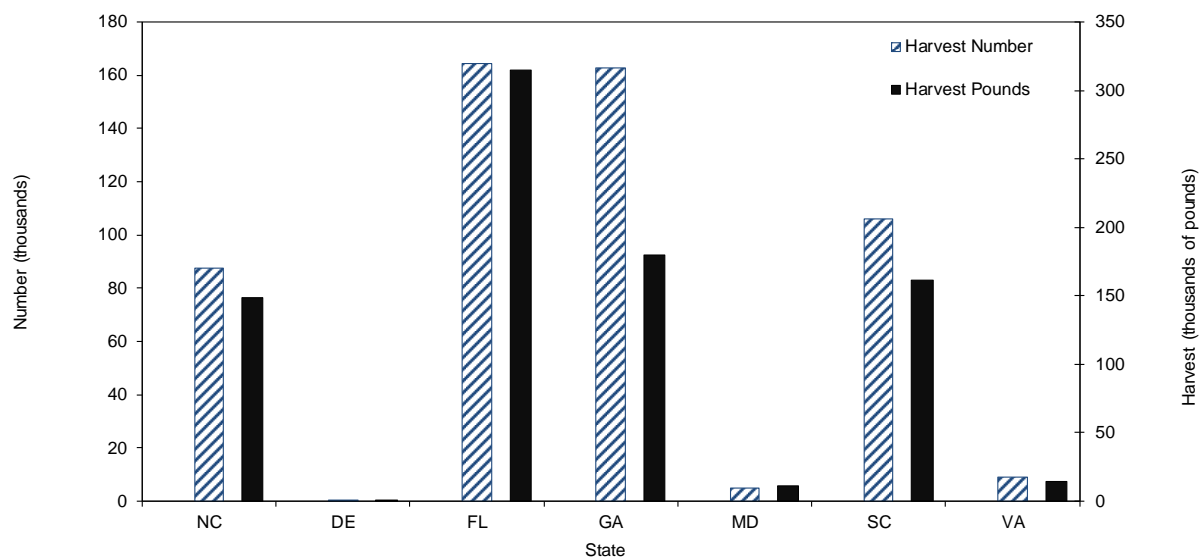


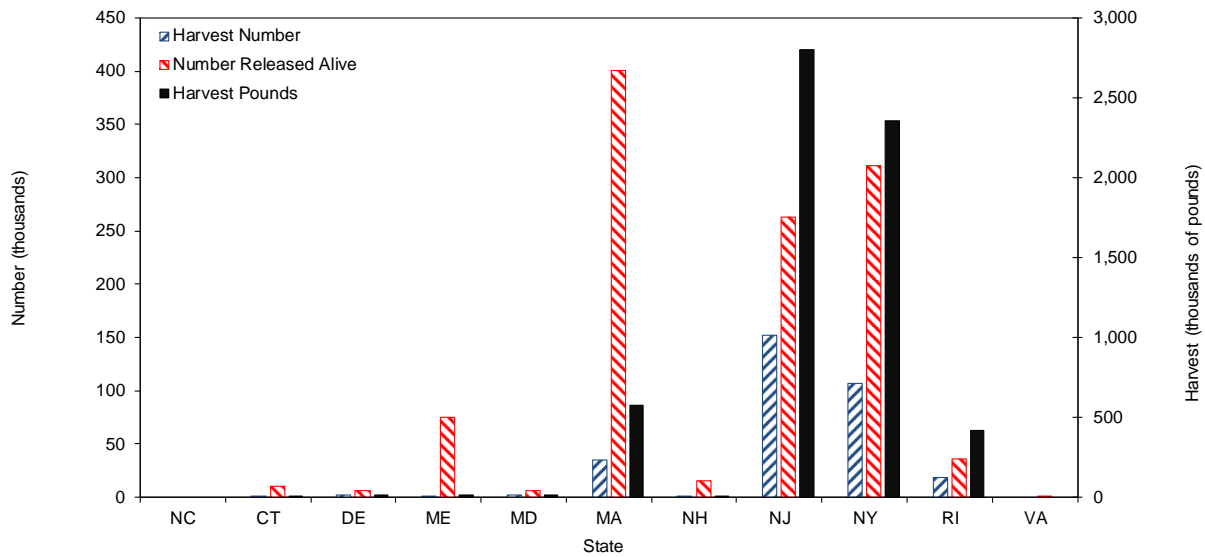
Figure 58. Spotted seatrout recreational catch by state, 2015.

Table 90. Spotted seatrout recreational catch by state, 2015.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive*	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	87,396	22.2	148,926	23.1	-	-	16.7	1.7
Delaware	25	20.9	6	20.9	-	-	9.1	0.3
Florida	164,248	13.0	314,993	13.8	-	-	16.8	1.6
Georgia	162,772	21.4	179,911	21.6	-	-	14.4	1.1
Maryland	4,870	66.5	10,972	70.1	-	-	17.9	2.3
South Carolina	106,216	23.9	161,394	23.1	-	-	16.0	1.5
Virginia	9,043	50.4	14,661	46.9	-	-	15.8	1.6

\* Released seatrout are not always recorded to species level.





**Figure 60. Striped bass Atlantic Ocean recreational catch by state, 2015.**

**Table 92. Striped bass Atlantic Ocean recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	-	-	-	-	-	-	-	-
Connecticut	494	101.9	4,680	101.9	10,594	99.1	34.8	19.2
Delaware	1,528	100.2	9,828	100.2	6,226	58.8	27.6	11.2
Maine	741	44.2	10,483	46.7	74,673	32.5	30.9	13.5
Maryland	1,761	79.4	13,848	91.8	5,568	104.6	24.4	7.6
Massachusetts	34,640	22.1	575,191	23.3	401,022	31.4	32.8	15.8
New Hampshire	355	63.2	6,913	64.1	15,557	39.8	33.5	16.8
New Jersey	151,648	20.3	2,800,727	20.2	262,860	30.2	34.2	18.1
New York	106,798	32.7	2,353,520	33.3	311,607	57.2	36.2	22.3
Rhode Island	18,771	20.5	414,737	20.9	35,727	31.3	35.0	20.0
Virginia	-	-	-	-	989	56.7	20.8	4.5





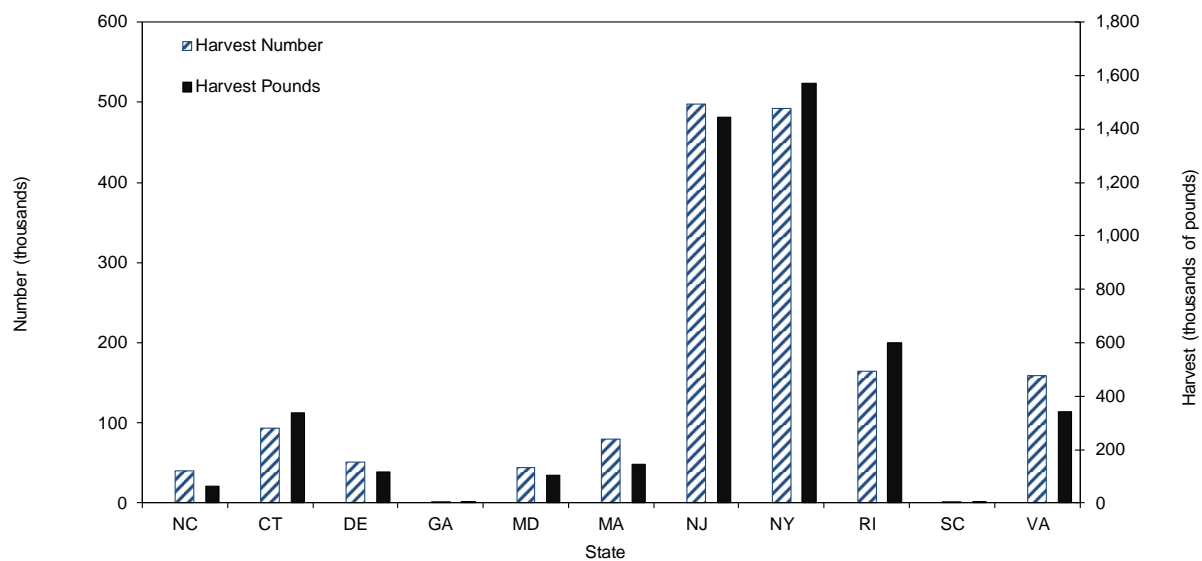


Figure 62. Summer flounder recreational catch by state, 2015.

Table 94. Summer flounder recreational catch by state, 2015.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive*	PSE (rel)*	Mean Length (inches)	Mean Weight (lb)
North Carolina	40,561	23.1	64,065	23.5	-	-	16.1	1.6
Connecticut	93,130	28.9	337,194	30.1	-	-	21.2	3.6
Delaware	51,450	13.9	114,638	14.7	-	-	18.1	2.2
Georgia	2,014	48.6	2,632	49.6	-	-	14.2	1.3
Maryland	44,437	27.9	103,613	31.7	-	-	18.2	2.3
Massachusetts	79,109	34.5	146,532	27.5	-	-	16.6	1.9
New Jersey	497,482	11.1	1,442,827	11.0	-	-	19.5	2.9
New York	492,120	16.2	1,569,139	15.8	-	-	19.9	3.3
Rhode Island	164,028	24.9	600,597	27.9	-	-	19.6	3.7
South Carolina	253	101.1	209	101.1	-	-	13.9	0.8
Virginia	159,168	25.0	342,545	23.9	-	-	17.7	2.2

\* Released flounder are not always recorded to species level.

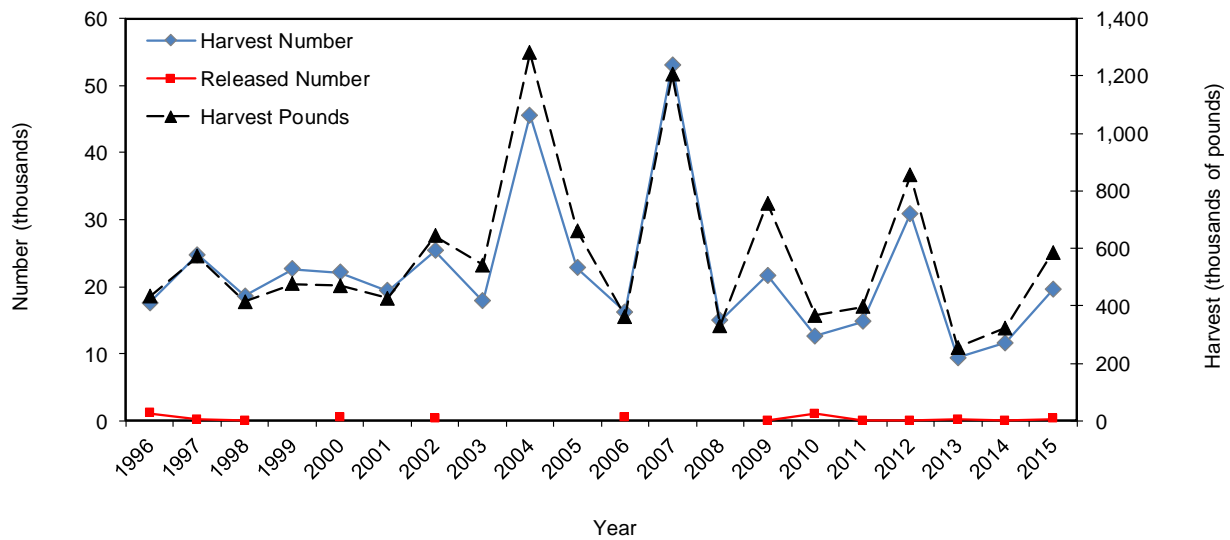
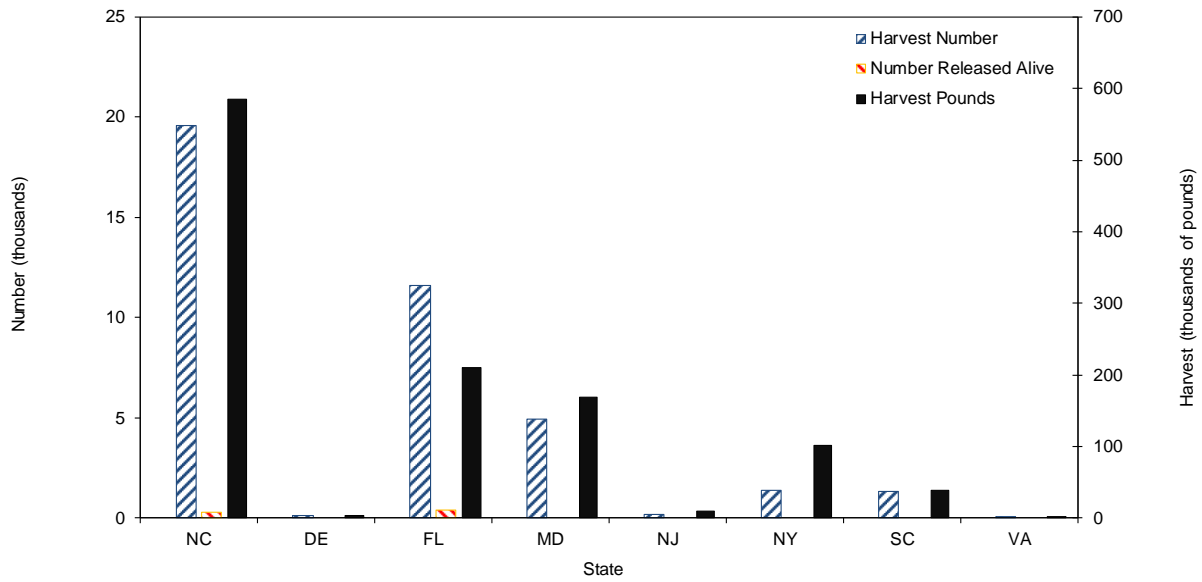


Figure 63. Wahoo recreational catch in North Carolina by year.

Table 95. Wahoo recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	19,561	24.8	584,670	23.7	50.0	29.9	306	101.2
2014	11,639	20.9	322,468	20.6	48.9	27.7	27	102.7
2013	9,370	22.7	255,306	21.6	48.5	27.2	164	93.2
2012	30,885	15.0	854,568	15.4	48.8	27.7	14	99.5
2011	14,798	20.6	396,775	22.6	48.0	26.8	33	101.1
2010	12,610	17.5	365,697	19.4	49.1	29.0	1,021	68.3
2009	21,654	49.2	756,069	62.2	51.8	34.9	51	97.9
2008	14,987	21.9	330,169	22.5	45.9	22.0	-	-
2007	53,057	46.6	1,203,563	58.5	46.2	22.7	-	-
2006	16,230	20.3	362,975	20.8	45.1	22.4	495	62.7
2005	22,786	31.6	661,261	36.5	48.7	29.0	-	-
2004	45,589	50.7	1,279,896	49.2	48.6	28.1	-	-
2003	17,851	27.9	540,884	32.6	48.9	30.3	-	-
2002	25,336	11.9	642,901	13.7	46.9	25.4	319	82.6
2001	19,392	14.4	425,600	14.6	46.0	21.9	-	-
2000	22,137	15.3	470,836	14.6	45.0	21.3	531	100.0
1999	22,601	12.4	476,766	13.3	44.9	21.1	-	-
1998	18,574	12.4	414,761	12.3	45.3	22.3	62	100.0
1997	24,770	13.8	571,112	14.0	45.8	23.1	159	70.8
1996	17,580	12.0	432,037	13.2	47.2	24.6	1,092	50.0



**Figure 64. Wahoo recreational catch by state, 2015.**

**Table 96. Wahoo recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	19,561	24.8	584,670	23.7	306	101.2	50.0	29.9
Delaware	117	73.1	3,042	73.1	-	-	48.0	26.0
Florida	11,579	24.2	210,848	21.3	405	95.3	41.1	17.9
Maryland	4,937	72.8	168,160	71.2	-	-	52.6	34.1
New Jersey	173	101.9	9,812	101.9	-	-	63.1	56.8
New York	1,406	91.2	101,351	91.2	-	-	68.2	72.1
South Carolina	1,337	86.1	38,273	82.7	-	-	50.3	28.6
Virginia	32	100.0	715	100.0	-	-	46.1	22.6

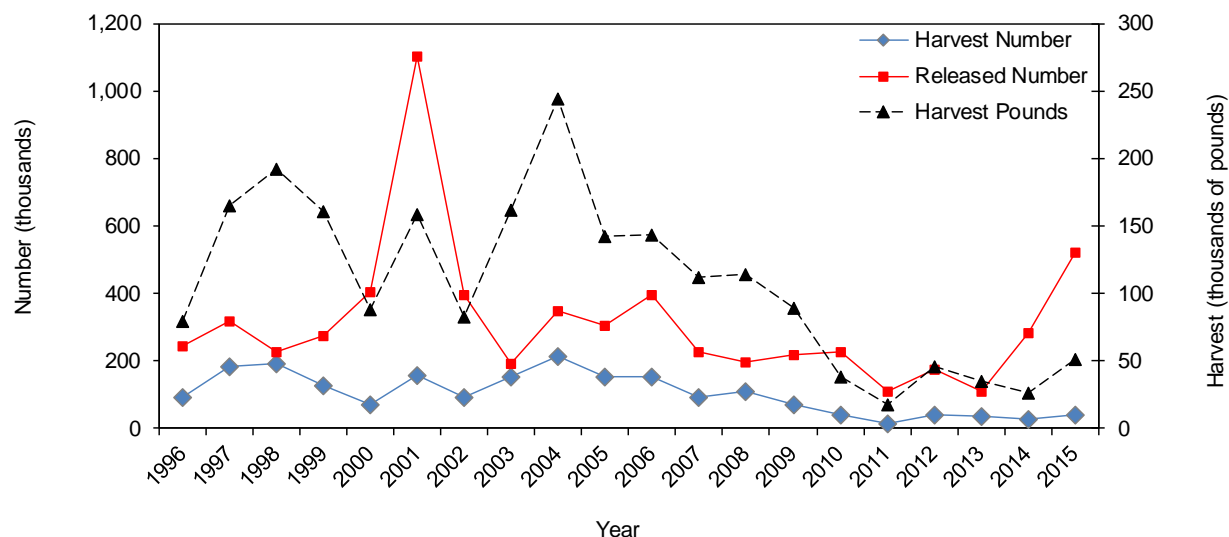
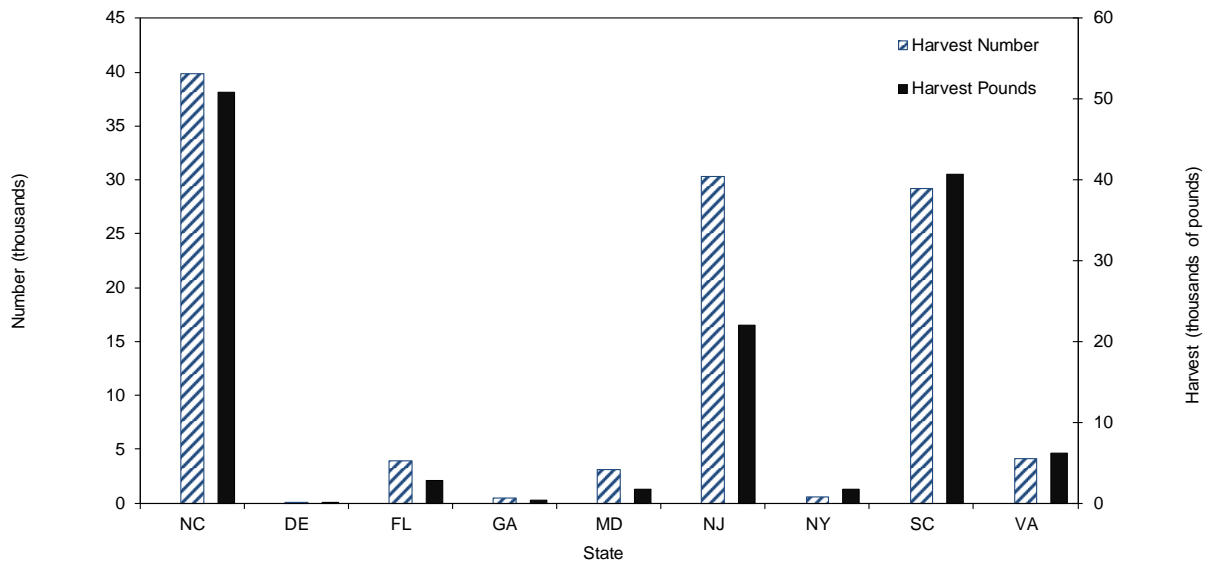


Figure 65. Weakfish recreational catch in North Carolina by year.

Table 97. Weakfish recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number*	PSE* (release)
2015	39,842	24.6	50,903	26.2	14.7	1.3	520,782	-
2014	26,308	17.6	25,957	17.7	13.9	1.0	281,335	-
2013	33,851	28.1	34,731	26.6	14.0	1.0	111,524	-
2012	40,299	17.4	46,081	22.6	14.5	1.1	173,843	-
2011	13,464	24.8	17,621	25.0	14.8	1.3	111,574	-
2010	41,598	15.0	38,721	15.4	13.6	0.9	225,246	-
2009	68,553	24.9	89,652	34.6	15.1	1.3	220,121	-
2008	108,389	24.5	114,192	27.4	14.0	1.1	195,776	-
2007	94,398	19.8	111,754	22.3	14.5	1.2	226,601	-
2006	151,502	16.7	143,525	19.1	13.9	0.9	395,893	-
2005	151,597	22.5	142,140	23.8	14.0	0.9	306,707	-
2004	211,787	18.8	244,023	19.2	14.7	1.2	347,627	-
2003	153,753	16.0	161,476	16.4	14.2	1.1	190,532	-
2002	90,170	18.4	82,747	19.1	13.9	0.9	395,622	-
2001	158,605	17.6	158,425	18.2	14.3	1.0	1,105,712	-
2000	71,247	18.7	87,927	20.2	15.0	1.2	403,859	-
1999	127,163	14.5	161,292	15.0	15.2	1.3	272,574	-
1998	191,181	12.6	192,212	13.9	14.2	1.0	228,799	-
1997	184,954	9.9	165,034	9.9	13.6	0.9	319,711	-
1996	90,704	11.8	79,318	12.3	14.0	0.9	244,866	-

\* Seatrout releases are not always recorded to species; released number was calculated by assigning a ratio of observed seatrout by species to reported seatrout genus release estimates. PSEs are not available for this analysis.



**Figure 66. Weakfish recreational catch by state, 2015.**

**Table 98. Weakfish recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive*	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	39,842	24.6	50,903	26.2	-	-	14.7	1.3
Delaware	74	71.2	141	81.5	-	-	16.6	1.9
Florida	3,920	90.4	2,783	76.7	-	-	12.6	0.7
Georgia	492	75.2	384	71.5	-	-	12.9	0.8
Maryland	3,093	55.1	1,695	53.3	-	-	11.1	0.5
New Jersey	30,273	44.7	21,990	44.8	-	-	13.0	0.7
New York	620	73.5	1,713	73.4	-	-	19.1	2.8
South Carolina	29,215	29.8	40,626	40.2	-	-	15.5	1.4
Virginia	4,122	65.8	6,124	83.2	-	-	14.9	1.5

\* Released seatrout are not always recorded to species.

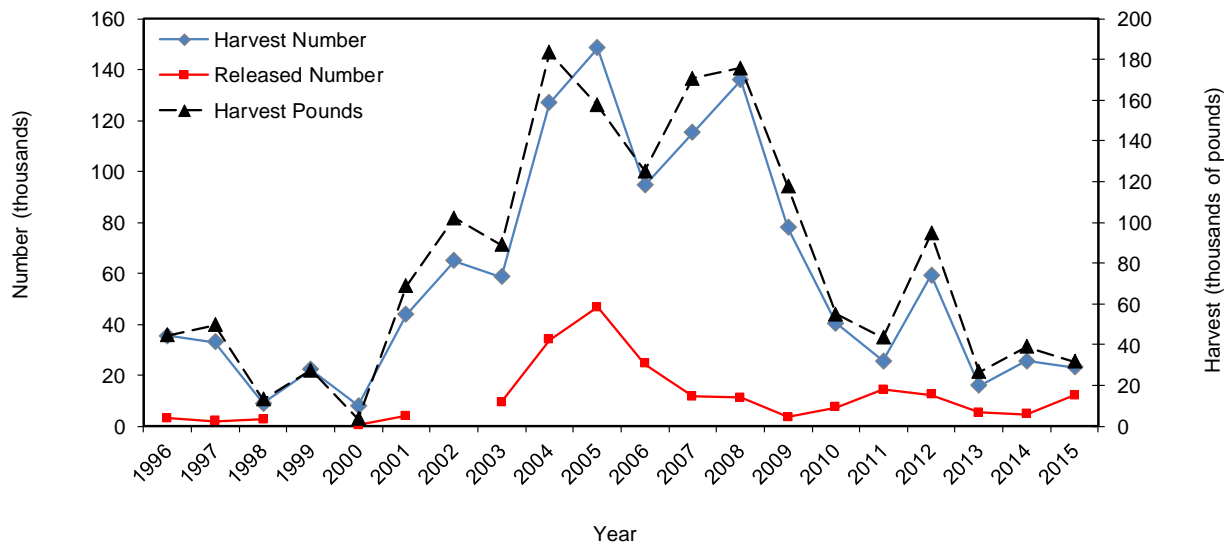
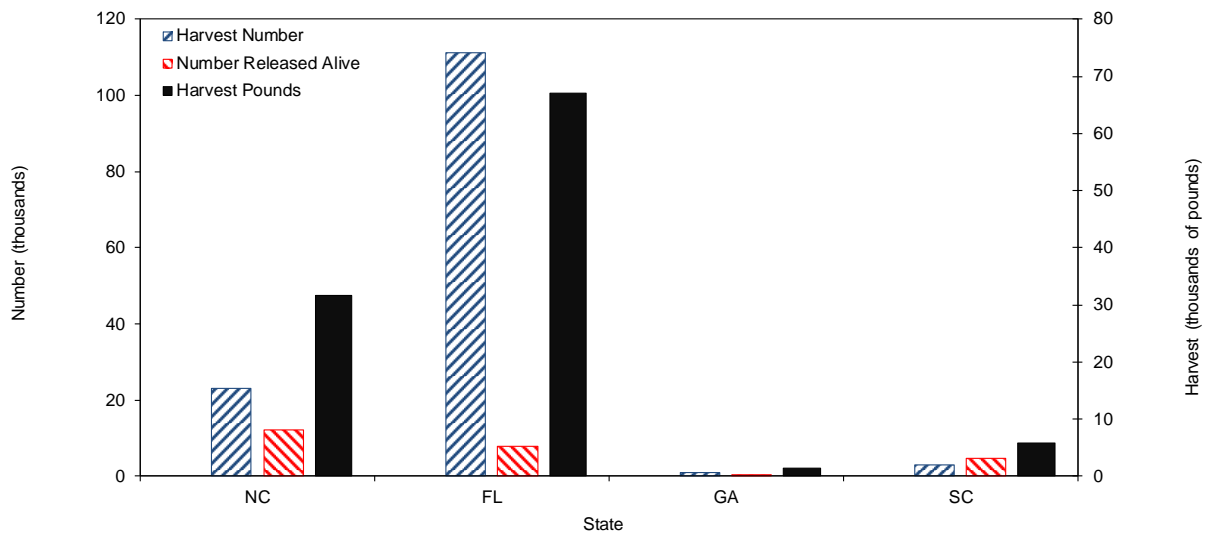


Figure 67. White grunt recreational catch in North Carolina by year.

Table 99. White grunt recreational catch in North Carolina by year.

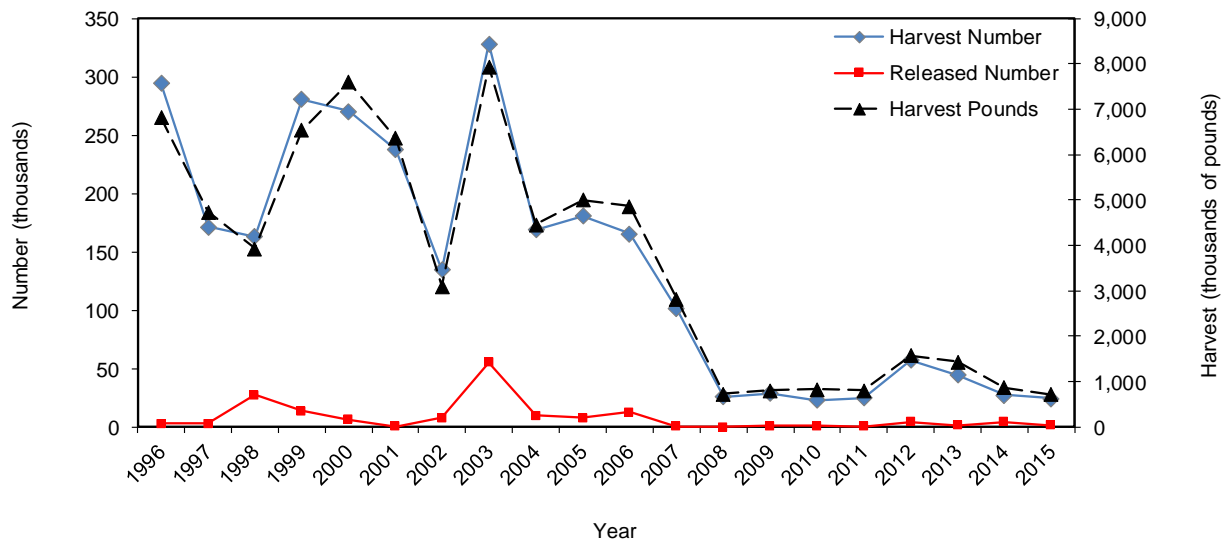
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	23,048	37.9	31,658	37.9	11.8	1.4	12,098	46.8
2014	25,543	39.0	39,005	38.7	12.4	1.5	4,659	59.2
2013	15,917	33.5	26,563	35.5	13.2	1.7	5,409	46.2
2012	59,382	32.3	94,601	32.5	12.6	1.6	12,379	63.7
2011	25,466	31.8	43,346	31.5	12.4	1.7	14,333	45.1
2010	40,324	46.3	54,889	43.3	11.7	1.4	7,448	47.1
2009	77,912	28.4	117,603	29.2	12.3	1.5	3,439	57.0
2008	135,868	30.6	175,864	32.5	12.0	1.3	11,201	83.2
2007	115,271	27.9	170,851	29.3	12.5	1.5	11,646	65.2
2006	94,544	35.7	125,204	34.9	11.8	1.3	24,509	80.1
2005	148,417	31.8	157,562	31.9	11.5	1.1	46,595	72.8
2004	126,809	29.9	183,409	29.4	12.3	1.4	33,786	68.1
2003	58,495	25.3	88,973	26.2	12.4	1.5	9,383	71.2
2002	64,785	25.1	102,271	25.8	13.4	1.6	-	-
2001	43,746	21.5	68,616	22.5	12.6	1.6	4,083	100.0
2000	8,109	86.5	3,622	89.7	-	0.4	401	100.0
1999	22,087	41.0	27,318	43.8	12.3	1.2	-	-
1998	8,819	42.0	13,126	44.0	12.9	1.5	2,635	59.4
1997	32,951	48.2	49,597	51.5	12.7	1.5	1,999	42.4
1996	35,426	25.0	44,682	27.0	12.6	1.3	3,158	50.4



**Figure 68. White grunt recreational catch by state, 2015.**

**Table 100. White grunt recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	23,048	37.9	31,658	37.9	12,098	46.8	11.8	1.4
Florida	111,261	30.1	67,127	29.7	7,743	40.4	10.3	0.9
Georgia	861	52.5	1,435	46.6	36	110.6	12.6	1.7
South Carolina	3,022	37.5	5,824	37.1	4,618	97.4	13.1	1.9



**Figure 69. Yellowfin tuna recreational catch in North Carolina by year.**

**Table 101. Yellowfin tuna recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2015	24,459	23.7	723,874	24.8	35.5	29.6	1,651	34.7
2014	27,248	20.3	873,536	20.4	36.9	32.1	4,190	28.1
2013	44,688	15.8	1,441,122	16.6	37.0	32.2	1,229	51.4
2012	57,100	21.7	1,579,260	21.3	35.1	27.7	4,328	43.7
2011	25,039	23.1	811,673	22.4	37.2	32.4	469	40.7
2010	23,251	17.0	828,571	17.5	39.1	35.6	765	58.9
2009	29,107	18.0	805,674	17.5	34.8	27.7	742	61.3
2008	25,773	30.6	728,761	30.4	34.8	28.3	220	75.2
2007	101,616	16.7	2,826,801	17.2	35.2	27.8	670	77.2
2006	165,852	14.0	4,863,989	14.0	35.5	29.3	12,733	35.5
2005	180,639	16.0	4,998,292	17.5	34.9	27.7	7,935	34.8
2004	169,101	17.6	4,464,468	16.4	34.1	26.4	9,833	25.9
2003	328,106	9.3	7,932,824	9.4	33.2	24.2	55,580	13.7
2002	134,921	16.6	3,097,977	16.8	32.6	23.0	7,796	21.3
2001	237,393	10.0	6,357,627	9.9	34.9	26.8	520	38.1
2000	270,545	10.1	7,601,188	10.0	35.3	28.1	6,189	25.7
1999	280,618	9.5	6,540,391	9.5	32.7	23.3	13,869	21.2
1998	163,058	10.2	3,932,220	10.2	33.2	24.1	27,202	12.8
1997	171,518	10.8	4,731,549	10.0	35.7	27.6	2,712	26.5
1996	294,330	10.1	6,821,612	9.6	33.0	23.2	3,072	21.0



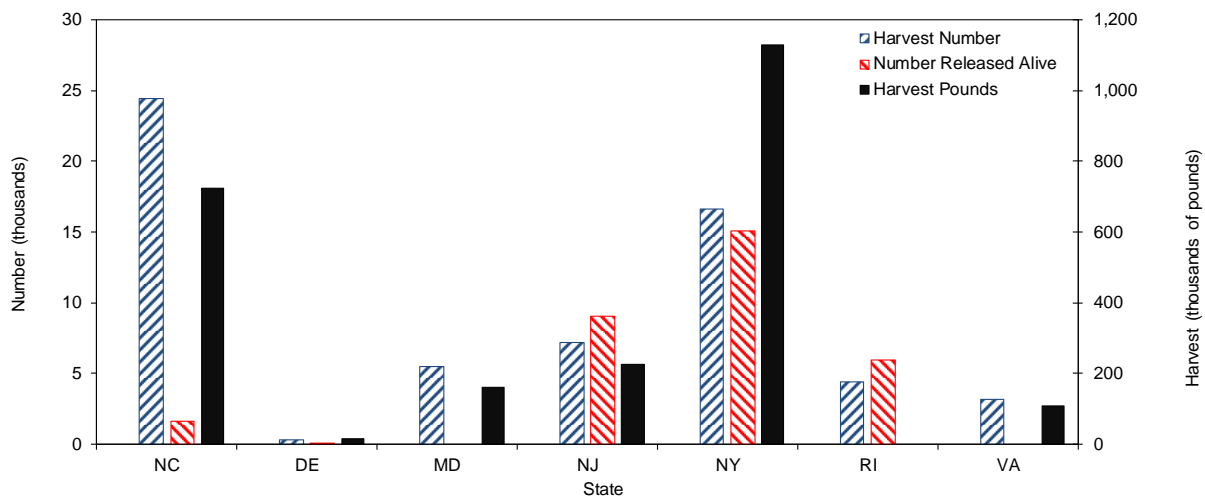
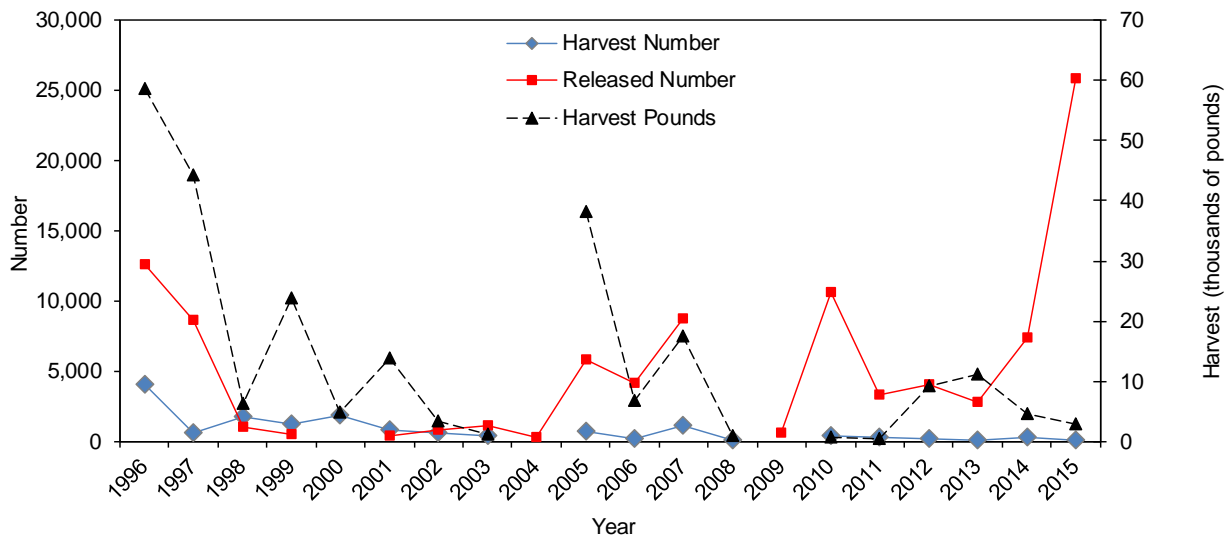


Figure 70. Yellowfin tuna recreational catch by state, 2015.

Table 102. Yellowfin tuna recreational catch by state, 2015.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)	Mean Weight (lb)
North Carolina	24,459	23.7	723,874	24.8	1,651	34.7	35.5	29.6
Delaware	344	74.8	15,588	83.3	64	74.3	37.7	45.3
Maryland	5,464	72.2	159,919	72.0	-	-	34.4	29.3
New Jersey	7,231	82.1	226,078	90.9	9,044	85.0	34.8	31.3
New York	16,620	44.6	1,127,967	46.6	15,061	77.6	46.5	67.9
Rhode Island	4,446	89.7	-	-	5,959	89.7	-	-
Virginia	3,212	63.4	107,385	68.2	-	-	36.9	33.4

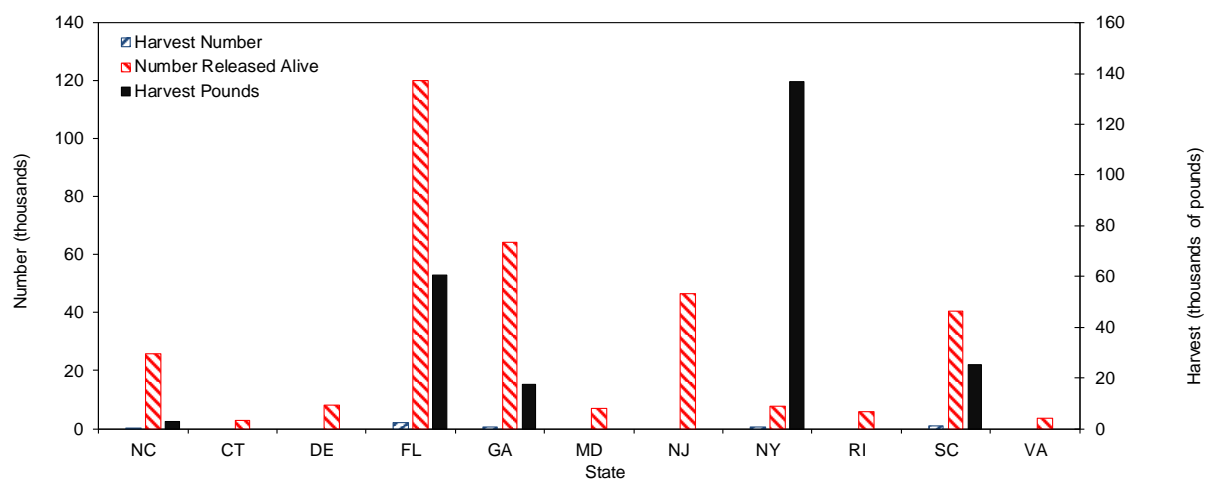


**Figure 71. Large coastal shark recreational catch in North Carolina by year.**

**Table 103. Large coastal shark recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)*	Mean Weight (lb)*	Released Number	PSE (release)
2015	9	99.7	-	-	-	-	25,866	51.0
2014	242	79.0	4,464	80.2	-	-	7,993	54.6
2013	59	113.4	11,128	113.4	-	-	2,776	35.1
2012	182	98.3	9,043	91.5	-	-	3,869	60.2
2011	305	99.9	471	99.9	-	-	3,342	77.9
2010	388	94.0	685	94.0	-	-	10,589	57.2
2009	-	-	-	-	-	-	582	89.1
2008	61	104.8	798	104.8	-	-	-	-
2007	1,105	70.0	17,344	46.0	-	-	8,731	46.9
2006	118	101.3	6,789	101.3	-	-	4,179	57.3
2005	664	95.9	38,052	95.9	-	-	5,803	59.4
2004	-	-	-	-	-	-	282	100.3
2003	405	90.7	1,012	90.7	-	-	1,145	59.4
2002	567	99.0	3,312	99.2	-	-	787	68.8
2001	801	81.0	13,695	64.8	-	-	399	89.0
2000	1,851	48.9	4,666	-	-	-	-	-
1999	1,235	43.3	23,769	88.0	-	-	514	89.0
1998	1,692	38.9	6,251	50.6	-	-	1,029	44.1
1997	599	55.6	44,151	3.1	-	-	8,599	32.4
1996	4,067	30.7	58,659	41.7	-	-	12,553	23.8

\* Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.



**Figure 72. Large coastal shark recreational catch by state, 2015.**

**Table 104. Large coastal shark recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length* (inches)	Mean Weight* (lb)
North Carolina	26	74.0	2,909	100.8	25,866	51.0	-	-
Connecticut	-	-	-	-	3,002	42.8	-	-
Delaware	-	-	-	-	8,096	38.5	-	-
Florida	1,904	42.1	60,624	81.7	120,282	25.5	-	-
Georgia	662	67.4	17,473	67.6	64,135	30.0	-	-
Maryland	-	-	-	-	7,119	47.0	-	-
New Jersey	-	-	-	-	46,588	62.1	-	-
New York	416	97.4	136,809	97.4	7,630	50.9	-	-
Rhode Island	-	-	-	-	5,761	91.2	-	-
South Carolina	874	79.0	25,090	44.1	40,619	39.6	-	-
Virginia	-	-	-	-	3,738	58.8	-	-

\* Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

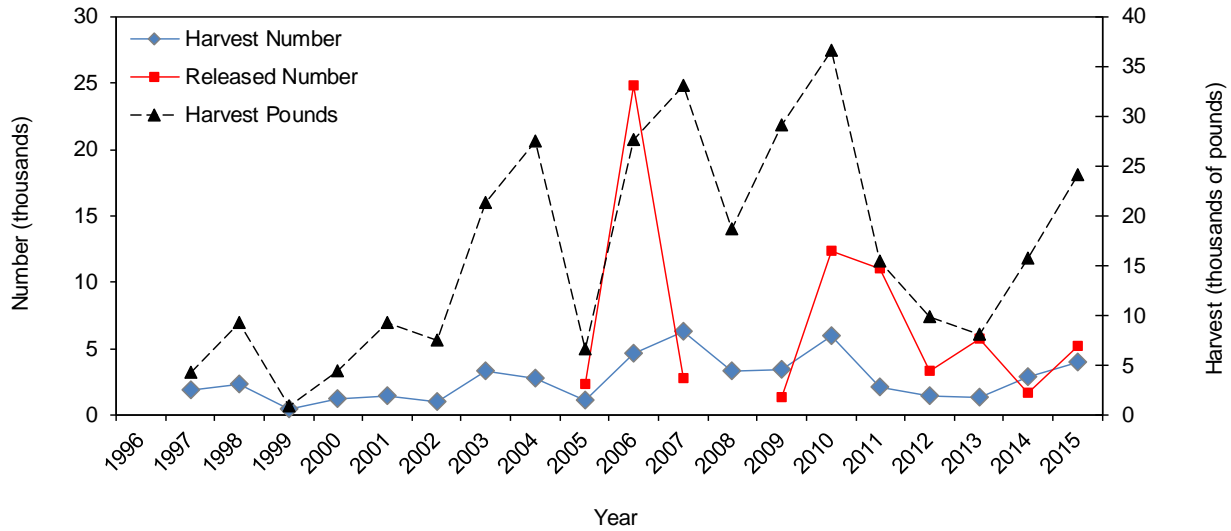
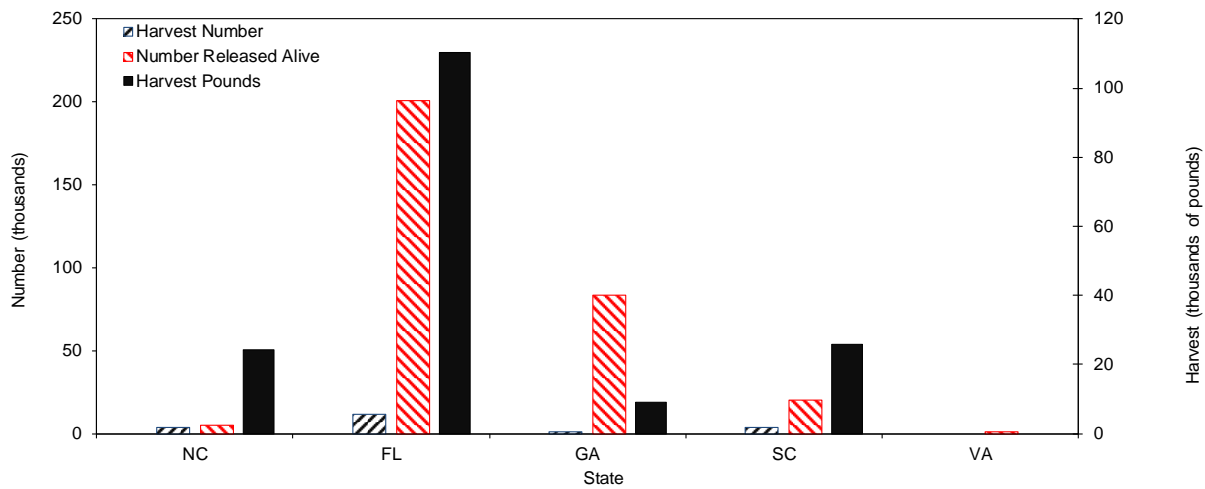


Figure 73. Small coastal shark recreational catch in North Carolina by year.

Table 105. Small coastal shark recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length* (inches)	Mean Weight* (lb)	Released Number	PSE (release)
2015	3,945	33.0	23,676	33.8	-	-	5,185	50.3
2014	2,607	33.6	14,402	32.6	-	-	904	57.6
2013	1,325	37.6	8,038	39.4	-	-	4,974	49.5
2012	1,449	51.6	9,839	51.6	-	-	2,337	61.7
2011	2,127	42.8	15,414	44.0	-	-	9,942	32.8
2010	5,989	31.9	36,544	34.1	-	-	12,128	60.7
2009	2,938	42.0	18,836	41.9	-	-	-	-
2008	3,268	66.4	18,610	66.4	-	-	-	-
2007	6,299	60.7	33,127	52.2	-	-	2,782	70.8
2006	4,605	69.2	27,690	69.6	-	-	24,791	54.1
2005	1,095	91.6	6,598	92.0	-	-	2,291	73.4
2004	2,689	63.7	27,461	74.1	-	-	-	-
2003	3,297	38.7	21,247	44.0	-	-	-	-
2002	1,019	43.3	7,420	48.0	-	-	-	-
2001	1,454	41.5	9,237	41.6	-	-	-	-
2000	1,157	72.0	4,359	94.2	-	-	-	-
1999	463	75.3	861	68.1	-	-	-	-
1998	2,343	55.7	9,286	47.4	-	-	-	-
1997	1,810	83.9	4,310	70.8	-	-	-	-
1996	-	-	-	-	-	-	-	-

\* Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.



**Figure 74. Small coastal shark recreational catch by state, 2015.**

**Table 106. Small coastal shark recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (rel)	Mean Length (inches)*	Mean Weight (lb)*
North Carolina	3,983	32.7	24,150	33.2	5,185	50.3	-	-
Florida	11,726	28.3	110,386	24.4	201,138	16.2	-	-
Georgia	1,310	55.5	9,184	51.0	83,449	18.8	-	-
South Carolina	3,921	31.0	25,960	31.4	20,259	26.2	-	-
Virginia	-	-	-	-	714	64.2	-	-

\* Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

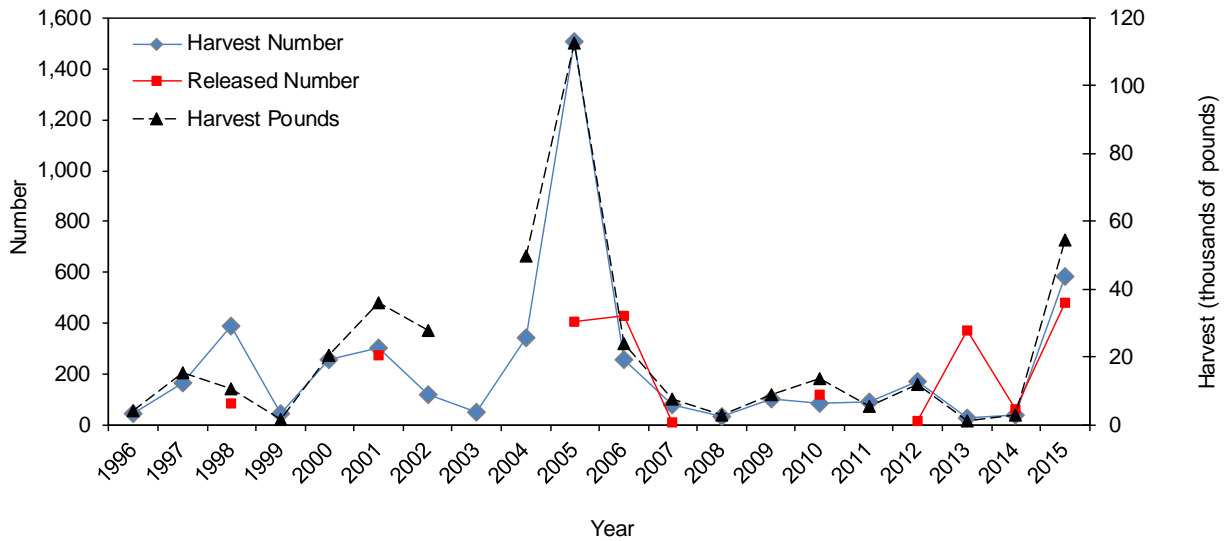
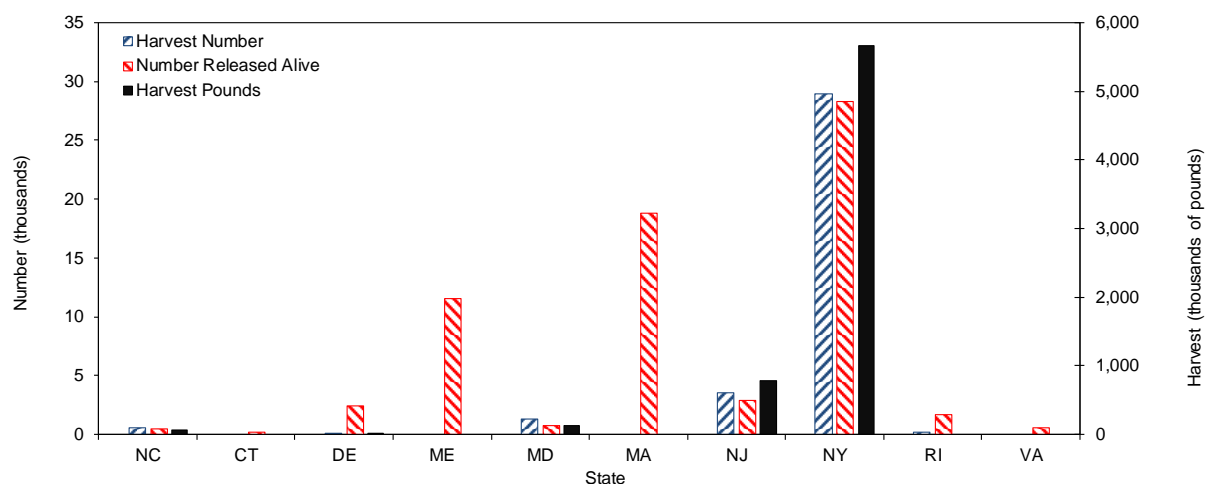


Figure 75. Pelagic shark recreational catch in North Carolina by year.

Table 107. Pelagic shark recreational catch in North Carolina by year.

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)*	Mean Weight (lb)*	Released Number	PSE (release)
2015	581	77.9	54,332	81.1	-	-	479	93.9
2014	37	56.0	2,981	53.4	-	-	62	110.8
2013	28	100.8	1,219	100.8	-	-	374	96.4
2012	172	63.2	11,697	61.1	-	-	13	98.0
2011	88	77.0	5,356	68.6	-	-	-	-
2010	87	78.2	13,559	84.4	-	-	116	98.9
2009	102	55.6	9,009	55.1	-	-	-	-
2008	30	79.8	2,693	79.8	-	-	-	-
2007	80	74.3	7,439	74.9	-	-	11	112.3
2006	254	68.6	24,001	66.5	-	-	428	95.2
2005	1,509	84.4	112,556	85.1	-	-	407	82.9
2004	345	89.9	49,786	93.7	-	-	-	-
2003	52	100.0	-	-	-	-	-	-
2002	121	71.7	28,005	-	-	-	-	-
2001	305	41.3	35,900	47.3	-	-	272	100.0
2000	254	47.2	20,368	-	-	-	-	-
1999	42	100.2	1,661	-	-	-	-	-
1998	388	36.6	10,768	-	-	-	84	72.8
1997	164	59.0	15,519	-	-	-	-	-
1996	45	99.9	4,155	-	-	-	-	-

\* Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.



**Figure 76. Pelagic shark recreational catch by state, 2015.**

**Table 108. Pelagic shark recreational catch by state, 2015.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Number Released Alive	PSE (Rel)	Mean Length (inches)*	Mean Weight (lb)*
North Carolina	581	77.9	54,332	81.1	479	93.9	-	-
Connecticut	-	-	-	-	139	100.4	-	-
Delaware	25	97.7	2,687	97.7	2,429	79.2	-	-
Maine	-	-	-	-	11,551	66.6	-	-
Maryland	1,251	80.9	120,032	80.9	697	80.9	-	-
Massachusetts	-	-	-	-	18,786	43.0	-	-
New Jersey	3,497	58.6	777,421	60.6	2,876	64.5	-	-
New York	28,990	32.1	5,663,904	32.9	28,329	24.2	-	-
Rhode Island	185	88.4	-	-	1,707	59.2	-	-
Virginia	-	-	-	-	528	71.8	-	-

\* Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

**Table 109. North Carolina Division of Marine Fisheries highly migratory species landing summary (numbers).**

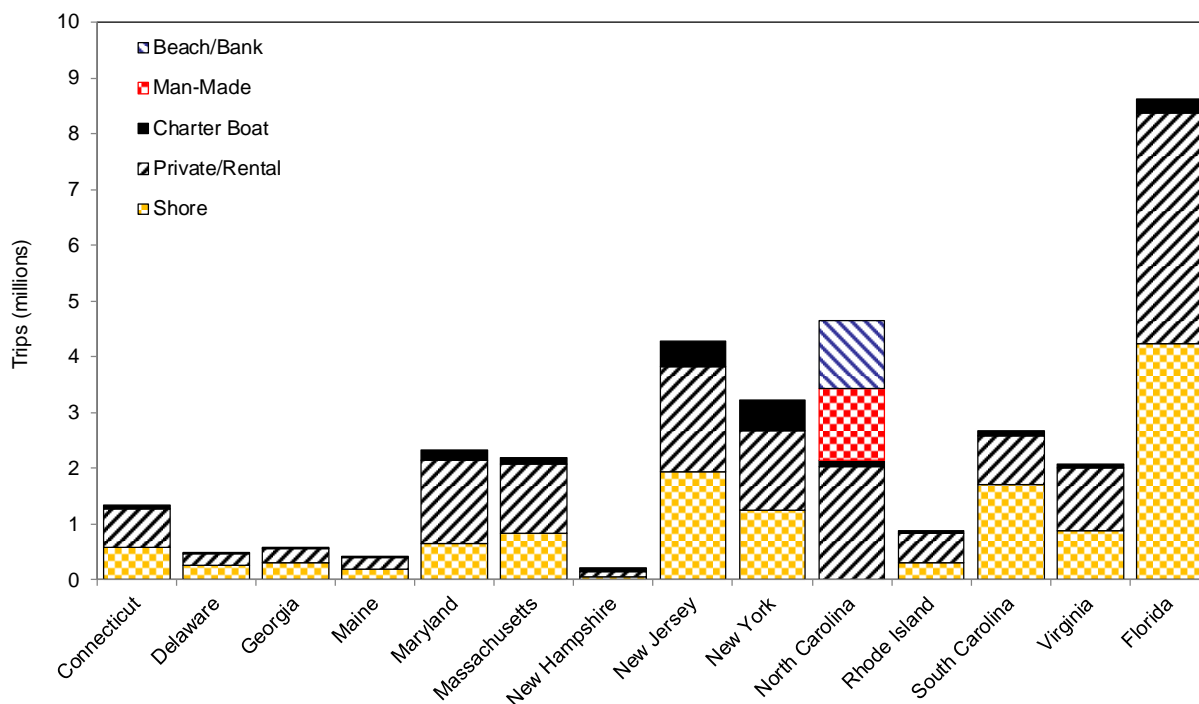
Year	Blue marlin	White Marlin	Sailfish	Swordfish	Total
2015	23	2	-	-	25
2014	15	-	-	-	15
2013	10	-	3	-	13
2012	17	-	-	1	18
2011	9	3	2	-	14
2010	14	2	1	-	17
2009	11	-	-	2	13
2008	24	1	-	-	25
2007	13	-	-	2	15
2006	12	-	-	-	12
2005	14	-	-	-	14
2004	8	-	-	-	8
2003	16	2	.	1	19

**Table 110. North Carolina recreational Atlantic bluefin tuna (ABT) landings\* (number of fish landed).**

Date	Manteo/		Ocracoke	Morehead	Wilmington	Call-In	Total
	Oregon Inlet	Hatteras		City	South		
2015	28	13	-	-	-	3	44
2014	62	3	-	2	.	2	69
2013	150	48	-	-	-	3	201
2012	143	40	-	1	2	3	189
2011	158	164	-	-	-	6	328
2010	378	193	-	-	-	8	579
2009	79	55	-	-	-	1	135
2008	72	51	-	8	-	1	132
2007	122	41	-	9	3	-	175
2006	-	13	-	13	5	-	31
2005	-	1	-	29	-	-	30
2004	-	-	-	19	-	1	20
2003	-	7	-	86	6	-	99
2002	1	10	4	64	3	-	82
2001	1	63	1	205	20	3	293
2000	-	339	8	147	87	9	590
1999	-	154	3	77	37	3	274

\* Does not include trophy category.



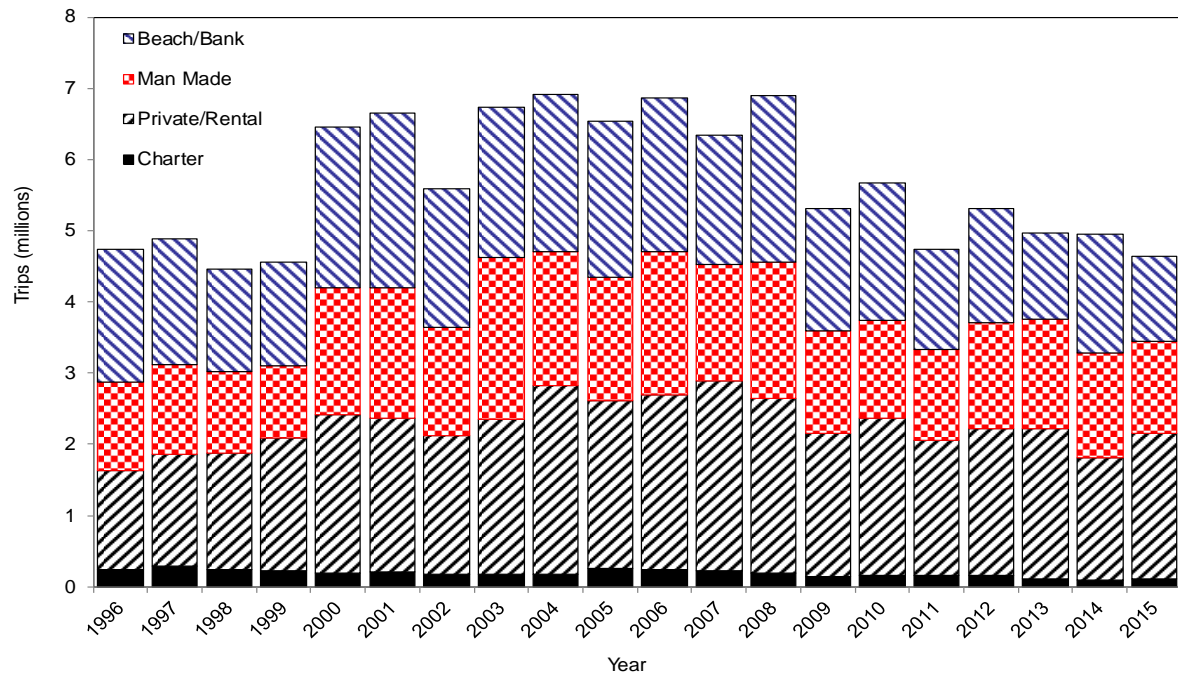


**Figure 77. Atlantic Coast saltwater fishing trips by state and mode, 2015.**

**Table 111. Atlantic Coast saltwater fishing trips by state and mode, 2015.**

State	Number of Trips					Total
	Shore*	Private & Rental	Charter	Man Made*	Beach/Bank*	
Connecticut	589,564	671,105	79,921	-	-	1,340,590
Delaware	262,303	195,235	37,945	-	-	495,483
Georgia	301,379	254,770	33,982	-	-	590,131
Maine	201,228	191,646	21,323	-	-	414,197
Maryland	661,860	1,477,304	180,134	-	-	2,319,298
Massachusetts	841,937	1,223,246	115,683	-	-	2,180,866
New Hampshire	57,185	78,673	85,517	-	-	221,375
New Jersey	1,944,743	1,876,956	465,745	-	-	4,287,444
New York	1,260,512	1,407,472	567,233	-	-	3,235,217
North Carolina	0	2,041,020	114,061	1,285,166	1,205,412	4,645,620
Rhode Island	314,356	512,546	51,684	-	-	878,586
South Carolina	1,701,144	872,566	96,315	-	-	2,670,025
Virginia	892,308	1,125,518	64,939	-	-	2,082,765
Florida	4,245,528	4,133,010	255,123	-	-	8,633,661
<b>Total</b>	<b>13,274,047</b>	<b>16,061,066</b>	<b>2,169,605</b>	<b>1,285,166</b>	<b>1,205,412</b>	<b>33,995,296</b>

\* Shore mode is separated into manmade and beach/bank in North Carolina only.



**Figure 78. Saltwater fishing trips in North Carolina by year and mode.**

**Table 112. Saltwater fishing trips in North Carolina by year and mode.**

Year	Number of Trips								Total
	Charter	PSE	Private & Rental	PSE	Man Made	PSE	Beach & Bank	PSE	
2015	114,061	11.6	2,041,020	6.2	1,285,166	10.1	1,205,413	14.1	4,645,660
2014	96,620	6.1	1,707,330	5.8	1,484,850	9.0	1,665,273	12.4	4,954,073
2013	111,366	5.6	2,100,515	5.5	1,543,314	8.7	1,212,558	11.0	4,967,753
2012	160,097	9.1	2,060,989	5.0	1,482,635	8.8	1,599,759	7.7	5,303,480
2011	151,681	9.1	1,898,507	5.1	1,284,670	10.4	1,404,886	9.3	4,739,744
2010	165,304	5.4	2,199,055	4.7	1,382,296	9.0	1,930,919	9.0	5,677,574
2009	145,759	6.4	2,005,019	4.9	1,441,055	10.1	1,716,858	12.0	5,308,691
2008	192,042	7.4	2,460,631	4.8	1,910,942	8.6	2,334,809	9.1	6,898,424
2007	217,903	6.7	2,670,578	4.6	1,630,016	9.7	1,814,879	10.9	6,333,376
2006	234,337	6.4	2,451,658	4.4	2,018,711	12.2	2,159,275	10.5	6,863,981
2005	259,029	10.5	2,345,604	4.8	1,742,721	9.2	2,195,444	9.8	6,542,798
2004	183,304	6.4	2,640,101	5.1	1,878,646	9.2	2,210,715	9.5	6,912,766
2003	173,573	7.8	2,180,687	4.5	2,277,182	7.4	2,102,022	7.9	6,733,464
2002	183,262	6.9	1,940,880	4.3	1,515,529	7.4	1,946,451	8.2	5,586,122
2001	201,731	7.6	2,168,925	4.2	1,832,293	6.8	2,446,598	8.5	6,649,547
2000	193,056	7.8	2,224,041	4.6	1,775,565	8.5	2,267,348	9.1	6,460,010
1999	221,369	6.9	1,860,564	4.3	1,013,535	8.7	1,459,571	9.1	4,555,039
1998	241,001	6.7	1,638,009	4.1	1,135,830	6.6	1,446,621	9.1	4,461,461
1997	295,820	8.0	1,570,089	3.7	1,252,716	6.4	1,772,884	7.3	4,891,509
1996	240,970	8.3	1,390,553	3.9	1,245,056	7.0	1,865,242	7.9	4,741,821

**Appendix 2. NCDMF highly migratory species reporting stations.**

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

### Appendix 3. North Carolina MRIP Intercept Form.

2015 ACCESS-POINT ANGLER INTERCEPT SURVEY – North Carolina OMB NO. 0648-0659 (EXP. 02/29/2016)

2. ASSIGNMENT NO.

3. INTERVIEWER ID

4. YR/MO/DAY

5. INTERCEPT NO.

6. INTERVIEWER TIME (use 2400 clock)  Time this interview was completed

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

**READ PRIVACY ACT:** This study is being conducted in accordance with the privacy act of 1974. You are not required to answer any question that you consider to be an invasion of your privacy.

**11. Would you say you were fishing from...**

SH  0 Pier  1 Dock  
 2 Jetty, Breakwater  3 Bridge, Causeway  
 4 Other Man-made Structure (Specify)  5 Beach or Bank (For Beach Bank only – additional hours required in Q16)

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 Q13 as "8").**  
 1  Atlantic Ocean  
 2  Other. (use DMF waterbody code and code Q13 as "8").

**BOX A.** If response to Q11 is SH mode AND response to Q12 is "ocean/gulf/open bay" code Q13 as "1," 3 miles or less. (If response to Q12 is "2" through "G," code Q13 as "Not Applicable")

**13. Was that...**  
 1  Three Miles or Less from Shore 8  NC waterbody Does not apply  
 2  More than Three Miles

**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? (Select only one)**  
 01  Hook and Line 07  Trap  
 02  Dip Net, A-frame 08  Spear  
 03  Cast Net 09  Hand  
 04  Gill Net 10  Other (Specify)   
 05  Seine 98  Unknown  
 06  Trawl 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. [If not SHORE] 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. [Ask if Beach or Bank] 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 (only if Q11=5)  
 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  
 1<sup>st</sup> Target:   
 2<sup>nd</sup> 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 finfishing 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  
 99997  Foreign Country  
 99998  Don't Know  
 99999  Refused

**22. Do you live in a private residence, or in some type of housing such as a dorm, barracks, nursing home or rooming house?**  
 1  Private Residence  
 2  Institutional Housing  
 8  Don't Know  
 9  Refused

**23. At which of the following types of addresses does your household currently receive residential mail? Mark all that apply.**

YES	NO	
<input type="checkbox"/>	<input type="checkbox"/>	Street address with a house or building number
<input type="checkbox"/>	<input type="checkbox"/>	Address with a rural route number
<input type="checkbox"/>	<input type="checkbox"/>	U.S. Post Office box (P.O. Box)
<input type="checkbox"/>	<input type="checkbox"/>	Commercial mail box business (such as Mailboxes, Etc., or Mailboxes Are Us)
<input type="checkbox"/>	<input type="checkbox"/>	Other (Specify) _____
<input type="checkbox"/>	<input type="checkbox"/>	Don't Know <input type="checkbox"/> Refused

**23a. Sex** 1  Male 2  Female

**23b. How old were you on your last birthday?**  
 Age 99  Refused

**Appendix 3. North Carolina MRIP Intercept Form (continued).**

24. In the event that my supervisor wishes to verify that I have been conducting interviews here today, may I please have your name and a phone number? (If name and/or phone number not given, Q10 = Status 2)

Angler Name \_\_\_\_\_  
 D or N \_\_\_\_\_  
 PHONE #    -

Name and/or phone number not given  
 Angler aged 16 years or younger (Check both boxes)

BOX B. [If headboat ride-along:] Is this one of the anglers you monitored for discard (Type 9) catch?  Yes  No  Not an HB ride

\*25. **UNAVAILABLE CATCH** Did you catch any fish that are not here for me to look at? For example, any that you may have thrown back or used for bait? **NOT GROUP CATCH** - Only catch from Angler being interviewed.

Disposition Codes for Q25			
1 Thrown back alive	3 Eaten/plan to eat	5 Sold/plan to sell	7 Some other purpose
2 Thrown back - illegal	4 Used/plan to use for bait	6 Thrown back dead/plan to throw away	

**TYPE 2 RECORDS: (CATCH UNAVAILABLE IN WHOLE FORM; FILLETS ARE UNAVAILABLE CATCH)**

Species Name	Species Code	# of Fish	Disp.
1.			
2.			
3.			
4.			
5.			

\*26. Did you catch any fish while you were fishing that I might be able to look at?  
 1  Yes  
 2  No - Code Q26b, Q27, Q28, Q29 as "8's" Not Applicable  
 3  Yes, BUT fish on another angler's form - Fill in interview # where fish are listed   Code Q27, Q28, Q29 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. Only count those who have their catch here.  
  No. of Contributors    88  Not Applicable

BOX C. If Q11 is SH mode, code Q30 as "888," and Code Box D as "8."

\*26b. Were these fish all caught today (that is, from the time you woke up to the time you ended your fishing trip) while fishing from \_\_\_\_\_ (insert mode)?  
 1  Yes    2  No    8  N/A

\*26c. If No, how many waking days did you spend catching these fish?  
  No. of days    88  Not Applicable

\*27. Did you catch these yourself or did someone else catch some of them?  
 1  All Caught by Angler - Code Q28, Q29 as "Not Applicable"  
 2  Other Contributors    8  Not Applicable

\*28. Can you separate out your individual catch?  
 1  Yes - Code Q29 as "Not Applicable"    2  No    8  Not Applicable

\*30. How many people fished on your boat today?  
   No. of People    888  Shore Mode

\*BOX D. If response to Q30 is 1, code as "Not Applicable." Otherwise, is this the first angler from this boat that I have interviewed?  
 1  Yes    8  Not Applicable  
 2  No - Record interview # of 1st angler in the fishing party:

\*BOX E: Is vessel on DMF List?  
 1  Yes    2  No    3  Non-coop.    8  SH

Vessel Name \_\_\_\_\_  
 No Name - Record Vessel number to determine "on list" status. If "on list" cannot be confirmed, Q10=Status 5. (Note: This question must be completed for all charter and headboat interviews).

\*31. **AVAILABLE CATCH** - ASK: May I look at your fish? What do you plan to do with the MAJORITY of the (species)?

Disposition Codes for Q31	
3 Eaten/ plan to eat	8 Thrown back dead/plan to throw away
4 Used/plan to use for bait	7 Some other purpose
5 Sold/ plan to sell	

NOTES/COMMENTS: \_\_\_\_\_

**TYPE 3 RECORDS: (INDIVIDUAL CATCH AVAILABLE IN WHOLE FORM)**

Species Name	Species Code	# of Fish	Length (mm)	Weight (kg)	Disp.
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

#### Appendix 4. Glossary of terminology in MRIP 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 four modes, including shore, private/rental, headboat, and charter.

- **Shore:** A shore may be:
  - **Pier, dock:** A structure built over the water and supported by pillars.
  - **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.
  - **Breakwater:** An offshore structure used to protect a harbor or breach from the forces of waves.
  - **Bridge:** An elevated or raised way across wet ground or water.
  - **Causeway:** A connecting channel.
  - **Beach:** A level stretch of pebbles or sand beside a body of water, often washed by high water.
  - **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.
- **Private/Rental:** A boat belonging to an individual or one that is rented. No crew is provided; operated by the owner/renter.
- **Headboat:** A boat operated by licensed captain usually carrying greater than seven anglers. Fees are paid on a per head (angler) basis.
- **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 5. Data elements in MRIP 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**

- 1) Date, location, and site of interview
- 2) Mode of fishing
- 3) Tournament fishing status
- 4) Fishing location
- 5) Gear type
- 6) Hours of fishing time
- 7) Targeted species
- 8) Number of days fished in last year
- 9) State and county of residence
- 10) Sex and age of angler
- 11) Number and types of Type 2 fish (unavailable catch)
- 12) Number of contributors and people in fishing party
- 13) Length and weight of Type 3 fish (available catch)

#### **Expanded Data**

- 14) Estimated number of trips in a mode
- 15) Percent of trips in a mode
- 16) Number of trips in a particular mode and area
- 17) Data on groups or types of fish caught in a mode or area
- 18) Estimated numbers of Type A, B1, or B2 fishes caught or released (including variances)
- 19) Estimated weights or lengths of specific types of fish (including variances)
- 20) Number of interviews conducted in specific modes or sites by year, month, etc.
- 21) Catch per trip (including variances)
- 22) Mean weight and/or length of fish from a specific area, mode, etc.



## Chapter IV : CREEL SURVEY IN THE CENTRAL AND SOUTHERN MANAGEMENT AREA PROGRAM AND STATISTICS

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## **PROGRAM NARRATIVE**

Coastal striped bass populations have continuously provided a popular and economically important fishery in North Carolina. Despite past surveys covering 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 and estimate recreational striped bass effort and catch in the CSMA. In 2012, other anadromous fish (i.e., American and hickory shad) were included in the estimation process.

## **SURVEY METHODOLOGY**

### **Study Area**

The CSMA 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, Cape Fear and Pungo rivers. The Neuse River basin drains over 6,200 square miles of land with over 3,000 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 45 boat ramps and fishing access points from Millburnie Park in East Raleigh to Lee's Landing on Broad Creek. The river was divided in three segments, with all access points in Goldsboro and above classified as the upper zone, sites on Contentnea Creek and downstream from Goldsboro to Core Creek were considered the middle zone, and those downstream from Core Creek, the lower zone. Prior to 2012, the Neuse River was comprised of only two zones with all sites above Contentnea Creek considered the upper (Figure 79).

The Tar/Pamlico River watershed drains over 5,500 square miles with over 2,400 miles of streams and rivers. 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 19 boat ramps and access sites 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 Greenville, NC considered the upper zone (Figure 79). The Pungo River was surveyed at the Leechville ramp (NC-264 bridge), the Belhaven North Carolina Wildlife Resource Commission (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 but the Cape Fear was included to target shad (American and hickory) beginning in 2013.

### **Sampling Procedures**

Recreational fishing statistics from the CSMA were calculated through a non-uniform stratified access-point creel survey (Pollock et al. 1994) on the Neuse, Pamlico, and Pungo rivers from January-December. 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 from past years and direct observation by creel clerks. 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 one hour after sunrise until one hour after sunset. This is slightly different than in years prior to 2012 where the fishing day was defined as beginning 1.5 hours after sunrise. Monthly sampling periods for each river and zone were stratified accordingly, and all weekend and 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 (January-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 the upper zone January through May and one clerk surveying the lower zone from January through December. The three zones within the Neuse River were covered with one creel clerk per zone. The lower zone was surveyed from January to December while middle zone surveys were

conducted January-May and the upper zone surveys from February-May. 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. Harvested fish were identified, counted, measured nearest mm fork length (converted to centerline length and total length for appropriate species), and weighed to the nearest 0.1 kg, while information on discarded fish was obtained from the angler 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 North Carolina Division of Marine Fisheries (NCDMF) for age determination. Creel clerks also obtained socioeconomic information from the angler, 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 6 through Appendix 8.

## **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 multiplied by 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  $i$ th unit being in the sample is denoted by  $p_i$  (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  $s^2$  is the variance of the observations,  $n$  is the number of days sampled, and  $N$  is the number of days of that type available for sampling (Pollock et al. 1994). 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 used during striped bass trips reported by anglers were documented by river and day type. The database was created using Access<sup>®</sup> and statistical analyses were performed with SAS 9.1<sup>®</sup>. Beginning in 2012, the Wildlife Resources Commission (NCWRC) Portal Access To Wildlife Systems (PAWS) was used to house these data and estimate effort and catch. NCDMF and NCWRC staff have been verifying calculations to ensure consistency with the previous work

#### Angler Demographics and Economic Analysis

The CSMA Creel Survey socioeconomic questionnaire (Appendix 8) 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. 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. Lodging and rental expenses were rarely encountered and therefore are not included within this report. The weighted mean of each expenditure was totaled to provide an average trip cost.



## **LITERATURE CITED**

Pollock, K. H., C. M. Jones, and T. L. Brown. 1994. Angler survey methods and their applications in fisheries management. American Fisheries Society. Special Publication 25, Bethesda, Mary.

## CONTACTS

This project was funded under the Federal Aid in Sport Fish Restoration Program using state fishing license money and federal grant funds derived from federal excise taxes on fishing tackle and other fishing related expenditures.

Funds from the Sport Fish Restoration Program are used for aquatic education, fisheries research and management, and boating access facilities. This program is administered cooperatively by the NCDMF, 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.

North Carolina Division of Marine Fisheries  
Stephanie McInerny, Chief, License & Statistics  
P.O. Box 769  
Morehead City, NC 28557  
800-682-2632  
[Stephanie.mcinerny@ncdenr.gov](mailto:Stephanie.mcinerny@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Doug Mumford  
943 Washington Square Mall  
Washington NC, 27889  
800-338-7804  
[Doug.Mumford@ncdenr.gov](mailto:Doug.Mumford@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Chris Wilson  
943 Washington Square Mall  
Washington NC, 27889  
800-338-7804  
[Chris.Wilson@ncdenr.gov](mailto:Chris.Wilson@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Andrew Cathey  
943 Washington Square Mall  
Washington NC, 27889  
800-338-7804  
[Andrew.Cathey@ncdenr.gov](mailto:Andrew.Cathey@ncdenr.gov)

**Table 113. Measures of central tendency for lengths and weights of striped bass (observed).**

Year	River	Length (inches)				Weight (pounds)			
		N	Min	Max	Mean	N	Min	Max	Mean
2015	Upper Neuse River	2	16.3	19.9	18.1	2	1.7	3.1	2.4
	Middle Neuse River	2	26.3	26.9	26.6	2	3.0	9.3	6.1
	Lower Neuse River	25	17.6	26.1	20.0	25	2.1	7.5	3.5
	Upper Tar River	3	19.6	21.6	20.4	3	3.7	4.9	4.2
	Lower Tar-Upper Pamlico River	41	17.7	24.3	20.4	41	1.8	15.4	3.8
	Pungo River	33	18.1	27.0	21.3	33	2.0	7.1	3.3
	Total	106	16.3	27.0	21.1	106	1.7	15.4	3.9
2014	Upper Neuse River	2	20.6	20.6	20.6	2	3.9	3.9	3.9
	Lower Neuse River	32	17.9	30.2	21.4	32	2.3	14.3	4.8
	Lower Tar-Upper Pamlico River	64	18.5	27.4	19.9	64	2.8	9.5	3.7
	Pungo River	17	19.8	20.0	19.9	17	2.4	4.9	3.5
	Total	115	17.9	30.2	20.5	115	2.3	14.3	3.9
2013	Upper Neuse River	1	24.8	24.8	24.8	1	7.7	7.7	7.7
	Middle Neuse River*	-	-	-	-	-	-	-	-
	Lower Neuse River	51	17.6	27.9	19.6	51	2.1	11.5	3.8
	Upper Tar River	7	18.3	20.4	19.3	7	3.3	4.6	4.0
	Lower Tar/ Upper Pamlico River	53	17.0	25.9	19.0	53	2.4	8.8	3.5
	Pungo River	57	18.1	27.3	20.1	57	0.9	9.9	3.4
	Total	169	17.0	27.9	19.5	169	0.9	11.5	3.7
2012	Upper Neuse River	5	19.1	27.3	22.8	5	2.6	9.0	5.2
	Middle Neuse River	3	18.8	24.5	21.0	3	2.9	5.5	3.9
	Lower Neuse River	51	17.5	28.0	20.7	51	2.4	9.9	3.9
	Upper Tar River	6	18.5	21.4	20.3	6	2.9	4.4	3.6
	Lower Tar/ Upper Pamlico River	67	18.3	27.8	20.5	67	2.6	9.0	4.0
	Pungo River	21	19.3	27.2	21.0	21	2.4	7.1	3.5
	Total	153	17.5	28.0	20.6	153	2.4	9.9	3.8
2011	Upper Neuse River	1	23.3	23.3	23.3	1	4.6	4.6	4.6
	Lower Neuse River	54	17.6	27.4	20.0	54	2.1	7.5	3.4
	Lower Tar/ Upper Pamlico River	53	17.6	28.2	20.4	53	2.4	9.7	4.0
	Pungo River	32	18.1	25.6	21.3	32	2.4	6.8	3.7
	Total	140	17.6	28.2	21.3	140	2.1	9.7	3.9
2010	Lower Neuse River	4	18.4	21.5	19.6	4	2.7	3.5	3.0
	Lower Tar/ Upper Pamlico River	48	18.1	23.7	20.3	48	2.7	6.2	4.0
	Pungo River	22	17.8	26.3	21.0	22	2.2	7.1	3.8
	Total	74	17.8	26.3	20.5	74	2.2	7.1	3.8
2009	Lower Neuse River	6	18.5	23.5	21.7	6	2.2	4.6	3.5
	Lower Tar/ Upper Pamlico River	44	17.2	21.7	19.9	44	2.2	4.9	3.4
	Pungo River	45	18.5	24.0	20.9	45	2.2	6.0	3.4
	Total	95	17.2	24.0	20.8	95	2.2	6.0	3.5

\*Middle Neuse not sampled in 2013

**Table 113. Measures of central tendency for lengths and weights of striped bass (observed) (continued).**

Year	River	Length (inches)				Weight (pounds)			
		N	Min	Max	Mean	N	Min	Max	Mean
2008	Lower Neuse River	11	19.7	26.2	21.2	11	2.4	5.7	3.9
	Lower Tar/ Upper Pamlico River	12	18.5	23.8	20.3	12	2.4	5.3	3.7
	Pungo River	27	18.3	24.0	20.5	27	2.0	5.7	3.2
	Total	50	18.3	26.2	20.7	50	2.0	5.7	3.5
2007	Lower Neuse River	65	18.8	28.0	21.3	65	2.0	7.5	3.1
	Lower Tar/ Upper Pamlico River	17	18.3	30.2	22.2	17	2.2	11.9	4.8
	Pungo River	47	16.8	25.0	20.9	47	1.5	5.7	3.3
	Total	129	16.8	30.2	21.3	129	1.5	11.9	3.7
CSMA Total		1,031	16.8	30.2	20.9	1,031	0.9	15.4	3.9

**Table 114. Measures of central tendency for lengths and weights of American and hickory shad (observed), 2015.**

Species	River	Length (inches)				Weight (pounds)			
		N	Min	Max	Mean	N	Min	Max	Mean
American Shad	Upper Neuse River	3	15.0	17.1	16.1	3	1.3	2.0	1.7
	Upper Tar River	14	15.6	22.6	20.0	14	1.3	3.7	3.2
	Cape Fear River	131	13.3	20.5	17.9	131	1.0	4.3	2.7
	Total	148	13.3	22.6	18.0	148	1.0	4.3	2.6
Hickory Shad	Upper Neuse River	35	8.4	15.2	13.0	35	0.3	1.8	1.0
	Middle Neuse River	108	10.6	15.4	13.2	108	0.6	1.7	1.0
	Lower Neuse River	1	14.0	14.0	14.0	1	1.4	1.4	1.4
	Upper Tar River	16	12.7	18.2	15.0	16	0.4	2.0	1.1
	Cape Fear River	1	11.5	11.5	11.5	1	0.7	0.7	0.7
	Total	161	8.4	18.2	13.3	161	0.3	2.0	1.0

**Table 115. Reported and observed catches (in numbers) by species and disposition.**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2015	American eel	1	4	-	1	-	6	0.11
	American shad	169	25	4	-	-	198	3.47
	Atlantic croaker	10	28	-	-	-	44	0.77
	Black bullhead	1	-	-	-	-	1	0.02
	Black crappie	462	48	-	29	-	539	9.44
	Blue catfish	128	26	-	-	-	154	2.70
	Bluefish	-	5	-	-	-	5	0.09
	Bluegill	745	91	-	-	-	836	14.64
	Bowfin	3	77	-	-	-	80	1.40
	Brown bullhead	4	0	-	-	-	4	0.07
	Chain pickerel	1	39	-	-	-	40	0.70
	Channel catfish	67	24	-	-	-	91	1.59
	Common Carp	-	4	-	-	-	4	0.07
	Cownose ray	-	6	-	-	-	6	0.11
	Flathead catfish	7	6	-	-	-	13	0.23
	Freshwater catfish genus	14	43	-	-	-	61	1.07
	Gizzard shad	4	6	-	-	-	10	0.18
	Golden shiner	-	1	-	-	-	1	0.02
	Hickory shad	428	65	9	-	-	502	8.79
	Hybrid striped bass	11	1	-	3	-	15	0.26
	Largemouth bass	61	244	-	182	-	487	8.53
	Lefteye flounder genus	8	4	1	101	-	114	2.00
	Longnose gar	-	34	-	-	-	34	0.60
	Pinfish	-	12	-	-	-	12	0.21
	Pumpkinseed	57	6	-	-	-	63	1.10
	Red drum	2	10	1	28	-	41	0.72
	Redbreast sunfish	58	15	-	-	-	73	1.28
	Redear sunfish	63	12	-	-	-	75	1.31
	Silver perch	2	2	-	-	-	4	0.07
	Shad ( <i>Alosa</i> spp.)	-	15	-	-	-	15	0.26
	Southern flounder	70	1	-	6	-	77	1.35
	Spanish mackerel	-	-	-	2	-	2	0.04
	Spot	74	17	-	3	-	94	1.65
	Spotted seatrout	93	10	1	92	-	196	3.43
	Stingray genus		2	-	-	-	2	0.04
	Striped bass	151	71	2	263	23	510	8.93
	Striped mullet	4	1	-	-	-	5	0.09
	Summer flounder	29	9	-	16	-	54	0.95
	Sunfish genus	300	138	1	11	-	450	7.88
	Threadfin shad	22	1	-	-	-	23	0.40
	Unidentified fish	-	2	-	-	-	2	0.04
	Warmouth	10	8	-	-	-	18	0.32
	White catfish	1	0	-	-	-	1	0.02
	White bass	-	3	-	-	-	3	0.05
	White perch	623	55	-	24	-	702	12.29
	Yellow perch	29	16	-	1	-	46	0.81
	<b>Total</b>	<b>3,712</b>	<b>1,187</b>	<b>19</b>	<b>768</b>	<b>23</b>	<b>5,713</b>	<b>100.00</b>

**Table 115. Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2014	American eel	-	21	-	-	-	21	0.20
	American shad	282	125	4	-	-	411	3.90
	Atlantic croaker	92	117	-	-	-	209	1.98
	Atlantic menhaden	-	3	-	-	-	3	0.03
	Black crappie	386	67	2	89	-	544	5.16
	Black drum	-	10	-	2	-	12	0.11
	Black sea bass	-	1	-	1	-	2	0.02
	Blue catfish	219	62	-	-	-	281	2.66
	Bluefish	3	49	-	-	-	52	0.49
	Bluegill	699	111	1	-	-	811	7.69
	Bowfin	-	112	-	-	-	112	1.06
	Brown bullhead catfish	7	-	-	-	-	7	0.07
	Chain pickerel	1	81	-	-	-	82	0.78
	Channel catfish	36	43	-	-	-	79	0.75
	Clearence skate	-	2	-	-	-	2	0.02
	Common carp	2	4	-	-	-	6	0.06
	Cownose ray	-	17	-	-	-	17	0.16
	Flathead catfish	5	19	-	-	-	24	0.23
	Freshwater catfish genus	38	125	-	-	-	163	1.54
	Gizzard shad	27	17	-	-	-	44	0.42
	Golden shiner	-	1	-	-	-	1	0.01
	Green sunfish	-	1	-	-	-	1	0.01
	Hickory shad	351	255	6	-	-	612	5.80
	Hybrid striped bass	25	8	-	36	1	70	0.66
	Kingfish genus	-	1	-	-	-	1	0.01
	Largemouth bass	40	467	3	545	-	1,055	10.00
	Lefteye flounder genus	21	25	-	600	-	647	6.12
	Longnose gar	-	105	-	-	-	105	1.00
	Mullet genus	-	6	-	-	-	6	0.06
	Pigfish	-	1	-	-	-	1	0.01
	Pinfish	8	69	-	-	-	77	0.73
	Pumpkinseed	113	17	-	-	-	130	1.23
	Red Drum	13	65	6	558	-	642	6.08
	Redbreast sunfish	6	6	-	-	-	12	0.11
	Redear sunfish	47	12	-	-	-	59	0.56
	Seatrout genus	1	2	-	5	-	8	0.08
	Shad ( <i>Alosa spp.</i> )	-	68	20	1	-	89	0.84
	Sheepshead	-	1	-	-	-	1	0.01
	Silver perch	3	2	-	-	-	5	0.05
	Southern flounder	98	-	-	7	-	105	1.00
	Spanish mackerel	-	1	-	1	-	2	0.02
	Spot	68	57	-	-	-	125	1.18
	Spotted bass	-	1	-	2	-	3	0.03
	Spotted seatrout	300	158	24	844	-	1,326	12.57
	Stingray genus	-	9	-	-	-	9	0.09
	Striped bass	149	290	20	800	155	1,414	13.40
	Striped mullet	7	9	-	-	-	16	0.15
	Summer flounder	1	-	-	27	-	28	0.27
	Sunfish genus	153	417	14	8	-	592	5.61

**Table 115. Reported and observed catches (in numbers) by species and disposition (*continued*).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2014	Threadfin shad	25	1	-	-	-	26	0.25
	Unidentified fish	-	3	-	-	-	3	0.03
	Warmouth	4	5	-	-	-	9	0.09
	Weakfish	-	-	-	3	-	3	0.03
	White bass	-	6	-	2	-	8	0.08
	White catfish	30	1	-	-	-	31	0.29
	White perch	318	68	-	3	-	389	3.69
	White sucker	1	-	-	-	-	1	0.01
	Yellow perch	27	30	-	-	-	57	0.54
	<b>Total</b>	<b>3,606</b>	<b>3,154</b>	<b>100</b>	<b>3,534</b>	<b>156</b>	<b>10,551</b>	<b>100.00</b>

**Table 115. Reported and observed catches (in numbers) by species and disposition (*continued*).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2013	American eel	1	5	-	-	-	6	0.03
	American shad	761	533	19	-	-	1,313	6.72
	Atlantic croaker	72	177	-	-	-	249	1.27
	Atlantic menhaden	-	200	-	-	-	200	1.02
	Black crappie	318	68	6	262	-	654	3.35
	Black drum	10	1	-	-	-	11	0.06
	Blue catfish	165	49	-	-	-	214	1.09
	Bluefish	94	110	-	-	-	204	1.04
	Bluegill	510	372	-	-	-	882	4.51
	Bowfin	6	76	-	-	-	82	0.42
	Brown bullhead catfish	1	-	-	-	-	1	0.01
	Chain pickerel	-	90	-	-	-	90	0.46
	Channel catfish	64	22	-	-	-	86	0.44
	Clearnose skate	-	6	-	-	-	6	0.03
	Common carp	1	-	-	-	-	1	0.01
	Cownose ray	-	10	-	-	-	10	0.05
	Flathead catfish	7	7	-	-	-	14	0.07
	Freshwater catfish genus	26	77	-	-	-	103	0.53
	Gizzard shad	172	49	-	-	-	221	1.13
	Hickory shad	495	672	25	-	-	1,192	6.10
	Hybrid striped bass	32	3	-	35	-	70	0.36
	Largemouth bass	34	744	-	954	-	1,732	8.86
	Lefteye flounder genus	63	17	-	2,013	-	2,093	10.71
	Longnose gar	7	118	-	-	-	125	0.64
	Pinfish	6	167	-	-	-	173	0.89
	Pumpkinseed	28	11	-	-	-	39	0.20
	Red Drum	161	109	19	888	-	1,177	6.02
	Redbreast sunfish	10	2	-	-	-	12	0.06
	Redear sunfish	8	8	-	-	-	16	0.08
	Sea lamprey	1	-	-	-	-	1	0.01
	Shad ( <i>Alosa spp.</i> )	87	580	59	-	-	726	3.71
	Southern flounder	173	-	-	-	-	173	0.89
	Spanish mackerel	-	1	-	2	-	3	0.02
	Spot	84	133	-	-	-	217	1.11
	Spotted seatrout	1,123	230	52	2,341	-	3,746	19.17
	Stingray genus	-	1	-	-	-	1	0.01
	Striped bass	279	337	28	937	117	1,698	8.69
	Striped mullet	7	13	-	-	-	20	0.10
	Summer flounder	2	-	-	8	-	10	0.05
	Sunfish genus	302	1,391	84	20	-	1,797	9.19
	Warmouth	1	1	-	-	-	2	0.01
	Weakfish	-	-	-	2	-	2	0.01
	White Bass	1	4	-	3	-	8	0.04
	White catfish	4	-	-	-	-	4	0.02
	White perch	104	38	-	3	-	145	0.74
	Yellow perch	2	13	-	-	-	15	0.08
	<b>Total</b>	<b>5,222</b>	<b>6,445</b>	<b>292</b>	<b>7,468</b>	<b>117</b>	<b>19,544</b>	<b>100.00</b>



**Table 115. Reported and observed catches (in numbers) by species and disposition (*continued*).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2012	American eel	-	7	-	-	-	7	0.04
	American shad	60	227	-	-	-	287	1.44
	Atlantic croaker	49	189	-	-	-	241	1.21
	Atlantic menhaden	30	270	-	-	-	300	1.51
	Black crappie	186	156	-	77	-	419	2.11
	Black drum	60	57	-	13	-	130	0.65
	Bluefish	11	46	-	-	-	57	0.29
	Bowfin	1	54	-	-	-	55	0.28
	Catfish	90	357	-	-	-	447	2.25
	Chain pickerel	-	22	-	-	-	22	0.11
	Clearnose skate	2	-	-	-	-	2	0.01
	Cownose ray	-	59	-	-	-	59	0.30
	Common carp	1	-	-	-	-	1	0.01
	Gizzard shad	21	20	-	-	-	41	0.21
	Golden shiner	-	1	-	-	-	1	0.01
	Hickory shad	296	854	20	-	-	1,170	5.89
	Hybrid striped bass	7	4	-	35	3	49	0.25
	Kingfishes	-	1	-	-	-	1	0.01
	Largemouth bass	22	415	-	992	-	1,429	7.19
	Longnose gar	-	54	-	-	-	54	0.27
	Pinfish	28	324	-	-	-	352	1.77
	Red drum	20	13	3	2,177	10	2,223	11.19
	Shad species	17	32	-	2	-	51	0.26
	Sheepshead	1	1	-	-	-	2	0.01
	Shorthead redhorse	1	-	-	-	-	1	0.01
	Southern flounder	141	10	1	2,581	-	2,733	13.75
	Spot	34	77	-	-	-	111	0.56
	Spotted seatrout	1,038	304	202	2,427	-	3,971	19.98
	Stingrays	3	4	-	-	-	7	0.04
	Striped bass	222	513	31	1,277	188	2,231	11.23
	Striped mullet	35	51	-	-	-	86	0.43
	Sunfishes	885	1,777	10	29	-	2,701	13.59
	Threadfin shad	60	35	-	-	-	95	0.48
	Weakfish	1	-	-	1	-	2	0.01
	White bass	12	5	-	-	-	17	0.09
	White perch	371	128	-	3	-	502	2.53
	Yellow perch	5	8	-	-	-	13	0.07
	<b>Total</b>	<b>3,710</b>	<b>6,075</b>	<b>267</b>	<b>9,617</b>	<b>201</b>	<b>19,870</b>	<b>100.00</b>

**Table 115. Reported and observed catches (in numbers) by species and disposition (*continued*).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2011	American eel	-	2	-	-	-	2	0.02
	American shad	43	118	-	-	-	161	1.72
	Atlantic croaker	55	204	-	-	-	259	2.76
	Black crappie	171	134	-	71	-	376	4.01
	Black drum	2	1	-	-	-	3	0.03
	Bluefish	3	32	-	-	-	35	0.37
	Bowfin	-	32	-	-	-	32	0.34
	Catfishes	66	34	-	-	-	100	1.07
	Chain pickerel	-	11	-	-	-	11	0.12
	Gizzard shad	1	1	-	-	-	2	0.02
	Hickory shad	175	294	-	-	-	469	5.00
	Hybrid striped bass	8	-	-	-	-	8	0.09
	Largemouth bass	7	367	42	301	-	717	7.64
	Longnose gar	-	40	-	-	-	40	0.43
	Pinfish	3	117	-	-	-	120	1.28
	Red drum	5	2	2	16	-	25	0.27
	Southern flounder	143	5	10	537	-	695	7.41
	Spanish mackerel	24	1	-	4	-	29	0.31
	Spot	60	110	-	-	-	170	1.81
	Spotted seatrout	103	35	4	903	-	1,045	11.13
	Striped bass	254	394	2	1,325	230	2,205	23.49
	Striped mullet	42	35	-	-	-	77	0.82
	Sunfishes	683	1,276	12	51	-	2,022	21.55
	Tarpon	-	1	-	-	-	1	0.01
	White perch	559	211	-	-	-	770	8.20
	Yellow perch	6	5	-	-	-	11	0.12
	<b>Total</b>	<b>2,413</b>	<b>3,462</b>	<b>72</b>	<b>3,208</b>	<b>230</b>	<b>9,385</b>	<b>100.00</b>

**Table 115. Reported and observed catches (in numbers) by species and disposition (*continued*).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2010	Atlantic croaker	148	447	-	-	-	595	5.92
	Black crappie	139	81	-	103	-	323	3.21
	Black drum	4	-	-	-	-	4	0.04
	Bluefish	26	30	-	-	-	56	0.56
	Bowfin	-	16	-	-	-	16	0.16
	Freshwater catfish genus	115	70	-	-	-	185	1.84
	Chain pickerel	-	2	-	-	-	2	0.02
	Common carp	-	2	-	-	-	2	0.02
	Hybrid striped bass	7	-	-	-	-	7	0.13
	Lefteye Flounder Genus	-	-	-	13	-	13	0.07
	Largemouth bass	10	308	4	141	-	463	4.61
	Longnose gar	-	45	-	-	-	45	0.45
	Pigfish	-	6	-	-	-	6	0.06
	Pinfish	3	44	-	-	-	47	0.47
	Red drum	36	11	-	245	-	292	2.9
	Redfin pickerel	-	1	-	-	-	1	0.01
	Southern flounder	274	17	8	1,954	-	2,253	22.41
	Spanish mackerel	8	2	-	4	-	14	0.14
	Spot	15	17	-	-	-	32	0.32
	Spotted seatrout	84	29	8	581	-	702	6.98
	Striped bass	204	246	7	593	62	1,112	11.06
	Striped mullet	13	1	-	-	-	14	0.14
	Sunfishes	1,102	2,414	-	15	-	3,531	35.12
	White perch	173	150	-	-	-	323	3.21
	Yellow perch	6	9	-	-	-	15	0.15
	<b>Total</b>	<b>2,367</b>	<b>3,948</b>	<b>27</b>	<b>3,649</b>	<b>62</b>	<b>10,053</b>	<b>100.00</b>

**Table 115. Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2009	American eel	-	1	-	-	-	1	0.01
	American shad	4	-	-	-	-	4	0.02
	Atlantic croaker	2,134	396	-	-	-	2,530	13.82
	Black crappie	136	46	-	23	-	205	1.12
	Black drum	28	-	-	-	-	28	0.15
	Bluefish	17	66	-	-	-	83	0.45
	Bowfin	-	38	-	-	-	38	0.21
	Freshwater catfish genus	2,104	72	-	-	-	2,176	11.89
	Chain pickerel	-	2	-	-	-	2	0.01
	Common carp	-	3	-	-	-	3	0.02
	Gizzard shad	-	4	-	-	-	4	0.02
	Hickory shad	3	19	-	-	-	22	0.12
	Hybrid striped bass	8	2	-	-	-	10	0.05
	Largemouth bass	8	563	-	130	-	701	3.83
	Longnose gar	-	16	-	-	-	16	0.09
	Pinfish	-	21	-	-	-	21	0.11
	Red drum	35	26	7	339	-	407	2.22
	Redfin pickerel	-	3	-	-	-	3	0.02
	Southern flounder	427	23	-	1,766	-	2,216	12.1
	Spanish mackerel	31	8	-	-	-	39	0.21
	Spot	2,048	59	-	-	-	2,107	11.51
	Spotted seatrout	1,416	125	34	1,487	-	3,062	16.73
	Striped bass	96	348	1	506	103	1,054	5.76
	Striped mullet	1	4	-	-	-	5	0.03
	Sunfishes	904	1,408	-	15	-	2,327	12.71
	Tarpon	-	7	-	-	-	7	0.04
	Weakfish	6	-	-	4	-	10	0.05
	White perch	1,183	27	-	11	-	1,221	6.67
	Yellow perch	2	3	-	-	-	5	0.03
	<b>Total</b>	<b>10,591</b>	<b>3,290</b>	<b>42</b>	<b>4,281</b>	<b>103</b>	<b>18,307</b>	<b>100.00</b>

**Table 115. Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2008	American eel	-	7	-	-	-	7	0.05
	American shad	39	-	-	-	-	39	0.29
	Atlantic croaker	198	274	-	-	-	472	3.54
	Black crappie	238	65	-	44	-	347	2.60
	Black drum	94	6	-	-	-	100	0.75
	Bluefish	24	84	-	-	-	108	0.81
	Bowfin	-	38	-	-	-	38	0.28
	Freshwater catfish genus	118	331	-	-	-	449	3.37
	Chain pickerel	-	10	-	-	-	10	0.07
	Gizzard shad	-	4	-	-	-	4	0.03
	Hickory shad	67	34	-	-	-	101	0.76
	Hybrid striped bass	4	-	-	-	-	4	0.03
	Largemouth bass	52	824	2	206	-	1,084	8.13
	Longnose gar	-	17	-	-	-	17	0.13
	Red drum	30	34	6	294	-	364	2.73
	Southern flounder	395	18	-	2,278	-	2,691	20.17
	Spanish mackerel	48	5	-	156	-	209	1.57
	Spot	98	29	-	-	-	127	0.95
	Spotted seatrout	1,210	55	42	1,664	-	2,971	22.27
	Striped bass	59	292	23	971	4	1,349	10.11
	Striped mullet	6	2	-	-	-	8	0.06
	Sunfishes	906	1,620	-	30	-	2,556	19.16
	Weakfish	38	8	-	79	-	125	0.94
	White perch	145	12	-	-	-	157	1.18
	Yellow perch	-	2	2	-	-	4	0.03
	<b>Total</b>	<b>3,769</b>	<b>3,771</b>	<b>75</b>	<b>5,722</b>	<b>4</b>	<b>13,341</b>	<b>100.00</b>

**Table 115. Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2007	American eel	-	-	-	1	-	1	0.01
	American shad	15	1	-	-	-	16	0.10
	Atlantic croaker	199	405	-	-	-	604	3.80
	Black crappie	210	60	-	16	-	286	1.80
	Bluefish	30	155	-	-	-	185	1.17
	Bowfin	-	101	-	-	-	101	0.64
	Freshwater catfish genus	114	343	-	-	-	457	2.88
	Chain pickerel	-	10	-	-	-	10	0.06
	Creek chubsucker	-	3	-	-	-	3	0.02
	<i>Cynoscion</i> spp.	-	-	-	2	-	2	0.01
	Gizzard shad	-	2	-	-	-	2	0.01
	Hickory shad	6	11	-	-	-	17	0.11
	Hybrid striped bass	14	-	-	171	-	185	1.17
	Largemouth bass	71	1,025	2	315	-	1,413	8.90
	Longnose gar	-	27	-	-	-	27	0.17
	Pinfish	-	15	-	-	-	15	0.09
	Red drum	66	55	7	532	-	660	4.16
	Redfin pickerel	2	6	-	-	-	8	0.05
	Southern flounder	170	33	2	1,382	-	1,587	9.99
	Spanish mackerel	-	1	-	-	-	1	0.01
	Spot	232	245	-	-	-	477	3.00
	Spotted seatrout	1,578	60	19	2,010	-	3,667	23.09
	Striped bass	192	96	12	2,139	-	2,439	15.36
	Striped mullet	10	17	-	-	-	27	0.17
	Sunfishes	970	2,191	-	58	-	3,219	20.27
	Weakfish	16	1	-	43	-	60	0.38
	White perch	265	97	-	21	-	383	2.41
	Yellow perch	5	21	-	-	-	26	0.16
	<b>Total</b>	<b>4,165</b>	<b>4,981</b>	<b>42</b>	<b>6,690</b>	<b>-</b>	<b>15,878</b>	<b>100.00</b>

**Table 116. Percent of reported targeted species by year.**

Target species	2015	2014	2013	2012	2011	2010	2009	2008	2007	Percent of all years
American eel	-	-	-	-	0.1	-	-	-	-	0.01
American shad	0.7	1	0.4	1.3	8.4	-	-	0.3	0.1	1.08
Atlantic croaker	0.0	0.2	0	0.1	0.2	0.6	-	0.1	0.2	0.16
Black crappie	2.8	3.1	1.6	2	3.3	3.3	2.4	3	2.1	2.52
Black drum	-	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.1	0.16
Bluefish	-	<0.1	0.5	-	-	-	-	0.1	-	0.08
Bluegill	1.0	0.7	-	-	-	-	-	-	-	0.14
Bowfin	0.2	0.1	-	0.1	-	-	-	-	-	0.04
Catfishes	11.9	7.6	7.9	6.8	0.8	1.1	0.8	1.8	0.7	4.46
Cownose ray	-	-	-	<0.1	-	-	-	-	-	<0.01
Creek chubsucker	-	-	-	-	-	-	-	-	0.1	0.01
Flounders	2.3	5.3	4.3	4.3	9.5	16.5	9.8	8.7	3.3	6.99
Gizzard shad	0.2	0.1	0.1	0.1	-	-	-	-	-	0.05
Hickory shad	0.6	0.4	0.4	7.3	0.7	1.8	2.1	2.4	0.4	1.95
Hybrid striped bass	-	-	-	-	-	-	-	-	0.1	0.01
Largemouth bass	13.8	11.4	8	11.2	9.6	18.4	14.2	19.1	22	14.04
Longnose Gar	0.1	-	-	-	-	-	-	-	-	0.01
Pinfish	-	-	-	<0.1	-	-	-	-	-	<0.01
Red drum	0.6	0.8	2.2	1.6	1.2	3.3	1.5	1.7	1.8	1.74
Redbreast Sunfish	0.1	-	-	-	-	-	-	-	-	0.01
Redear Sunfish	0.1	-	-	-	-	-	-	-	-	0.01
Shad	29.6	22.3	24.6	9.7	-	-	-	-	-	9.91
Spanish mackerel	-	0.1	0.1	-	0.5	0.7	0.6	0.6	0.1	0.28
Spot	0.1	0.2	0.2	-	0.2	0.2	0.1	0.1	0.8	0.22
Spotted seatrout	7.0	18.7	28.3	26.3	10.2	9.1	40.1	33.9	35.4	24.42
Stingrays	-	-	-	<0.1	-	-	-	-	-	<0.01
Striped bass	18.3	20.1	15.7	19.7	44.1	31.4	18.8	18.9	26	22.83
Striped mullet	0.1	-	-	0.1	0.2	-	-	-	0.1	0.05
Summer Flounder	1.0	-	0.2	-	-	-	-	-	-	0.10
Sunfishes	8.3	6.50	4.6	7.7	6.8	10.3	7.2	6.9	5.4	6.94
Tarpon	-	0.2	0.2	0.1	0.5	1.3	1	0.4	-	0.40
Threadfin Shad	0.1	-	-	-	-	-	-	-	-	0.01
Weakfish	-	-	-	-	-	-	-	1	-	0.10
White perch	1.0	1.1	0.4	1.2	3.4	1.8	1.2	0.7	1.5	1.26
Yellow perch	0.2	-	-	-	0.1	-	-	-	0.1	0.03
Total number Trips	1,030	1,639	2,483	2,123	1,125	1,808	1,433	1,531	1,845	100.00

**Table 117. Estimated striped bass effort and catch in the CSMA.**

Year	Month	Total Fishing Trips	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2015	Jan	5,168	2,917	11,748	709	2,613	278	-	3,113	54	4,155
	Feb	3,885	1,549	7,239	451	1,696	89	-	1,536	24	2,100
	Mar	15,483	1,422	7,253	585	2,062	268	-	564	115	1,532
	Apr	18,494	3,322	11,024	507	1,830	122	-	1,385	303	2,316
	May	19,475	514	1,455	56	211	544	-	36	107	743
	Jun	7,836	426	1,918	-	-	565	-	456	-	1,021
	Jul	7,356	350	1,655	-	-	3,602	-	397	17	4,016
	Aug	8,557	611	2,286	-	-	153	-	205	-	358
	Sep	5,357	414	1,718	-	-	1,189	-	1,442	-	2,630
	Oct	7,165	2,100	10,640	289	1,018	601	-	3,749	145	4,784
	Nov	6,207	1,964	9,682	526	1,904	108	-	3,930	13	4,576
	Dec	6,299	3,062	14,673	781	2,819	696	40	6,260	47	7,824
	<b>Total</b>	<b>111,281</b>	<b>18,652</b>	<b>81,292</b>	<b>3,904</b>	<b>14,152</b>	<b>8,215</b>	<b>40</b>	<b>23,072</b>	<b>825</b>	<b>36,057</b>
2014	Jan	2,280	1,259	4,973	329	1,284	58	-	49	45	481
	Feb	9,136	2,020	7,484	511	2,097	524	103	513	237	1,888
	Mar	16,521	2,768	13,155	772	3,181	664	341	2,380	680	4,837
	Apr	15,961	2,464	13,448	603	2,501	932	144	2,542	126	4,347
	May	12,216	599	2,811	-	-	733	-	1,032	20	1,785
	Jun	5,737	391	1,755	-	-	480	-	522	-	1,002
	Jul	4,361	59	89	-	-	101	-	187	-	288
	Aug	5,391	501	1,694	-	-	1,000	-	1,553	-	2,553
	Sep	2,832	254	720	-	-	2,219	-	75	-	2,294
	Oct	7,170	2,357	9,043	104	381	50	-	2,624	14	2,792
	Nov	5,296	1,460	6,520	578	2,363	929	177	3,923	93	5,700
	Dec	7,746	1,957	10,064	405	1,547	314	-	4,206	407	5,332
	<b>Total</b>	<b>94,647</b>	<b>16,090</b>	<b>71,755</b>	<b>3,302</b>	<b>13,355</b>	<b>8,005</b>	<b>765</b>	<b>19,606</b>	<b>1,622</b>	<b>33,300</b>
2013	Jan	5,932	2,541	10,032	742	2,535	136	-	2,471	253	3,602
	Feb	7,384	2,031	9,392	748	2,654	156	97	2,342	745	4,088
	Mar	32,823	3,253	13,766	808	3,021	149	-	1,599	110	2,666
	Apr	30,203	4,029	16,509	1,106	3,912	92	-	3,529	178	4,905
	May	12,042	265	899	-	-	758	-	1,009	20	1,787
	Jun	3,447	272	1,138	-	-	1,199	-	1,323	-	2,522
	Jul	5,830	668	2,203	-	-	336	-	1,213	-	1,549
	Aug	10,123	1,286	6,971	-	-	2,517	-	1,157	534	4,208
	Sep	8,496	387	1,181	-	-	4,340	-	2,144	-	6,484
	Oct	5,570	2,029	8,589	1,041	3,830	328	32	1,072	314	2,787
	Nov	6,613	1,247	5,299	487	1,672	310	127	693	81	1,698
	Dec	6,790	2,299	10,591	498	1,779	296	185	879	68	1,926
	<b>Total</b>	<b>135,254</b>	<b>20,308</b>	<b>86,571</b>	<b>5,430</b>	<b>19,403</b>	<b>10,616</b>	<b>442</b>	<b>19,430</b>	<b>2,304</b>	<b>38,222</b>



**Table 117. Estimated striped bass effort and catch in the CSMA (continued).**

Year	Month	Total Fishing Trips	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2012	Jan	6,516	3,642	14,343	1,039	4,039	377	7	2,908	660	4,990
	Feb	13,229	2,628	8,377	616	2,619	728	189	3,081	522	5,137
	Mar	22,454	2,119	7,603	406	1,680	698	-	1,224	394	2,722
	Apr	17,041	2,616	12,606	424	1,945	103	-	1,129	592	2,249
	May	10,221	1,007	3,014	34	-	1,054	-	2,671	45	3,804
	Jun	7,080	182	743	41	112	400	-	844	-	1,284
	Jul	3,940	787	2,417	-	-	6,277	-	2,416	-	8,693
	Aug	5,649	299	1,400	-	-	809	-	2,486	-	3,295
	Sep	8,503	1,040	4,612	15	-	2,247	-	2,719	30	5,011
	Oct	4,221	1,411	6,463	357	1,069	237	-	761	83	1,437
	Nov	6,069	1,079	3,903	519	1,964	313	144	3,248	169	4,394
	Dec	5,692	1,524	6,384	440	1,746	392	17	2,805	478	4,133
	<b>Total</b>	<b>110,615</b>	<b>18,334</b>	<b>71,865</b>	<b>3,891</b>	<b>15,174</b>	<b>13,635</b>	<b>357</b>	<b>26,292</b>	<b>2,973</b>	<b>47,149</b>
2011	Jan	2,033	994	3,838	179	719	89	-	115	264	647
	Feb	5,544	2,743	11,954	519	1,862	223	-	1,569	522	2,833
	Mar	5,130	1,142	4,300	97	434	150	-	625	190	1,062
	Apr	3,278	437	2,148	146	227	367	-	943	91	1,547
	May	6,479	202	465	-	-	586	-	849	43	1,478
	Jun	3,748	423	1,895	-	-	1,380	-	616	222	2,218
	Jul	3,022	177	683	-	-	550	-	542	103	1,195
	Aug	3,432	100	356	-	-	312	-	336	57	705
	Sep	951	226	554	-	-	1,025	-	20	-	1,045
	Oct	2,071	905	3,696	182	366	168	-	1,288	24	1,662
	Nov	5,547	3,330	13,356	761	2,543	278	-	6,720	178	7,937
	Dec	4,011	1,929	8,295	843	3,325	268	-	3,038	434	4,583
	<b>Total</b>	<b>45,246</b>	<b>12,608</b>	<b>51,540</b>	<b>2,727</b>	<b>9,476</b>	<b>5,396</b>	<b>-</b>	<b>16,661</b>	<b>2,128</b>	<b>26,912</b>
2010	Jan	1,524	842	3,661	258	1,104	242	-	639	63	1,202
	Feb	293	247	835	147	583	14	-	349	46	556
	Mar	2,757	1,076	4,263	413	1,674	153	6	982	95	1,649
	Apr	4,545	1,296	4,998	289	1,088	0	7	638	36	970
	May	7,494	266	1,772	263	-	136	-	78	-	477
	Jun	2,303	47	135	-	-	382	-	20	-	402
	Jul	3,338	62	212	-	-	241	-	198	-	439
	Aug	4,195	459	1,315	-	-	970	-	128	-	1,098
	Sep	3,927	-	-	-	-	55	-	21	21	97
	Oct	2,765	745	2,718	92	146	83	-	730	88	993
	Nov	3,450	750	2,730	140	426	119	5	794	6	1,064
	Dec	926	769	2,716	155	515	5	11	624	5	800
	<b>Total</b>	<b>37,517</b>	<b>6,559</b>	<b>25,355</b>	<b>1,757</b>	<b>5,536</b>	<b>2,400</b>	<b>29</b>	<b>5,201</b>	<b>360</b>	<b>9,747</b>

**Table 117. Estimated striped bass effort and catch in the CSMA (continued).**

Year	Month	Total Fishing Trips	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2009	Jan	2,090	509	2,355	78	261	36	7	236	139	496
	Feb	3,656	1,044	5,230	108	356	51	-	765	251	1,175
	Mar	4,022	667	2,588	102	379	47	-	230	85	464
	Apr	7,409	655	3,543	38	130	4	-	140	198	380
	May	5,171	419	1,770	-	-	442	-	359	-	801
	Jun	4,710	84	626	-	-	564	-	70	-	634
	Jul	2,951	6	29	-	-	15	-	67	-	82
	Aug	2,484	30	145	-	-	229	-	269	14	512
	Sep	2,420	25	149	-	-	321	-	1,019	-	1,340
	Oct	4,289	998	5,945	278	947	46	-	448	-	772
	Nov	4,002	836	3,097	51	181	13	-	208	-	272
	Dec	2,703	367	1,130	240	809	0	-	662	31	933
Total		45,907	5,640	26,607	895	3,063	1,768	7	4,473	718	7,861
2008	Jan	1,826	1,198	4,325	129	388	-	-	2,910	-	3,039
	Feb	3,013	1,011	4,371	124	424	14	-	1,850	-	1,988
	Mar	5,715	436	2,053	19	66	-	-	407	-	426
	Apr	4,401	441	2,057	13	39	-	-	533	-	546
	May	7,289	765	3,568	63	235	919	-	1,973	37	2,992
	Jun	5,630	234	893	44	144	23	-	442	-	509
	Jul	4,539	228	924	-	-	1,278	2,838	208	-	4,324
	Aug	5,454	256	1,082	-	-	605	-	359	-	964
	Sep	2,825	68	410	-	-	170	-	505	-	675
	Oct	5,433	882	4,052	125	412	26	-	1,147	-	1,298
	Nov	3,700	535	2,592	142	659	272	-	1,077	3	1,494
	Dec	3,063	566	2,088	184	623	9	-	307	51	551
Total		52,888	6,620	28,415	843	2,990	3,316	2,838	11,718	91	18,806
2007	Jan	3,621	1,527	5,084	1,019	3,095	503	-	1,708	-	3,230
	Feb	2,211	1,276	6,199	176	509	231	-	4,975	-	5,382
	Mar	4,341	1,853	8,790	424	643	53	-	2,157	-	2,634
	Apr	9,586	1,612	6,346	229	891	-	-	2,084	-	2,313
	May	8,195	877	3,694	164	802	70	-	3,416	-	3,650
	Jun	8,221	603	2,415	295	989	189	-	706	-	1,190
	Jul	6,666	814	3,365	394	1,116	274	-	1,735	-	2,403
	Aug	3,766	615	2,866	278	790	187	-	871	-	1,336
	Sep	4,133	142	838	69	205	12	-	320	-	401
	Oct	4,129	842	3,330	313	1,049	114	140	632	-	1,199
	Nov	5,255	261	998	77	249	14	7	1,341	-	1,439
	Dec	5,639	552	2,729	162	456	59	-	1,726	-	1,947
Total		65,763	10,974	46,654	3,600	10,794	1,706	147	21,671	-	27,124

**Table 118. Estimated effort, harvest, and discards for striped bass in the Neuse River by month.**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2015	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	17	17	-	-	-	-	-	-	-
		Apr	292	625	171	612	-	-	-	-	171
		May	129	419	-	-	-	-	-	-	-
		Total	439	1,061	171	612	-	-	-	-	-
	Middle	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	17	59	-	-	28	-	45
		Apr	118	583	33	118	-	-	-	69	102
		May	-	-	-	-	89	-	-	107	196
		Total	118	583	49	178	89	-	28	176	342
	Lower	Jan	842	2,609	174	605	-	-	994	54	1,222
		Feb	371	1,660	36	127	-	-	97	24	158
		Mar	544	4,522	498	1,736	103	-	200	-	802
		Apr	465	1,122	-	-	0	-	127	-	127
		May	60	122	-	-	64	-	-	-	64
		Jun	197	426	-	-	0	-	431	-	431
		Jul	251	1,071	-	-	1,523	-	363	-	1,887
		Aug	542	2,236	-	-	99	-	32	-	131
		Sep	313	1,417	-	-	676	-	991	-	1,667
		Oct	1,077	3,540	16	57	584	-	458	113	1,172
		Nov	602	2,891	151	527	58	-	621	13	843
		Dec	862	4,722	282	981	58	-	594	21	954
		Total	6,127	26,338	1,158	4,033	3,165	-	4,909	225	9,457

**Table 118. Estimated effort, harvest, and discards for striped bass in the Neuse River by month (continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2014	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	28	28	-	-	-	-	-	-	-
		Apr	398	809	130	1,298	-	-	-	-	130
		May	199	398	-	-	-	-	-	-	-
		Total	625	1,235	130	1,298	-	-	-	-	130
	Middle	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	132	468	-	-	-	-	37	-	37
		Apr	-	-	-	-	-	-	-	-	-
		May	-	-	-	-	-	-	-	-	-
		Total	132	468	-	-	-	-	37	-	37
	Lower	Jan	583	2,605	64	293	38	-	33	38	173
		Feb	957	3,119	42	192	-	-	206	24	272
		Mar	1,371	6,913	474	2,161	588	-	1,893	647	3,602
		Apr	1,114	9,098	179	816	115	-	385	82	761
		May	224	1,595	-	-	439	-	840	-	1,279
		Jun	340	1,471	-	-	299	-	430	-	729
		Jul	59	89	-	-	69	-	34	-	103
		Aug	215	1,091	-	-	872	-	528	-	1,400
		Sep	115	338	-	-	56	-	-	-	56
		Oct	1,054	3,358	-	-	-	-	353	-	353
		Nov	659	2,262	275	1,254	481	-	401	-	1,157
		Dec	571	2,726	44	203	151	-	617	220	1,032
		Total	7,262	34,665	1,078	4,916	3,108	-	5,720	1,011	10,917

**Table 118. Estimated effort, harvest, and discards for striped bass in the Neuse River by month  
(continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2013	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	39	20	-	-	-	-	-	-	-
		Apr	424	1,071	46	177	-	-	46	66	112
		May	-	-	-	-	-	-	-	-	-
		Total	Total	463	46	177	-	-	-	66	112
	Middle	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	49	-	-	49
		Mar	95	362	-	-	-	-	103	25	128
		Apr	19	61	-	-	-	-	140	-	140
		May	-	-	-	-	-	-	-	-	-
		Total	114	423	319	-	-	-	292	25	317
	Lower	Jan	1,429	4,401	322	1,070	24	-	197	70	613
		Feb	837	3,689	244	923	66	-	229	135	674
		Mar	1,146	6,119	697	2,635	80	-	937	-	1,714
		Apr	639	3,281	339	1,282	72	-	1,210	-	1,621
		May	18	22	-	-	66	-	39	-	105
		Jun	210	871	-	-	23	-	387	-	410
		Jul	602	2,086	-	-	281	-	1,093	-	1,374
		Aug	1,233	6,835	-	-	2,088	-	751	534	3,373
		Sep	264	662	-	-	223	-	725	-	948
		Oct	1,590	7,037	521	2,031	139	-	263	279	1,202
		Nov	604	2,442	181	683	201	127	222	64	795
		Dec	1,206	5,733	190	716	26	185	291	-	692
		Total	9,779	43,178	2,494	9,340	3,288	312	6,343	1,081	13,518

**Table 118. Estimated effort, harvest, and discards for striped bass in the Neuse River by month  
(continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2012	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	-	-	-
		Apr	531	2,395	146	671	-	-	36	108	290
		May	-	-	-	-	-	-	-	-	-
		Total	531	2,395	146	671	-	-	36	108	290
	Middle	Jan	-	-	-	-	-	-	-	-	-
		Feb	37	37	16	66	-	-	-	-	16
		Mar	113	518	19	79	-	19	56	-	94
		Apr	-	-	19	88	-	-	-	-	19
		May	-	-	-	-	-	-	-	-	-
		Total	150	555	54	236	-	19	56	-	129
	Lower	Jan	1,010	4,190	494	1,854	7	961	93	74	1,630
		Feb	1,388	4,380	201	853	189	1,963	620	64	3,038
		Mar	523	1,902	91	375	-	128	30	66	315
		Apr	349	2,891	80	364	-	449	19	72	620
		May	727	2,206	-	-	-	1,851	129	45	2,025
		Jun	73	333	41	112	-	361	63	-	465
		Jul	787	2,417	-	-	-	2,183	6,277	-	8,461
		Aug	271	1,276	-	-	-	2,178	759	-	2,936
		Sep	996	4,354	15	-	-	1,770	1,474	30	3,288
		Oct	799	3,781	186	558	-	167	28	72	453
		Nov	450	1,349	79	306	144	1,096	54	68	1,441
		Dec	651	2,497	97	384	-	521	101	50	768
				Total	8,024	31,576	1,284	4,806	340	13,628	9,647

**Table 118. Estimated effort, harvest, and discards for striped bass in the Neuse River by month (continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2011	Lower	Jan	300	912	52	214	-	-	79	-	131
		Feb	1,269	4,404	299	1,166	41	-	647	395	1,382
		Mar	502	1,420	-	-	-	-	49	40	89
		Apr	209	859	-	-	329	-	308	-	637
		May	184	415	-	-	277	-	369	-	646
		Jun	277	976	-	-	1,201	-	462	222	1,885
		Jul	137	482	-	-	232	-	252	103	587
		Aug	19	151	-	-	-	-	86	57	143
		Sep	96	147	-	-	189	-	6	-	195
		Oct	468	2,193	57	178	117	-	822	18	1,014
		Nov	1,147	4,544	359	1,186	28	-	2,792	70	3,249
		Dec	1,049	4,890	313	1,065	20	-	1,554	8	1,895
Total		5,657	21,393	1,080	3,809	2,434	-	7,426	913	11,853	
2010	Lower	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	-	-	-
		Apr	805	2,561	71	252	-	-	-	-	71
		May	205	1,593	-	-	27	-	-	-	27
		Jun	18	61	-	-	320	-	-	-	320
		Jul	24	71	-	-	33	-	-	-	33
		Aug	357	1,116	-	-	968	-	103	-	1,071
		Sep	-	-	-	-	-	-	-	-	-
		Oct	243	1,056	13	42	52	-	111	13	189
		Nov	275	1,328	-	-	40	-	170	-	210
		Dec	413	1,391	25	67	-	-	315	-	340
Total		2,340	9,177	109	361	1,440	-	699	13	2,261	
2009	Lower	Jan	-	-	-	-	-	-	31	-	31
		Feb	163	636	-	-	-	-	74	-	74
		Mar	191	736	-	-	-	-	-	-	-
		Apr	413	2,480	-	-	-	-	13	138	151
		May	383	1,587	-	-	239	-	83	-	322
		Jun	62	506	-	-	465	-	23	-	488
		Jul	-	-	-	-	-	-	-	-	-
		Aug	-	-	-	-	-	-	-	-	-
		Sep	-	-	-	-	-	-	-	-	-
		Oct	648	4,575	164	578	-	-	219	-	383
		Nov	529	2,284	-	-	-	-	-	-	-
		Dec	85	191	85	290	-	-	-	-	85
Total		2,474	12,995	249	868	704	-	443	138	1,534	

**Table 118. Estimated effort, harvest, and discards for striped bass in the Neuse River by month (continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2008	Lower	Jan	536	2,068	97	301	-	-	1,267	-	1,364
		Feb	541	1,960	37	90	-	-	459	-	496
		Mar	359	1,724	12	66	-	-	144	-	156
		Apr	109	435	-	-	-	-	-	-	-
		May	407	1,801	-	-	919	-	1,246	-	2,165
		Jun	98	117	-	-	-	-	269	-	269
		Jul	164	164	641	-	-	1,060	2,838	-	-
		Aug	190	756	-	-	445	-	112	-	557
		Sep	-	-	-	-	-	-	-	-	-
		Oct	499	2,222	-	-	26	-	677	-	703
		Nov	125	767	110	562	-	-	548	-	658
		Dec	146	463	149	491	-	-	79	51	279
		Total	3,174	12,954	405	1,510	2,450	2,838	4,801	51	10,545
2007	Lower	Jan	972	2,798	869	2,674	486	-	464	-	1,819
		Feb	384	1,774	103	216	182	-	135	-	420
		Mar	529	2,864	276	-	11	-	320	-	607
		Apr	616	3,295	135	462	-	-	121	-	256
		May	340	1,556	-	-	70	-	329	-	399
		Jun	190	619	190	678	127	-	32	-	349
		Jul	576	2,510	365	1,010	274	-	1,313	-	1,952
		Aug	431	2,114	273	774	187	-	704	-	1,164
		Sep	-	-	-	-	-	-	126	-	126
		Oct	595	1,662	259	888	114	140	509	-	1,022
		Nov	80	181	66	210	9	-	311	-	386
		Dec	252	1,593	80	203	24	-	494	-	598
		Total	4,965	20,966	2,616	7,115	1,484	140	4,858	-	9,098



**Table 119. Estimated effort, harvest, and discards for striped bass in the Tar/Pamlico River by month.**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2015	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	60	-	60
		Apr	1,380	5,231	175	630	-	-	382	194	751
		May	31	92	-	-	-	-	-	-	-
		Total	1,411	5,324	175	630	-	-	441	194	810
2015	Lower	Jan	1,983	8,828	499	1,886	278	-	1,818	-	2,595
		Feb	1,155	5,427	415	1,569	89	-	1,439	-	1,943
		Mar	690	1,922	70	267	143	-	276	115	604
		Apr	1,024	3,144	92	348	-	-	714	40	846
		May	215	722	56	211	391	-	-	-	446
		Jun	229	1,492	-	-	565	-	-	-	565
		Jul	99	583	-	-	2,071	-	33	17	2,121
		Aug	69	51	-	-	50	-	116	-	167
		Sep	100	301	-	-	455	-	89	-	544
		Oct	782	5,503	115	436	-	-	583	32	730
		Nov	1,197	6,183	277	1,048	17	-	2,380	-	2,675
		Dec	2,074	9,360	403	1,517	600	40	4,556	26	5,625
		Total	9,617	43,515	1,927	7,282	4,659	40	12,004	230	18,860
2014	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	-	-	-
		Apr	334	1,001	-	-	108	-	-	13	121
		May	-	-	-	-	-	-	-	-	-
		Total	334	1,001	-	-	108	-	-	13	121
2014	Lower	Jan	652	2,296	265	992	20	-	17	7	309
		Feb	1,051	4,324	469	1,905	524	103	308	213	1,617
		Mar	1,031	4,842	277	950	70	310	448	30	1,135
		Apr	480	1,707	276	1,033	-	144	1,453	31	1,904
		May	-	-	-	-	52	-	104	20	176
		Jun	-	-	-	-	-	-	44	-	44
		Jul	-	-	-	-	28	-	48	-	76
		Aug	286	602	-	-	103	-	982	-	1,085
		Sep	132	368	-	-	703	-	75	-	778
		Oct	1,103	4,715	76	285	50	-	2,137	-	2,263
		Nov	718	3,831	204	765	303	177	3,411	59	4,154
		Dec	1,289	6,814	336	1,256	95	-	3,516	162	4,109
		Total	6,742	29,499	1,903	7,186	1,948	734	12,543	522	17,650

**Table 119. Estimated effort, harvest, and discards for striped bass in the Tar/Pamlico River by month (continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2013	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	246	1,088	-	-	-	-	-	-	-
		Apr	1,132	4,415	217	753	-	20	208	73	301
		May	-	-	-	-	-	-	-	-	-
		Total	1,378	5,503	217	753	-	20	208	73	301
	Lower	Jan	899	4,548	371	1,298	112	-	2,215	154	2,852
		Feb	1,143	5,477	496	1,707	90	97	2,026	610	3,319
		Mar	1,711	6,134	110	386	69	-	513	80	772
		Apr	1,595	6,238	411	1,382	0	-	1,165	23	1,599
		May	82	407	-	-	366	-	890	20	1,276
		Jun	50	183	-	-	1,149	-	884	-	2,033
		Jul	63	105	-	-	0	-	25	-	25
		Aug	52	136	-	-	424	-	278	-	702
		Sep	123	519	-	-	3,808	-	1,391	-	5,199
		Oct	353	1,185	244	854	164	32	142	29	611
		Nov	498	1,679	89	313	10	-	194	-	293
		Dec	869	3,604	157	551	186	-	427	68	838
		Total	7,438	30,216	1,878	6,492	6,378	130	10,149	983	19,518
2012	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	105	371	-	-	-	-	-	-	-
		Mar	393	846	-	-	-	89	-	-	89
		Apr	498	1,931	126	580	-	13	49	364	552
		May	73	183	-	-	-	37	-	-	37
		Total	1,069	3,331	126	580	-	139	49	364	678
	Lower	Jan	2,529	9,846	525	2,114	-	1,753	284	545	3,107
		Feb	1,013	3,218	399	1,700	-	1,052	108	458	2,017
		Mar	1,084	4,319	264	1,096	-	844	604	328	2,040
		Apr	1,168	5,081	53	243	-	419	-	48	520
		May	187	490	-	-	-	589	910	-	1,499
		Jun	110	410	-	-	-	414	306	-	720
		Jul	-	-	-	-	-	71	-	-	71
		Aug	28	124	-	-	-	91	-	-	91
		Sep	17	64	-	-	-	527	519	-	1,046
		Oct	421	1,516	49	146	-	503	187	-	739
		Nov	545	2,219	321	1,177	-	1,815	242	87	2,465
		Dec	765	3,394	310	1,230	17	2,050	291	407	3,075
		Total	7,867	30,681	1,921	7,706	17	10,128	3,451	1,873	17,390

**Table 119. Estimated effort, harvest, and discards for striped bass in the Tar/Pamlico River by month (continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)	
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot		
2011	Lower	Jan	660	2,833	127	504	89	-	36	264	516	
		Feb	1,473	7,551	210	696	182	-	922	127	1,441	
		Mar	593	2,723	86	381	140	-	561	128	915	
		Apr	100	492	83	-	25	-	518	91	717	
		May	17	50	-	-	277	-	408	38	723	
		Jun	-	-	-	-	-	-	-	-	-	-
		Jul	23	88	-	-	316	-	290	-	606	
		Aug	81	204	-	-	305	-	241	-	546	
		Sep	104	157	-	-	836	-	-	-	836	
		Oct	281	910	70	-	23	-	320	-	413	
		Nov	2,063	8,007	217	783	246	9	3,624	108	4,204	
		Dec	814	3,243	441	1,889	248	-	1,142	368	2,199	
		Total	6,209	26,258	1,234	4,253	2,687	9	8,062	1,124	13,116	
2010	Lower	Jan	736	3,469	258	1,104	242	-	591	63	1,154	
		Feb	217	725	136	546	14	-	349	46	545	
		Mar	1,056	4,097	396	1,581	153	6	982	95	1,632	
		Apr	466	2,348	188	761	-	-	572	36	796	
		May	46	69	263	-	87	-	29	-	379	
		Jun	28	74	-	-	7	-	10	-	17	
		Jul	38	141	-	-	195	-	-	-	195	
		Aug	102	199	-	-	-	-	10	-	10	
		Sep	-	-	-	-	31	-	10	21	62	
		Oct	438	1,379	48	-	30	-	504	66	648	
		Nov	471	1,387	111	340	79	5	581	6	782	
		Dec	315	1,214	110	364	5	11	287	5	418	
		Total	3,913	15,102	1,510	4,696	843	22	3,925	338	6,638	
2009	Lower	Jan	399	1,865	26	80	36	-	173	79	314	
		Feb	750	4,102	78	259	51	-	667	195	991	
		Mar	247	1,016	50	195	37	-	109	-	196	
		Apr	212	863	-	-	-	-	86	-	86	
		May	35	183	-	-	-	-	10	-	10	
		Jun	23	120	-	-	33	-	15	-	48	
		Jul	6	29	-	-	-	-	-	-	-	
		Aug	19	117	-	-	142	-	222	-	364	
		Sep	25	149	-	-	154	-	214	-	368	
		Oct	190	563	19	60	46	-	96	-	161	
		Nov	307	814	6	18	13	-	208	-	227	
		Dec	199	653	54	182	-	-	547	14	615	
		Total	2,412	10,474	233	794	512	-	2,347	288	3,380	

**Table 119. Estimated effort, harvest, and discards for striped bass in the Tar/Pamlico River by month (continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2008	Lower	Jan	545	1,976	7	17	-	-	1,231	-	1,238
		Feb	384	1,939	52	210	14	-	1,081	-	1,147
		Mar	42	224	8	-	-	-	183	-	191
		Apr	289	1,465	-	-	-	-	494	-	494
		May	289	1,395	52	187	-	-	263	37	352
		Jun	123	738	-	-	23	-	156	-	179
		Jul	65	283	-	-	81	-	199	-	280
		Aug	66	326	-	-	79	-	156	-	235
		Sep	68	410	-	-	87	-	440	-	527
		Oct	313	1,452	28	130	-	-	420	-	448
		Nov	375	1,683	11	39	11	-	369	-	391
		Dec	340	1,392	17	64	-	-	146	-	163
				<b>Total</b>	<b>2,899</b>	<b>13,283</b>	<b>175</b>	<b>647</b>	<b>295</b>	<b>-</b>	<b>5,138</b>
2007	Lower	Jan	249	1,011	41	98	17	-	352	-	410
		Feb	773	3,934	49	206	50	-	4,382	-	4,481
		Mar	1,181	5,309	100	487	42	-	1,589	-	1,731
		Apr	851	2,489	69	363	-	-	1,740	-	1,809
		May	372	1,384	72	458	-	-	2,812	-	2,884
		Jun	-	-	-	-	-	-	27	-	27
		Jul	50	181	10	32	-	-	111	-	121
		Aug	115	508	-	-	-	-	116	-	116
		Sep	46	145	-	-	-	-	21	-	21
		Oct	137	615	-	-	-	-	25	-	25
		Nov	167	703	-	-	5	-	532	-	537
		Dec	203	722	5	11	-	-	686	-	691
				<b>Total</b>	<b>4,144</b>	<b>17,001</b>	<b>346</b>	<b>1,655</b>	<b>114</b>	<b>-</b>	<b>12,393</b>

**Table 120. Estimated effort, harvest, and discards for striped bass in the Pungo River by month.**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2015	Pungo	Jan	93	312	37	122	-	-	302	-	339
		Feb	23	153	-	-	-	-	-	-	-
		Mar	59	371	-	-	-	-	-	-	-
		Apr	24	137	37	122	122	-	-	-	158
		May	-	-	-	-	-	-	22	-	22
		Jun	-	-	-	-	-	-	25	-	25
		Jul	-	-	-	-	8	-	-	-	8
		Aug	-	-	-	-	4	-	57	-	60
		Sep	-	-	-	-	58	-	361	-	419
		Oct	241	1,597	158	525	17	-	2,707	-	2,882
		Nov	166	608	98	329	32	-	929	-	1,059
		Dec	126	592	96	321	39	-	1,110	-	1,246
	Total	732	3,769	425	1,419	280	-	5,513	-	6,218	
2014	Pungo	Jan	24	71	-	-	-	-	-	-	-
		Feb	12	42	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	-	-	-
		Apr	-	-	18	64	-	-	-	-	18
		May	14	70	-	-	120	-	71	-	191
		Jun	52	284	-	-	181	-	48	-	229
		Jul	-	-	-	-	3	-	104	-	107
		Aug	-	-	-	-	25	-	42	-	67
		Sep	8	14	-	-	1,460	-	-	-	1,460
		Oct	201	970	28	97	0	-	134	14	176
		Nov	83	427	99	344	145	-	111	34	389
		Dec	97	524	25	88	67	-	73	25	190
	Total	491	2,402	170	593	2,001	-	583	73	2,827	
2013	Pungo	Jan	212	1,082	50	168	-	-	59	29	138
		Feb	51	227	7	23	-	-	37	-	44
		Mar	16	45	-	-	-	-	46	6	52
		Apr	128	1,043	94	317	-	-	679	16	789
		May	-	-	-	-	63	-	69	-	132
		Jun	12	84	-	-	27	-	52	-	79
		Jul	4	12	-	-	55	-	96	-	151
		Aug	-	-	-	-	5	-	128	-	133
		Sep	-	-	-	-	309	-	27	-	336
		Oct	86	367	276	945	25	-	667	7	975
		Nov	145	1,178	217	676	99	-	277	17	610
		Dec	225	1,253	151	512	84	-	162	-	397
	Total	879	5,290	795	2,641	667	-	2,299	76	3,837	

**Table 120. Estimated effort, harvest, and discards for striped bass in the Pungo River by month (continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2012	Pungo	Jan	103	307	20	71	-	194	-	40	254
		Feb	85	372	-	-	-	66	-	-	66
		Mar	6	17	31	130	-	144	8	-	183
		Apr	69	308	-	-	-	248	-	-	248
		May	19	135	34	-	-	193	14	-	241
		Jun	-	-	-	-	-	68	31	-	99
		Jul	-	-	-	-	-	162	-	-	162
		Aug	-	-	-	-	-	217	50	-	267
		Sep	27	193	-	-	-	423	255	-	677
		Oct	191	1,166	122	366	-	90	22	11	245
		Nov	84	335	119	481	-	337	17	14	487
		Dec	109	494	33	132	-	234	-	21	289
		<b>Total</b>	<b>693</b>	<b>3,327</b>	<b>359</b>	<b>1,180</b>	<b>-</b>	<b>2,376</b>	<b>397</b>	<b>86</b>	<b>3,218</b>
2011	Pungo	Jan	34	94	-	-	-	-	-	-	-
		Feb	-	-	9	-	-	-	-	-	9
		Mar	46	157	11	52	11	-	14	22	58
		Apr	128	797	63	227	13	-	117	-	193
		May	-	-	-	-	32	-	72	-	104
		Jun	146	919	-	-	180	-	153	-	333
		Jul	17	113	-	-	3	-	-	-	3
		Aug	-	-	-	-	7	-	9	-	16
		Sep	26	250	-	-	-	-	14	-	14
		Oct	156	593	56	189	27	-	146	6	235
		Nov	121	804	186	573	3	-	304	-	493
		Dec	66	162	89	371	-	-	342	58	489
		<b>Total</b>	<b>740</b>	<b>3,889</b>	<b>414</b>	<b>1,412</b>	<b>276</b>	<b>-</b>	<b>1,171</b>	<b>86</b>	<b>1,947</b>
2010	Pungo	Jan	33	94	-	-	-	-	47	-	47
		Feb	15	110	11	38	-	-	-	-	11
		Mar	7	116	17	93	-	-	-	-	17
		Apr	16	116	30	76	-	7	66	-	103
		May	12	82	-	-	23	-	50	-	73
		Jun	-	-	-	-	55	-	10	-	65
		Jul	-	-	-	-	13	-	198	-	211
		Aug	-	-	-	-	2	-	14	-	16
		Sep	-	-	-	-	24	-	11	-	35
		Oct	34	249	31	104	1	-	114	9	155
		Nov	4	17	29	86	-	-	44	-	73
		Dec	35	125	20	83	-	-	22	-	42
		<b>Total</b>	<b>156</b>	<b>909</b>	<b>138</b>	<b>480</b>	<b>118</b>	<b>7</b>	<b>576</b>	<b>9</b>	<b>848</b>

**Table 120. Estimated effort, harvest, and discards for striped bass in the Pungo River by month (continued).**

Year	Area	Month	Striped Bass Trips	Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Over-creel	Under-sized	Slot	
2009	Pungo	Jan	73	497	53	180	-	7	32	59	151
		Feb	77	492	29	96	-	-	23	57	109
		Mar	118	924	52	184	10	-	121	85	268
		Apr	15	172	38	130	4	-	41	60	143
		May	-	-	-	-	203	-	266	-	469
		Jun	-	-	-	-	66	-	31	-	97
		Jul	-	-	-	-	15	-	67	-	82
		Aug	4	49	-	-	88	-	47	14	149
		Sep	-	-	-	-	167	-	805	-	972
		Oct	99	899	95	309	-	-	133	-	228
		Nov	-	-	45	163	-	-	-	-	45
		Dec	66	507	101	337	-	-	115	17	233
			Total		452	3,540	413	1,399	553	7	1,681
2008	Pungo	Jan	60	336	24	70	-	-	412	-	436
		Feb	43	473	35	124	-	-	310	-	345
		Mar	28	179	-	-	-	-	80	-	80
		Apr	13	102	13	39	-	-	39	-	52
		May	43	451	11	47	-	-	465	-	476
		Jun	13	92	44	144	-	-	18	-	62
		Jul	-	-	-	-	137	-	9	-	146
		Aug	-	-	-	-	81	-	92	-	173
		Sep	-	-	-	-	83	-	66	-	149
		Oct	32	415	97	282	-	-	50	-	147
		Nov	23	156	21	59	261	-	159	3	444
		Dec	48	345	18	68	9	-	82	-	109
			Total		303	2,549	263	833	571	-	1,782
2007	Pungo	Jan	165	1,363	109	323	-	-	892	-	1,001
		Feb	69	485	23	87	-	-	458	-	481
		Mar	87	601	48	156	-	-	249	-	297
		Apr	85	588	25	66	-	-	222	-	247
		May	96	699	92	344	-	-	276	-	368
		Jun	191	1,266	104	311	62	-	647	-	813
		Jul	80	772	19	74	-	-	311	-	330
		Aug	34	208	5	16	-	-	52	-	57
		Sep	63	694	69	205	12	-	173	-	254
		Oct	55	672	54	161	-	-	98	-	152
		Nov	8	84	10	39	-	7	498	-	515
		Dec	58	438	77	242	35	-	546	-	658
			Total		991	7,870	635	2,024	109	7	4,422

**Table 121. Estimated shad effort and catch (in numbers) by river in the CSMA.**

Year	River	Month	Shad		American shad		Hickory shad	
			Trips	Hours	Number	Released	Number	Released
2015	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	-	-	-	-	-	-
		Mar	2,204	3,882	28	16	1,562	172
		Apr	712	1,245	65	89	768	123
		May	41	154	-	-	-	-
		Total	2,957	5,281	94	102	2,330	204
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	600	536	-	-	-	-
		Mar	3,259	10,237	-	17	5,299	9,882
		Apr	1,025	3,452	-	13	2,742	2,100
		May	-	-	-	-	-	-
		Total	4,883	14,225	-	30	8,040	11,981
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	432	1,394	-	-	-	-
		Mar	95	286	-	-	48	-
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
		Total	527	1,680	-	-	48	-
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	134	335	-	-	-	-
		Mar	2,329	6,148	618	1,528	598	4,063
Apr		1,183	2,842	363	188	266	720	
May		50	360	25	2,138	0	100	
Total		3,696	9,686	1,006	4,889	864	5,953	
Cape Fear River	Jan	-	-	-	-	-	-	
	Feb	-	-	-	-	-	-	
	Mar	1,616	6,635	2,061	1,394	12	2	
	Apr	1,488	6,405	1,860	4,993	-	-	
	May	307	890	215	-	-	-	
	Total	3,411	13,930	4,136	6,387	12	2	
CSMA Combined	Jan	-	-	-	-	-	-	
	Feb	1,166	2,266	-	-	-	-	
	Mar	9,502	27,189	2,707	2,954	7,518	14,118	
	Apr	4,408	13,943	2,288	5,283	3,776	2,943	
	May	398	1,403	240	2,138	-	100	
	Total	15,475	44,801	5,235	11,408	11,293	18,140	



**Table 121. Estimated shad effort and catch (in numbers) by river in the CSMA (continued).**

Year	River	Month	Total Shad		American shad		Hickory shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2014	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	-	-	-	-	-	-
		Mar	1,740	4,616	-	616	402	737
		Apr	629	686	-	-	-	-
		May	-	-	-	-	-	-
		Total	2,369	5,302	-	616	402	737
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	1,633	2,918	134	162	1,212	2,322
		Mar	4,307	11,318	-	73	5,219	11,347
		Apr	570	1,150	-	-	74	60
		May	-	-	-	-	-	-
		Total	6,510	15,385	134	236	6,371	13,706
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	2,920	8,703	-	-	6,097	12,322
		Mar	1,542	3,389	285	120	2,024	775
		Apr	222	260	-	-	-	-
		May	-	-	-	-	-	-
		Total	4,684	12,352	285	120	8,121	13,097
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	442	1,305	-	-	-	-
		Mar	1,118	2,570	112	1,207	123	711
		Apr	1,011	2,949	56	107	218	1,340
		May	-	-	-	-	-	-
		Total	2,571	6,825	168	1,314	341	2,052
	Lower Tar/Pamlico River	Jan	-	-	-	-	-	-
		Feb	40	7	-	-	-	-
		Mar	37	132	-	-	-	-
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
		Total	78	139	-	-	-	-
	Cape Fear River	Jan	-	-	-	-	-	-
		Feb	-	-	-	-	-	-
		Mar	6,551	26,153	5,628	20,085	-	135
		Apr	4,789	25,123	11,867	11,477	15	9
		May	741	2,833	2,320	840	-	-
		Total	12,081	54,109	19,814	32,402	15	144
	CSMA Combined	Jan	-	-	-	-	-	-
		Feb	5,035	12,933	134	162	7,309	14,644
		Mar	15,295	48,178	6,025	22,101	7,768	13,705
		Apr	7,221	30,168	11,923	11,584	307	1,409
		May	741	2,833	2,320	840	-	-
		Total	28,292	94,112	20,402	34,687	15,384	29,758

**Table 121. Estimated shad effort and catch (in numbers) by river in the CSMA (continued).**

Year	River	Month	Total Shad		American shad		Hickory shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2013	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	347	347	-	-	-	-
		Mar	3,350	6,311	39	173	1,448	1,828
		Apr	2,573	5,633	276	2,040	287	284
		May	570	1,473	-	570	-	-
		Total	6,840	13,764	315	2,783	1,735	2,112
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	1,063	1,779	96	19	1,606	1,495
		Mar	5,881	14,474	337	28	8,791	10,212
		Apr	1,210	2,819	18	53	678	882
		May	-	-	-	-	-	-
		Total	8,154	19,072	451	100	11,075	12,589
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	192	337	-	-	-	-
		Mar	619	464	619	-	-	19
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
		Total	811	801	619	-	-	19
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	514	619	68	68	54	27
		Mar	3,406	7,535	763	1,668	2,073	6,183
		Apr	1,866	4,814	1,050	4,416	294	928
		May	404	1,819	666	5,188	-	-
		Total	6,190	14,787	2,547	11,340	2,421	7,138
	Lower Tar/Pamlico River	Jan	-	-	-	-	-	-
		Feb	-	-	-	-	-	-
		Mar	1,218	1,716	-	-	-	140
		Apr	27	88	-	-	-	-
		May	-	-	-	-	-	-
		Total	1,245	1,804	-	-	-	140
	Cape Fear River	Jan	-	-	-	-	-	-
		Feb	-	-	-	-	-	-
		Mar	6,551	26,153	5,628	20,085	-	135
		Apr	4,789	25,123	11,867	11,477	15	9
		May	741	2,833	2,320	840	-	-
		Total	12,081	54,109	19,815	32,402	15	144
	CSMA Combined	Jan	-	-	-	-	-	-
		Feb	2,116	3,082	164	87	1,660	1,522
		Mar	21,025	56,653	7,386	21,954	12,312	18,517
		Apr	10,465	38,477	13,211	17,986	1,274	2,103
		May	1,715	6,125	2,986	6,598	0	0
		Total	35,321	104,337	23,747	46,625	15,246	22,142

**Table 121. Estimated shad effort and catch (in numbers) by river in the CSMA (continued).**

Year	River*	Month	Total Shad		American shad		Hickory shad	
			Trips	Hours	Harvest	Trips	Hours	Harvest
2012	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	1,332	1,892	-	-	551	138
		Mar	3,432	7,041	804	124	2,649	2,314
		Apr	192	242	-	289	-	41
		May	95	80	-	-	-	-
		Total	5,051	9,255	804	413	3,200	2,493
	Middle Neuse River	Jan	135	250	-	-	-	-
		Feb	3,543	12,752	-	99	2,035	5,486
		Mar	6,880	18,777	43	-	4,425	19,997
		Apr	457	455	-	-	-	-
		May	-	-	-	-	-	-
		Total	11,015	32,234	43	99	6,460	25,483
	Lower Neuse River	Jan	142	47	-	-	-	-
		Feb	5,845	5,918	-	-	467	1,072
		Mar	3,641	5,038	178	196	733	872
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
		Total	9,628	11,003	178	196	1,200	1,944
	Upper Tar River	Jan	44	117	-	-	-	-
		Feb	1,115	2,351	61	716	38	1,644
		Mar	3,256	9,744	265	3,315	365	5,679
Apr		343	1,096	661	311	-	-	
May		47	35	-	-	-	-	
Total		4,805	13,343	987	4,342	403	7,323	
Lower Tar/Pamlico River	Jan	47	124	-	-	-	-	
	Feb	220	251	-	-	-	-	
	Mar	193	602	-	-	-	178	
	Apr	47	78	-	-	-	-	
	May	-	-	-	-	-	-	
	Total	507	1,055	-	-	-	178	
CSMA Combined	Jan	368	538	-	-	-	-	
	Feb	12,055	23,164	61	815	3,091	8,340	
	Mar	17,402	41,202	1,290	3,635	8,172	29,040	
	Apr	1,039	1,871	661	600	-	41	
	May	142	115	-	-	-	0	
	Total	31,006	66,890	2,012	5,050	11,263	37,421	

\* Cape Fear not sampled in 2012.

**Table 122. Estimated average striped bass catch (harvest + discard) per unit effort in number from the CSMA by month.**

Year	Month	Harvests per Trip	Discards per Trip	Total Caught per Trip
2015	January	0.04	0.21	0.25
	February	0.04	0.16	0.20
	March	0.05	0.07	0.12
	April	0.03	0.09	0.12
	May	-	0.04	0.04
	June	-	0.14	0.14
	July	-	0.26	0.26
	August	-	0.02	0.02
	September	-	0.20	0.20
	October	0.01	0.22	0.23
	November	0.02	0.19	0.21
	December	0.04	0.38	0.42
	Annual	0.02	0.17	0.19
2014	January	0.14	0.07	0.21
	February	0.06	0.15	0.21
	March	0.05	0.25	0.30
	April	0.04	0.23	0.27
	May	-	0.15	0.15
	June	-	0.17	0.17
	July	-	0.07	0.07
	August	-	0.47	0.47
	September	-	0.81	0.81
	October	0.01	0.37	0.39
	November	0.11	0.97	1.08
	December	0.05	0.64	0.69
	Annual	0.04	0.32	0.35
2013	January	0.13	0.48	0.61
	February	0.10	0.45	0.55
	March	0.03	0.08	0.11
	April	0.05	0.18	0.23
	May	-	0.17	0.17
	June	-	0.73	0.73
	July	-	0.27	0.27
	August	-	0.42	0.42
	September	-	0.76	0.76
	October	0.19	0.32	0.51
	November	0.07	0.18	0.26
	December	0.07	0.21	0.28
	Annual	0.05	0.28	0.33

**Table 122. Estimated average striped bass catch (harvest + discard) per unit effort in number from the CSMA by month (continued).**

Year	Month	Harvests per Trip	Discards per Trip	Total Caught per Trip
2012	January	0.16	0.61	0.77
	February	0.05	0.34	0.39
	March	0.02	0.1	0.12
	April	0.02	0.11	0.13
	May	<0.01	0.37	0.37
	June	0.01	0.18	0.18
	July	-	2.21	2.21
	August	-	0.58	0.58
	September	<0.01	0.59	0.59
	October	0.08	0.26	0.34
	November	0.09	0.64	0.72
	December	0.08	0.65	0.73
	Annual	0.04	0.39	0.43
2011	January	0.09	0.23	0.32
	February	0.09	0.42	0.51
	March	0.02	0.19	0.21
	April	0.04	0.43	0.47
	May	-	0.23	0.23
	June	-	0.59	0.59
	July	-	0.4	0.4
	August	-	0.21	0.21
	September	-	1.10	1.10
	October	0.09	0.71	0.80
	November	0.14	1.3	1.43
	December	0.21	0.93	1.14
	Annual	0.06	0.53	0.6
2010	January	0.17	0.62	0.79
	February	0.50	1.4	1.9
	March	0.15	0.45	0.6
	April	0.06	0.15	0.21
	May	0.04	0.03	0.06
	June	-	0.17	0.17
	July	-	0.13	0.13
	August	-	0.26	0.26
	September	-	0.02	0.02
	October	0.03	0.33	0.36
	November	0.04	0.27	0.31
	December	0.17	0.7	0.86
	Annual	0.05	0.21	0.26

**Table 122. Estimated average striped bass catch (harvest + discard) per unit effort in number from the CSMA by month (continued).**

Year	Month	Harvests per Trip	Discards per Trip	Total Caught per Trip
2009	January	0.04	0.20	0.24
	February	0.03	0.29	0.32
	March	0.03	0.09	0.12
	April	0.01	0.05	0.05
	May	-	0.15	0.15
	June	-	0.13	0.13
	July	-	0.03	0.03
	August	-	0.21	0.21
	September	-	0.55	0.55
	October	0.06	0.12	0.18
	November	0.01	0.06	0.07
	December	0.09	0.26	0.35
	Annual	0.02	0.15	0.17
2008	January	0.07	1.59	1.66
	February	0.04	0.62	0.66
	March	<0.01	0.07	0.07
	April	<0.01	0.12	0.12
	May	0.01	0.40	0.41
	June	0.01	0.08	0.09
	July	-	0.95	0.95
	August	-	0.18	0.18
	September	-	0.24	0.24
	October	0.02	0.22	0.24
	November	0.04	0.37	0.40
	December	0.06	0.12	0.18
	Annual	0.02	0.34	0.36
2007	January	0.28	0.61	0.89
	February	0.08	2.35	2.43
	March	0.10	0.51	0.61
	April	0.02	0.22	0.24
	May	0.02	0.43	0.45
	June	0.04	0.11	0.14
	July	0.06	0.30	0.36
	August	0.07	0.28	0.35
	September	0.02	0.08	0.10
	October	0.08	0.21	0.29
	November	0.01	0.26	0.27
	December	0.03	0.32	0.35
	Annual	0.05	0.36	0.41

**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished.**

County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total		
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	
<b>Upper Neuse</b>																					
Alamance	-	-	-	-	-	-	2	0.5	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Brunswick	-	-	1	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Burke	-	-	2	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Carteret	-	-	-	-	1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Caswell	-	-	-	-	2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Chatham	-	-	1	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Cumberland	1	0.7	-	-	1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Duplin	3	2.2	-	-	1	0.4	1	0.2	-	-	-	-	-	-	-	-	-	-	-	5	0.54
Durham	-	-	-	-	2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Edgecombe	-	-	-	-	-	-	32	7.4	-	-	-	-	-	-	-	-	-	-	-	32	3.47
Franklin	3	2.2	-	-	2	0.8	9	2.1	-	-	-	-	-	-	-	-	-	-	-	14	1.52
Graham	-	-	1	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Granville	1	0.7	-	-	1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Guilford	-	-	2	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Halifax	1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Harnett	-	-	-	-	4	1.7	9	2.1	-	-	-	-	-	-	-	-	-	-	-	13	1.41
Hyde	1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Johnston	25	18.2	23	20.4	41	17	135	31.3	-	-	-	-	-	-	-	-	-	-	-	224	24.27
Lenoir	-	-	2	1.8	1	0.4	3	0.7	-	-	-	-	-	-	-	-	-	-	-	6	0.65
Mecklenburg	1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Nash	-	-	-	-	1	0.4	1	0.2	-	-	-	-	-	-	-	-	-	-	-	2	0.22
New Hanover	1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Onslow	2	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Pitt	-	-	-	-	1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.11
Robeson	-	-	-	-	-	-	2	0.5	-	-	-	-	-	-	-	-	-	-	-	2	0.22
Sampson	2	1.5	2	1.8	5	2.1	6	1.4	-	-	-	-	-	-	-	-	-	-	-	15	1.63
Wake	45	32.8	39	34.5	118	49	82	19	-	-	-	-	-	-	-	-	-	-	-	284	30.77
Wayne	49	35.8	40	35.4	60	24.9	148	34.3	-	-	-	-	-	-	-	-	-	-	-	297	32.18
Wilson	2	1.5	-	-	-	-	2	0.5	-	-	-	-	-	-	-	-	-	-	-	4	0.43
<b>Total</b>	<b>137</b>	<b>100.0</b>	<b>113</b>	<b>100.0</b>	<b>241</b>	<b>100.0</b>	<b>432</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>923</b>	<b>100.0</b>

**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total		
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	
<b>Middle Neuse River</b>																					
Beaufort	1	0.5	3	2.0	2	0.9	3	0.8	-	-	-	-	-	-	-	-	-	-	-	9	0.9
Carteret	2	1.0	1	0.7	6	2.8	14	3.5	-	-	-	-	-	-	-	-	-	-	-	23	2.4
Chatham	-	-	-	-	-	-	8	2	-	-	-	-	-	-	-	-	-	-	-	8	0.8
Craven	31	15.3	6	4.0	22	10.2	31	7.8	-	-	-	-	-	-	-	-	-	-	-	90	9.3
Cumberland	1	0.5	-	-	1	0.5	7	1.8	-	-	-	-	-	-	-	-	-	-	-	9	0.9
Davidson	-	-	-	-	-	-	1	0.3	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Duplin	5	2.5	3	2.0	5	2.3	10	2.5	-	-	-	-	-	-	-	-	-	-	-	23	2.4
Greene	34	16.7	13	8.7	25	11.6	82	20.6	-	-	-	-	-	-	-	-	-	-	-	154	15.9
Guilford	-	-	-	-	1	0.5	2	0.5	-	-	-	-	-	-	-	-	-	-	-	3	0.3
Harnett	1	0.5	-	-	-	-	2	0.5	-	-	-	-	-	-	-	-	-	-	-	3	0.3
Johnston	4	2.0	3	2.0	-	-	11	2.8	-	-	-	-	-	-	-	-	-	-	-	18	1.9
Jones	6	3.0	8	5.4	9	4.2	2	0.5	-	-	-	-	-	-	-	-	-	-	-	25	2.6
Lenoir	58	28.6	60	40.3	87	40.5	92	23.1	-	-	-	-	-	-	-	-	-	-	-	297	30.7
Martin	-	-	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Nash	-	-	-	-	-	-	3	0.8	-	-	-	-	-	-	-	-	-	-	-	3	0.3
New Hanover	-	-	-	-	2	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.2
Onslow	4	2.0	1	0.7	2	0.9	4	1	-	-	-	-	-	-	-	-	-	-	-	11	1.1
Pender	-	-	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Pitt	38	18.7	36	24.2	35	16.3	64	16	-	-	-	-	-	-	-	-	-	-	-	173	17.9
Lenoir	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Wake	1	0.5	-	-	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	5	0.5
Washington	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Wayne	14	6.9	15	10.1	14	6.5	58	14.5	-	-	-	-	-	-	-	-	-	-	-	101	10.5
Wilson	1	0.5	-	0.0	2	0.9	1	0.3	-	-	-	-	-	-	-	-	-	-	-	4	0.4
<b>Total</b>	<b>203</b>	<b>100.0</b>	<b>149</b>	<b>100.0</b>	<b>215</b>	<b>100.0</b>	<b>399</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>966</b>	<b>100.0</b>



**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
<b>Lower Neuse River</b>																				
Alamance	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Beaufort	4	0.8	2	0.5	5	0.8	4	0.3	-	-	-	-	-	-	-	-	2	2.3	17	0.5
Brunswick	-	-	2	0.5	1	0.2	10	0.8	-	-	-	-	-	-	-	-	-	-	13	0.4
Cabarrus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.1	1	0.0
Carteret	12	2.3	14	3.3	10	1.7	34	2.8	3	2.1	-	-	1	3.6	1	1.8	-	-	75	2.4
Catawba	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Columbus	4	0.8	1	0.2	1	0.2	3	0.2	-	-	-	-	-	-	-	-	-	-	9	0.3
Chatham	-	-	-	-	-	-	-	-	-	-	-	-	1	3.6	-	-	-	-	1	0.0
Craven	233	44.0	200	47.2	286	48.1	516	42.6	85	60.7	14	45.2	12	42.9	37	64.9	59	66.3	1,442	46.5
Cumberland	2	0.4	1	0.2	4	0.7	1	0.1	2	1.4	-	-	-	-	-	-	-	-	10	0.3
Davidson	-	-	1	0.2	1	0.2	1	0.1	-	-	-	-	-	-	-	-	-	-	3	0.1
Duplin	9	1.7	3	0.7	8	1.3	11	0.9	-	-	-	-	-	-	-	-	1	1.1	32	1.0
Durham	-	-	-	-	1	0.2	9	0.7	-	-	-	-	-	-	-	-	-	-	10	0.3
Edgecombe	-	-	2	0.5	1	0.2	1	0.1	-	-	-	-	-	-	-	-	-	-	4	0.1
Franklin	-	-	-	-	-	-	3	0.2	-	-	-	-	-	-	-	-	-	-	3	0.1
Forsyth	3	0.6	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	5	0.2
Greene	7	1.3	10	2.4	10	1.7	23	1.9	3	2.1	-	-	3	10.7	1	1.8	1	1.1	58	1.9
Guilford	2	0.4	-	-	-	-	5	0.4	-	-	-	-	-	-	-	-	-	-	7	0.2
Iredell	-	-	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	1	0.0
Harnett	1	0.2	2	0.5	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	4	0.1
Johnston	6	1.1	10	2.4	5	0.8	18	1.5	3	2.1	1	3.2	-	-	-	-	-	-	43	1.4
Jones	37	7.0	23	5.4	30	5.1	47	3.9	7	5.0	3	9.7	-	-	1	1.8	2	2.3	150	4.8
Lenoir	40	7.6	31	7.3	41	6.9	99	8.2	8	5.7	4	12.9	4	14.3	7	12.3	8	9.0	242	7.8
Martin	1	0.2	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
Mecklenburg	1	0.2	1	0.2	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	3	0.1
Moore	-	-	1	0.2	-	-	4	0.3	-	-	-	-	-	-	-	-	-	-	5	0.2
Nash	1	0.2	-	-	-	-	-	-	1	0.7	-	-	-	-	-	-	-	-	2	0.1
New Hanover	2	0.4	-	-	-	-	5	0.4	-	-	-	-	-	-	-	-	-	-	7	0.2
Onslow	74	14.0	75	17.7	83	14.0	175	14	4	2.9	-	-	1	3.6	1	1.8	1	1.1	414	13.3
Orange	-	-	1	0.2	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
Pamlico	32	6.0	18	4.2	30	5.1	118	9.7	5	3.6	1	3.2	1	3.6	4	7.0	1	1.1	210	6.8
Pender	2	0.4	-	-	-	-	14	1.2	1	0.7	-	-	-	-	-	-	-	-	17	0.5
Pitt	28	5.3	9	2.1	22	3.7	45	3.7	4	2.9	5	16.1	3	10.7	3	5.3	5	5.6	124	4.0
Randolph	1	0.2	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	2	0.1
Richmond	-	-	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	1	0.0
Rockingham	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Robeson	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0

**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total		
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	
<b>Lower Neuse River</b>																					
Sampson	2	0.4	1	0.2	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	-	4	0.1
Union	-	-	-	-	-	-	3	0.2	-	-	-	-	-	-	-	-	-	-	-	3	0.1
Wake	3	0.6	4	0.9	11	1.9	12	1	4	2.9	-	-	-	-	-	-	-	-	-	34	1.1
Warren	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Watauga	2	0.4	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	4	0.1
Wayne	16	3.0	6	1.4	27	4.5	41	3.4	9	6.4	3	9.7	2	7.1	2	3.5	8	9.0	114	3.7	
Wilson	3	0.6	5	1.2	7	1.2	5	0.4	1	0.7	-	-	-	-	-	-	-	-	-	21	0.7
<b>Total</b>	<b>529</b>	<b>100.0</b>	<b>424</b>	<b>100.0</b>	<b>594</b>	<b>100.0</b>	<b>1,212</b>	<b>100.0</b>	<b>140</b>	<b>100.0</b>	<b>31</b>	<b>100.0</b>	<b>28</b>	<b>100.0</b>	<b>57</b>	<b>100.0</b>	<b>89</b>	<b>100.0</b>	<b>3,104</b>	<b>100.0</b>	

**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
<b>Lower Tar/ Upper Pamlico River</b>																				
Beaufort	-	-	1	1.5	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	2	0.3
Dare	-	-	-	-	-	-	1	0.3	-	-	-	-	-	-	-	-	-	-	1	0.1
Davidson	-	-	-	-	-	-	2	0.7	-	-	-	-	-	-	-	-	-	-	2	0.3
Durham	-	-	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Edgecombe	124	54.9	33	50.0	93	47.2	105	35.4	-	-	-	-	-	-	-	-	-	-	355	45.2
Franklin	2	0.9	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	3	0.4
Greene	6	2.7	-	-	1	0.5	4	1.3	-	-	-	-	-	-	-	-	-	-	11	1.4
Halifax	-	-	-	-	1	0.5	1	0.3	-	-	-	-	-	-	-	-	-	-	2	0.3
Hyde	-	-	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Johnston	2	0.9	-	-	-	-	1	0.3	-	-	-	-	-	-	-	-	-	-	3	0.4
Martin	2	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.3
Mecklenburg	-	-	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Nash	64	28.3	15	22.7	65	33	75	25.3	-	-	-	-	-	-	-	-	-	-	219	27.9
New Hanover	2	0.9	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	3	0.4
Orange	-	-	-	-	-	-	1	0.3	-	-	-	-	-	-	-	-	-	-	1	0.1
Pitt	6	2.7	7	10.6	10	5.1	84	28.3	-	-	-	-	-	-	-	-	-	-	107	13.6
Wake	8	3.5	3	4.5	12	6.1	17	5.7	-	-	-	-	-	-	-	-	-	-	40	5.1
Warren	-	-	-	-	1	0.5	1	0.3	-	-	-	-	-	-	-	-	-	-	2	0.3
Wilson	10	4.4	7	10.6	8	4.1	5	1.7	-	-	-	-	-	-	-	-	-	-	30	3.8
<b>Total</b>	<b>226</b>	<b>100.0</b>	<b>66</b>	<b>100.0</b>	<b>197</b>	<b>100.0</b>	<b>297</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>786</b>	<b>100.0</b>

**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
<b>Lower Tar/ Upper Pamlico River</b>																				
Beaufort	362	39.8	92	36.4	180	27.6	207	26.2	60	24	67	28.4	64	34.6	58	30.7	94	37.3	1,184	31.9
Bertie	6	0.7	-	-	3	0.5	4	0.5	-	-	-	-	-	-	-	-	-	-	13	0.3
Carteret	1	0.1	-	-	2	0.3	1	0.1	-	-	-	-	-	-	-	-	-	-	4	0.1
Catawba	2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
Chatham	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Craven	-	-	-	-	10	1.5	16	2	-	-	-	-	-	-	-	-	-	-	26	0.7
Chowan	2	0.2	1	0.4	-	-	-	-	1	0.4	-	-	-	-	-	-	-	-	4	0.1
Columbus	2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
Craven	14	1.5	3	1.2	-	-	-	-	2	0.8	10	4.2	1	0.5	.	.	10	4	40	1.1
Cumberland	4	0.4	2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	0.2
Dare	-	-	1	0.4	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	2	0.1
Duplin	1	0.1	-	-	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	3	0.1
Durham	1	0.1	-	-	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	3	0.1
Edgecombe	16	1.8	5	2.0	26	4	31	3.9	22	8.8	17	7.2	4	2.2	6	3.2	8	3.2	135	3.6
Franklin	1	0.1	-	-	-	-	1	0.1	-	-	-	-	-	-	1	0.5	-	-	3	0.1
Greene	34	3.7	11	4.3	25	3.8	32	4.1	9	3.6	9	3.8	4	2.2	2	1.1	6	2.4	132	3.6
Guilford	2	0.2	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	3	0.1
Halifax	2	0.2	1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.1
Harnett	-	-	1	0.4	2	0.3	7	0.9	-	-	-	-	-	-	-	-	-	-	10	0.3
Henderson	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Hertford	-	-	-	-	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	2	0.1
Hyde	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Johnston	17	1.9	4	1.6	7	1.1	4	0.5	9	3.6	7	3	2	1.1	-	-	2	0.8	52	1.4
Jones	-	-	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	1	0.0
Lee	-	-	-	-	0	0	3	0.4	-	-	-	-	-	-	-	-	-	-	3	0.1
Lenoir	7	0.8	-	-	3	0.5	9	1.1	1	0.4	4	1.7	-	-	-	-	1	0.4	25	0.7
Martin	36	4.0	11	4.3	29	4.4	33	4.2	6	2.4	9	3.8	6	3.2	5	2.7	6	2.4	141	3.8
Mecklenburg	-	-	1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Nash	12	1.3	6	2.4	22	3.4	11	1.4	15	6	2	0.9	1	0.5	3	1.6	7	2.8	79	2.1
New Hanover	1	0.1	-	-	3	0.5	-	-	-	-	-	-	-	-	-	-	1	0.4	5	0.1
Northampton	-	-	-	-	-	-	-	-	1	0.4	-	-	-	-	-	-	-	-	1	0.0
Onslow	44	4.8	1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	1.2
Pamlico	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Pender	1	0.1	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	2	0.1
Pitt	268	29.5	98	38.7	303	46.4	382	48.4	110	44	95	40.3	94	50.8	111	58.7	110	43.7	1,571	42.3
Sampson	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0

**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total		
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	
<b>Lower Tar/ Upper Pamlico River</b>																					
Tyrrell	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Union	-	-	-	-	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	-	2	0.1
Wake	7	0.8	4	1.6	8	1.2	9	1.1	1	0.4	1	0.4	-	-	-	-	-	-	30	0.8	
Washington	-	-	-	-	-	-	-	-	1	0.4	-	-	-	-	-	-	-	-	-	1	0.0
Wayne	26	2.9	2	0.8	9	1.4	5	0.6	1	0.4	5	2.1	6	3.2	-	-	1	0.4	55	1.5	
Wilson	39	4.3	9	3.6	17	2.6	22	2.8	11	4.4	10	4.2	3	1.6	3	1.6	6	2.4	120	3.2	
<b>Total</b>	<b>910</b>	<b>100.0</b>	<b>253</b>	<b>100.0</b>	<b>653</b>	<b>100.0</b>	<b>789</b>	<b>100.0</b>	<b>250</b>	<b>100.0</b>	<b>236</b>	<b>100.0</b>	<b>185</b>	<b>100.0</b>	<b>189</b>	<b>100.0</b>	<b>252</b>	<b>100.0</b>	<b>3,717</b>	<b>100.0</b>	

**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total		
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	
<b>Pungo River</b>																					
Alamance	1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Beaufort	110	33.0	63	41.2	283	42.2	325	40.8	26	48.2	10	41.7	31	55.4	17	43.6	43	33.1	908	40.2	
Bertie	9	2.7	2	1.3	6	0.9	9	1.1	-	-	-	-	-	-	-	-	-	-	26	1.2	
Caldwell	1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0	
Camden	1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0	
Carteret	-	-	-	-	1	0.1	1	0.1	-	-	-	-	-	-	-	-	-	-	2	0.1	
Chatham	-	-	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	1	0.0	
Chowan	-	-	2	1.3	12	1.8	5	0.6	-	-	-	-	1	1.8	-	-	1	0.8	21	0.9	
Craven	2	0.6	1	0.7	9	1.3	4	0.5	1	1.9	-	-	-	-	-	-	2	1.5	19	0.8	
Cumberland	1	0.3	-	-	2	0.3	1	0.1	-	-	-	-	-	-	-	-	-	-	4	0.2	
Dare	1	0.3	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1	
Davidson	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0	
Durham	1	0.3	1	0.7	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3	0.1	
Duplin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1.5	2	0.1	
Edgecombe	37	11.1	15	9.8	52	7.7	66	8.3	1	1.9	-	-	5	8.9	4	10.3	11	8.5	191	8.5	
Forsyth	2	0.6	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	3	0.1	
Franklin	1	0.3	-	-	2	0.3	4	0.5	-	-	-	-	1	1.8	-	-	5	3.9	13	0.6	
Greene	2	0.6	2	1.3	13	1.9	17	2.1	2	3.7	-	-	-	-	-	-	1	0.8	37	1.6	
Guilford	-	-	-	-	-	-	1	0.1	-	-	-	-	-	-	1	2.6	-	-	2	0.1	
Halifax	-	-	-	-	-	-	3	0.4	-	-	-	-	-	-	-	-	-	-	3	0.1	
Harnett	-	-	-	-	1	0.1	3	0.4	-	-	-	-	-	-	-	-	-	-	4	0.2	
Hertford	-	-	2	1.3	1	0.1	4	0.5	-	-	-	-	-	-	-	-	-	-	7	0.3	
Hyde	6	1.8	-	-	8	1.2	7	0.9	-	-	1	4.2	1	1.8	1	2.6	6	4.6	30	1.3	
Johnston	4	1.2	1	0.7	13	1.9	13	1.6	3	5.6	1	4.2	-	-	-	-	1	0.8	36	1.6	
Jones	-	-	1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0	
Lee	-	-	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1	
Lenoir	2	0.6	-	-	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	4	0.2	
Martin	16	4.8	4	2.6	32	4.8	63	7.9	2	3.7	4	16.7	2	3.6	2	5.1	7	5.4	132	5.9	
Mecklenburg	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	2	5.1	-	-	3	0.1	
Nash	9	2.7	9	5.9	37	5.5	44	5.5	3	5.6	1	4.2	4	7.1	-	-	4	3.1	111	4.9	
New Hanover	-	-	-	-	2	0.3	-	-	-	-	-	-	-	-	-	-	2	1.5	4	0.2	
Northampton	-	-	-	-	1	0.1	1	0.1	-	-	-	-	-	-	-	-	-	-	2	0.1	
Orange	-	-	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	1	0.0	
Pender	-	-	-	-	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0	
Perquimans	1	0.3	-	-	4	0.6	-	-	-	-	-	-	-	-	-	-	1	0.8	6	0.3	
Pitt	64	19.2	28	18.3	116	17.3	136	17.1	8	14.8	5	20.8	6	10.7	11	28.2	24	18.5	398	17.6	

**Table 123. Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

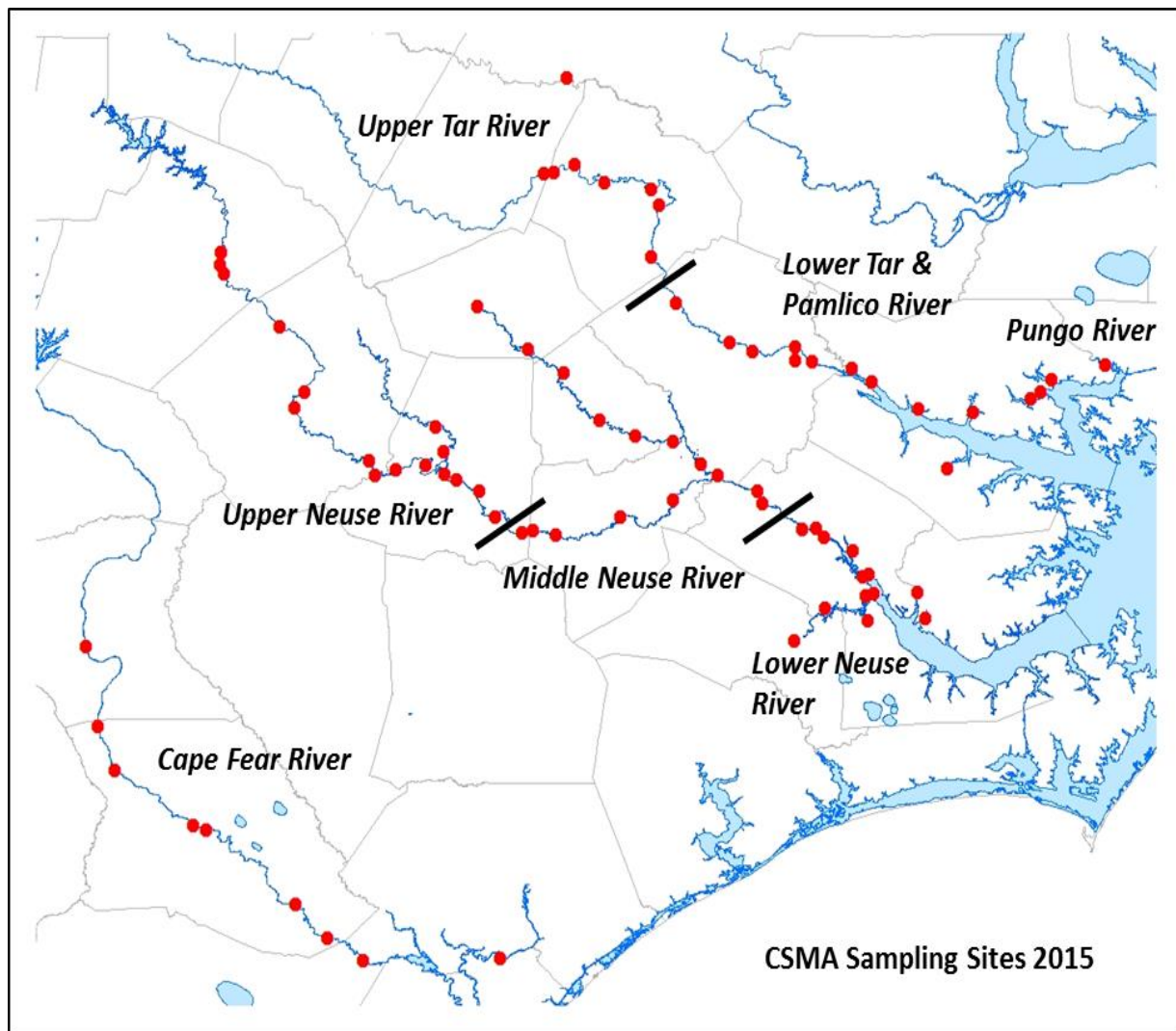
County	2015		2014		2013		2012		2011		2010		2009		2008		2007		Total		
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	
<b>Pungo River</b>																					
Union	2	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
Wake	15	4.5	10	6.5	10	1.5	19	2.4	2	3.7	-	-	-	-	-	-	-	2	1.5	58	2.6
Washington	11	3.3	5	3.3	19	2.8	10	1.3	-	-	-	-	-	-	-	-	-	1	0.8	46	2.0
Wayne	11	3.3	2	1.3	4	0.6	11	1.4	2	3.7	-	-	-	-	-	-	-	11	8.5	41	1.8
Wilson	23	6.9	5	3.3	36	5.4	44	5.5	4	7.4	2	8.3	5	8.9	1	2.6	6	4.6	126	5.6	
<b>Total</b>	<b>333</b>	<b>100.0</b>	<b>153</b>	<b>100.0</b>	<b>671</b>	<b>100.0</b>	<b>796</b>	<b>100.0</b>	<b>54</b>	<b>100.0</b>	<b>24</b>	<b>100.0</b>	<b>56</b>	<b>100.0</b>	<b>39</b>	<b>100.0</b>	<b>130</b>	<b>100.0</b>	<b>2,256</b>	<b>100.0</b>	

**Table 124. Mean reported angler expenditures of river and expense type.**

Year	Expenditure	River and Zone							CSMATotal
		Cape Fear	Upper Neuse	Middle Neuse	Lower Neuse	Upper Tar River	Lower Tar/Upper Pamlico	Pungo	
2015	Mile Traveled	32.07	12.96	19.67	26.44	13.00	31.71	48.85	29.14
	Food	\$12.70	\$3.36	\$5.57	\$5.13	\$1.40	\$7.58	\$9.55	\$6.46
	Ice	\$2.14	\$0.28	\$0.78	\$0.82	\$0.35	\$1.03	\$1.53	\$0.94
	Bait	\$11.43	\$1.42	\$4.73	\$3.74	\$0.51	\$2.61	\$0.87	\$2.74
	Boat Fuel/Oil	\$12.10	\$6.53	\$8.35	\$9.11	\$4.66	\$13.72	\$12.70	\$11.46
Total	\$38.37	\$11.59	\$19.43	\$18.81	\$6.91	\$24.93	\$24.65	\$21.60	
2014	Mile Traveled	28.56	10.93	15.36	27.19	13.13	27.47	57.14	30.19
	Food	\$5.14	\$5.09	\$5.45	\$5.60	\$0.59	\$7.32	\$19.62	\$8.16
	Ice	\$0.73	\$0.42	\$0.49	\$0.82	\$0.00	\$0.80	\$2.25	\$0.98
	Bait	\$2.64	\$1.62	\$0.71	\$3.78	\$0.17	\$1.76	\$1.59	\$2.34
	Boat Fuel/Oil	\$9.71	\$6.47	\$8.83	\$16.14	\$2.20	\$12.96	\$20.16	\$14.92
Total	\$18.22	\$13.60	\$15.49	\$26.34	\$2.96	\$22.85	\$43.61	\$26.40	
2013	Mile Traveled	23.34	31.84	26.14	16.59	5.3	16.83	14.11	30.28
	Food	\$4.01	\$5.37	\$2.62	\$6.77	\$11.33	\$5.04	\$0.32	\$5.73
	Ice	\$1.09	\$0.75	\$0.45	\$0.55	\$1.42	\$0.58	\$0.30	\$0.79
	Bait	\$4.36	\$2.46	\$1.81	\$0.96	\$3.03	\$1.99	\$0.48	\$2.34
	Boat Fuel/Oil	\$11.09	\$14.26	\$10.96	\$11.99	\$17.68	\$8.00	\$7.04	\$13.52
Total	\$20.55	\$22.84	\$15.84	\$20.18	\$33.46	\$15.61	\$8.14	\$22.38	
2012	Mile Traveled	-	11.75	21.87	30.22	14.8	23.8	51.96	29.2
	Food	-	\$3.99	\$6.22	\$8.31	0	\$5.83	\$10.18	\$6.87
	Ice	-	\$0.18	\$0.89	\$0.87	\$0.07	\$0.53	\$1.04	\$0.70
	Bait	-	\$1.84	\$3.16	\$2.05	\$0.69	\$1.32	\$3.51	\$2.19
	Boat Fuel/Oil	-	\$2.32	\$8.23	\$14.72	\$2.92	\$12.33	18.04	\$12.68
Total	-	\$8.30	\$18.50	\$25.95	\$3.68	\$2-1	\$32.76	\$22.44	
2011	Mile Traveled	-	-	-	25.91	-	28.89	44.48	29.7
	Food	-	-	-	\$21.98	-	\$9.74	\$14.22	\$16.79
	Ice	-	-	-	\$1.95	-	\$1.42	\$2.72	\$1.82
	Bait	-	-	-	\$6.04	-	\$2.01	\$20.73	\$5.65
	Boat Fuel/Oil	-	-	-	\$18.03	-	\$8.65	\$29.07	\$12.96
Total	-	-	-	\$48.00	-	\$21.82	\$66.74	\$37.22	
2010	Mile Traveled	-	-	-	23.38	-	26.48	55.69	28.57
	Food	-	-	-	\$5.90	-	\$8.70	\$26.84	\$9.16
	Ice	-	-	-	\$1.18	-	\$2.13	-	\$1.47
	Bait	-	-	-	\$2.18	-	\$5.22	\$41.68	\$6.45
	Boat Fuel/Oil	-	-	-	\$16.14	-	\$7.64	\$17.56	\$9.05
Total	-	-	-	\$25.40	-	\$23.69	\$86.08	\$26.13	
2009	Mile Traveled	-	-	-	29.27	-	-	38.12	35.04
	Food	-	-	-	\$1.49	-	-	\$14.18	\$5.84
	Ice	-	-	-	\$0.34	-	-	\$2.28	\$0.84
	Bait	-	-	-	\$0.41	-	-	\$25.00	\$1.53
	Boat Fuel/Oil	-	-	-	\$7.10	-	-	\$23.99	\$17.09
Total	-	-	-	\$9.34	-	-	\$65.45	\$25.30	
2008	Mile Traveled	-	-	-	17.16	-	20.6	55.06	24.31
	Food	-	-	-	\$1.67	-	\$0	\$23.68	\$6.45
	Ice	-	-	-	\$0.19	-	\$0	\$2.91	\$0.52
	Bait	-	-	-	\$0.23	-	\$0	\$3-1	\$2.16
	Boat Fuel/Oil	-	-	-	\$7.01	-	\$10.45	\$27.47	\$11.02
Total	-	-	-	\$9.10	-	\$10.45	\$84.07	\$20.15	
2007	Mile Traveled	-	-	-	19.7	-	21.19	51.98	29.38
	Food	-	-	-	\$2.82	-	\$7.22	\$13.28	\$7.83
	Ice	-	-	-	\$7	-	\$1.91	\$2.93	\$1.02
	Bait	-	-	-	\$0.61	-	\$7.85	\$19.45	\$3.63
	Boat Fuel/Oil	-	-	-	\$7.48	-	\$10.80	\$19.46	\$11.67
Total	-	-	-	\$10.98	-	\$27.78	\$55.12	\$24.15	



Figure 79. Map of study area including sampling sites and description of upper and lower zones.



<b>River Zones</b>	
<p><b>Upper Tar</b>                      Battle Park                      Dunbar                      Bell's Bridge                      Bellamy Mill                      Charter Oaks Park                      River Bend Park                      Falkland Ramp                      Hwy 97 Canoe Access</p> <p><b>Lower Tar &amp; Pamlico</b>                      Town Common                      Port Terminal                      Yankee Hall                      Jay Lynn's                      Grimesland                      Tranter's Creek                      Washington                      Dinah's Landing                      Quarter Deck                      Durham's Creek</p> <p><b>Pungo</b>                      Leechville                      Belhaven WRC                      CeeBee Marina</p> <p><b>Cape Fear</b>                      Lock and Dam 1                      Lock and Dam 2                      Lock and Dam 3                      Tar Heel                      Torry Hole                      Elwell's Ferry                      Mitchell's Landing                      Castle Hayne                      Fayetteville</p>	<p><b>Upper Neuse</b>                      Milburnie Park                      Raleigh Beach                      Anderson Point Park                      Pool Road                      NC 42                      Smithfield                      River Forest                      Richardson's Bridge                      Williford Road                      Cox's Ferry                      Steven's Mills Rd                      Goldsboro Hwy 117                      Arrington Bridge Rd                      Goldsboro Hwy 581</p> <p><b>Middle Neuse</b>                      Seven Springs                      NC 903                      Hardy Bridge                      Kinston Hwy 70                      Kinston Braxton Rd                      Wiggin's Mill                      Stantonsburg                      Speight's Bridge                      Snow Hill                      Hookerton                      Edward's Bridge                      Grifton</p> <p><b>Lower Neuse</b>                      Cowpen Landing                      Spring Garden                      Cool Springs                      Glenburnie                      Bridgeton                      Union Point                      Riverbend                      Pollocksville                      Brice's Creek                      Goose Creek                      Lawson's Creek</p>

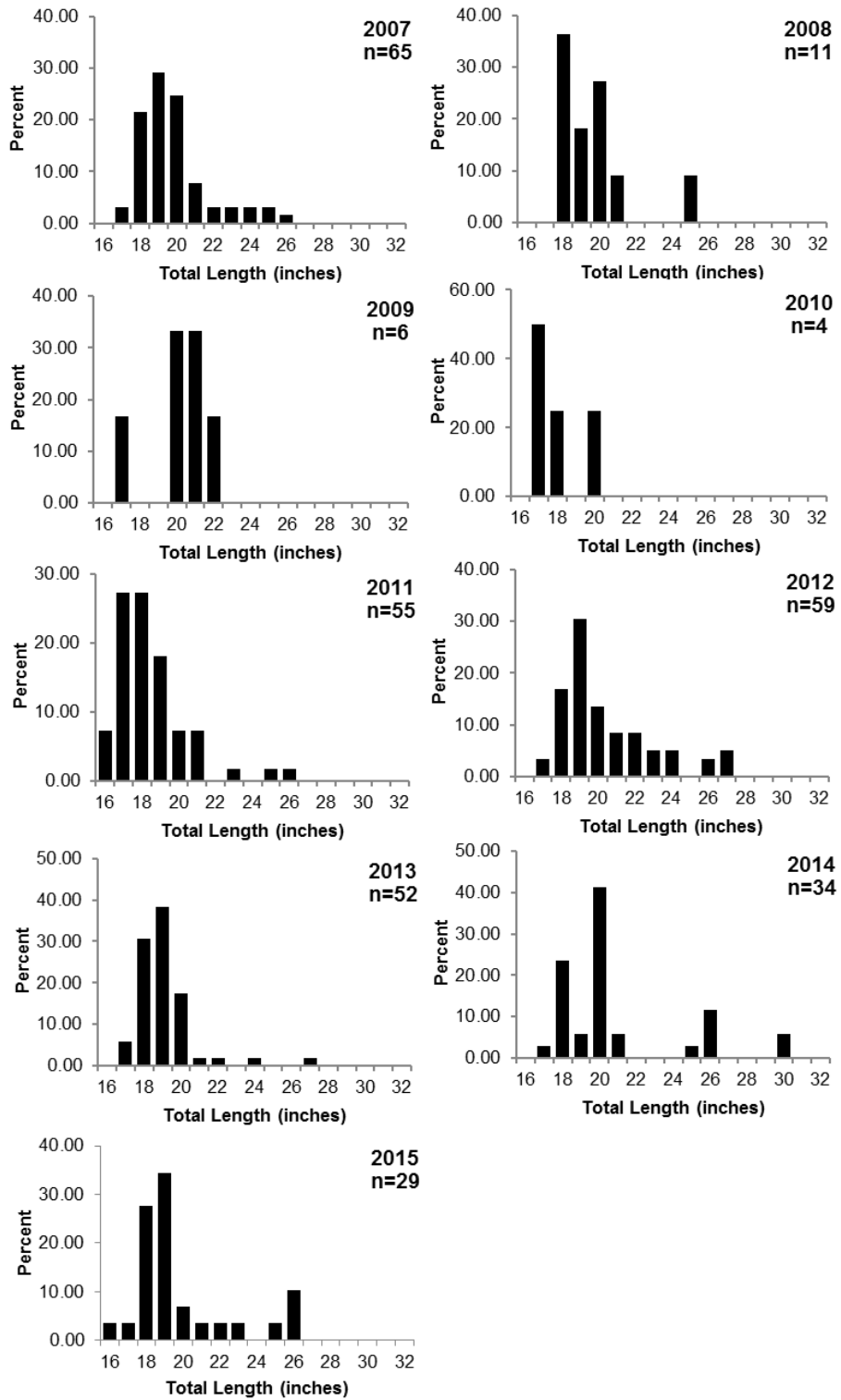


Figure 80. Length frequencies by percent of total observed striped bass from the Neuse River.

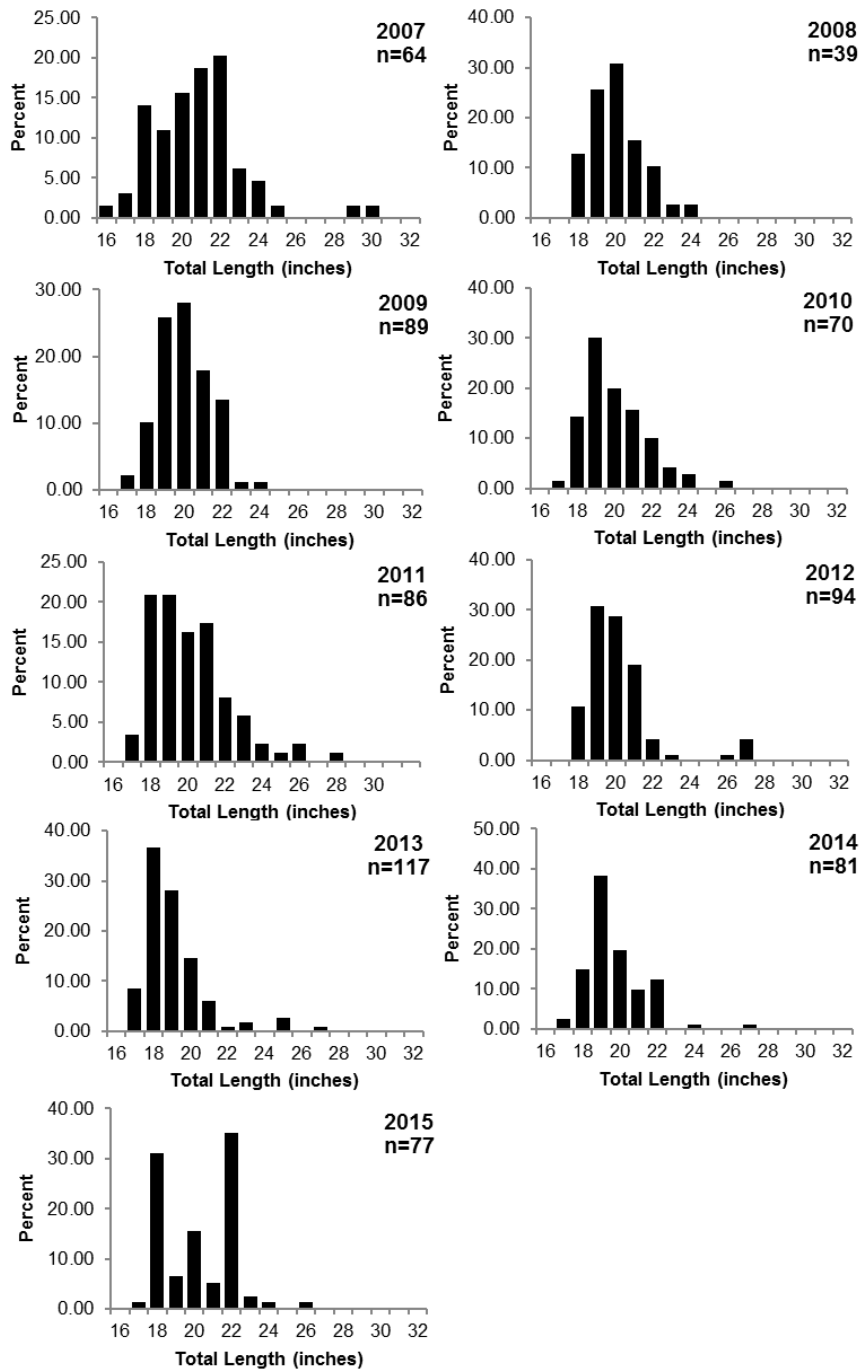
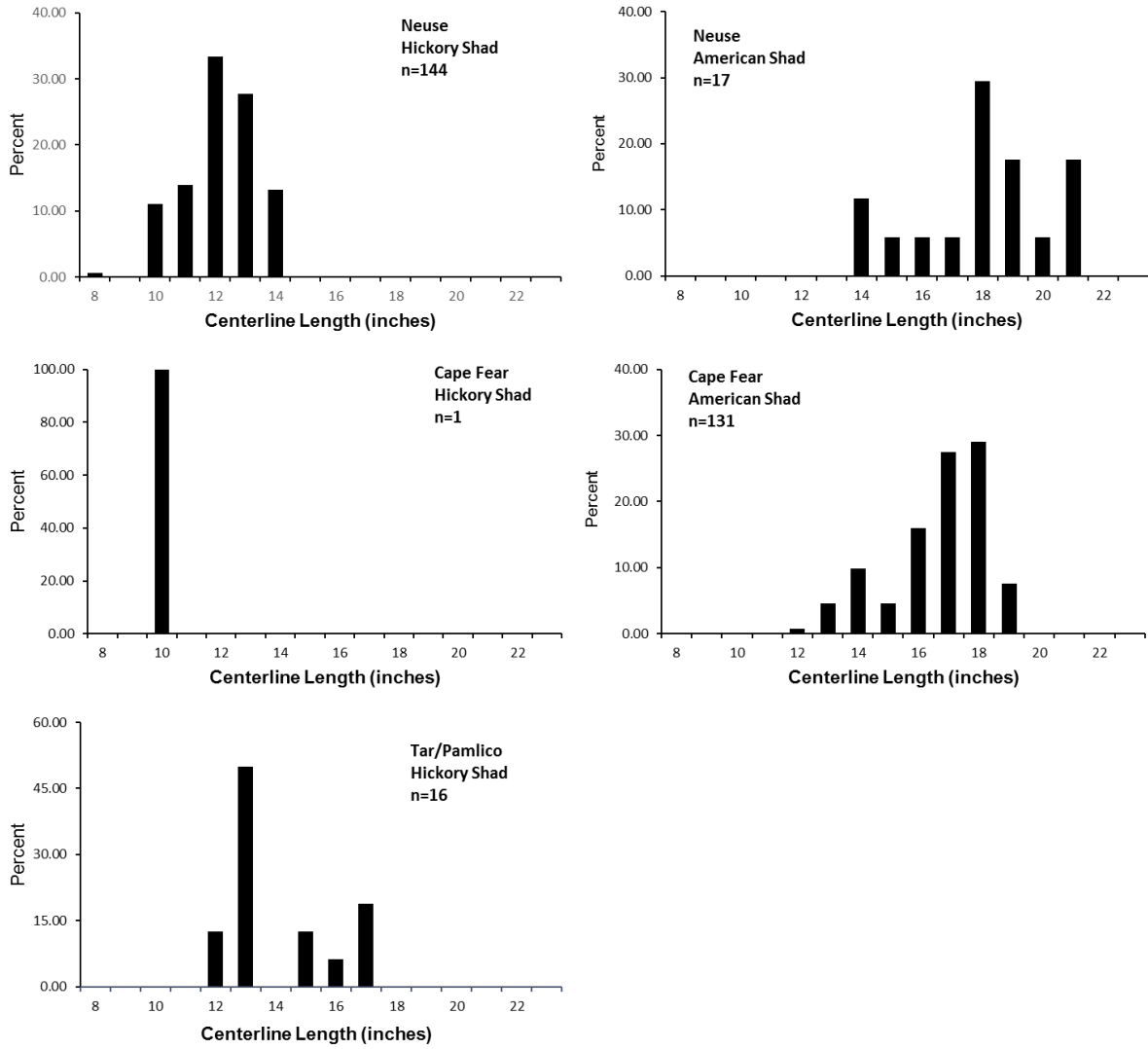


Figure 81. Length frequencies by percent of total observed striped bass from the Tar/Pamlico and Pungo river.



**Figure 82. Length frequencies by percent of total observed American and hickory shad from the CSMA, 2015.**

Appendix 6. CSMA creel survey interview form.

### CSMA CREEL SURVEY

*Interview Form*

1. INTERVIEWER ID	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	5. INTERVIEW TIME (use 2400 clock)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	8. PERIOD	<input type="text"/>
2. YR/MO/DAY	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	6. FISHING TRIP	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	9. REFUSAL	<input type="checkbox"/>
3. INTERVIEW NUMBER	<input type="text"/> <input type="text"/>	4. TYPE OF DAY	<input type="checkbox"/>	7. TIME FISHING BEGAN	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
				10. SITE	<input type="text"/> <input type="text"/>

11. HOURS FISHED	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	12. PARTY SIZE	<input type="text"/> <input type="text"/>	16. WERE YOU FISHING FOR ANY PARTICULAR KINDS OF FISH TODAY? IF YES, WHAT KINDS?
(Hours/Minutes)				
13. WERE YOU FISHING FROM:				
1 <input type="checkbox"/> Private Boat    2 <input type="checkbox"/> Charterboat    3 <input type="checkbox"/> Shore				
14. AREA FISHED (Specific waterbody)				
<hr/>				
15. WATERBODY CLASSIFICATION				
1 <input type="checkbox"/> Coastal    2 <input type="checkbox"/> Joint    3 <input type="checkbox"/> Inland				
17. PRIMARY FISHING METHOD				
1 <input type="checkbox"/> Casting    2 <input type="checkbox"/> Trolling    3 <input type="checkbox"/> Cut Bait    4 <input type="checkbox"/> Live Bait    5 <input type="checkbox"/> Gill Net				

**UNAVAILABLE CATCH.** Did you land any fish that are not here for me to look at? For example, any that you may have thrown back or used for bait?

**THROW BACKS**

	SPECIES CODE	DISP	# OF FISH
1	<input 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"/>
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"/>
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"/>
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"/>
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"/>

**DISPOSITION CODES**

- 1. Thrown back (legal fish)
- 2. Thrown back over bag limit
- 3. Thrown back under size limit
- 4. In slot (22-27)

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

	SPECIES CODE	# OF FISH	LENGTH (mm)	WEIGHT (kg)
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"/>
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"/>
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"/>
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"/>
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"/>
6	<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"/>
7	<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"/>
8	<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"/>
9	<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"/>
10	<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"/>

**Appendix 7. CSMA creel survey socioeconomic questions.**

**CSMA Creel Socioeconomic Questions**

- 1) How old were you on December 31, 2013? \_\_\_\_\_
- 2) What state do you live in? \_\_\_\_\_
- 3) If the state is NC, what county do you live in? \_\_\_\_\_
- 4) Are you,  Male  Female
- 5) What do you consider your ethnic background?  Hispanic/Latino (all races)  Asian-Pacific Islander  
 White/Caucasian  Native American  
 African-American/Black
- 6) How many years have you been recreational fishing? \_\_\_\_\_
- 7) How many fishing trips do you expect to take this year on this river for American shad, hickory shad, or striped bass? (if indicated as target species) \_\_\_\_\_

**The following questions ask you about this fishing trip. If you aren't sure of the exact answer, please give your best estimate.**

8) How many nights is the trip? (if none, skip questions 10 and 11).	
9) How many miles did you travel to get here?	
10) How many people who are on the trip are fishing?	
11) How much do you expect to pay for lodging per night on this trip?	
12) How much do you expect to pay for food on this trip?	
13) How much do you expect to pay for ice on this trip?	
14) How much do you expect to pay for bait on this trip?	
15) How much do you expect to pay for boat fuel and oil on this trip?	
16) How much do you expect to pay for vehicle fuel on this trip?	

- 17) Please rate your overall happiness with your fishing trip today on a scale of 1 to 10, with 1 being extremely unhappy and 10 being extremely happy. \_\_\_\_\_
- 18) Please rate your fishing success today on a scale of 1 to 10, with 1 being extremely unsuccessful and 10 being extremely successful. \_\_\_\_\_
- 19) The following is a hypothetical question, however will help provide information to better understand the economic value of our fisheries resources. Please be as accurate as possible when providing an answer. Keeping in mind the total expenses that you just mentioned, what is the maximum amount of additional money that you would be willing to spend to be able to take this fishing trip today? \_\_\_\_\_
- 20) Out of the following income categories, would you be willing to provide your personal pre-tax annual income?

Less than \$40,000    \$40,000 to \$80,000    \$80,001 to \$120,000    More than \$120,000

- 21) Will you be willing to participate in a follow-up survey?,  Yes  No

First	MI	Last
Street		
City	ST	ZIP

Appendix 8. 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

## Chapter V : NORTH CAROLINA RECREATIONAL SALTWATER ACTIVITY MAIL SURVEYS

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## **PROGRAM NARRATIVE**

Broad-based intercept surveys are commonly developed to produce estimates of recreational finfish harvest by hook and line activity among anglers. However, some saltwater related recreational fishing activities are commonly overlooked in these surveys and include the use of alternative gear(s) such as gigs, cast nets, and seines as well as harvest of shellfish (e.g., crabs, clams, oysters, and scallops). In May of 2010, NCDMF began a mail survey for the purpose of developing catch and effort estimates of recreational gigging activity. In October of 2011, two additional mail surveys were implemented to develop catch and effort estimates for cast net and seine use as well as the harvest of shellfish including: crabs, clams, oysters, and scallops. All three mail surveys are currently being conducted in North Carolina and are similar in design, methodology, and estimate computations. To date, methods to calculate catch and effort estimates have been developed and applied for gigging, cast net and seine use, and shellfish (blue crab and hard clam).

## **SURVEY METHODOLOGY**

Coastal Recreational Fishing License (CRFL) holders who purchase their license online or at NCDMF and NCWRC offices are asked four questions regarding their participation in the aforementioned saltwater recreational fishing activities. In addition, lifetime license holders who have purchased a hunting and/or inland fishing license prior to the implementation of the CRFL are asked the same questions when updating their contact information.

These questions are:

- Do you flounder gig?
- Do you use cast nets or seines?
- Do you harvest crabs?
- Do you harvest oysters, clams, or scallops?

For each survey activity, a subsample of approximately 1,300 anglers is chosen from among those who answered affirmatively to the respective saltwater activity question and whose license was valid at least one day during the prior month. Each member of the

sample is sent a pre-notice letter at the beginning of the month. The purpose of this letter is to inform license holders that they have been chosen to participate in the survey, the purpose of the survey, and to allow them the opportunity to complete the survey online through the NCDMF web-based survey site. Approximately 10-14 days later, sample members who have not completed the online survey are sent a second letter that includes a hard copy of the survey to complete. These individuals are asked to return the survey by the end of the month. The following estimates are produced independently for each survey.

### **Participation Estimates**

Participation estimates are determined for each of the survey time periods considering the following parameters:

- The number of potential participants is a product of the number of valid recreational licenses for the survey period and the percent of those who answered affirmatively to the respective saltwater activity question at the time of license purchase (or while updating contact information).
- The ineligibility rate is the number of anglers reporting they do not participate in flounder gigging divided by the total number of responses received.
- The estimated participation is a product of the number of potential participants and one minus the ineligibility rate.

### **Effort Estimates**

Effort estimates are determined for each of the survey time periods. Overall effort is determined by the number of trips reported for each survey respondent expanded to represent the population of license holders.

### **Catch Estimates**

Catch estimates are determined for each of the survey time periods by the following method. Catch is the number of a species harvested by each angler expanded to represent the population of license holders.

### **Precision of Estimates**

The numbers 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 this 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 used to calculate the proportional standard error (PSE). The PSE expresses the standard error as a percentage of the estimate (standard error/estimate x100). It provides an alternative measure of precision and is useful in comparing the relative precision of two or more 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**

### **Non-Response Bias**

There is a potential risk that those anglers who do not respond to the mail survey(s) behave in a manner differing from those who do. This is referred to as non-response bias. Without a 100% response rate, there is little that can be done to eliminate this possibility.

### **Recall Bias**

Recall bias can occur when any length of time exists between the reporting of an event and the event itself. The longer the time between reporting and the occurrence, the more likely recall bias is to occur. Validity of reported data can be strengthened with an intercept survey.

### **Rare Events**

Activities that seldom occur in recreational angling are referred to as rare events. In this particular instance, contacting someone participating in oyster and clam harvesting is rare.

Despite a relatively high response rate, the number of responses with reported oyster harvesting activity is too low to produce precise estimates of catch.

## CONTACTS

The recreational mail surveys are administered by the North Carolina Division of Marine Fisheries, Washington Regional Office. For additional information regarding the survey, please consider the list below.

North Carolina Division of Marine Fisheries  
Doug Mumford  
943 Washington Square Mall  
Washington, NC 27889  
800-338-7804  
[Doug.Mumford@ncdenr.gov](mailto:Doug.Mumford@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Chris Wilson  
943 Washington Square Mall  
Washington, NC 27889  
800-338-7804  
[Chris.Wilson@ncdenr.gov](mailto:Chris.Wilson@ncdenr.gov)

North Carolina Division of Marine Fisheries  
Andrew Cathey  
943 Washington Square Mall  
Washington, NC 27889  
800-338-7804  
[Andrew.Cathey@ncdenr.gov](mailto:Andrew.Cathey@ncdenr.gov)

**Table 125. Response rates for recreational flounder giggering mail surveys by year.**

Year	Survey Metric <sup>1</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2015	Total Delivered Surveys	1,429	1,437	1,427	1,320	1,386	981	7,980
	Number Responses	515	460	486	478	400	328	2,667
	Responses (%)	36.0	32.0	34.1	36.2	28.9	33.4	33.4
2014	Total Delivered Surveys	1,291	1,243	1,260	1,356	1,330	1,339	7,819
	Responses (number)	467	418	416	392	386	475	2,554
	Responses (%)	36.2	33.6	33.0	28.9	29.0	35.5	32.7
2013	Total Delivered Surveys	1,278	1,279	1,274	1,273	1,281	1,267	7,652
	Responses (number)	518	494	444	478	467	524	2,925
	Responses (%)	40.5	38.6	34.9	37.6	36.5	41.4	38.2
2012	Total Delivered Surveys	1,273	1,287	1,271	1,284	1,278	1,288	7,681
	Responses (number)	525	494	444	504	484	473	2,924
	Responses (%)	41.2	38.4	34.9	39.3	37.9	36.7	38.1
2011	Total Delivered Surveys	1,254	1,272	1,267	1,308	1,278	1,263	7,642
	Responses (number)	635	576	504	504	548	517	3,284
	Responses (%)	50.6	45.3	39.8	38.5	42.9	40.9	43
2010	Total Delivered Surveys	-	-	1,285	1,258	1,267	1,259	5,069
	Responses (number)	-	-	610	568	610	685	2,473
	Responses (%)	-	-	47.5	45.2	48.2	54.4	48.8

<sup>1</sup>Does not include deceased license holders or invalid addresses.

**Table 126. Recreational flounder gigging effort and catch (in numbers) (estimates based on mail survey).**

Year	Wave	Total Effort	PSE Effort	Total Flounder Harvest	PSE Harvest	Total Flounder Release	PSE Release	Total Flounder Catch	PSE Total Catch
2015	Jan/Feb	951	30.19	1,169	42.18	-	-	1,169	42.18
	Mar/Apr	520	38.32	994	49.16	-	-	994	49.16
	May/June	4,258	18.75	7,600	21.72	1,230	39.46	8,830	21.99
	Jul/Aug	4,448	17.05	7,799	23.02	69	100	7,868	22.96
	Sep/Oct	4,592	21.89	9,241	22.54	764	51.28	10,005	23.21
	Nov/Dec	1,892	29.04	1,909	40	293	62	2,202	41.31
	<b>Total</b>	<b>16,660</b>	<b>9.89</b>	<b>28,712</b>	<b>11.9</b>	<b>2,356</b>	<b>27.91</b>	<b>31,068</b>	<b>12.09</b>
2014	Jan/Feb	1,490	37.6	1,880	43.4	542	100.0	2,422	47.7
	Mar/Apr	893	38.4	1,274	64.9	-	-	1,274	64.9
	May/June	5,624	18.1	8,444	26.1	702	47.5	9,146	24.9
	Jul/Aug	5,549	17.4	8,816	23.9	793	40.1	9,609	24.0
	Sep/Oct	5,282	22.0	12,648	27.1	106	100.0	12,754	27.0
	Nov/Dec	2,108	32.2	9,245	33.9	572	51.9	9,817	32.9
	<b>Total</b>	<b>20,946</b>	<b>10.0</b>	<b>42,306</b>	<b>13.6</b>	<b>2,715</b>	<b>28.8</b>	<b>45,022</b>	<b>13.3</b>
2013	Jan/Feb	602	56.1	368	72.0	-	-	368	72.0
	Mar/Apr	330	77.1	923	59.3	-	-	923	59.3
	May/June	7,022	28.7	16,687	30.8	1,062	70.0	17,749	29.9
	Jul/Aug	7,596	18.0	12,618	23.3	829	43.5	13,447	22.5
	Sep/Oct	6,206	20.4	16,249	25.8	415	70.1	16,664	25.4
	Nov/Dec	4,062	21.9	7,574	27.6	453	57.7	8,027	27.3
	<b>Total</b>	<b>25,818</b>	<b>11.3</b>	<b>54,419</b>	<b>13.9</b>	<b>2,759</b>	<b>33.1</b>	<b>57,178</b>	<b>13.8</b>
2012	Jan/Feb	976	62.0	69	100.0	-	-	69	100.0
	Mar/Apr	623	48.3	1,539	48.2	99	80.8	1,638	47.5
	May/June	5,851	27.4	13,101	44.0	977	95.0	14,079	45.6
	Jul/Aug	5,411	23.3	10,741	30.9	577	78.0	11,318	30.4
	Sep/Oct	7,483	22.3	16,601	24.2	775	97.9	17,376	23.5
	Nov/Dec	1,602	32.4	4,287	42.8	246	100	4,533	42.2
	<b>Total</b>	<b>21,946</b>	<b>12.9</b>	<b>46,338</b>	<b>17.5</b>	<b>2,674</b>	<b>48.8</b>	<b>49,013</b>	<b>17.7</b>
2011	Jan/Feb	325	45.3	746	61.0	91	59.7	838	56.0
	Mar/Apr	425	41.1	431	38.0	-	-	431	38.0
	May/June	4,687	28.7	8,341	30.1	514	55.3	8,855	29.7
	Jul/Aug	9,723	27.2	18,090	30.3	4,549	83.7	22,639	30.9
	Sep/Oct	4,502	27.8	9,270	40.7	1,521	93.4	10,791	46.6
	Nov/Dec	6,004	33.5	15,076	40.0	3,051	64.0	18,127	41.1
	<b>Total</b>	<b>25,666</b>	<b>15.4</b>	<b>51,954</b>	<b>18.4</b>	<b>9,726</b>	<b>46.5</b>	<b>61,680</b>	<b>19.5</b>
2010	Jan/Feb	-	-	-	-	-	-	-	-
	Mar/Apr	-	-	-	-	-	-	-	-
	May/June	2,168	24.2	4,138	28.1	977	39.1	5,116	27.6
	Jul/Aug	5,427	18.8	8,438	19.1	1,308	30.7	9,746	18.2
	Sep/Oct	2,385	21.5	3,932	25.0	338	42.5	4,270	24.1
	Nov/Dec	802	25.7	1,571	28.6	428	46.9	1,999	28.3
	<b>Total</b>	<b>10,782</b>	<b>12.0</b>	<b>18,079</b>	<b>12.6</b>	<b>3,051</b>	<b>19.9</b>	<b>21,131</b>	<b>12.2</b>



**Table 127. Response rates for recreational cast net and seine mail surveys by year.**

Year	Survey Metric <sup>1</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct <sup>2</sup>	Nov/Dec	
2015	Total Delivered Surveys	1,361	1,435	1,405	1,460	1,375	1,159	8,195
	Number Responses	490	514	452	424	390	411	2,681
	Responses (%)	36.0	35.8	32.2	29.0	28.4	35.5	32.7
2014	Total Delivered Surveys	1,289	1,270	1,254	1,396	1,243	1,324	7,776
	Responses (number)	506	458	377	362	398	479	2,580
	Responses (%)	39.3	36.1	30.1	25.9	32.0	36.2	33.2
2013	Total Delivered Surveys	1,274	1,283	1,287	1,284	1,277	1,300	7,705
	Responses (number)	584	492	532	466	510	502	3,086
	Responses (%)	45.8	38.4	41.3	36.3	39.9	38.6	40.1
2012	Total Delivered Surveys	1,271	1,282	1,281	1,288	1,288	1,297	7,707
	Responses (number)	537	523	470	470	505	543	3,048
	Responses (%)	42.3	40.8	36.7	36.5	39.2	41.9	39.5
2011	Total Delivered Surveys	-	-	-	-	641	1,279	1,920
	Responses (number)	-	-	-	-	283	530	813
	Responses (%)	-	-	-	-	44.2	41.4	42.3

<sup>1</sup>Does not include deceased license holders or invalid addresses.

<sup>2</sup>Wave was incomplete for 2011.

**Table 128. Recreational cast net effort and catch (in numbers) for Atlantic menhaden (estimates based on mail survey).**

Year	Wave	Total Effort	PSE Effort	Total Menhaden Harvest	PSE Harvest	Total Menhaden Release	PSE Release	Total Menhaden Catch	PSE Total Catch
2015	Jan/Feb	10,675	22.6	-	-	-	-	-	-
	Mar/Apr	16,659	16.5	321	100.0	696	100	1,017	75.1
	May/June	51,678	11.9	34,034	31.0	63,946	38.6	97,980	31.6
	Jul/Aug	66,211	10.5	23,107	42.3	31,486	41.1	54,593	34.4
	Sep/Oct	40,347	10.6	11,229	49.3	12,976	37.5	24,205	35.7
	Nov/Dec	24,099	17.4	2,884	70.8	9,849	43.2	12,733	37.8
	Total	209,670	5.8	71,575	21.9	118,953	24.2	190,528	19.9
2014	Jan/Feb	6,792	22.1	695	100	-	-	695	100
	Mar/Apr	15,839	18.9	7,827	82.8	2,777	59.2	10,604	64.4
	May/June	30,956	12.7	3,960	76	10,784	41.6	14,744	40
	Jul/Aug	45,492	12.7	655	100	10,246	39.5	10,901	37.6
	Sep/Oct	67,442	12.5	12,012	47.5	37,943	41.7	49,955	37.2
	Nov/Dec	25,516	14.4	1,128	100	5,239	51.2	6,367	45.7
	Total	192,036	6.6	26,278	35.6	66,989	26.3	93,267	23.4
2013	Jan/Feb	12,752	16.5	9,914	89.4	5,262	56.9	15,176	67.9
	Mar/Apr	9,543	22.8	-	-	1,463	70.8	1,463	70.8
	May/June	25,337	11.9	14,144	55.6	18,238	39.1	32,382	41.3
	Jul/Aug	38,968	11.1	67,212	44.8	48,914	25.6	116,125	33.0
	Sep/Oct	24,330	16.1	11,049	45.7	17,569	35.5	28,618	32.3
	Nov/Dec	24,881	14.9	2,594	60.2	6,811	47.0	9,404	37.7
	Total	135,812	6.2	104,913	31.4	98,256	16.9	203,168	21.4
2012	Jan/Feb	9,930	22.5	6,836	58.6	2,682	70.8	9,519	61.3
	Mar/Apr	7,795	21.1	1,687	59.1	2,933	61.3	4,620	59.3
	May/June	21,890	12.3	52,938	34.8	15,933	34.9	68,871	33.0
	Jul/Aug	32,458	13.4	2,246	75.5	10,530	63.6	12,775	53.9
	Sep/Oct	31,512	11.0	20,186	50.6	13,235	46.4	33,421	38.5
	Nov/Dec	24,844	14.4	12,108	60.3	3,039	64.2	15,147	55.2
	Total	128,429	6.1	96,001	23.9	48,352	23.1	144,353	20.3
2011	Sep/Oct <sup>1</sup>	-	-	-	-	-	-	-	-
	Nov/Dec	19,042	23.6	69,106	39.9	27,727	53.6	96,833	40.0

<sup>1</sup>Wave was incomplete so estimates were not calculated.

**Table 129. Recreational cast net effort and catch (in numbers) for mullet (striped and white)  
(estimates based on mail survey).**

Year	Wave	Total Effort	PSE for Effort	Total Mullet Harvest	PSE Harvest	Total Mullet Release	PSE for Release	Total Mullet Catch	PSE for Total Catch
2015	Jan/Feb	6,554	26.0	11,172	52.5	2,884	54.8	14,056	48.2
	Mar/Apr	13,338	18.8	9,870	40.8	5,880	33.6	15,751	35.3
	May/June	49,792	12.2	103,793	22.9	48,774	26.3	152,567	19.5
	Jul/Aug	63,706	10.6	149,016	20.0	133,629	20.5	282,645	16.1
	Sep/Oct	37,938	11.0	32,683	30.0	39,298	19.8	71,981	18.2
	Nov/Dec	24,264	17.7	34,817	36.7	34,672	25.5	69,489	25.2
	Total	195,592	6.1	341,350	12.5	265,137	12.6	606,488	10.1
2014	Jan/Feb	5,036	25.7	4,886	82.2	744	70.9	5,631	73.7
	Mar/Apr	15,247	19.7	11,284	53.1	1,563	69.2	12,847	50.7
	May/June	28,343	13.1	39,438	33.2	22,465	23.6	61,903	24.4
	Jul/Aug	42,572	12	37,774	36.9	56,604	20.4	94,378	22.2
	Sep/Oct	63,250	12.7	82,343	23.2	146,886	17.3	229,229	16
	Nov/Dec	24,174	14.6	29,518	29.6	24,946	25.6	54,464	21.2
	Total	178,623	6.6	205,243	14.5	253,209	11.9	458,453	10.6
2013	Jan/Feb	12,635	18.6	26,244	51.4	6,668	39.1	32,911	46.4
	Mar/Apr	8,642	24.1	6,915	69.5	2,741	56.4	9,656	52.2
	May/June	24,541	11.8	25,409	40.4	21,957	30.5	47,366	29.9
	Jul/Aug	41,197	11.3	210,888	23.4	121,012	21.7	331,900	20.1
	Sep/Oct	25,277	16.6	33,918	46.0	39,065	26.1	72,983	31.0
	Nov/Dec	25,666	15.3	37,667	27.3	34,740	30.9	72,407	23.8
	Total	137,959	6.4	341,039	16.7	226,183	14.1	567,223	13.7
2012	Jan/Feb	10,484	22.1	23,346	32.8	9,050	42.3	32,395	32.4
	Mar/Apr	9,734	19.8	17,055	32.0	3,931	57.2	20,986	31.8
	May/June	20,903	12.5	84,180	25.7	26,845	32.9	111,025	23.9
	Jul/Aug	29,725	13.8	107,409	23.7	64,453	29.6	171,862	21.3
	Sep/Oct	29,810	11.3	135,318	19.9	72,941	16.0	208,259	15.5
	Nov/Dec	21,094	15.9	24,484	38.0	31,774	26.5	56,258	26.0
	Total	121,751	6.2	391,792	11.6	208,993	12.5	600,785	9.9
2011	Sep/Oct <sup>1</sup>	-	-	-	-	-	-	-	-
	Nov/Dec	16,461	23.8	59,992	40.6	33,278	56.7	93,269	39.6

<sup>1</sup>Wave was incomplete so estimates were not calculated.

**Table 130. Recreational cast net effort and catch (in numbers) for shrimp (estimates based on mail survey).**

Year	Wave	Total Effort	PSE Effort	Total Shrimp Harvest	PSE Harvest	Total Shrimp Release	PSE Release	Total Shrimp Catch	PSE Total Catch
2015	Jan/Feb	8,215	25.2	-	-	954	100.0	954	100.0
	Mar/Apr	15,496	16.9	857	100.0	321	100.0	1,178	77.7
	May/June	55,616	11.8	20,676	39.4	3,608	58.9	24,284	39.4
	Jul/Aug	73,336	10.5	8,597	69.7	21,413	31.9	30,010	33.3
	Sep/Oct	41,719	10.6	986	100.0	6,686	66.8	7,672	59.6
	Nov/Dec	25,629	17.2	22,223	69.9	-	-	22,223	69.9
	Total	220,011	5.9	53,339	34.9	32,981	26.1	86,321	24.8
2014	Jan/Feb	6,118	23.5	1,390	100	-	-	1,390	100.0
	Mar/Apr	17,014	20.9	738	100	-	-	738	100.0
	May/June	29,544	12.3	-	-	1,074	49.8	1,074	49.8
	Jul/Aug	52,411	12	25,347	49.1	11,859	52.8	37,206	38.3
	Sep/Oct	70,347	12.1	10,668	58	24,162	56.7	34,830	49.2
	Nov/Dec	26,859	13.7	-	-	949	100	949	100
	Total	202,293	6.5	38,144	37.1	38,044	40	76,187	29.7
2013	Jan/Feb	14,698	17.2	-	-	-	-	-	-
	Mar/Apr	10,161	21.7	2,559	100.0	-	-	2,559	100.0
	May/June	24,474	12.0	1,611	100.0	3,964	46.1	5,574	43.7
	Jul/Aug	42,411	11.0	16,569	44.1	9,150	39.6	25,719	34.7
	Sep/Oct	23,784	16.8	5,237	100.0	11,045	54.9	16,281	49.0
	Nov/Dec	26,508	14.9	4,537	63.9	4,897	67.5	9,434	53.7
	Total	142,037	6.2	30,512	32.5	29,055	27.7	59,568	22.7
2012	Jan/Feb	10,302	22.4	2,885	73.2	244	100.0	3,129	67.9
	Mar/Apr	9,258	20.3	-	-	-	-	-	-
	May/June	20,831	12.5	19,068	45.4	9,422	47.4	28,490	34.7
	Jul/Aug	31,775	13.3	16,219	53.4	716	53.5	16,935	51.7
	Sep/Oct	30,304	11.1	36,592	56.1	9,202	55.4	45,795	51.1
	Nov/Dec	24,421	14.8	9,570	72.5	-	-	9,570	72.5
	Total	126,891	6.1	84,335	29.7	19,584	34.8	103,919	26.9
2011	Sep/Oct <sup>1</sup>	-	-	-	-	-	-	-	-
	Nov/Dec	21,126	21.9	20,632	53.2	-	-	20,632	53.2

<sup>1</sup>Wave was incomplete so estimates were not calculated.

**Table 131. Response rates for recreational shellfish and crab harvest by year.**

Year	Survey Metric <sup>1</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2015	Total Delivered Surveys	1,346	1,452	1,269	1,416	1,352	1,205	8,040
	Number Responses	551	610	364	436	441	489	2,891
	Responses (%)	40.9	42.0	28.7	30.8	32.6	40.6	36.0
2014	Total Delivered Surveys	1,268	1,255	1,204	1,354	1,309	1,361	7,751
	Responses (number)	537	509	439	363	444	498	2,790
	Responses (%)	42.4	40.6	36.5	26.8	33.9	36.6	36.0
2013	Total Delivered Surveys	1,275	1,283	1,281	1,267	1,271	1,283	7,660
	Responses (number)	552	525	520	531	480	586	3,194
	Responses (%)	43.3	40.9	40.6	41.9	37.8	45.7	41.7
2012	Total Delivered Surveys	1,283	1,284	1,291	1,276	1,294	1,285	7,713
	Responses (number)	593	546	492	515	499	547	3,192
	Responses (%)	46.2	42.5	38.1	40.4	38.6	42.6	41.4
2011	Total Delivered Surveys	1,259	1,275	1,272	1,276	1,276	1,288	7,646
	Responses (number)	660	592	561	588	592	598	3,591
	Responses (%)	52.4	46.4	44.1	46.1	46.4	46.4	47.0
2010	Total Delivered Surveys	-	-	-	-	628	629	1,257
	Responses (number)	-	-	-	-	309	353	662
	Responses (%)	-	-	-	-	49.2	56.1	52.7

<sup>1</sup>Does not include deceased license holders or invalid addresses.

**Table 132. Number and percent of recreational shellfish surveys reporting clam activity by year.**

Year	Survey Metric <sup>1</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2015	Total Responses (number)	551	610	364	436	441	489	2,891
	Reporting Clam Activity (number)	10	14	24	43	24	14	129
	Reporting Clam Activity (%)	1.8	2.3	6.6	9.9	5.4	2.9	4.5
2014	Total Responses (number)	537	509	439	363	444	498	2,790
	Reporting Clam Activity (number)	8	11	30	19	18	11	97
	Reporting Clam Activity (%)	1.5	2.2	6.8	5.2	4.1	2.2	3.5
2013	Total Responses (number)	552	525	520	531	480	586	3,194
	Reporting Clam Activity (number)	11	10	20	71	27	12	151
	Reporting Clam Activity (%)	2	1.9	3.8	13.4	5.6	2	4.7
2012	Total Responses (number)	593	546	492	515	499	547	3,192
	Reporting Clam Activity (number)	10	8	26	39	21	15	119
	Reporting Clam Activity (%)	1.7	1.5	5.3	7.6	4.2	2.7	3.7
2011	Total Responses (number)	660	592	561	588	592	598	3,591
	Reporting Clam Activity (number)	20	17	20	28	28	20	133
	Reporting Clam Activity (%)	3	2.9	3.6	4.8	4.7	3.3	3.7
2010	Total Responses (number)	-	-	-	-	309	353	662
	Reporting Clam Activity (number)	-	-	-	-	6	16	22
	Reporting Clam Activity (%)	-	-	-	-	1.9	4.5	3.3

<sup>1</sup>Does not include deceased license holders or invalid addresses.

**Table 133. Number and percent of recreational shellfish surveys reporting oyster activity by year.**

Year	Survey Metric <sup>1</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2015	Total Responses (number)	551	610	364	436	441	489	2,891
	Reporting Oyster Activity (number)	11	3	1	0	8	18	41
	Reporting Oyster Activity (%)	2.0	0.5	0.3	0.0	1.8	3.7	1.4
2014	Total Responses (number)	537	509	439	363	444	498	2,790
	Reporting Oyster Activity (number)	11	5	1	1	5	14	37
	Reporting Oyster Activity (%)	2.0	1.0	0.2	0.3	1.1	2.8	1.3
2013	Total Responses (number)	552	525	520	531	480	586	3,194
	Reporting Oyster Activity (number)	15	12	1	0	6	18	52
	Reporting Oyster Activity (%)	2.7	2.3	0.2	0	1.3	3.1	1.6
2012	Total Responses (number)	593	546	492	515	499	547	3,192
	Reporting Oyster Activity (number)	23	4	1	3	3	24	58
	Reporting Oyster Activity (%)	3.9	0.7	0.2	0.6	0.6	4.4	1.8
2011	Total Responses (number)	660	592	561	588	592	598	3,591
	Reporting Oyster Activity (number)	16	6	0	1	5	18	46
	Reporting Oyster Activity (%)	2.4	1.0	0	0.2	0.8	3.0	1.3
2010	Total Responses (number)	-	-	-	-	309	353	662
	Reporting Oyster Activity (number)	-	-	-	-	4	20	24
	Reporting Oyster Activity (%)	-	-	-	-	1.3	5.7	3.6

<sup>1</sup>Does not include deceased license holders or invalid addresses.

**Table 134. Number and percent of recreational shellfish surveys reporting crab activity by year.**

Year	Survey Metric <sup>1</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2015	Total Responses (number)	551	610	364	436	441	489	2,891
	Reporting Crab Activity (number)	10	28	50	90	60	24	262
	Reporting Crab Activity (%)	1.8	4.6	13.7	20.6	13.6	4.9	9.1
2014	Total Responses (number)	537	509	439	363	444	498	2,790
	Reporting Crab Activity (number)	11	20	73	53	57	10	224
	Reporting Crab Activity (%)	2.0	3.9	16.6	14.6	12.8	2.0	8.0
2013	Total Responses (number)	552	525	520	531	480	586	3,194
	Reporting Crab Activity (number)	6	15	58	62	61	22	224
	Reporting Crab Activity (%)	1.1	2.9	11.2	11.7	12.7	3.8	7.0
2012	Total Responses (number)	593	546	492	515	499	547	3,192
	Reporting Crab Activity (number)	12	22	72	80	42	22	250
	Reporting Crab Activity (%)	2.0	4.0	14.6	15.5	8.4	4.0	7.8
2011	Total Responses (number)	660	592	561	588	592	598	3,591
	Reporting Crab Activity (number)	14	19	82	90	77	31	313
	Reporting Crab Activity (%)	2.1	3.2	14.6	15.3	13.0	5.2	8.7
2010	Total Responses (number)	-	-	-	-	309	353	662
	Reporting Crab Activity (number)	-	-	-	-	8	14	22
	Reporting Crab Activity (%)	-	-	-	-	2.6	4.0	3.3

<sup>1</sup>Does not include deceased license holders or invalid addresses.



**Table 135. Recreational shellfish effort and catch (in numbers) for hard clam (estimates based on mail survey).**

Year	Wave	Total Effort	PSE for Effort	Total Clam Harvest	PSE for Harvest	Total Clam Release	PSE for Release	Total Clam Catch	PSE Total Catch
2015	Jan/Feb	195	77.3	2,433	100.0	-	-	2,433	100.0
	Mar/Apr	645	43.6	992	100.0	-	-	992	100.0
	May/June	1,443	31.7	35,133	44.9	6,040	35.4	41,172	41.2
	Jul/Aug	3,587	19.7	104,911	31.1	33,464	34.7	138,374	31.1
	Sep/Oct	1,270	33.8	13,094	39.0	1,055	43.5	14,149	37.2
	Nov/Dec	497	58.0	9,856	63.5	2,255	55.1	12,112	61.1
	Total	7,636	13.9	166,418	22.8	42,814	28.2	209,231	23.0
2014	Jan/Feb	108	100.0	379	100.0	-	-	379	100.0
	Mar/Apr	129	70.8	978	100.0	-	-	978	100.0
	May/June	2,931	25.4	107,970	31.1	13,873	25.5	121,843	29.4
	Jul/Aug	1,368	41.2	25,053	57.2	1,827	62.6	26,880	56.0
	Sep/Oct	1,691	32.5	20,766	51.1	2,209	56.5	22,976	49.1
	Nov/Dec	98	71.8	7,510	87.9	1,306	79.0	8,816	80.8
	Total	6,325	17.9	162,656	24.0	19,215	21.5	181,871	22.9
2013	Jan/Feb	824	63.5	3,142	100.0	682	72.5	3,824	89.6
	Mar/Apr	986	81.6	-	-	-	-	-	-
	May/June	830	37.0	17,426	48.8	5,861	48.2	23,288	47.2
	Jul/Aug	4,763	15.3	150,255	18.6	22,168	18.0	172,423	17.6
	Sep/Oct	745	27.5	19,087	39.9	5,408	45.1	24,495	37.8
	Nov/Dec	496	48.4	1,932	84.9	644	100.0	2,576	72.8
	Total	8,645	15.1	191,841	16.2	34,764	16.1	226,605	15.3
2012	Jan/Feb	183	88.0	1,908	100.0	530	100.0	2,438	100.0
	Mar/Apr	28	100.0	-	-	-	-	-	-
	May/June	878	30.9	11,963	37.4	2,714	37.2	14,677	36.7
	Jul/Aug	4,024	22.3	102,500	27.8	27,899	29.1	130,399	27.0
	Sep/Oct	1,289	30.2	20,500	37.3	3,730	37.6	24,230	36.9
	Nov/Dec	324	45.8	9,280	66.9	2,743	72.2	12,023	61.6
	Total	6,725	16.3	146,152	21.3	37,615	23.1	183,767	20.8
2011	Jan/Feb	1,433	32.1	20,889	42.0	3,347	48.3	24,236	40.2
	Mar/Apr	923	44.3	6,658	57.5	1,000	69.7	7,659	55.4
	May/June	1,337	34.5	45,684	74.1	6,040	61.9	51,724	70.3
	Jul/Aug	1,188	32.0	19,430	38.9	4,730	41.3	24,161	38.4
	Sep/Oct	689	55.3	8,170	37.9	660	43.3	8,830	36.6
	Nov/Dec	781	36.4	26,765	38.2	1,974	49.9	28,739	37.9
	Total	6,350	15.7	127,597	29.4	17,752	26.4	145,348	28.0
2010	Nov/Dec	528	45.5	8,731	61.0	991	100.0	9,723	62.3

**Table 136. Recreational shellfish effort and catch (in numbers) for blue crab (estimates based on mail survey).**

Year	Wave	Total Effort	PSE Effort	Total Crab Harvest	PSE Harvest	Total Crab Release	PSE Release	Total Crab Catch	PSE Total Catch
2015	Jan/Feb	760	66.7	-	-	-	-	-	-
	Mar/Apr	2,993	36.1	4,648	44.9	5,897	37.4	10,546	37.3
	May/June	5,182	19.4	22,461	28.8	14,429	24.3	36,890	24.7
	Jul/Aug	10,880	24.3	31,483	29.5	28,123	23.4	59,605	25.1
	Sep/Oct	5,743	28.9	12,309	29.6	8,925	19.6	21,234	23.2
	Nov/Dec	13,787	100.0	-	-	18,383	100.0	18,383	100.0
	Total	39,344	35.8	70,901	17.2	75,757	26.5	146,657	17.9
2014	Jan/Feb	335	36.9	-	-	-	-	-	-
	Mar/Apr	1,222	27.6	2,872	48.4	2,322	41.5	5,195	43.0
	May/June	8,477	18.9	25,749	27.0	18,019	21.9	43,768	22.2
	Jul/Aug	5,584	24.9	35,911	44.3	23,067	33.7	58,978	37.1
	Sep/Oct	7,282	15.7	35,882	23.7	23,975	23.4	59,856	21.3
	Nov/Dec	481	38.7	183	100.0	30	100.0	213	100.0
	Total	23,381	11.3	100,596	19.5	67,413	15.7	168,010	16.5
2013	Jan/Feb	161	74.9	-	-	-	-	-	-
	Mar/Apr	1,784	47.4	1,528	59.8	1,162	53.6	2,690	52.8
	May/June	6,225	25.8	23,150	31.0	11,528	24.9	34,678	27.4
	Jul/Aug	9,555	17.6	40,004	21.4	20,143	21.6	60,147	19.2
	Sep/Oct	10,599	21.4	25,976	24.4	25,872	30.4	51,848	25.4
	Nov/Dec	2,408	39.3	3,516	44.7	2,747	44.0	6,263	42.6
	Total	30,731	11.6	94,174	13.9	61,451	15.7	155,626	13.1
2012	Jan/Feb	781	50.8	1,215	64.6	330	73.5	1,545	62.3
	Mar/Apr	2,196	21.2	8,230	37.4	5,504	40.4	13,734	34.5
	May/June	7,311	19.5	23,564	24.0	14,762	22.1	38,326	21.6
	Jul/Aug	11,262	12.1	61,648	17.0	40,210	18.4	101,858	16.6
	Sep/Oct	3,625	21.0	19,563	32.7	13,405	33.1	32,968	31.0
	Nov/Dec	1,688	31.9	6,759	44.5	4,861	41.6	11,620	41.6
	Total	26,863	8.9	120,980	12.0	79,072	12.5	200,052	11.5
2011	Jan/Feb	658	47.4	2,253	68.5	1,287	59.2	3,540	53.4
	Mar/Apr	1,570	31.2	5,472	46.8	4,725	54.6	10,197	47.7
	May/June	8,253	16.6	36,477	27.0	19,310	18.0	55,786	21.9
	Jul/Aug	7,416	10.3	33,159	20.5	32,266	20.9	65,426	17.9
	Sep/Oct	5,333	13.4	29,034	22.9	20,718	18.7	49,752	19.7
	Nov/Dec	1,588	26.1	8,031	38.4	3,457	37.1	11,488	37.1
	Total	24,818	8.2	114,426	12.7	81,763	11.1	196,189	10.7
2010	Nov/Dec	5,173	49.5	17,349	69.2	5,276	56.5	22,626	65.2

**Appendix 9. Primary and secondary water bodies.**

Please list the major waterbody (in bold) you used from the following list.

<b><u>Albemarle Sound</u></b> Alligator River Batchelor Bay Big Flatty Creek Bull Bay Edenton Bay Little River North River Scuppernong River Swan Bay Taylor Bay Yeopim River	<b><u>Croatan Sound</u></b> Manns Harbor	<b><u>North River (Carteret)</u></b>	<b><u>Roanoke Sound</u></b> Broad Creek Kitty Hawk Bay Shallowbag Bay
	<b><u>Currituck Sound</u></b> Above Narrows Below Narrows Coinjock Bay Knotts Island Bay	<b><u>Davis Bay</u></b> Goose Bay Muddy Creek North River Thorofare The Straits Ward Creek	<b><u>Shalotte River</u></b> Gibbs Creek Little Shalotte River
	<b><u>Little River</u></b> Bonaparte Creek Calabash Creek Eastern Channel Ocean Isle Canals	<b><u>Pasquotank River</u></b> Little Flatty Creek Newbegun Creek	<b><u>Stump Sound</u></b> Alligator Bay Thomas Landing Mill Creek
<b><u>Bay River</u></b> Bonner Bay Fishermen Bay Rockhole Bay Trent Creek Vandermere Creek	<b><u>Lockwood Folly</u></b> Spring Branch	<b><u>Pamlico River</u></b> Bath Creek Blounts Bay Blounts Creek Broad Creek Durham Creek Goose Creek North Creek	<b><u>Topsail Sound</u></b> Virginia Creek Topsail Creek Elmore Inlet
<b><u>Bogue Sound</u></b>  Bogue Inlet  Broad Creek  Deer Creek Gales Creek Hoop Hole Money Isle Pelitier Creek Spooners Creek Tar Landing Bay Turning Basin	<b><u>Masonboro Sound</u></b> Banks Channel Carolina Beach Basin	<b><u>South Creek</u></b>  St. Clairs Creek	<b><u>White Oak River</u></b>
	Carolina Beach Inlet		<b>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.</b>
	Johns Creek		<b>Intercoastal Waterway</b> Brunswick County
	Mason Inlet Masonboro Channel Masonboro Inlet Rich Inlet	<b><u>Pamlico Sound</u></b> Abel Bay Caffee Bay Deep Bay Deep Cove East Bluff Bay Far Creek Germantown Bay Jones Bay Juniper Bay Long Shoal River Mouse Harbor Oyster Creek Rose Bay Spencer Bay Striking Bay Swan Quarter Bay West Bluff Bay Wysocking Bay	<b>Intercoastal Waterway</b> Carteret County
<b><u>Cape Fear River</u></b> Baldhead Creek Brunswick River Buzzards Bay Cedar Creek Dutchman Creek Elizabeth River First Bay Northeast Cape River Second Bay	<b><u>Neuse River</u></b> Adams Creek Beard Creek Broad Creek Clubfoot Creek Dawson Creek Goose Creek Hancock Creek N. of Core Creek Bridge Slocum Creek South River Swan Creek Trent Creek Turnagain Bay Upper Broad Creek		<b>Intercoastal Waterway</b> Craven County
<b><u>Chowan River</u></b> Meherrin River	<b><u>New River</u></b> Chadwick Bay Courthouse Bay Farnell Bay Morgan Bay Stones Bay	<b><u>Pungo River</u></b> Fortescue Creek Jordan Creek Pantego Creek Pungo Creek Satterthwaite Creek Slade Creek Wrights Creek	<b>Intercoastal Waterway</b> New Hanover County
<b><u>Core Sound</u></b> Back Bay Back Sound Barry Bay Cedar Island Bay Jarrett Bay Middle Marshes Nelson Bay Oyster Creek Styron Bay Thorofare Bay	<b><u>Newport River</u></b> Calico Creek Core Creek Haystacks S. of Core Creek Bridge Taylor Creek Town Creek		<b>Intracoastal Waterway</b> Onslow County
			<b>Intracoastal Waterway</b> Pender County
			<b>Atlantic Ocean</b> (north of Cape Hatteras)
			<b>Atlantic Ocean</b> (south of Cape Hatteras)

Appendix 10. Saltwater recreational cast net/seine survey form.

**North Carolina Division of Marine Fisheries**  
**Saltwater Recreational Cast net/Seine Survey**

«AddressBlock»  
Survey PIN: «customerid»

If your name or address printed to the left is not correct, please correct it in this box.

Name	
Address	
City	
State	Zip

If you purchased a Lifetime License from the Wildlife Resource Commission (WRC) **prior to January 1, 2007** do you saltwater fish?

- Yes       No       This question does not apply to me.

How would you *prefer* to receive future communications from the Division of Marine Fisheries?  
(Choose only one)

- Postal mail       Internet       No preference

Email address: \_\_\_\_\_

**Cast net/Seine Participation Information**

- Check here if you did **not** use saltwater recreational cast nets or seines during Period of Interest (Bi-Monthly).

(If you used a cast net/seine for bait fish, please report activity on the next page).

If you do not use saltwater cast net/seines and **will not do so in the future** please check the reason why.

- Never used cast net/seine:     Other (please explain): \_\_\_\_\_

**Please verify your address is correct and return the survey with the envelope provided.**

We appreciate your participation.

**Comments**

We appreciate your time in helping us learn more about the catch and efforts of our castnet/seine angling community. Please feel free to write any questions, comments, or suggestions below.

**If you have cast net/seine activity to report  
(Period of Interest (Bi-Monthly))  
please turn page over to continue survey.**

**Trip Information**

Please answer the following questions **only for saltwater recreational castnet/seine trips** that occurred during Period of Interest (Bi-Monthly).

Which do you use most often? (choose only one)

- Cast net                       Seine                       Use both equally

How many trips did you participate in? \_\_\_\_\_

On a typical trip, how many people were involved (yourself included)? \_\_\_\_\_

What is the average amount of time you spent using a cast net or seine during each trip? \_\_\_\_\_ (round to the nearest half or whole hour)

What point of access did you typically use? (choose only one)

- Water access at residence                       beach/bank/shore  
 Public boat ramp (WRC or municipal facility): Ramp name \_\_\_\_\_  
 Marina/ramp: Ramp name \_\_\_\_\_  
 Access at public pier: Pier name \_\_\_\_\_

If you used a cast net(s) during these trips, what size(s) did you use? (feet)  
 (Circle all that apply)

- 5    6    7    8    9    10    11    12    N/A

If you used a seine during these trips, what is the average length seine you used? \_\_\_\_\_ (feet)

North Carolina county most often fished using a cast net and/or seine: \_\_\_\_\_

Waterbody most often accessed using a cast net and/or seine: \_\_\_\_\_  
 (please refer to the waterbody list on the previous page.)

**Catch Information- (Including bait fish)**

If you used a **saltwater castnet and/or seine RECREATIONALLY** during Period of Interest (Bi-Monthly) in North Carolina waters please complete the table below based on those experiences. Do not include any species caught by commercial or hook and line activity. **You should only include species caught in your castnet/seine.**

Species	Total number used as BAIT	Total number kept for eating	Total number DISCARDED* (not used for bait or eating)	
			Alive	Dead

Thank you for your time.

Please return your completed survey in the envelope provided or mail to:  
 Andrew Cathey c/o NCDMF, 943 Washington Square Mall, Washington NC 27889

**North Carolina Division of Marine Fisheries Recreational Flounder Gigging Survey**

If your name or mailing address (to the left) is incorrect, please fill in the correct information below.

«AddressBlock»  
Survey PIN: «customerid»

Name	
Address	
City	
State	Zip

**General Survey Information**

If you purchased a Lifetime License from the Wildlife Resource Commission (WRC) **prior to January 1, 2007** do you saltwater fish?  
 Yes       No       This question does not apply to me.

How would you *prefer* to receive future communications from the Division of Marine Fisheries?  
(choose only one)

Postal mail       Internet       No preference

Email address: \_\_\_\_\_

Do you recreationally harvest crabs?       Yes       No

Do you recreationally harvest clams, oysters, or scallops?       Yes       No

Do you recreationally use a cast net or seine?       Yes       No

**Gigging Participation Information**

Check here if you did **not** participate in flounder gigging during Period of Interest (Bi-Monthly).

If you do not flounder gig and will **not gig in the future**, please check the reason why.

Never gigged       Other (please explain):  
\_\_\_\_\_

**Please verify your address is correct and return the survey with the envelope provided.**

We appreciate your participation.

**Comments**

We appreciate your time in helping us learn more about the catch and efforts of our flounder gigging community. Please feel free to write any questions, comments, or suggestions below.

**If you have gigging activity (Period of Interest (Bi-Monthly)) to report, please turn page over.**

**Trip Information**

Please answer the following questions only for **gigging** trips you took Period of Interest (Bi-Monthly),

How many trips did you participate in? \_\_\_\_\_

On a typical trip, how many people went gigging (yourself included)? \_\_\_\_\_

What is the average amount of time you spent gigging per trip? \_\_\_\_\_ (hours)

What point of access did you typically use? (choose only one)

- water access at residence       beach/bank/shore       private boat ramp
- public boat ramp (WRC or municipal facility) : Ramp name \_\_\_\_\_
- marina/ramp: Ramp name \_\_\_\_\_

What was your typical method of gigging? (choose only one)

- poling       walking/wading
- trolling motor       other \_\_\_\_\_

North Carolina county most often gigged for flounder: \_\_\_\_\_

Waterbody most often gigged for flounder: \_\_\_\_\_  
(Please refer to the waterbody list on the back of your cover letter.)

**Catch Information**

If you recreationally gigged during Period of Interest (Bi-Monthly) please record information from your below. Do not include commercial or hook and line activity. You should include information on any fish (including those other than flounder).

Species (list other species below)	Total number kept	Total pounds kept (optional)	Total number thrown back
flounder			

Information on catch and size limits can be found at:  
<http://portal.ncdenr.org/web/mf/recreational-fishing-size-and-bag-limits>

**Thank you for your time.**

Please return your completed survey in the envelope provided or mail to:  
Andrew Cathey % NCDMF 943 Washington Square Mall, Washington, NC 27889

## North Carolina Division of Marine Fisheries Recreational Crab and Shellfish Harvesting Survey

«AddressBlock»  
Survey PIN: «customerid»

Please fill in the box below if your information has changed.

Name	
Address	
City	
State	Zip

**This is a new survey for the time period from Period of Interest (Bi-Monthly).**

If selected, how would you *prefer* to complete future surveys? (Choose only one)

- Postal mail                       Internet                       No preference

Email address:

\_\_\_\_\_

In addition to your Coastal Recreational Fishing License (CRFL), what other licenses do you have? (Check all that apply).

- Recreational Commercial Gear License (RCGL)
- Standard Commercial Fishing License (SCFL)
- Retired Standard Commercial Fishing License (RSCFL)
- Shellfish License (a license that allows any North Carolina resident to harvest commercial amounts of shellfish without purchasing a SCFL)

- Check here if you did not attempt to harvest any crabs, oysters, and clams in North Carolina during Period of Interest (Bi-Monthly). Please verify your address is correct and return the survey with the envelope provided.**

If you attempted to harvest crabs and/or shellfish in North Carolina during **Period of Interest (Bi-Monthly)** please answer the following questions based on those experiences.

### **Comments**

We appreciate your time in helping us learn more about the catch and efforts of our recreational crab and shellfish harvesting community. Please feel free to write any questions, comments, or suggestions below.

Please return your completed survey in the envelope provided or mail to:  
Andrew Cathey % DMF 943 Washington Square Mall, Washington, NC 27889



## Recreational Crab and Shellfish Harvesting Survey

<b>BLUE CRABS</b>	I did not go <b>crabbing</b> from Period of Interest (Bi-Monthly) <input style="float: right;" type="checkbox"/>	
<b>Trip Information</b>	<b>Catch Information for BLUE CRABS</b>	
What is the average amount of time you spent <u>crabbing</u> per trip? (hours) _____	<b>Total number kept</b>	<b>Total number thrown back</b>
On a typical trip, how many people went <u>crabbing</u> ? (yourself included) _____	What gears did you use for <u>crabbing</u> ? (Choose all that apply)	
Total number of <u>crabbing</u> trips made during this time period. _____	<input type="checkbox"/> Handline/Chicken necking <input type="checkbox"/> Gig <input type="checkbox"/> Hook & line <input type="checkbox"/> Collapsible trap <input type="checkbox"/> Pot <input type="checkbox"/> Other (please list): _____	
	What point of access did you typically use for <u>crabbing</u> ? (Choose only one) <input type="radio"/> beach/bank/shore <input type="radio"/> public boat ramp (WRC or municipal facility): Ramp name _____ <input type="radio"/> private boat ramp <input type="radio"/> water access at residence <input type="radio"/> marina/ramp: Ramp name _____	
North Carolina county most often fished for <u>crabs</u> : _____		
Waterbody most often fished for <u>crabs</u> : _____		
<i>(REFER TO WATERBODY LIST ON THE BACK OF YOUR COVER LETTER)</i>		

<b>CLAMS</b>	I did not go <b>clamming</b> from Period of Interest (Bi-Monthly) <input style="float: right;" type="checkbox"/>	
<b>Trip Information</b>	<b>Catch Information for CLAMS</b>	
What is the average amount of time you spent <u>clamming</u> per trip? (hours) _____	<b>Total number kept</b>	<b>Total number thrown back</b>
On a typical trip, how many people went <u>clamming</u> ? (yourself included) _____	What gears did you use for <u>clamming</u> ? (Choose all that apply)	
Total number of <u>clamming</u> trips made during this time period. _____	<input type="checkbox"/> Hand <input type="checkbox"/> Rake <input type="checkbox"/> Tongs <input type="checkbox"/> Other (please list): _____	
	What point of access did you typically use for <u>clamming</u> ? (Choose only one) <input type="radio"/> beach/bank/shore <input type="radio"/> public boat ramp (WRC or municipal facility): Ramp name _____ <input type="radio"/> private boat ramp <input type="radio"/> water access at residence <input type="radio"/> marina/ramp: Ramp name _____	
North Carolina county most often fished for <u>clams</u> : _____		
Waterbody most often fished for <u>clams</u> : _____		
<i>(REFER TO WATERBODY LIST ON THE BACK OF YOUR COVER LETTER)</i>		

## Recreational Crab and Shellfish Harvesting Survey, Continued

<b>OYSTERS</b>	I did not go <b>oystering</b> from Period of Interest (Bi-Monthly) <span style="float: right; border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></span>
<b>Trip Information</b>	<b>Catch Information for OYSTERS</b>
What is the average amount of time you spent <u>oystering</u> per trip? (hours) _____	<b>Total number of whole or half bushels kept (a 5 gallon bucket = about ½ bushel)</b>
On a typical trip, how many people went <u>oystering</u> ? (yourself included) _____	What gears did you use for <u>oystering</u> ? (Choose all that apply)
Total number of <u>oystering</u> trips made during this time period. _____	<input type="checkbox"/> Hand <input type="checkbox"/> Rake <input type="checkbox"/> Tongs <input type="checkbox"/> Other (please list): _____
What point of access did you typically use for <u>oystering</u> ? (Choose only one) <input type="radio"/> beach/bank/shore <input type="radio"/> public boat ramp (WRC or municipal facility): Ramp name _____ <input type="radio"/> private boat ramp <input type="radio"/> water access at residence <input type="radio"/> marina/ramp: Ramp name _____	
North Carolina county most often fished for <u>oysters</u> : _____	
Waterbody most often fished for <u>oysters</u> : _____	
<i>(REFER TO WATERBODY LIST ON THE BACK OF YOUR COVER LETTER)</i>	

This concludes the Recreational Crab and Shellfish Harvesting Survey.  
Thank you for your time.

## Chapter VI: FISHERIES ECONOMICS SECTION

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## PROGRAM NARRATIVE

North Carolina's marine fishery resources are economically and socially important to many of the state's residents, visitors, and coastal communities. These resources support commercial and recreational fisheries that provide an important source of employment, income, recreation, and food. This chapter contains information showing the economic importance of coastal commercial and recreational fisheries in North Carolina. This is not meant to be comprehensive of all economic data on state fisheries, but rather a summary of data available for some of the most economically important coastal fishery resources in the state.

Since 1999, the North Carolina Division of Marine Fisheries (NCDMF) has regularly initiated studies in response to the need for economic and social information on North Carolina's fisheries. These studies have included a series of economic and social analyses of the state's recreational fisheries for both marine and anadromous species as well as commercial fisheries occurring in the Atlantic Ocean, Albemarle Sound, Pamlico Sound, Core Sound, and the southern region of the state from Beaufort Inlet to the South Carolina state line. Results from the most recent versions of these studies are used in the socioeconomic sections of state fishery management plans as well as NCDMF's economic impact model for coastal commercial and recreational fishing. The economic impacts presented include output impacts, income impacts, and job impact. Output impacts represent the total economic output of industry production and business sales while income impacts reflect wages, salaries, and self-employment income. Output impacts and income impacts should not be added, as this would result in double counting. Job estimates represent both full-time and part-time employment positions. All economic impacts represent those that took place in the state economy of North Carolina.

The NCDMF Fisheries Economics Program sources data from the NCDMF Trip Ticket Program, NCDMF Coastal Angling Program, the National Marine Fisheries Service (NMFS), as well as survey responses collected from North Carolina recreational and commercial fishing participants and seafood dealers. Data for the tables on commercial fishing are derived from information provided by the NCDMF Trip Ticket Program while data for the tables on recreational fishing are derived from information provided by the NCDMF Coastal Angling Program which includes data from the NMFS Marine Recreational Information Program (MRIP). For questions regarding the economic data presented, please contact the NCDMF Fisheries Economics Program Manager, License and Statistics Section, Division of Marine Fisheries at (252) 808-8107 or via e-mail at [Stephanie.McInerny@ncdenr.gov](mailto:Stephanie.McInerny@ncdenr.gov).

## **THE COMMERCIAL FISHING ECONOMIC IMPACT MODEL**

The economic impact estimates presented represent those of commercial seafood harvesters, dealers, wholesalers, and retailers and are calculated via the NCDMF commercial fishing economic impact model as updated September 2015. These estimates are a product of IMPLAN economic impact modeling software customized with data from NCDMF and economic multipliers originating from the NMFS Commercial Fishing and Seafood Industry Input/Output Model (NOAA 2011). Commercial landings data from the NCDMF Trip Ticket Program are used as the primary input as well as data from North Carolina commercial fishermen and seafood dealers collected during surveys that have been carried out by the NCDMF Fisheries Economics Program (Crosson 2007, 2009, 2010a; Hadley and Crosson 2010; Hadley and Wiegand 2014). Economic impact estimates for the commercial harvesting and seafood dealer sectors are derived from NCDMF data while estimates for seafood wholesalers and retailers originate from multipliers found within the NMFS model.

## **THE COASTAL RECREATIONAL FISHING ECONOMIC IMPACT MODEL**

The economic activity associated with the North Carolina coastal recreational fishing industry is calculated via the NCDMF coastal recreational fishing economic impact model as updated September 2015. The economic impact estimates presented for coastal recreational fishing represent the economic activity generated by both trip expenditures and durable goods expenditures. These estimates are a product of economic data originating from the NMFS coastal recreational fishing economic impact estimates for durable goods expenditures and IMPLAN economic impact modeling software input with data from NCDMF for trip expenditures (Gentner and Steinback 2008; Lovell and Steinback 2013). To calculate recreational fishing trip expenditures, the NCDMF coastal recreational fishing economic impact model uses effort data by area and by mode (shore, for-hire, private/rental vessel, and man-made) that are derived from the NMFS MRIP. These data are combined with angler trip expenditure data collected from North Carolina recreational anglers during surveys that have been carried out by the NCDMF Fisheries Economics Program and North Carolina Sea Grant to provide estimated total coastal recreational fishing trip expenditures (Dumas et al. 2009; Crosson 2010b; Hadley 2012). Economic activity estimates for recreational fishing trip expenditures are derived from NCDMF data while estimates for recreational fishing durable goods expenditures originate from the NMFS model.

## THE CENTRAL SOUTHERN MANAGEMENT AREA RECREATIONAL FISHING ECONOMIC IMPACT MODEL

The NCDMF has been surveying recreational anglers in several of the major coastal river basins of the central and southern portions of eastern North Carolina since 2004, with a focus on gathering catch, effort, demographic, and economic information from anglers targeting anadromous species such as striped bass, American shad, and hickory shad. This region, encompassing the Pamlico/Tar river basin, Neuse River, and Cape Fear River, is referred to as the Central Southern Management Area (CSMA) by NCDMF. The CSMA creel survey was originally designed to gather data on the recreational striped bass fisheries occurring in the region; however, American shad and hickory shad were included in the survey estimates beginning in 2012. In 2013, the Cape Fear River was added to the list of coastal river systems for this survey.

To estimate the economic impacts of fishing activity occurring in these coastal river basins, IMPLAN software is used and input with total estimated angler trip expenditures that are calculated based on data collected from anglers in each river basin respectively during the 2014 CSMA Creel Survey. These expenditures are grouped into categories for food, ice, bait, boat fuel and oil, and vehicle fuel. To obtain total estimated expenditures, trip expenditures for angling parties are broken down into overall mean expenses per angler hour. To do so, mean trip expenditures are divided by the mean angler hours for each trip. The average expenditure per angler hour is then multiplied by the total estimated angler hours in each river system to provide the estimated total expense per expenditure category. This can be expressed as:

$$TE = (F, I, Ba, Bf, Vf) * Th$$

Where TE is the estimated total expenditures, *F* is the average food expenditure, *I* is the average ice expenditure, *Ba* is the average bait expenditure, *Bf* is the average expenditure on fuel and oil for a boat, *Vf* is the average expenditure on fuel for a vehicle, and *Th* is the total number of angler hours. Once total expenditures are estimated, they are input into IMPLAN software under the appropriate sector to provide the estimated economic impacts generated by the recreational fishing activity examined.

## LITERATURE CITED

- Crosson, S. 2007. *A Social and Economic Analysis of Commercial Fisheries in North Carolina: Core Sound, NC*. Department of Environment and Natural Resources, Division of Marine Fisheries.
- Crosson, S. 2009. *A Social and Economic Analysis of Commercial Fisheries in North Carolina: Atlantic Ocean*. Department of Environment and Natural Resources, Division of Marine Fisheries.
- Crosson, S. 2010a. *A Social and Economic Analysis of Commercial Fisheries in North Carolina: Beaufort Inlet to the South Carolina State Line*. Department of Environment and Natural Resources, Division of Marine Fisheries.
- Crosson, S. 2010b. *A Social and Economic Survey of Recreational Saltwater Anglers in North Carolina*. Department of Environment and Natural Resources, Division of Marine Fisheries.
- Dumas, C., J. Whitehead, C. Landry, and J. Herstine. 2009. *Economic Impacts and Recreational Value of the North Carolina For-Hire Fishing Fleet*. North Carolina Sea Grant Fishery Resource Grant Report 07-FEG-05.
- Gentner, B. and S. Steinback. 2008. *The Economic Contribution of Marine Angler Expenditures in the United States, 2006*. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service. NOAA Technical Memorandum NMFS-F/SPO-94.
- Hadley, J. 2012. *A Social and Economic Profile of Ocean Fishing Piers in North Carolina*. Department of Environment and Natural Resources, Division of Marine Fisheries.
- Hadley, J. and S. Crosson. 2010. *A Business and Economic Profile of Seafood Dealers in North Carolina*. Department of Environment and Natural Resources, Division of Marine Fisheries.
- Hadley, J. and C. Wiegand. 2014. *A Social and Economic Analysis of Commercial Fisheries in North Carolina: Albemarle and Pamlico Sounds, NC*. Department of Environment and Natural Resources, Division of Marine Fisheries.
- Lovell, S., S. Steinback, and J. Hilger. 2013. *The Economic Contribution of Marine Angler Expenditures in the United States, 2011*. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service. NOAA Technical Memorandum NMFS-F/SPO-134.
- IMPLAN Group, LLC. 2013. IMPLAN System, Version 3.1.1001.2. Huntersville, NC. [www.implan.com](http://www.implan.com).
- NOAA. 2011. *A User's Guide to the National and Coastal State I/O Model*. 2011. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service.



**Table 137. Top five commercial species ranked by ex-vessel value of landings<sup>1</sup>.**

2015		2014		2013	
Rank	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value
1	Blue Crabs \$33,987,384	Blue Crab \$32,300,941	Blue Crabs \$30,006,447	Blue Crabs \$30,006,447	Blue Crabs \$30,006,447
2	Brown Shrimp \$10,459,293	Brown Shrimp \$9,051,640	White Shrimp \$6,344,881	White Shrimp \$6,344,881	White Shrimp \$6,344,881
3	Summer Flounder \$9,092,527	Summer Flounder \$7,448,744	Brown Shrimp \$6,021,373	Brown Shrimp \$6,021,373	Brown Shrimp \$6,021,373
4	White Shrimp \$6,228,725	Southern Flounder \$4,298,815	Southern Flounder \$5,673,190	Southern Flounder \$5,673,190	Southern Flounder \$5,673,190
5	Hard Clams \$5,038,973	Tunas \$4,225,337	Oysters \$3,353,126	Oysters \$3,353,126	Oysters \$3,353,126

2012		2011		2010	
Rank	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value
1	Blue Crabs \$32,806,938	Blue Crabs \$21,282,264	Blue Crabs \$26,543,791	Blue Crabs \$26,543,791	Blue Crabs \$26,543,791
2	Brown Shrimp \$7,721,355	Brown Shrimp \$8,683,030	Brown Shrimp \$7,291,146	Brown Shrimp \$7,291,146	Brown Shrimp \$7,291,146
3	Southern Flounder \$4,451,482	Summer Flounder \$6,136,614	Summer Flounder \$7,212,191	Summer Flounder \$7,212,191	Summer Flounder \$7,212,191
4	Tunas \$4,413,829	Oysters \$4,486,741	Oysters \$5,045,127	Oysters \$5,045,127	Oysters \$5,045,127
5	White Shrimp \$3,913,604	Atlantic Croaker \$3,164,034	Southern Flounder \$3,695,889	Southern Flounder \$3,695,889	Southern Flounder \$3,695,889

<sup>1</sup>Ex-vessel value is the estimated dollar value of commercial harvest during the original transfer of a seafood product from the harvester to the dealer.

**Table 138. Top five commercial non-fish species ranked by ex-vessel value of landings.**

2015		2014		2013	
Rank	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value
1	Blue Crabs \$33,987,384	Blue Crabs \$32,300,941	Blue Crabs \$30,006,447	Blue Crabs \$30,006,447	Blue Crabs \$30,006,447
2	Brown Shrimp \$10,459,293	Brown Shrimp \$9,051,640	White Shrimp \$6,344,881	White Shrimp \$6,344,881	White Shrimp \$6,344,881
3	White Shrimp \$6,228,725	Oysters \$4,001,679	Brown Shrimp \$6,021,373	Brown Shrimp \$6,021,373	Brown Shrimp \$6,021,373
4	Hard Clams \$5,038,973	White Shrimp \$3,115,839	Oysters \$3,353,126	Oysters \$3,353,126	Oysters \$3,353,126
5	Oysters \$3,898,358	Hard Clams \$2,883,740	Hard Clams \$2,295,366	Hard Clams \$2,295,366	Hard Clams \$2,295,366

2012		2011		2010	
Rank	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value	Species Ex-Vessel Value
1	Blue Crabs \$32,806,938	Blue Crabs \$21,282,264	Blue Crabs \$26,543,791	Blue Crabs \$26,543,791	Blue Crabs \$26,543,791
2	Brown Shrimp \$7,721,355	Brown Shrimp \$8,683,030	Brown Shrimp \$7,291,146	Brown Shrimp \$7,291,146	Brown Shrimp \$7,291,146
3	White Shrimp \$3,913,604	Oysters \$4,486,741	Oysters \$5,045,127	Oysters \$5,045,127	Oysters \$5,045,127
4	Oysters \$2,572,073	Hard Clams \$1,896,627	White Shrimp \$3,252,515	White Shrimp \$3,252,515	White Shrimp \$3,252,515
5	Hard Clams \$2,091,067	White Shrimp \$1,887,019	Hard Clams \$2,581,033	Hard Clams \$2,581,033	Hard Clams \$2,581,033

**Table 139. Top five commercial finfish species ranked by ex-vessel value of landings.**

	2015		2014		2013	
Rank	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Summer Flounder	\$9,092,527	Summer Flounder	\$7,448,744	Southern Flounder	\$5,673,190
2	Southern Flounder	\$3,823,704	Southern Flounder	\$4,298,815	Tunas	\$3,226,483
3	Tunas	\$2,916,315	Tunas	\$4,225,337	Swordfish	\$2,935,940
4	Croaker, Atlantic	\$1,646,374	Swordfish	\$1,897,857	Atlantic Croaker	\$1,723,578
5	Sea Basses	\$1,366,822	Croaker, Atlantic	\$1,813,374	Striped Mullet	\$1,402,914

	2012		2011		2010	
Rank	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Southern Flounder	\$4,451,482	Summer Flounder	\$6,136,614	Summer Flounder	\$7,212,191
2	Tunas	\$4,413,829	Atlantic Croaker	\$3,164,034	Southern Flounder	\$3,695,889
3	Swordfish	\$3,009,107	Southern Flounder	\$2,753,128	Atlantic Croaker	\$3,409,671
4	Summer Flounder	\$2,969,370	Swordfish	\$2,617,201	Swordfish	\$1,897,151
5	Atlantic Croaker	\$2,135,458	Tunas	\$2,464,617	Groupers	\$1,730,542

**Table 140. Top five commercial gears ranked by ex-vessel value of landings.**

	2015		2014		2013	
Rank	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value
1	Crab Pot	\$30,472,105	Crab Pot	\$29,347,503	Crab Pot	\$28,075,766
2	Shrimp Trawl	\$16,162,681	Shrimp Trawl	\$12,165,714	Shrimp Trawl	\$12,001,423
3	Flounder Trawl	\$10,047,329	Anchored Gill Net	\$9,618,596	Anchored Gill Net	\$10,335,408
4	Anchored Gill Net	\$8,069,663	Flounder Trawl	\$8,202,858	Longline	\$6,414,836
5	Longline	\$4,715,705	Longline	\$6,928,470	Rod-n-Reel	\$3,135,676

	2012		2011		2010	
Rank	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value
1	Crab Pot	\$21,550,133	Crab Pot	\$19,162,907	Crab Pot	\$24,633,067
2	Shrimp Trawl	\$12,525,239	Shrimp Trawl	\$10,726,044	Shrimp Trawl	\$10,253,114
3	Anchored Gill Net	\$9,650,871	Anchored Gill Net	\$10,193,960	Anchored Gill Net	\$9,963,316
4	Longline	\$7,600,518	Flounder Trawl	\$6,611,863	Flounder Trawl	\$7,660,133
5	Rod-n-Reel	\$3,741,886	Longline	\$5,429,925	Longline	\$4,102,994

**Table 141. Top five North Carolina counties ranked by ex-vessel value of commercial landings.**

	2015		2014		2013	
Rank	County	Ex-Vessel Value	County	Ex-Vessel Value	County	Ex-Vessel Value
1	Dare	\$21,037,470	Dare	\$26,088,715	Dare	\$21,313,733
2	Carteret	\$18,305,112	Carteret	\$13,938,678	Carteret	\$11,662,032
3	Hyde	\$10,980,164	Hyde	\$9,416,866	Hyde	\$7,376,176
4	Pamlico	\$8,410,135	Camden	\$5,980,368	Camden	\$5,870,240
5	Onslow	\$6,109,868	Pamlico	\$5,904,801	Tyrrell	\$4,724,874

	2012		2011		2010	
Rank	County	Ex-Vessel Value	County	Ex-Vessel Value	County	Ex-Vessel Value
1	Dare	\$21,073,959	Dare	\$22,467,575	Dare	\$22,016,862
2	Carteret	\$11,227,318	Hyde	\$9,429,900	Hyde	\$10,594,119
3	Hyde	\$7,978,893	Carteret	\$8,272,173	Carteret	\$9,239,870
4	Pamlico	\$4,620,865	Pamlico	\$6,477,985	Pamlico	\$8,425,328
5	Onslow	\$4,603,522	Beaufort	\$4,152,482	Beaufort	\$4,644,701

**Table 142. Top five North Carolina ports ranked by ex-vessel value of commercial landings.**

	2015		2014		2013	
Rank	Port	Ex-Vessel Value	Port	Ex-Vessel Value	Port	Ex-Vessel Value
1	Morehead City/Beaufort	\$14,136,885	Wanchese	\$17,012,862	Wanchese	\$13,391,915
2	Wanchese	\$13,246,482	Morehead City/Beaufort	\$10,721,739	Morehead City/Beaufort	\$7,397,033
3	Engelhard	\$6,703,170	Engelhard	\$6,750,471	Shiloh	\$5,870,240
4	Shiloh	\$5,190,237	Shiloh	\$6,079,732	Columbia	\$4,724,874
5	Columbia	\$4,934,243	Columbia	\$4,727,104	Engelhard	\$4,500,382

	2012		2011		2010	
Rank	Port	Ex-Vessel Value	Port	Ex-Vessel Value	Port	Ex-Vessel Value
1	Wanchese	\$14,869,179	Wanchese	\$14,948,996	Wanchese	\$15,620,193
2	Morehead City/Beaufort	\$7,342,869	Engelhard	\$5,867,669	Engelhard	\$6,742,679
3	Engelhard	\$4,742,988	Morehead City/Beaufort	\$4,661,920	Morehead City/Beaufort	\$5,365,854
4	Shiloh	\$4,330,807	Hatteras Island	\$4,494,692	Oriental	\$3,668,151
5	Hatteras Island	\$3,475,577	Shiloh	\$3,131,750	Columbia	\$3,317,681

**Table 143. Number of commercial fishing participants by range of ex-vessel value of seafood landed.**

Range of Ex-Vessel Value	2015		2014	
	Participants	Total Value	Participants	Total Value
\$1-\$499	528	\$113,709	601	\$122,308
\$500-\$999	276	\$200,028	242	\$174,569
\$1,000-\$4,999	704	\$1,788,461	732	\$1,859,947
\$5,000-\$9,999	327	\$2,381,611	350	\$2,546,717
\$10,000-\$24,999	460	\$7,600,402	439	\$7,204,648
\$25,000-\$49,999	313	\$11,090,451	308	\$10,993,824
\$50,000-\$99,999	259	\$18,128,093	240	\$17,372,494
\$100,000-\$249,999	214	\$32,009,822	204	\$30,555,993
\$250,000-\$499,999	41	\$13,037,493	46	\$15,469,825
Over \$500,000	12	\$7,934,036	11	\$7,804,722
Total	3,134	\$94,284,106	3,173	\$94,105,047

Range of Ex-Vessel Value	2013		2012	
	Participants	Total Value	Participants	Total Value
\$1-\$499	604	\$122,887	668	\$135,115
\$500-\$999	266	\$192,033	244	\$180,866
\$1,000-\$4,999	710	\$1,846,643	760	\$1,927,886
\$5,000-\$9,999	364	\$2,621,587	370	\$2,673,233
\$10,000-\$24,999	437	\$7,172,504	430	\$6,995,773
\$25,000-\$49,999	337	\$11,884,579	293	\$10,533,739
\$50,000-\$99,999	229	\$16,370,632	220	\$15,222,080
\$100,000-\$249,999	167	\$25,477,887	149	\$21,644,765
\$250,000-\$499,999	35	\$10,975,611	31	\$9,770,831
Over \$500,000	3	\$2,440,694	5	\$3,486,833
Total	3,152	\$79,105,058	3,170	\$72,571,121

Range of Ex-Vessel Value	2011		2010	
	Participants	Total Value	Participants	Total Value
\$1-\$499	716	\$145,068	856	\$168,504
\$500-\$999	261	\$189,378	309	\$226,453
\$1,000-\$4,999	761	\$1,955,335	768	\$1,971,190
\$5,000-\$9,999	344	\$2,419,812	396	\$2,770,780
\$10,000-\$24,999	465	\$7,448,287	475	\$7,700,530
\$25,000-\$49,999	290	\$10,215,594	323	\$11,515,885
\$50,000-\$99,999	238	\$17,033,731	281	\$20,352,999
\$100,000-\$249,999	140	\$20,797,366	160	\$23,083,298
\$250,000-\$499,999	26	\$9,078,159	25	\$8,490,881
Over \$500,000	3	\$1,901,352	5	\$3,584,743
Total	3,244	\$71,184,083	3,598	\$79,865,263

**Table 143. Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).**

Range of Ex-Vessel Value	2009		2008	
	Participants	Total Value	Participants	Total Value
\$1-\$499	895	\$168,775	882	\$165,305
\$500-\$999	343	\$250,123	316	\$228,299
\$1,000-\$4,999	857	\$2,213,163	834	\$2,126,723
\$5,000-\$9,999	414	\$2,971,281	355	\$2,559,822
\$10,000-\$24,999	524	\$8,463,394	495	\$7,901,804
\$25,000-\$49,999	308	\$10,859,226	321	\$11,462,791
\$50,000-\$99,999	224	\$15,970,585	240	\$17,103,148
\$100,000-\$249,999	162	\$23,425,169	187	\$29,339,544
\$250,000-\$499,999	23	\$7,430,468	26	\$8,841,946
Over \$500,000	7	\$5,444,176	9	\$7,080,472
Total	3,757	\$77,196,361	3,665	\$86,809,853

Range of Ex-Vessel Value	2007		2006	
	Participants	Total Value	Participants	Total Value
\$1-\$499	866	\$168,001	777	\$154,178
\$500-\$999	311	\$223,218	329	\$235,511
\$1,000-\$4,999	912	\$2,246,162	883	\$2,218,733
\$5,000-\$9,999	381	\$2,723,620	402	\$2,848,562
\$10,000-\$24,999	509	\$8,097,562	542	\$8,997,453
\$25,000-\$49,999	337	\$11,856,001	329	\$11,733,085
\$50,000-\$99,999	225	\$16,014,647	196	\$13,688,786
\$100,000-\$249,999	158	\$23,632,673	113	\$16,218,480
\$250,000-\$499,999	36	\$12,257,611	29	\$9,332,685
Over \$500,000	7	\$5,065,131	7	\$4,658,049
Total	3,742	\$82,284,625	3,607	\$70,085,519

Range of Ex-Vessel Value	2005		2004	
	Participants	Total Value	Participants	Total Value
\$1-\$499	844	\$177,473	919	\$176,687
\$500-\$999	361	\$265,659	353	\$255,791
\$1,000-\$4,999	977	\$2,519,274	1,004	\$2,575,185
\$5,000-\$9,999	453	\$3,257,749	468	\$3,301,378
\$10,000-\$24,999	583	\$9,523,663	708	\$11,496,057
\$25,000-\$49,999	348	\$12,084,281	424	\$14,840,589
\$50,000-\$99,999	215	\$14,809,719	253	\$17,008,833
\$100,000-\$249,999	93	\$13,421,323	106	\$15,818,767
\$250,000-\$499,999	16	\$4,993,553	20	\$6,526,428
Over \$500,000	5	\$3,836,941	7	\$7,705,359
Total	3,895	\$64,889,635	4,262	\$79,705,074

**Table 143. Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).**

Range of Ex-Vessel Value	2003		2002	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,021	\$189,284	1,121	\$211,613
\$500-\$999	369	\$264,132	387	\$279,267
\$1,000-\$4,999	922	\$2,334,153	1,045	\$2,644,370
\$5,000-\$9,999	456	\$3,319,208	483	\$3,458,955
\$10,000-\$24,999	677	\$11,112,276	689	\$10,918,511
\$25,000-\$49,999	412	\$14,764,643	444	\$15,953,833
\$50,000-\$99,999	327	\$22,330,859	338	\$23,561,411
\$100,000-\$249,999	154	\$22,757,594	160	\$23,278,020
\$250,000-\$499,999	12	\$3,928,698	22	\$6,837,287
Over \$500,000	5	\$6,111,985	5	\$7,604,274
Total	4,355	\$87,112,832	4,694	\$94,747,541

Range of Ex-Vessel Value	2001		2000	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,242	\$234,705	1,156	\$219,488
\$500-\$999	444	\$322,809	419	\$301,087
\$1,000-\$4,999	1,140	\$2,903,186	1,055	\$2,697,402
\$5,000-\$9,999	559	\$4,081,069	523	\$3,781,294
\$10,000-\$24,999	726	\$11,801,269	726	\$11,971,815
\$25,000-\$49,999	508	\$17,971,177	571	\$20,071,837
\$50,000-\$99,999	312	\$21,704,646	357	\$24,705,032
\$100,000-\$249,999	133	\$18,705,764	189	\$26,971,373
\$250,000-\$499,999	12	\$3,958,968	29	\$9,203,909
Over \$500,000	5	\$6,459,596	8	\$8,391,575
Total	5,081	\$88,143,189	5,033	\$108,314,811

Range of Ex-Vessel Value	1999		1998	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,193	\$221,957	1,042	\$205,653
\$500-\$999	412	\$302,438	405	\$289,624
\$1,000-\$4,999	1,035	\$2,582,818	993	\$2,562,963
\$5,000-\$9,999	481	\$3,478,269	490	\$3,569,211
\$10,000-\$24,999	749	\$12,375,469	738	\$12,368,272
\$25,000-\$49,999	523	\$18,535,309	524	\$18,980,608
\$50,000-\$99,999	289	\$19,815,410	347	\$23,763,125
\$100,000-\$249,999	133	\$18,427,867	138	\$18,962,975
\$250,000-\$499,999	16	\$5,306,893	8	\$2,672,040
Over \$500,000	4	\$18,634,619	3	\$17,644,065
Total	4,835	\$99,681,050	4,688	\$101,018,537

**Table 143. Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).**

Range of Ex-Vessel Value	1997		1996	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,208	\$225,438	1,208	\$227,528
\$500-\$999	414	\$299,703	407	\$296,571
\$1,000-\$4,999	1,115	\$2,876,900	1,143	\$2,874,043
\$5,000-\$9,999	548	\$3,997,239	590	\$4,338,035
\$10,000-\$24,999	856	\$14,128,405	829	\$13,735,035
\$25,000-\$49,999	576	\$20,603,700	564	\$19,815,084
\$50,000-\$99,999	305	\$20,720,739	335	\$23,189,377
\$100,000-\$249,999	118	\$16,741,568	116	\$16,547,993
\$250,000-\$499,999	14	\$4,418,969	10	\$2,975,607
Over \$500,000	6	\$24,975,456	5	\$21,534,449
Total	5,160	\$108,988,117	5,207	\$105,533,723

Range of Ex-Vessel Value	1995		1994	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,258	\$246,059	1,346	\$254,460
\$500-\$999	440	\$326,268	445	\$323,517
\$1,000-\$4,999	1,259	\$3,252,153	1,322	\$3,341,972
\$5,000-\$9,999	624	\$4,619,347	635	\$4,608,620
\$10,000-\$24,999	877	\$14,378,136	784	\$12,684,774
\$25,000-\$49,999	542	\$19,472,761	443	\$15,273,293
\$50,000-\$99,999	337	\$23,271,914	244	\$16,998,346
\$100,000-\$249,999	133	\$18,905,126	75	\$10,354,865
\$250,000-\$499,999	17	\$5,803,214	16	\$4,776,628
Over \$500,000	7	\$19,092,996	7	\$22,659,407
Total	5,494	\$109,367,976	5,317	\$91,275,881

**Table 144. Number of commercial seafood dealers by range of ex-vessel value of seafood.**

Range of Ex-Vessel Value	2015		2014	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	53	\$11,122	65	\$11,755
\$500-\$999	45	\$32,574	45	\$32,562
\$1,000-\$4,999	114	\$291,922	124	\$324,035
\$5,000-\$9,999	69	\$491,191	68	\$506,790
\$10,000-\$24,999	101	\$1,632,380	94	\$1,528,639
\$25,000-\$49,999	64	\$2,164,150	60	\$2,221,633
\$50,000-\$99,999	47	\$3,108,034	40	\$2,928,800
\$100,000-\$249,999	49	\$7,928,952	39	\$6,252,198
\$250,000-\$499,999	21	\$7,322,770	29	\$10,000,889
\$500,000-\$999,999	24	\$16,543,625	18	\$13,022,394
Over \$1,000,000	23	\$54,757,386	24	\$57,275,352
Total	610	\$94,284,106	606	\$94,105,047

Range of Ex-Vessel Value	2013		2012	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	62	\$12,864	65	\$16,186
\$500-\$999	42	\$31,582	50	\$36,539
\$1,000-\$4,999	140	\$377,346	135	\$339,651
\$5,000-\$9,999	68	\$496,835	86	\$624,914
\$10,000-\$24,999	103	\$1,693,114	108	\$1,777,895
\$25,000-\$49,999	56	\$2,041,493	46	\$1,579,102
\$50,000-\$99,999	26	\$1,893,809	35	\$2,625,885
\$100,000-\$249,999	53	\$9,120,025	44	\$7,597,981
\$250,000-\$499,999	24	\$8,596,265	25	\$9,222,944
\$500,000-\$999,999	18	\$12,687,902	18	\$12,885,919
Over \$1,000,000	20	\$42,153,822	17	\$35,864,103
Total	612	\$79,105,058	629	\$72,571,121



**Table 144. Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).**

Range of Ex-Vessel Value	2011		2010	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	84	\$20,508	83	\$18,058
\$500-\$999	36	\$27,660	41	\$30,342
\$1,000-\$4,999	154	\$386,944	141	\$366,850
\$5,000-\$9,999	79	\$577,880	84	\$627,673
\$10,000-\$24,999	104	\$1,703,113	106	\$1,707,961
\$25,000-\$49,999	49	\$1,633,923	55	\$1,961,110
\$50,000-\$99,999	36	\$2,561,811	44	\$3,037,290
\$100,000-\$249,999	36	\$5,530,747	36	\$5,487,227
\$250,000-\$499,999	25	\$8,958,407	31	\$11,133,381
\$500,000-\$999,999	21	\$14,533,739	25	\$17,348,526
Over \$1,000,000	18	\$35,249,352	17	\$38,146,846
Total	642	\$71,184,083	663	\$79,865,263

Range of Ex-Vessel Value	2009		2008	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	82	\$18,276	67	\$14,614
\$500-\$999	51	\$36,691	39	\$29,073
\$1,000-\$4,999	168	\$411,392	144	\$383,604
\$5,000-\$9,999	84	\$628,715	61	\$432,423
\$10,000-\$24,999	95	\$1,505,021	98	\$1,589,930
\$25,000-\$49,999	50	\$1,738,346	44	\$1,590,093
\$50,000-\$99,999	37	\$2,660,747	36	\$2,561,874
\$100,000-\$249,999	46	\$7,864,287	45	\$7,203,906
\$250,000-\$499,999	34	\$12,404,270	29	\$10,495,107
\$500,000-\$999,999	16	\$10,667,815	26	\$18,524,021
Over \$1,000,000	20	\$39,260,799	20	\$43,985,210
Total	683	\$77,196,361	609	\$86,809,853

**Table 144. Number of commercial seafood dealers by range of ex-vessel value of seafood  
(continued).**

Range of Ex-Vessel Value	2007		2006	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	63	\$14,338	54	\$11,992
\$500-\$999	48	\$34,759	46	\$34,228
\$1,000-\$4,999	123	\$309,363	126	\$334,759
\$5,000-\$9,999	68	\$492,135	60	\$409,937
\$10,000-\$24,999	95	\$1,560,621	107	\$1,769,481
\$25,000-\$49,999	52	\$1,868,337	65	\$2,352,655
\$50,000-\$99,999	42	\$2,862,363	42	\$2,984,513
\$100,000-\$249,999	42	\$6,830,961	33	\$5,489,872
\$250,000-\$499,999	30	\$10,937,363	36	\$12,365,838
\$500,000-\$999,999	24	\$15,421,290	20	\$13,191,047
Over \$1,000,000	19	\$41,953,095	14	\$31,141,197
Total	606	\$82,284,625	603	\$70,085,519

Range of Ex-Vessel Value	2005		2004	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	74	\$17,215	83	\$18,051
\$500-\$999	47	\$34,752	36	\$26,008
\$1,000-\$4,999	136	\$342,364	160	\$426,929
\$5,000-\$9,999	77	\$568,141	76	\$554,507
\$10,000-\$24,999	90	\$1,466,395	115	\$1,866,119
\$25,000-\$49,999	55	\$1,871,711	57	\$1,983,520
\$50,000-\$99,999	51	\$3,459,148	44	\$2,989,955
\$100,000-\$249,999	40	\$6,904,705	51	\$8,780,407
\$250,000-\$499,999	36	\$12,136,773	41	\$14,335,665
\$500,000-\$999,999	23	\$16,345,621	23	\$16,025,280
Over \$1,000,000	11	\$21,742,811	15	\$32,698,633
Total	640	\$64,889,635	701	\$79,705,074

**Table 144. Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).**

Range of Ex-Vessel Value	2003		2002	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	74	\$15,760	81	\$16,810
\$500-\$999	37	\$27,208	49	\$36,215
\$1,000-\$4,999	155	\$399,175	164	\$416,709
\$5,000-\$9,999	94	\$707,812	84	\$597,629
\$10,000-\$24,999	94	\$1,547,430	89	\$1,460,870
\$25,000-\$49,999	72	\$2,525,650	77	\$2,720,825
\$50,000-\$99,999	49	\$3,640,869	41	\$2,845,825
\$100,000-\$249,999	60	\$9,950,339	49	\$7,748,864
\$250,000-\$499,999	31	\$10,595,848	35	\$12,403,209
\$500,000-\$999,999	32	\$22,723,602	36	\$24,161,971
Over \$1,000,000	18	\$34,979,137	21	\$42,338,613
Total	716	\$87,112,832	726	\$94,747,541

Range of Ex-Vessel Value	2001		2000	
	Dealers	Value	Dealers	Value
\$1-\$499	86	\$18,277	71	\$17,377
\$500-\$999	48	\$36,258	52	\$38,983
\$1,000-\$4,999	143	\$326,253	130	\$332,049
\$5,000-\$9,999	82	\$601,736	86	\$616,049
\$10,000-\$24,999	85	\$1,466,458	87	\$1,385,585
\$25,000-\$49,999	72	\$2,502,610	61	\$2,190,950
\$50,000-\$99,999	42	\$2,898,177	50	\$3,430,948
\$100,000-\$249,999	56	\$9,218,425	66	\$11,105,969
\$250,000-\$499,999	44	\$15,013,526	28	\$10,073,021
\$500,000-\$999,999	28	\$20,176,085	38	\$26,037,241
Over \$1,000,000	20	\$35,885,384	28	\$53,086,638
Total	706	\$88,143,189	697	\$108,314,811

**Table 144. Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).**

Range of Ex-Vessel Value	1999		1998	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	94	\$21,477	93	\$18,281
\$500-\$999	43	\$31,480	47	\$35,556
\$1,000-\$4,999	151	\$394,619	154	\$401,895
\$5,000-\$9,999	91	\$667,243	64	\$461,241
\$10,000-\$24,999	85	\$1,442,144	95	\$1,620,619
\$25,000-\$49,999	71	\$2,570,883	61	\$2,191,822
\$50,000-\$99,999	54	\$3,899,416	59	\$4,154,979
\$100,000-\$249,999	62	\$9,849,972	56	\$9,064,737
\$250,000-\$499,999	48	\$17,356,410	48	\$17,512,995
\$500,000-\$999,999	39	\$27,072,058	34	\$24,710,336
Over \$1,000,000	22	\$36,375,347	26	\$40,846,077
Total	760	\$99,681,050	737	\$101,018,537

Range of Ex-Vessel Value	1997		1996	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	73	\$15,316	82	\$16,595
\$500-\$999	39	\$28,463	49	\$36,150
\$1,000-\$4,999	145	\$376,363	151	\$409,797
\$5,000-\$9,999	75	\$552,589	72	\$503,063
\$10,000-\$24,999	88	\$1,476,779	95	\$1,489,305
\$25,000-\$49,999	72	\$2,474,940	60	\$2,161,256
\$50,000-\$99,999	55	\$3,935,810	46	\$3,228,174
\$100,000-\$249,999	48	\$7,598,762	55	\$9,111,449
\$250,000-\$499,999	50	\$18,194,258	37	\$13,773,845
\$500,000-\$999,999	36	\$24,425,559	36	\$26,776,727
Over \$1,000,000	27	\$49,909,279	30	\$48,027,362
Total	708	\$108,988,117	713	\$105,533,723

**Table 144. Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).**

Range of Ex-Vessel Value	1995		1994	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	112	\$21,974	89	\$18,397
\$500-\$999	42	\$30,196	50	\$35,522
\$1,000-\$4,999	157	\$435,433	137	\$330,770
\$5,000-\$9,999	73	\$521,161	53	\$385,533
\$10,000-\$24,999	61	\$1,000,150	49	\$837,156
\$25,000-\$49,999	65	\$2,258,478	44	\$1,471,274
\$50,000-\$99,999	43	\$3,033,036	36	\$2,459,653
\$100,000-\$249,999	59	\$10,048,164	57	\$9,333,833
\$250,000-\$499,999	42	\$15,213,635	45	\$16,431,145
\$500,000-\$999,999	37	\$27,826,870	30	\$21,127,090
Over \$1,000,000	26	\$48,978,880	23	\$38,845,508
Total	717	\$109,367,976	613	\$91,275,881

**Table 145. Economic Impacts of commercial fishing in North Carolina.**

Year	Commercial Participants <sup>1</sup>	Pounds <sup>1</sup>	Ex-Vessel Value <sup>1</sup>	Economic Impacts		
				Jobs <sup>2,3</sup>	Income Impacts (thousands of dollars) <sup>3</sup>	Total Economic Impacts (thousands of dollars) <sup>3,4</sup>
2015	3,134	65,954,924	\$94,284,106	7,728	\$163,153	\$389,173
2014	3,173	61,965,232	\$94,105,047	7,360	\$147,190	\$351,513
2013	3,152	50,197,517	\$79,105,058	6,795	\$127,136	\$303,982
2012	3,170	56,690,935	\$72,571,121	6,405	\$116,154	\$281,369
2011	3,244	67,502,014	\$71,184,083	6,373	\$114,216	\$275,867
2010	3,598	72,001,861	\$79,865,263	7,094	\$127,316	\$307,322
2009	3,757	68,963,523	\$77,196,361	7,022	\$122,757	\$297,558
2008	3,665	71,200,227	\$86,809,853	7,597	\$140,417	\$338,662
2007	3,742	62,874,979	\$82,284,625	7,508	\$133,211	\$320,728

<sup>1</sup>As reported by the NCDMF Trip Ticket Program

<sup>2</sup>Represents both full-time and part-time jobs

<sup>3</sup>Economic impacts calculated using the NCDMF commercial fishing economic impact model and IMPLAN economic impact modeling software. Economic impact estimates are for the state economy of North Carolina

<sup>4</sup>Represents sales impacts

**Table 146. Top five species ranked by total directed recreational fishing trips.**

	2015		2014		2013	
Rank	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Flounders	808,287	Flounders	828,750	Flounders	927,524
2	Bluefish	740,232	Bluefish	784,399	Bluefish	756,161
3	Red Drum	627,292	Red Drum	737,236	Red Drum	726,572
4	Kingfish	588,896	Kingfish	625,075	Spotted Seatrout	666,891
5	Atlantic Croaker	538,294	Atlantic Croaker	564,453	Kingfishes	650,025

	2012		2011		2010	
Rank	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Flounders	860,693	Bluefish	773,313	Flounders	1,034,957
2	Red Drum	788,816	Flounders	741,729	Bluefish	883,681
3	Spotted Seatrout	746,152	Spot	458,920	Kingfishes	587,344
4	Bluefish	662,842	Spotted Seatrout	439,676	Red Drum	522,652
5	Kingfishes	591,896	Kingfishes	430,499	Spot	473,905

**Table 147. Top five species ranked by directed recreational fishing trips taking place in internal waters.**

	2015		2014		2013	
Rank	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Flounders	532,370	Flounders	445,551	Flounders	599,134
2	Atlantic Croaker	333,854	Spotted Seatrout	374,124	Spotted Seatrout	569,949
3	Spotted Seatrout	310,805	Red Drum	355,217	Red Drum	459,088
4	Red Drum	303,829	Atlantic Croaker	287,578	Atlantic Croaker	256,091
5	Pigfish	224,955	Pigfish	154,173	Bluefish	177,198

	2012		2011		2010	
Rank	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Spotted Seatrout	592,555	Flounders	490,368	Flounders	568,959
2	Flounders	551,489	Spotted Seatrout	352,811	Spotted Seatrout	336,488
3	Red Drum	455,970	Atlantic Croaker	220,427	Red Drum	301,896
4	Atlantic Croaker	221,443	Bluefish	199,511	Atlantic Croaker	258,134
5	Bluefish	173,195	Red Drum	197,166	Bluefish	201,171

**Table 148. Top five species ranked by directed recreational fishing trips taking place in ocean waters 0-3 miles from shore.**

	2015		2014		2013	
Rank	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Bluefish	542,841	Bluefish	632,555	Bluefish	567,877
2	Kingfish	469,223	Kingfish	498,689	Kingfish	541,841
3	Red Drum	320,880	Spot	403,122	Spot	448,330
4	Flounders	262,315	Red Drum	377,256	Flounders	317,362
5	Spot	255,708	Flounders	373,254	Red Drum	266,118

	2012		2011		2010	
Rank	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Kingfish	490,379	Bluefish	561,755	Bluefish	668,521
2	Bluefish	471,626	Kingfish	359,064	Kingfish	489,441
3	Red Drum	331,996	Spot	306,460	Flounders	454,595
4	Flounders	297,890	Flounders	240,438	Spot	347,169
5	Spot	287,895	Spanish Mackerel	210,369	Spanish Mackerel	259,596

**Table 149. Top five species ranked by directed recreational fishing trips taking place in ocean waters greater than 3 miles from shore.**

	2015		2014		2013	
Rank	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Dolphin	108,623	Dolphin	57,725	Dolphin	85,704
2	Black Sea Bass	55,051	Black Sea Bass	44,895	King Mackerel	56,319
3	Tunas	43,999	Tunas	33,953	Black Sea Bass	52,200
4	King Mackerel	41,415	King Mackerel	23,403	Tunas	47,684
5	Wahoo	38,108	Wahoo	20,097	Spanish Mackerel	23,259

	2012		2011		2010	
Rank	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Dolphin	88,211	Dolphin	88,899	Dolphin	121,138
2	Black Sea Bass	62,290	Tunas	52,466	Tunas	60,513
3	Tunas	58,842	Black Sea Bass	45,118	King Mackerel	57,472
4	King Mackerel	41,065	King Mackerel	30,868	Black Sea Bass	41,946
5	Spanish Mackerel	27,522	Spanish Mackerel	24,567	Spanish Mackerel	30,314

**Table 150. Top five North Carolina counties ranked by the number residents holding a Coastal Recreational Fishing License.**

	2015		2014		2013	
Rank	County	License Holders	County	License Holders	County	License Holders
1	Wake	23,568	Wake	24,094	Wake	23,465
2	Onslow	18,356	Onslow	18,661	Onslow	17,401
3	New Hanover	15,904	New Hanover	16,407	New Hanover	16,646
4	Brunswick	10,779	Brunswick	11,268	Brunswick	11,649
5	Carteret	10,426	Carteret	10,995	Carteret	11,567

	2012		2011		2010	
Rank	County	License Holders	County	License Holders	County	License Holders
1	Wake	22,123	Wake	21,650	Wake	22,148
2	New Hanover	16,682	New Hanover	16,046	New Hanover	16,432
3	Onslow	16,576	Onslow	14,682	Onslow	15,615
4	Carteret	11,381	Carteret	10,883	Carteret	11,658
5	Brunswick	11,040	Brunswick	10,702	Brunswick	11,025

**Table 151. Economic impacts of coastal recreational fishing in North Carolina.**

Year	Recreational Participants <sup>1</sup>	Estimated Expenditures (thousands of dollars) <sup>2</sup>	Economic Impacts		
			Jobs <sup>3,4</sup>	Income Impacts (thousands of dollars) <sup>4</sup>	Output Impacts (thousands of dollars) <sup>4</sup>
2015	1,547,964	\$1,754,483	16,624	\$664,672	\$1,658,302
2014	1,655,544	\$1,525,307	16,050	\$592,779	\$1,732,482
2013	1,404,600	\$1,531,847	16,356	\$600,664	\$1,741,763
2012	1,661,474	\$1,810,385	18,304	\$692,901	\$1,870,460
2011	1,499,041	\$1,505,438	16,398	\$602,563	\$1,911,811
2010	1,914,029	\$1,343,080	14,948	\$540,245	\$1,711,079
2009	1,680,781	\$1,195,326	13,699	\$487,256	\$1,543,353
2008	1,969,675	\$1,556,843	18,029	\$631,103	\$2,016,206
2007	1,908,162	\$1,575,233	18,248	\$640,208	\$1,798,433

<sup>1</sup>Participant estimates as reported by the NMFS MRIP

<sup>2</sup>Estimated expenditures includes both durable good expenditures and fishing trip expenditures.

<sup>3</sup>Includes full time and part time jobs

<sup>4</sup>Economic impacts calculated using the NCDMF coastal recreational fishing economic impact model and IMPLAN economic impact modeling software. Economic impact estimates are for the state economy of North Carolina.



**Table 152. Economic impacts of recreational fishing in coastal river systems of the Central Southern Management Area (CSMA) in North Carolina, 2014.**

2015			Economic Impacts		
River System	Estimated Angler Hours <sup>1</sup>	Estimated Expenditures (thousands of dollars) <sup>2</sup>	Jobs <sup>3,4</sup>	Income Impacts (thousands of dollars) <sup>4</sup>	Output Impacts (thousands of dollars) <sup>4</sup>
Neuse River	252,140	\$1,004	6	\$259	\$592
Tar/Pamlico Rivers	184,333	\$1,056	11	\$450	\$1,018
Cape Fear River	55,463	\$275	3	\$105	\$249
<b>Total</b>	<b>491,936</b>	<b>\$2,335</b>	<b>20</b>	<b>\$814</b>	<b>\$1,859</b>

2014			Economic Impacts		
River System	Estimated Angler Hours <sup>1</sup>	Estimated Expenditures (thousands of dollars) <sup>2</sup>	Jobs <sup>3,4</sup>	Income Impacts (thousands of dollars) <sup>4</sup>	Output Impacts (thousands of dollars) <sup>4</sup>
Neuse River	215,956	\$1,398	13	\$522	\$1,183
Tar/Pamlico Rivers	136,083	\$956	8	\$325	\$742
Cape Fear River	28,852	\$148	2	\$69	\$156
<b>Total</b>	<b>380,892</b>	<b>\$2,502</b>	<b>23</b>	<b>\$916</b>	<b>\$2,082</b>

<sup>1</sup>Effort estimates as reported by the NCDMF Coastal Angling Program. Neuse and Tar/Pamlico River estimates include a full 12 months of effort, while effort estimates on the Cape Fear River are only available for March through May.

<sup>2</sup>Estimated fishing trip expenditures

<sup>3</sup>Includes full time and part time jobs

<sup>4</sup>Economic impacts calculated using the NCDMF CSMA recreational fishing economic impact model and IMPLAN economic impact modeling software. Economic impact estimates are for the state economy of North Carolina.

