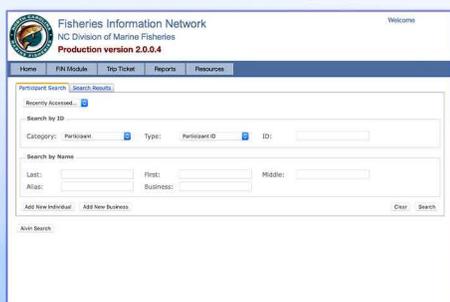


# RECREATIONAL STATISTICS



# FISHERY ECONOMICS



# COMMERCIAL STATISTICS



# LICENSE SALES

# 2020

# Annual Report

November 2020



**NORTH CAROLINA  
DIVISION OF MARINE FISHERIES**  
*License and Statistics Section*

# 2020 LICENSE AND STATISTICS ANNUAL REPORT



Prepared By:

North Carolina Division of Marine Fisheries

License and Statistics Section

November 2020



## ACKNOWLEDGEMENTS

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\*Employee no longer works for NCDMF

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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 three 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 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, recreational license sale receipts, and federal grant monies.

### **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 formats most often requested and to illustrate the types of information collected through the various programs within the License and Statistics Section of the NCDMF. Separate and distinct summary reports for each program are released on an annual basis.

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 policies and 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 summarize these data.

More detailed statistics are available upon request by contacting:

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P.O. Box 769

Morehead City, NC 28557

(252) 726-7021 or (800) 682-2632

E-mail [Brandi.Salmon@ncdenr.gov](mailto:Brandi.Salmon@ncdenr.gov)

Contacts for specific data related to commercial, recreational, or economics information can be found in each chapter of this document.

**Data are also available on the NCDMF website at <http://www.ncmarinefisheries.net>.**

## Chapter I: LICENSE AND PERMIT 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 20,000 commercial licenses, recreational licenses, and issuable permits annually. This number does not include the thousands of North Carolina Wildlife Resources Commission (WRC) products sold at NCDMF offices each year including Coastal Recreational Fishing Licenses and state vessel registrations. Most 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 Elizabeth City, Manteo, Washington, and Wilmington. 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; however, in times of need, license sales are covered by staff from other License and Statistics programs as well as 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 molluscan shellfish and menhaden captured by purse seine. To harvest shellfish, fishermen must obtain a shellfish endorsement to the SCFL. The Shellfish Endorsement includes the harvest of scallops, clams, conchs, whelks, 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 purse seines with one or more runner boats and a 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 the 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 cannot be assigned to another person but 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 an eligibility 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 is defined as scallops, clams, conchs, whelks, oysters, and mussels. This license is only available to North Carolina 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.

### **Land or Sell License**

This license is available to an owner or master of a vessel not home ported in North Carolina 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 catch.

### **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 fish dealer).

A Fish Dealer License is required for each location. If the dealer sells to the public from a different location than 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 initially 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.

*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.*

### **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.

### **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.

### **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 offshore. 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 NC WRC 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.

### **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 anglers do not have to purchase their 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 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 discontinued in April 2019*)
- Atlantic Ocean Flounder Dealer Permit
- Atlantic Ocean American Shad Dealer Permit (*this permit was discontinued in June 2004*)
- 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 allows 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**

This permit was required to operate a for-hire fishing vessel in coastal waters.

*This permit was discontinued in June 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.

*This permit was discontinued in April 2019.*

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

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

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

This permit was required for fishermen to participate in the large mesh gill net fishery within defined Pamlico Sound Gill Net Restricted Areas. The permit was needed as a condition of the incidental take permit issued by NOAA Fisheries specific to areas of Pamlico Sound to allow a fall gill net fishery. A condition of the permit was to allow onboard fisheries observers to collect data from gill net fisheries in the PSGNRA.

*This 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 or for military appreciation events, educational purposes, or 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 North Carolina 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 issued by

NOAA Fisheries. 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.

## CONTACTS

For custom data requests or more information on the NCDMF License Program, please contact:

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INFOGRAPHIC

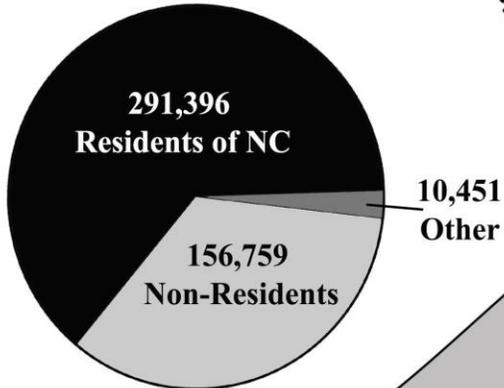
# License and Permit Statistics

FY2020  
**6,506**  
CFVRs sold

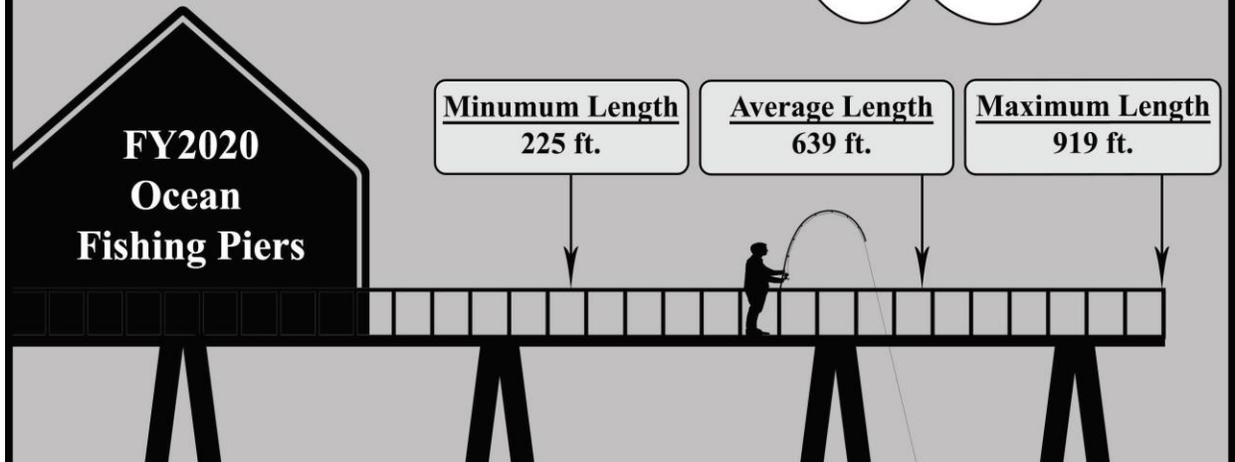
Most CFVRs sold were for vessels between 19 and 38 feet.

# of CRFLs Sold in 2019

**5,831**  
SCFLs and RSCFLs sold in FY2020



The largest number of CRFLs were sold to anglers 46 to 55 years of age.



## **Licenses and Permits Issued**

NOTE: Data were derived from the NCDMF Fisheries Information Network (FIN) database and the WRC Alvin System. Most licenses and permits issued by NCDMF are valid for one fiscal year. A fiscal year runs from July to June. For example: FY2019 = July 1, 2018 – June 30, 2019. Calendar year (Jan 1 – Dec 31) is presented if not noted as fiscal year. More detailed information can be located in other statistical reports provided on the division's website or through a custom data request.

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

Fiscal Year	Number of Licenses	Number of Permits	Total Number Issued <sup>1</sup>
2020	16,796	3,161	19,957
2019	16,987	3,283	20,270
2018	18,184	3,517	21,701
2017	18,933	3,525	22,458
2016	20,061	3,831	23,892
2015	21,658	3,568	25,226
2014	22,194	1,365	23,559
2013	23,289	1,472	24,761
2012	23,859	1,594	25,453
2011	24,715	1,720	26,435
2010	24,927	1,645	26,572
2009	25,430	832	26,262
2008	24,645	813	25,458
2007	24,668	1,578	26,246
2006	24,192	1,497	25,689
2005	24,801	1,488	26,289
2004	25,568	1,508	27,076
2003	25,936	771	26,707
2002	26,739	840	27,579
2001	26,498	538	27,036
2000	27,305	-	27,305

<sup>1</sup> Counts include all licenses issued by the DMF License Program except Coastal Recreational Fishing Licenses (CRFL) bought through the WRC Alvin System.

**Table I.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	Ocean Pier	Spotter Plane	Menhaden for NonResidents <sup>2</sup>	Total
2020	4,426	1,403	571	6,506	134	672	26	157	20	0	-	13,915
2019	4,545	1,371	584	6,635	140	683	26	157	19	0	-	14,160
2018	4,824	1,340	775	7,016	131	664	25	156	19	0	-	14,951
2017	4,968	1,328	988	7,270	109	694	20	156	20	0	-	15,553
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

<sup>2</sup>The Menhaden license was discontinued in 2013.

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

Fiscal Year	Total Number of SCFLs	Number of SCFLs with Shellfish Endorsement	Number of SCFLs with Menhaden Endorsement <sup>2</sup>	Total Number of SCFL Assignments
2020	4,426	4,061	-	512
2019	4,545	4,169	-	535
2018	4,824	4,441	-	689
2017	4,968	4,565	-	697
2016	5,142	4,708	-	783
2015	5,402	4,948	-	804
2014	5,494	5,045	-	798
2013	5,535	5,072	-	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

<sup>2</sup>The Menhaden endorsement was discontinued in 2013.

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

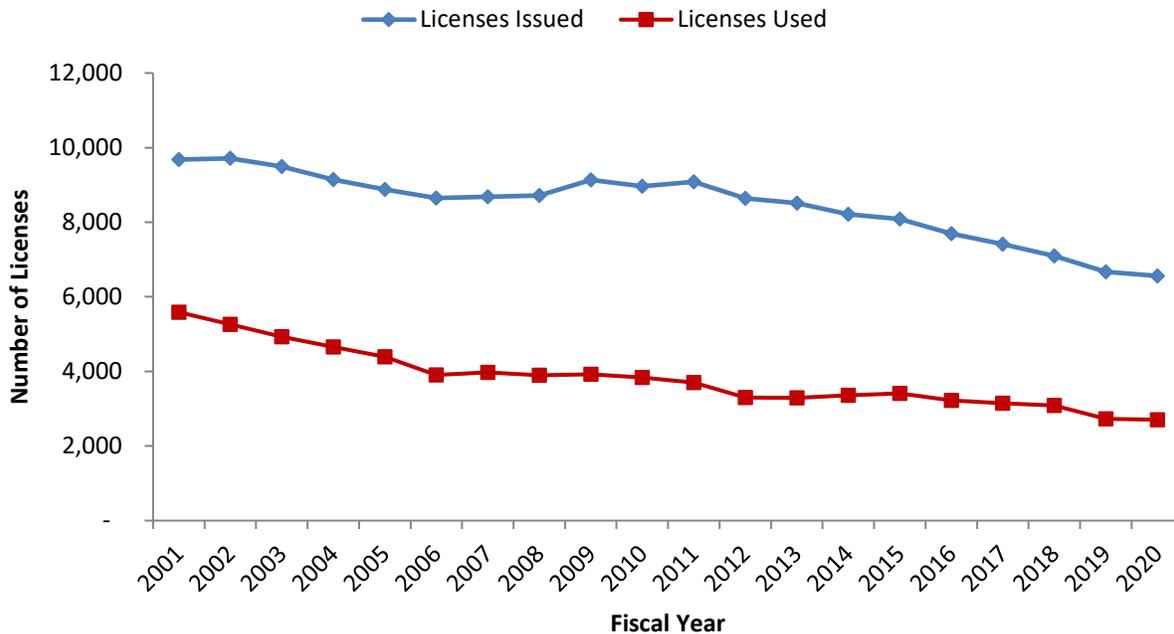
Fiscal Year	Total Number of RSCFLs	Number of RSCFLs with Shellfish Endorsement	Number of RSCFLs with Menhaden Endorsement <sup>2</sup>
2020	1,403	1,353	-
2019	1,371	1,323	-
2018	1,340	1,301	-
2017	1,328	1,292	-
2016	1,323	1,283	-
2015	1,230	1,192	-
2014	1,191	1,166	-
2013	1,159	1,131	-
2012	1,121	1,120	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

<sup>2</sup>The Menhaden endorsement was discontinued in 2013.

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

Year	Licenses Issued <sup>3</sup>	FISCAL YEAR	CALENDAR YEAR	
		Licenses Used	Participants (FY)	Participants (CY)
2020	6,561	2,705	2,391	1,746
2019	6,667	2,783	2,509	2,535
2018	7,095	3,086	2,827	2,651
2017	7,413	3,144	2,922	2,945
2016	7,695	3,222	3,022	2,974
2015	8,085	3,410	3,202	3,136
2014	8,212	3,356	3,130	3,174
2013	8,515	3,292	3,058	3,151
2012	8,641	3,297	3,098	3,169
2011	9,082	3,700	3,471	3,244
2010	8,960	3,837	3,633	3,598
2009	9,131	3,924	3,696	3,756
2008	8,713	3,895	3,650	3,665
2007	8,683	3,977	3,717	3,742
2006	8,645	3,903	3,642	3,607
2005	8,875	4,389	4,091	3,894
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	5,587	5,174	5,081

<sup>3</sup> Licenses with selling privileges include SCFL, RSCFL, Shellfish, Land or Sell, Tournament, and Menhaden for Non-Residents.

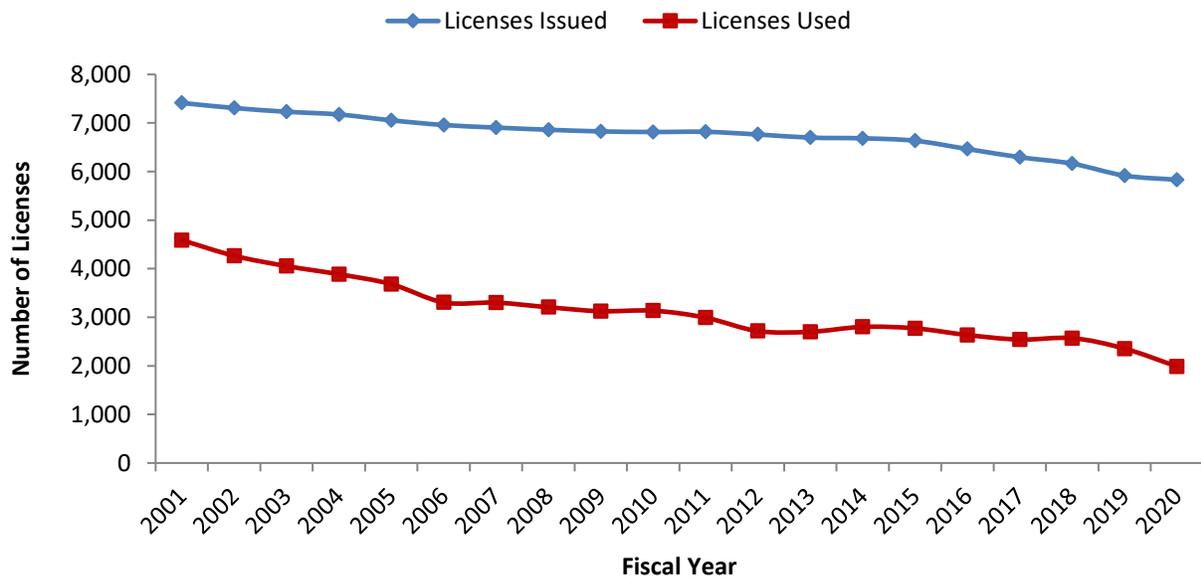


**Figure I.1 Total number of licenses with selling privileges issued and used by fiscal year.**

**Table I.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)
2020	5,831	1,988	1,897	N/A <sup>4</sup>
2019	5,917	2,355	2,223	2,214
2018	6,164	2,571	2,416	2,287
2017	6,296	2,541	2,396	2,453
2016	6,465	2,635	2,492	2,417
2015	6,635	2,773	2,635	2,558
2014	6,685	2,803	2,646	2,619
2013	6,699	2,701	2,538	2,632
2012	6,764	2,716	2,566	2,593
2011	6,819	2,993	2,819	2,621
2010	6,815	3,136	2,981	2,887
2009	6,827	3,125	2,954	3,001
2008	6,861	3,207	3,013	2,965
2007	6,906	3,302	3,102	3,044
2006	6,959	3,306	3,102	3,012
2005	7,055	3,682	3,447	3,289
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	4,273	4,069

<sup>4</sup> Data by calendar year are not available for this report.



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

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

Fiscal Year	Number of Licenses Available <sup>5</sup>	MFC Approved License Numbers <sup>6</sup>
2020	3,064	500
2019	2,973	500
2018	2,723	500
2017	2,592	1,500
2016	2,417	100
2015	1,238	1,238
2014	1,257	1,257
2013	1,368	1,368
2012	1,354	1,354
2011	1,375	1,375
2010	1,420	1,420
2009	1,559	1,559
2008	1,557	1,557
2007	1,596	1,596
2006	1,536	1,536
2005	1,423	1,423
2004	1,421	1,421
2003	1,458	1,458
2002	1,423	1,423
2001	1,314	1,314

SCFL/RSCFL yearly cap = 8,896

<sup>5</sup> Calculation change in 2016

<sup>6</sup> The Marine Fisheries Commission (MFC) voted to limit the number of licenses in the Eligibility Pool beginning in FY2016.

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

Fiscal Year	0–18 ft.	19–38 ft.	39–50 ft.	>50 ft.	Total
2020	2,643	3,374	217	272	6,506
2019	2,764	3,392	224	255	6,635
2018	2,985	3,561	225	245	7,016
2017	3,122	3,676	231	241	7,270
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

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

Fiscal Year	SCFL	RSCFL	CFVR	Flounder	Total
2020	217	69	29	29	344
2019	291	65	36	40	432
2018	369	91	72	44	576
2017	378	101	47	22	548
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

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

Fiscal Year	Number of Licenses	Minimum Length (ft)	Maximum Length (ft)	Average Length (ft)
2020	20	225	919	639
2019	19	225	919	631
2018	19	245	919	645
2017	20	245	919	657
2016	20	245	919	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

**Table I.11 Number of Fish Dealer Licenses issued by fiscal year and number of Fish Dealer License categories.**

Fiscal Year	Number of Licenses	Category <sup>7</sup>							
		Finfish	Shrimp	Crab	Oyster	Scallop	Clam	Menhaden Dehydrate	Consolidated
2020	672	374	304	298	169	15	74	1	27
2019	683	384	315	295	156	11	73	1	27
2018	664	365	305	294	166	12	80	1	28
2017	694	390	313	341	160	18	89	0	29
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>7</sup> Summing categories will not equal number of licenses. A single license can have multiple categories listed.

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

Fiscal Year	Number of Licenses Issued
2020	2,046
2019	1,980
2018	2,445
2017	2,613
2016	2,965
2015	3,912
2014	4,591
2013	4,900
2012	5,078
2011	5,146
2010	5,383
2009	5,618
2008	5,503
2007	5,553
2006	5,804
2005	5,899
2004	6,119
2003	5,935
2002	6,540
2001	6,356

**Table I.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>8</sup>	Blue Crab Shedding	Estuarine Gill Net	TED Waiver <sup>11</sup>	Pamlico Sound Gillnet Restricted Area <sup>9</sup>	For-Hire Fishing <sup>10</sup>	Monkfish Gillnet	Atlantic Ocean Striped Bass Commercial Gear	Total
2020	66	18	24	4	17	-	220	2,458	-	-	-	4	344	3155
2019	68	18	24	5	18	-	234	2,523	0	-	-	5	371	3,266
2018	75	21	26	6	20	-	240	2,711	0	-	-	7	397	3,503
2017	77	22	26	8	21	-	264	2,672	0	-	-	7	415	3,512
2016	82	23	30	10	21	-	268	2,897	0	-	-	9	455	3,795
2015	85	26	33	15	26	-	268	2,674	0	4	-	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

<sup>8</sup> Ocean Shad fishery eliminated in 2005.

<sup>9</sup> The Pamlico Sound Gill Net Restricted Area permit was discontinued in September 2014.

<sup>10</sup> The For-Hire Fishing permit was discontinued in June 2014.

<sup>11</sup> The permit to waive requirement to use TEDs in the Atlantic Ocean was discontinued in April 2019.

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

Fiscal Year	Total	ASMA	Central	Southern	Ocean
2020	66	46	29	29	42
2019	68	49	36	36	38
2018	75	49	39	39	38
2017	77	50	39	39	40
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 I.15 Number of River Herring Discretionary Permits issued by fiscal year.**

Fiscal Year	Number of Permits	Number of Active Participants
2015 <sup>12</sup>	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

<sup>12</sup>This permit was discontinued in FY2015 after permits were issued.

**Table I.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
2014 <sup>14</sup>	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 <sup>13</sup>	750	358	12	2	451
2006	787	365	13	6	465
2005	757	349	13	5	446
2004	711	319	12	8	382

<sup>13</sup> The For-Hire Blanket CRFL for for-hire vessels changed the demand for the For-Hire Permit during fiscal year 2007. If a for-hire operator had the For-Hire Blanket CRFL, then no permit was needed. If the operator chose not to obtain a For-Hire Blanket CRFL, then a For-Hire Permit must have been obtained.

<sup>14</sup> The For-Hire Fishing Permit was discontinued on June 30, 2014 as part of the restructuring of the for-hire license system.

**Table I.17 Number of For-Hire Blanket CRFLs 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
2014 <sup>15</sup>	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>15</sup> The For-Hire Blanket CRFL was discontinued on June 30, 2014 as part of the restructuring of the for-hire license system.

**Table I.18 Number of Blanket For-Hire Vessel CRFLs 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
2020	597	204	20	1	218
2019	588	189	23	2	210
2018	566	178	21	3	188
2017	521	165	24	4	166
2016	484	166	20	3	166
2015	420	160	16	7	147

**Table I.19 Number of Non-Blanket For-Hire Vessel 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
2020	106	34	3	0	39
2019	121	43	2	0	50
2018	106	46	1	0	43
2017	124	43	0	0	45
2016	129	45	2	0	46
2015	113	44	2	1	45

**Table I.20 Number of Blanket For-Hire Captain's CRFLs 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
2020	131	71	6	1	118
2019	135	74	4	2	116
2018	115	69	2	1	106
2017	118	72	0	1	105
2016	118	70	2	0	105
2015	106	60	2	0	93

**Table I.21 Number of Commercial Fishing Vessel Registrations (CFVR) with For-Hire Endorsements by fiscal year.**

Fiscal Year	Total CFVR Issued	Number of For-Hire Endorsements
2020	6,506	235
2019	6,635	247
2018	7,016	223
2017	7,270	251
2016	7,775	264
2015	8,103	343
2014	8,284	29
2013	8,337	33
2012	8,575	41
2011	8,799	48
2010	8,916	44
2009	9,088	62

NOTE: The Blanket For-Hire Captain's CRFL was made available in FY2015 and requires a CFVR with For Hire Endorsement on the vessel being used in a for-hire operation. Before 2015, CFVRs were only issued for commercial use; however, the owner of the CFVR could optionally declare use of their vessel as a charter boat.

**Table I.22 Number of Blanket For-Hire Vessel CRFLs issued by fiscal year and passenger capacity.**

Fiscal Year	Six or Fewer Passengers	More than Six Passengers	Total
2020	568	30	598
2019	556	32	588
2018	534	32	566
2017	497	24	521
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 I.23 Number of Coastal Recreational Fishing License (CRFL) Exemption Permits issued by fiscal year.**

Fiscal Year	Applications	Approved	Denied
2020	6	6	0
2019	17	17	0
2018	20	20	0
2017	21	21	0
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 I.24 Number of Blocks of 10 Ten-Day Coastal Recreational Fishing Licenses issued by fiscal year.**

Fiscal Year	Number of Licenses Issued
2020	1
2019	3
2018	2
2017	5
2016	5
2015	4
2014	0
2013	2
2012	5
2011	5
2010	3
2009	1

**Table I.25 Distribution of North Carolina Coastal Recreational Fishing License (CRFL) sales by calendar year, type of license, and residency classification.**

Year	Type of License	Resident of NC	Nonresident	Military stationed in NC	Student at NC School	Year Total
2019	10 Day CRFL - Nonresident	236	134,061	70	3	134,370
	10 Day CRFL - Resident	42,297	56	2,275	96	44,724
	Annual CRFL - Nonresident	107	22,382	3	0	22,492
	Annual CRFL - Resident	109,586	29	4,880	94	114,589
	Annual Inland Fishing/CRFL - Subsistence Waiver	30,469	0	9	1	30,479
	Annual Unified Inland Fishing/CRFL	45,791	15	1,946	69	47,821
	Annual Unified Sportsman with CRFL	43,295	4	936	9	44,244
	Lifetime CRFL - Adult NC Resident	364	0	1	0	365
	Lifetime CRFL - Adult Nonresident	0	10	0	0	10
	Lifetime CRFL - Disabled Veteran	882	0	12	0	894
	Lifetime CRFL - Infant	82	9	0	0	91
	Lifetime CRFL - Senior	4,656	1	1	0	4,658
	Lifetime CRFL - Totally Disabled	534	0	1	0	535
	Lifetime CRFL - Youth	88	3	0	0	91
	Lifetime Unified Inland Fishing/CRFL	659	0	2	1	662
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	207	0	0	0	207
	Lifetime Unified Inland Fishing/CRFL - Blind	56	0	0	0	56
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	0	22	0	0	22
	Lifetime Unified Sportsman with CRFL - Adult Resident	1,395	2	4	1	1,402
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	1,035	1	36	0	1,072
	Lifetime Unified Sportsman with CRFL - Infant	5,489	142	1	0	5,632
	Lifetime Unified Sportsman with CRFL - Senior	3,219	1	0	0	3,220
	Lifetime Unified Sportsman with CRFL - Totally Disabled	336	0	0	0	336
	Lifetime Unified Sportsman with CRFL - Youth	613	21	0	0	634
	<b>Year Total</b>	<b>291,396</b>	<b>156,759</b>	<b>10,177</b>	<b>274</b>	<b>458,606</b>

**Table I.25 Distribution of North Carolina Coastal Recreational Fishing License (CRFL) sales by calendar year, type of license, and residency classification (continued).**

Year	Type of License	Resident of NC	Nonresident	Military stationed in NC	Student at NC School	Year Total
2018	10 Day CRFL - Nonresident	241	129,739	38	4	130,022
	10 Day CRFL - Resident	37,987	28	1,958	78	40,051
	Annual CRFL - Nonresident	76	21,125	7	2	21,210
	Annual CRFL - Resident	98,712	24	4,684	82	103,502
	Annual Inland Fishing/CRFL - Subsistence Waiver	29,977	2	5	3	29,987
	Annual Unified Inland Fishing/CRFL	38,459	7	1,708	58	40,232
	Annual Unified Sportsman with CRFL	40,793	12	885	13	41,703
	Lifetime CRFL - Adult NC Resident	286	0	0	0	286
	Lifetime CRFL - Adult Nonresident	0	15	1	0	16
	Lifetime CRFL - Disabled Veteran	733	1	22	0	756
	Lifetime CRFL - Infant	67	11	0	0	78
	Lifetime CRFL - Senior	5,726	4	2	0	5,732
	Lifetime CRFL - Totally Disabled	439	0	0	0	439
	Lifetime CRFL - Youth	88	7	0	0	95
	Lifetime Unified Inland Fishing/CRFL	572	0	1	1	574
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	238	1	0	0	239
	Lifetime Unified Inland Fishing/CRFL - Blind	53	0	0	0	53
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	-	13	0	0	13
	Lifetime Unified Sportsman with CRFL - Adult Resident	1,197	5	7	1	1,210
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	941	0	46	0	987
	Lifetime Unified Sportsman with CRFL - Infant	4,991	151	3	0	5,145
	Lifetime Unified Sportsman with CRFL - Senior	5,717	1	1	0	5,719
	Lifetime Unified Sportsman with CRFL - Totally Disabled	333	0	0	0	333
	Lifetime Unified Sportsman with CRFL - Youth	529	19	0	0	548
	<b>Year Total</b>	<b>268,155</b>	<b>151,165</b>	<b>9,368</b>	<b>242</b>	<b>428,930</b>

**Table I.25 Distribution of North Carolina Coastal Recreational Fishing License (CRFL) sales by calendar year, type of license, and residency classification (continued).**

Year	Type of License	Resident of NC	Nonresident	Military stationed in NC	Student at NC School	Year Total
2017	10 Day CRFL - Nonresident	639	138,457	183	6	139,285
	10 Day CRFL - Resident	45,180	138	1,962	69	47,349
	Annual CRFL - Nonresident	462	21,525	43	4	22,034
	Annual CRFL - Resident	113,241	110	5,570	80	119,001
	Annual Inland Fishing/CRFL - Subsistence Waiver	33,957	3	9	3	33,972
	Annual Unified Inland Fishing/CRFL	38,526	36	1,360	47	39,969
	Annual Unified Sportsman with CRFL	42,165	27	916	7	43,115
	Lifetime CRFL - Adult NC Resident	298	0	2	0	300
	Lifetime CRFL - Adult Nonresident	0	18	0	0	18
	Lifetime CRFL - Disabled Veteran	773	1	15	0	789
	Lifetime CRFL - Infant	77	8	0	0	85
	Lifetime CRFL - Senior	7,130	14	3	1	7,148
	Lifetime CRFL - Totally Disabled	578	0	1	0	579
	Lifetime CRFL - Youth	104	6	0	0	110
	Lifetime Unified Inland Fishing/CRFL	457	1	1	0	459
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	235	0	0	0	235
	Lifetime Unified Inland Fishing/CRFL - Blind	77	0	0	0	77
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	0	17	0	0	17
	Lifetime Unified Sportsman with CRFL - Adult Resident	1,113	9	5	1	1,148
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	931	0	35	0	966
	Lifetime Unified Sportsman with CRFL - Infant	4,912	144	2	0	5,058
	Lifetime Unified Sportsman with CRFL - Senior	6,924	8	1	0	6,933
	Lifetime Unified Sportsman with CRFL - Totally Disabled	361	0	0	0	361
	Lifetime Unified Sportsman with CRFL - Youth	550	13	0	0	563
	<b>Year Total</b>	<b>298,710</b>	<b>160,535</b>	<b>10,108</b>	<b>218</b>	<b>469,571</b>

**Table I.25 Distribution of North Carolina Coastal Recreational Fishing License (CRFL) sales by calendar year, type of license, and residency classification (continued).**

Year	Type of License	Resident of NC	Nonresident	Military stationed in NC	Student at NC School	Year Total
2016	10 Day CRFL - Nonresident	1,011	137,141	265	10	138,427
	10 Day CRFL - Resident	44,842	175	1,894	62	46,973
	Annual CRFL - Nonresident	697	19,633	41	3	20,374
	Annual CRFL - Resident	114,251	266	5,825	74	120,416
	Annual Inland Fishing/CRFL - Subsistence Waiver	38,524	8	10	2	38,544
	Annual Unified Inland Fishing/CRFL	35,010	71	1,188	35	36,304
	Annual Unified Sportsman with CRFL	41,820	78	898	11	42,807
	Lifetime CRFL - Adult NC Resident	281	0	0	0	281
	Lifetime CRFL - Adult Nonresident	0	10	0	0	10
	Lifetime CRFL - Disabled Veteran	763	0	12	0	775
	Lifetime CRFL - Infant	74	7	0	0	81
	Lifetime CRFL – Senior	6,657	6	7	0	6,670
	Lifetime CRFL - Totally Disabled	598	0	0	0	598
	Lifetime CRFL - Youth	61	8	0	0	69
	Lifetime Unified Inland Fishing/CRFL	416	1	1	0	418
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	321	1	0	0	322
	Lifetime Unified Inland Fishing/CRFL - Blind	48	0	0	0	48
	Lifetime Unified Sportsman with CRFL - Adult Resident	1,094	8	2	0	1,104
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	0	14	1	0	15
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	813	6	13	1	833
	Lifetime Unified Sportsman with CRFL - Infant	4,666	127	2	0	4,795
	Lifetime Unified Sportsman with CRFL – Senior	6,907	5	0	0	6,912
	Lifetime Unified Sportsman with CRFL - Totally Disabled	381	1	1	0	383
	Lifetime Unified Sportsman with CRFL - Youth	529	16	0	0	545
	<b>Year Total</b>	<b>299,764</b>	<b>157,582</b>	<b>10,160</b>	<b>198</b>	<b>467,704</b>

**Table I.26 Distribution of North Carolina CRFL sales by calendar year and collapsed license group with group components.**

Year	Type of License/Collapsed	Type of License	Number	Percent of License Group
2019	10-Day License	10 Day CRFL - Nonresident	134,370	75.0
		10 Day CRFL - Resident	44,724	25.0
		Total	179,094	100.0
	Annual License	Annual CRFL - Nonresident	22,489	8.7
		Annual CRFL - Resident	114,592	44.1
		Annual Inland Fishing/CRFL - Subsistence Waiver	30,479	11.7
		Annual Unified Inland Fishing/CRFL	47,821	18.4
		Annual Unified Sportsman with CRFL	44,232	17.0
		Total	259,613	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	365	1.8
		Lifetime CRFL - Adult Nonresident	10	0.1
		Lifetime CRFL - Disabled Veteran	894	4.5
		Lifetime CRFL - Infant	91	0.5
		Lifetime CRFL - Senior	4,658	23.4
		Lifetime CRFL - Totally Disabled	535	2.7
		Lifetime CRFL - Youth	91	0.5
		Lifetime Unified Inland Fishing/CRFL	662	3.3
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	207	1
		Lifetime Unified Inland Fishing/CRFL - Blind	56	0.3
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	22	0.1
Lifetime Unified Sportsman with CRFL - Adult Resident		1,402	7	
Lifetime Unified Sportsman with CRFL - Disabled Veteran		1,072	5.4	
Lifetime Unified Sportsman with CRFL - Infant		5,632	28.3	
Lifetime Unified Sportsman with CRFL - Senior		3,231	16.2	
Lifetime Unified Sportsman with CRFL - Totally Disabled		336	1.7	
Lifetime Unified Sportsman with CRFL - Youth		634	3.2	
Total	19,898	100.0		

**Table I.26 Distribution of North Carolina CRFL sales by calendar year and collapsed license group with group components (*continued*).**

Year	Type of License/Collapsed	Type of License	Number	Percent of License Group
2018	10-Day License	10 Day CRFL - Nonresident	130,022	76.5
		10 Day CRFL - Resident	40,051	23.5
		Total	170,073	100.0
	Annual License	Annual CRFL - Nonresident	21,210	9.0
		Annual CRFL - Resident	103,502	43.7
		Annual Inland Fishing/CRFL - Subsistence Waiver	29,987	12.7
		Annual Unified Inland Fishing/CRFL	40,232	17.0
		Annual Unified Sportsman with CRFL	41,703	17.6
		Total	236,634	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	286	1.3
		Lifetime CRFL - Adult Nonresident	16	0.1
		Lifetime CRFL - Disabled Veteran	756	3.4
		Lifetime CRFL - Infant	78	0.4
		Lifetime CRFL - Senior	5,732	25.8
		Lifetime CRFL - Totally Disabled	439	2.0
		Lifetime CRFL - Youth	95	0.4
		Lifetime Senior Unified Sportsman with CRFL	5,719	25.7
		Lifetime Unified Inland Fishing/CRFL	574	2.6
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	239	1.1
		Lifetime Unified Inland Fishing/CRFL - Blind	53	0.2
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	13	0.1
		Lifetime Unified Sportsman with CRFL - Adult Resident	1,210	5.4
Lifetime Unified Sportsman with CRFL - Disabled Veteran		987	4.4	
Lifetime Unified Sportsman with CRFL - Infant		5,145	23.2	
Lifetime Unified Sportsman with CRFL - Senior		5,719	25.7	
Lifetime Unified Sportsman with CRFL - Totally Disabled		333	1.5	
Lifetime Unified Sportsman with CRFL - Youth	548	2.5		
Total	22,223	100.0		

**Table I.26 Distribution of North Carolina CRFL sales by calendar year and collapsed license group with group components (*continued*).**

Year	Type of License/Collapsed	Type of License	Number	Percent of License Group
2017	10-Day License	10 Day CRFL - Nonresident	139,285	74.6
		10 Day CRFL - Resident	47,349	25.4
		Total	186,634	100.0
	Annual License	Annual CRFL - Nonresident	22,034	8.5
		Annual CRFL - Resident	119,001	46.1
		Annual Inland Fishing/CRFL - Subsistence Waiver	33,972	13.2
		Annual Unified Inland Fishing/CRFL	39,969	15.5
		Annual Unified Sportsman with CRFL	43,115	16.7
		Total	258,091	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	300	1.2
		Lifetime CRFL - Adult Nonresident	18	0.1
		Lifetime CRFL - Disabled Veteran	789	3.2
		Lifetime CRFL - Infant	85	0.3
		Lifetime CRFL - Senior	7,148	28.8
		Lifetime CRFL - Totally Disabled	579	2.3
		Lifetime CRFL - Youth	110	0.4
		Lifetime Unified Inland Fishing/CRFL	459	1.8
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	235	0.9
		Lifetime Unified Inland Fishing/CRFL - Blind	77	0.3
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	17	0.1
		Lifetime Unified Sportsman with CRFL - Adult Resident	1,148	4.6
Lifetime Unified Sportsman with CRFL - Disabled Veteran		966	3.9	
Lifetime Unified Sportsman with CRFL - Infant		5,058	20.4	
Lifetime Unified Sportsman with CRFL - Senior		6,933	27.9	
Lifetime Unified Sportsman with CRFL - Totally Disabled	361	1.5		
Lifetime Unified Sportsman with CRFL - Youth	563	2.3		
Total	24,846	100.0		

**Table I.26 Distribution of North Carolina CRFL sales by calendar year and collapsed license group with group components (*continued*).**

Year	Type of License/Collapsed	Type of License	Number	Percent of License Group
2016	10-Day License	10 Day CRFL - Nonresident	138,427	74.7
		10 Day CRFL - Resident	46,973	25.3
		Total	185,400	100.0
	Annual License	Annual CRFL - Nonresident	20,374	7.9
		Annual CRFL - Resident	120,416	46.6
		Annual Inland Fishing/CRFL - Subsistence Waiver	38,544	14.9
		Annual Unified Inland Fishing/CRFL	36,305	14.0
		Annual Unified Sportsman with CRFL	42,807	16.6
		Total	258,446	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	281	1.2
		Lifetime CRFL - Adult Nonresident	10	0.0
		Lifetime CRFL - Disabled Veteran	775	3.2
		Lifetime CRFL - Infant	81	0.3
		Lifetime CRFL – Senior	6,670	28.0
		Lifetime CRFL - Totally Disabled	598	2.5
		Lifetime CRFL - Youth	69	0.3
		Lifetime Unified Inland Fishing/CRFL	418	1.8
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	322	1.3
		Lifetime Unified Inland Fishing/CRFL - Blind	48	0.2
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	15	0.1
		Lifetime Unified Sportsman with CRFL - Adult Resident	1,104	4.6
		Lifetime Unified Sportsman with CRFL - Disabled Veteran	834	3.5
		Lifetime Unified Sportsman with CRFL - Infant	4,795	20.1
		Lifetime Unified Sportsman with CRFL – Senior	6,912	29.0
		Lifetime Unified Sportsman with CRFL - Totally Disabled	383	1.6
	Lifetime Unified Sportsman with CRFL - Youth	545	2.3	
	Total	23,860	100.0	

**Table I.27 Distribution of CRFL sales by calendar year, age group, and residency type.**

Age Group <sup>16</sup>	Resident of NC		Nonresident		Military stationed in NC		Student at NC School		All	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>2019</b>										
Under 16	3,113	1.4	255	0.3	8	0.2	3	1.3	3,379	1.1
16 through 25	29,011	12.9	11,520	13.2	2,009	37.9	167	71.7	42,707	13.4
26 through 35	39,234	17.4	14,983	17.2	1,855	35.0	50	21.5	56,122	17.6
36 through 45	43,346	19.2	16,769	19.2	1,045	19.7	3	1.3	61,163	19.2
46 through 55	51,324	22.8	17,248	19.7	299	5.6	9	3.9	68,880	21.6
56 through 65	50,313	22.3	16,175	18.5	76	1.4	1	0.4	66,565	20.9
66 through 75	8,558	3.8	8,842	10.1	16	0.3	0	0.0	17,416	5.5
76 through 85	635	0.3	1,487	1.7	0	0.0	0	0.0	2,122	0.7
Greater than 85	62	0.0	100	0.1	0	0.0	0	0.0	162	0.1
<b>2018</b>										
Under 16	2,725	1.3	192	0.2	12	0.3	2	1.0	2,931	1.0
16 through 25	26,196	12.7	11,077	13.4	1,841	38.2	138	67.7	39,252	13.3
26 through 35	35,943	17.4	14,328	17.4	1,741	36.1	56	27.5	52,068	17.7
36 through 45	40,135	19.4	16,051	19.5	912	18.9	6	2.9	57,104	19.4
46 through 55	47,739	23.1	16,699	20.2	251	5.2	1	0.5	64,690	22.0
56 through 65	46,404	22.4	14,995	18.2	54	1.1	1	0.5	61,454	20.9
66 through 75	7,181	3.5	7,825	9.5	6	0.1	0	0.0	15,012	5.1
76 through 85	595	0.3	1,253	1.5	0	0.0	0	0.0	1,848	0.6
Greater than 85	47	0.0	87	0.1	0	0.0	0	0.0	134	0.1
<b>2017</b>										
Under 16	2,836	1.2	169	0.2	8	0.2	2	1.2	3,015	0.9
16 through 25	29,418	12.9	11,088	13.0	1,827	37.2	107	64.5	42,440	13.3
26 through 35	39,675	17.3	14,614	17.2	1,849	37.6	48	28.9	56,186	17.6
36 through 45	44,587	19.5	16,283	19.1	894	18.2	4	2.4	61,768	19.4
46 through 55	53,380	23.3	17,682	20.8	268	5.5	3	1.8	71,333	22.4
56 through 65	50,756	22.2	15,634	18.4	60	1.2	1	0.6	66,451	20.8
66 through 75	7,576	3.3	8,256	9.7	9	0.2	1	0.6	15,842	5.0
76 through 85	648	0.3	1,364	1.6	3	0.1	0	0.0	2,015	0.6
Greater than 85	61	0.0	95	0.1	0	0.0	0	0.0	156	0.1
<b>2016</b>										
Under 16	2,474	1.1	92	0.1	4	0.1	0	0.0	2,570	0.8
16 through 25	30,791	13.6	10,589	13.1	1,814	38.7	107	66.5	43,301	13.8
26 through 35	39,560	17.4	14,138	17.5	1,788	38.2	47	29.2	55,533	17.8
36 through 45	45,081	19.8	15,508	19.2	781	16.7	3	1.9	61,373	19.6
46 through 55	52,916	23.3	17,058	21.1	255	5.5	3	1.9	70,232	22.5
56 through 65	48,705	21.4	14,779	18.3	30	0.6	0	0.0	63,514	20.3
66 through 75	6,984	3.1	7,322	9.1	10	0.2	1	0.6	14,317	4.6
76 through 85	620	0.3	1,150	1.4	0	0.0	0	0.0	1,770	0.6
Greater than 85	66	0.0	89	0.1	0	0.0	0	0.0	155	0.1

<sup>16</sup> Not a mandatory field, missing on some applications.

**Table I.28 Number of CRFLs sold by calendar year and county of residence.**

County of License Holder	2019		2018		2017		2016	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alamance	4,644	1.01	4,172	0.97	4,498	0.96	4,470	0.96
Alexander	856	0.19	779	0.18	809	0.17	827	0.18
Alleghany	286	0.06	244	0.06	285	0.06	253	0.05
Anson	580	0.13	624	0.15	650	0.14	666	0.14
Ashe	601	0.13	495	0.12	455	0.10	476	0.10
Avery	277	0.06	229	0.05	250	0.05	258	0.06
Beaufort	5,484	1.20	5,080	1.18	5,851	1.25	5,659	1.21
Bertie	1,498	0.33	1,390	0.32	1,509	0.32	1,546	0.33
Bladen	1,601	0.35	1,473	0.34	1,697	0.36	1,728	0.37
Brunswick	10,646	2.32	9,677	2.26	10,791	2.30	10,643	2.28
Buncombe	2,116	0.46	2,043	0.48	2,205	0.47	2,048	0.44
Burke	1,780	0.39	1,703	0.40	1,920	0.41	2,032	0.43
Cabarrus	3,634	0.79	3,439	0.80	3,664	0.78	3,542	0.76
Caldwell	2,388	0.52	2,240	0.52	2,514	0.54	2,688	0.57
Camden	796	0.17	808	0.19	834	0.18	831	0.18
Carteret	9,811	2.14	8,389	1.96	9,943	2.12	10,109	2.16
Caswell	710	0.15	617	0.14	689	0.15	667	0.14
Catawba	3,099	0.68	3,000	0.70	3,198	0.68	3,253	0.70
Chatham	1,945	0.42	1,828	0.43	1,995	0.42	1,909	0.41
Cherokee	213	0.05	206	0.05	219	0.05	264	0.06
Chowan	1,337	0.29	1,329	0.31	1,322	0.28	1,496	0.32
Clay	228	0.05	233	0.05	220	0.05	241	0.05
Cleveland	1,658	0.36	1,651	0.38	1,727	0.37	1,763	0.38
Columbus	2,883	0.63	2,667	0.62	2,730	0.58	2,759	0.59
Craven	8,819	1.92	7,887	1.84	9,165	1.95	9,223	1.97
Cumberland	7,094	1.55	6,663	1.55	7,436	1.58	7,366	1.57
Currituck	2,118	0.46	1,986	0.46	2,089	0.44	1,984	0.42
Dare	5,791	1.26	5,246	1.22	5,963	1.27	5,549	1.19
Davidson	5,436	1.19	5,069	1.18	5,561	1.18	5,504	1.18
Davie	1,336	0.29	1,299	0.30	1,396	0.30	1,493	0.32
Duplin	3,577	0.78	3,107	0.72	3,602	0.77	3,451	0.74
Durham	4,046	0.88	3,478	0.81	4,242	0.90	3,924	0.84
Edgecombe	2,096	0.46	2,022	0.47	2,242	0.48	2,396	0.51
Forsyth	6,641	1.45	6,171	1.44	6,894	1.47	6,960	1.49
Franklin	2,065	0.45	1,822	0.42	2,020	0.43	1,783	0.38
Gaston	4,420	0.96	4,116	0.96	4,509	0.96	4,492	0.96
Gates	538	0.12	538	0.13	551	0.12	573	0.12
Graham	92	0.02	55	0.01	67	0.01	88	0.02
Granville	1,484	0.32	1,422	0.33	1,512	0.32	1,466	0.31
Greene	1,146	0.25	1,009	0.24	1,132	0.24	1,060	0.23
Guilford	8,278	1.81	7,768	1.81	8,470	1.80	8,649	1.85
Halifax	1,470	0.32	1,467	0.34	1,656	0.35	1,776	0.38
Harnett	4,172	0.91	3,666	0.85	4,045	0.86	4,032	0.86
Haywood	470	0.10	543	0.13	516	0.11	542	0.12
Henderson	808	0.18	749	0.17	808	0.17	783	0.17
Hertford	1,066	0.23	1,016	0.24	1,052	0.22	1,061	0.23
Hoke	1,494	0.33	1,337	0.31	1,468	0.31	1,528	0.33

**Table I.28 Number of CRFLs sold by calendar year and county of residence (continued).**

County of License Holder	2019		2018		2017		2016	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Hyde	722	0.16	702	0.16	834	0.18	848	0.18
Iredell	3,032	0.66	2,844	0.66	3,030	0.65	2,903	0.62
Jackson	259	0.06	267	0.06	247	0.05	295	0.06
Johnston	9,158	2.00	8,256	1.92	8,904	1.90	8,633	1.85
Jones	949	0.21	887	0.21	1,032	0.22	1,023	0.22
Lee	1,544	0.34	1,520	0.35	1,890	0.40	2,055	0.44
Lenoir	3,507	0.76	3,216	0.75	3,645	0.78	3,767	0.81
Lincoln	1,932	0.42	1,761	0.41	1,980	0.42	1,949	0.42
Macon	230	0.05	201	0.05	230	0.05	226	0.05
Madison	230	0.05	192	0.04	205	0.04	242	0.05
Martin	1,915	0.42	1,796	0.42	1,919	0.41	1,972	0.42
McDowell	774	0.17	638	0.15	773	0.16	818	0.17
Mecklenburg	7,815	1.70	7,487	1.75	7,966	1.70	8,168	1.75
Mitchell	155	0.03	162	0.04	205	0.04	187	0.04
Montgomery	767	0.17	595	0.14	714	0.15	751	0.16
Moore	2,369	0.52	2,186	0.51	2,472	0.53	2,373	0.51
Nash	3,579	0.78	3,372	0.79	3,604	0.77	3,620	0.77
New Hanover	14,115	3.08	13,203	3.08	15,090	3.21	15,036	3.21
Northampton	681	0.15	653	0.15	769	0.16	877	0.19
Out-of-state	161,249	35.16	154,978	36.13	164,422	34.98	161,812	34.60
Onslow	16,782	3.66	14,938	3.48	17,202	3.66	17,633	3.77
Orange	2,653	0.58	2,497	0.58	2,661	0.57	2,767	0.59
Pamlico	1,621	0.35	1,495	0.35	1,748	0.37	1,794	0.38
Pasquotank	1,932	0.42	1,914	0.45	2,081	0.44	2,070	0.44
Pender	5,696	1.24	5,176	1.21	5,891	1.25	5,738	1.23
Perquimans	1,081	0.24	1,046	0.24	1,131	0.24	1,147	0.25
Person	1,054	0.23	963	0.22	1,070	0.23	1,074	0.23
Pitt	8,668	1.89	8,080	1.88	8,839	1.88	8,634	1.85
Polk	171	0.04	146	0.03	165	0.04	163	0.03
Randolph	4,537	0.99	4,116	0.96	4,660	0.99	4,614	0.99
Richmond	1,167	0.25	1,131	0.26	1,299	0.28	1,360	0.29
Robeson	4,553	0.99	3,920	0.91	4,569	0.97	4,465	0.95
Rockingham	1,983	0.43	1,812	0.42	2,171	0.46	2,003	0.43
Rowan	4,451	0.97	4,295	1.00	4,713	1.00	4,760	1.02
Rutherford	848	0.18	770	0.18	829	0.18	949	0.20
Sampson	3,238	0.71	2,817	0.66	2,997	0.64	2,639	0.56
Scotland	969	0.21	935	0.22	1,018	0.22	1,163	0.25
Stanly	2,057	0.45	1,839	0.43	2,038	0.43	2,030	0.43
Stokes	1,695	0.37	1,595	0.37	2,100	0.45	2,597	0.56
Surry	1,591	0.35	1,421	0.33	1,532	0.33	1,682	0.36
Swain	124	0.03	89	0.02	108	0.02	132	0.03
Transylvania	282	0.06	262	0.06	274	0.06	274	0.06
Tyrrell	459	0.10	410	0.10	423	0.09	493	0.11
Union	3,793	0.83	3,495	0.81	3,762	0.80	3,700	0.79
Vance	1,132	0.25	964	0.22	1,076	0.23	1,269	0.27
Wake	22,700	4.95	21,346	4.98	23,636	5.03	24,030	5.14
Warren	555	0.12	475	0.11	510	0.11	554	0.12

**Table I.28 Number of CRFLs sold by calendar year and county of residence (continued).**

County of License Holder	2019		2018		2017		2016	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Washington	1,317	0.29	1,228	0.29	1,341	0.29	1,486	0.32
Watauga	741	0.16	640	0.15	721	0.15	766	0.16
Wayne	5,418	1.18	4,927	1.15	5,557	1.18	5,219	1.12
Wilkes	1,457	0.32	1,304	0.30	1,446	0.31	1,398	0.30
Wilson	4,009	0.87	3,925	0.92	4,240	0.90	4,317	0.92
Yadkin	1,171	0.26	1,098	0.26	1,214	0.26	1,203	0.26
Yancey	190	0.04	193	0.04	247	0.05	217	0.05
Total – All Counties	458,605	100.00	428,930	100	469,571	100.00	467,706	100.00

## Chapter II: COMMERCIAL FISHERY STATISTICS

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## PROGRAM NARRATIVE

This chapter of the document contains commercial fishery landings for North Carolina from 1950 to 2019. 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 2019 then it is presented as such. Zeros are shown when no landings were reported for that year, species, gear, etc. Blanks within a table instead of zeros indicate data were not collected for that year, species, gear, etc. Typically, blanks in the tables were a result of more specific codes created over time to replace generic codes for species, gear, or waterbodies.

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 (Chestnut and Davis 1975). However, some data, primarily 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, species were grouped 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 associate landings or purchases to any individual.

There are other important considerations to take into account when viewing these data. When a dealer completes a paper trip ticket, there is only one waterbody recorded per trip (Appendix 4). 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.

Staff within the Trip Ticket Program constantly strive to provide timely data while ensuring that all data are as accurate as possible. To ensure accuracy, errors that are found during screening and editing stages are addressed and corrected. An unfortunate consequence of ensuring accuracy is that historical data may change. This book contains the most current data available at the time of publication; therefore, 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 800-682-2632 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://ncmarinefisheries.net/> and via the Atlantic Coastal Cooperative Statistics Program website at [www.ACCSP.org](http://www.ACCSP.org).

## LITERATURE CITED

Chestnut, A. F. and Davis, H. S. 1975. Synopsis of Marine Fisheries of North Carolina. Part I. Statistical Information, 1880-1973. Sea Grant Publication UNC-SG-75-12. University of North Carolina Sea Grant, North Carolina State University, Raleigh, North Carolina.

## 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.

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INFOGRAPHIC

**Highest County Landings & Value**

Dare County  
13,966,829 lbs  
\$ 19,822,344



**Highest Waterbody Landings**

Albemarle Sound  
9,679,183 lbs

**Value**  
Ocean >3 miles Offshore  
North of Cape Hatteras  
\$ 16,146,639



**Anchored Gillnet**



**Shrimp Trawl**



**Crab Pots**



**Total Landings**

52,983,925 lbs

**Total Value**

\$ 86,632,835



**Blue Crabs (Hard)**  
22,340,373 lbs  
\$ 22,194,103

**Shrimp**  
(Brown, Other,  
Pink, White)  
9,547,971 lbs  
\$ 21,937,292

**Oysters**  
832,760 lbs  
\$ 4,889,703



**Southern Flounder**  
799,772 lbs  
\$3,077,470

**2019**

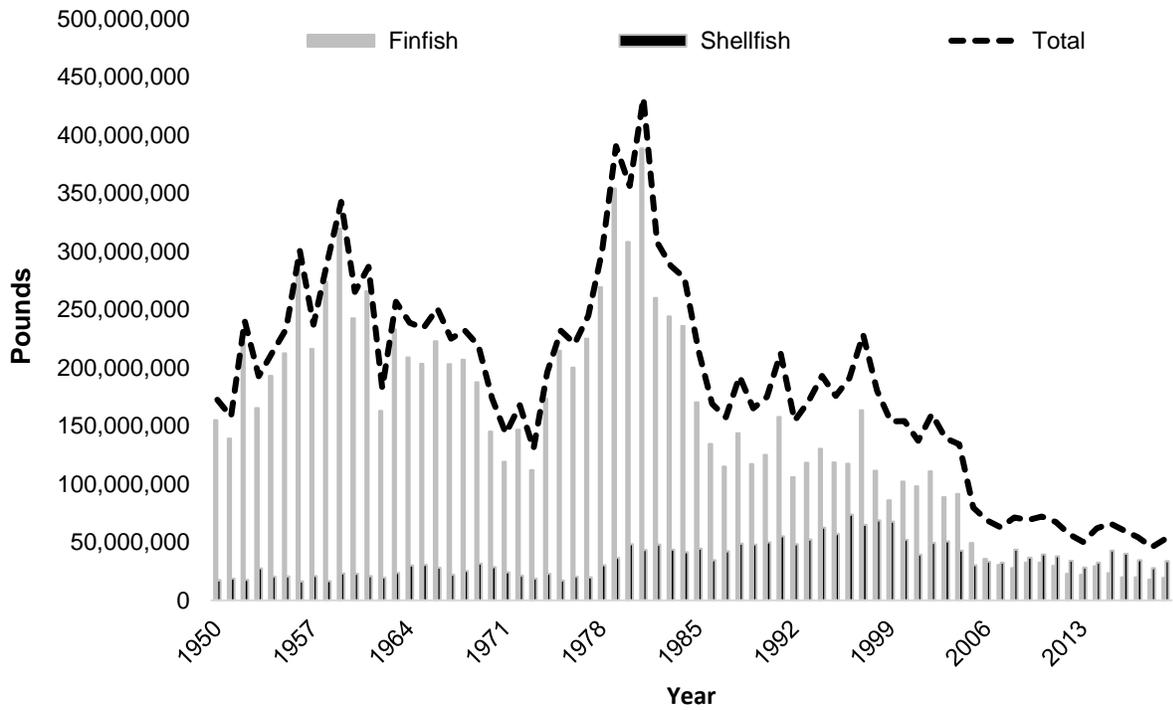
Commercial Landings Highlights

**Table II.1 Commercial landings of finfish and shellfish.**

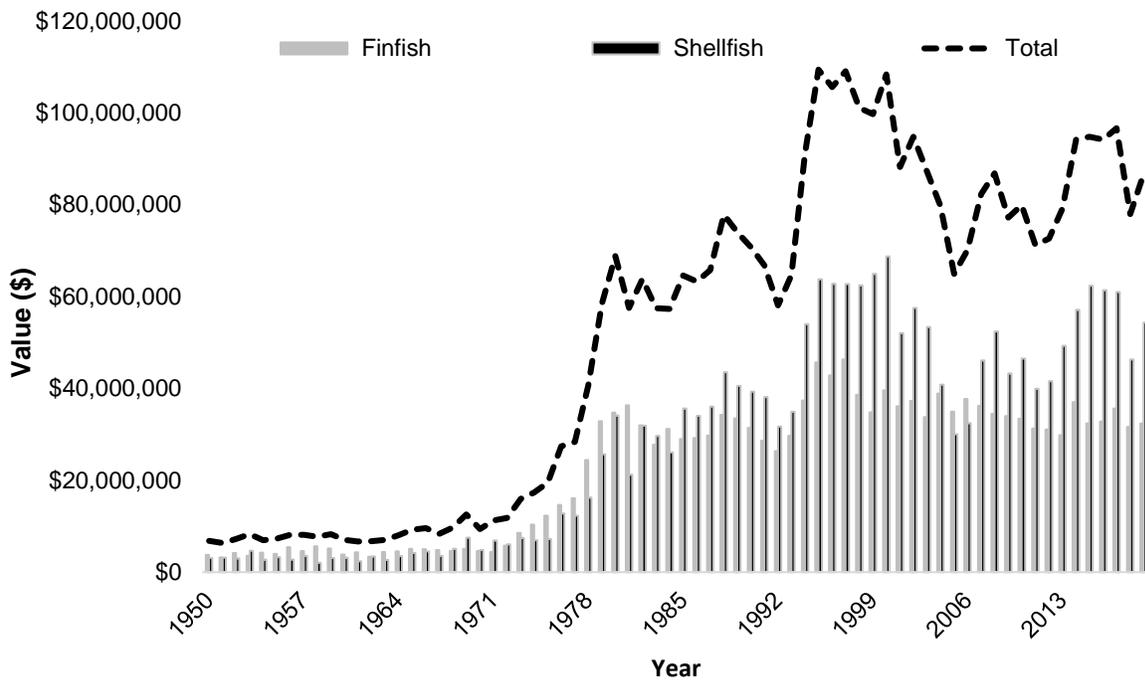
Year	Finfish		Shellfish		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
2019	19,207,345	\$32,342,326	33,776,580	\$54,290,509	52,983,925	\$86,632,835
2018	17,961,325	\$31,586,845	27,805,894	\$46,311,980	45,767,219	\$77,898,825
2017	19,752,761	\$35,640,337	34,642,984	\$60,953,374	54,395,746	\$96,593,712
2016	19,934,141	\$32,755,530	40,042,936	\$61,368,225	59,977,077	\$94,123,755
2015	23,290,856	\$32,391,133	42,656,576	\$62,331,261	65,947,432	\$94,722,394
2014	29,456,169	\$37,033,146	32,519,243	\$57,077,130	61,975,412	\$94,110,276
2013	22,003,149	\$29,819,788	28,194,084	\$49,283,890	50,197,234	\$79,103,678
2012	22,734,334	\$31,016,774	33,956,601	\$41,554,318	56,690,935	\$72,571,092
2011	29,739,093	\$31,278,458	37,762,921	\$39,905,550	67,502,014	\$71,184,008
2010	32,497,821	\$33,371,022	39,504,040	\$46,495,710	72,001,861	\$79,866,731
2009	32,330,247	\$33,983,594	36,633,075	\$43,212,386	68,963,323	\$77,195,980
2008	27,621,065	\$34,419,876	43,579,163	\$52,389,826	71,200,227	\$86,809,702
2007	30,415,458	\$36,192,576	32,459,521	\$46,090,964	62,874,979	\$82,283,541
2006	35,643,190	\$37,669,932	33,100,157	\$32,415,388	68,743,347	\$70,085,319
2005	49,433,481	\$34,895,868	30,195,429	\$29,992,539	79,628,910	\$64,888,407
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	39,118,691	\$52,056,307	137,165,291	\$88,142,112
2000	102,060,290	\$39,593,160	52,159,808	\$68,721,651	154,220,098	\$108,314,811
1999	86,092,743	\$34,774,093	67,648,301	\$64,905,519	153,741,044	\$99,679,612
1998	111,407,313	\$38,616,550	68,823,245	\$62,401,985	180,230,558	\$101,018,535
1997	163,514,248	\$46,295,327	65,051,082	\$62,692,789	228,565,330	\$108,988,117
1996	117,381,143	\$42,806,095	73,741,463	\$62,725,091	191,122,606	\$105,531,186
1995	118,636,223	\$45,657,206	57,128,907	\$63,710,744	175,765,130	\$109,367,950
1994	130,406,672	\$37,327,551	62,505,653	\$53,942,991	192,912,325	\$91,270,542
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

**Table II.1 Commercial landings of finfish and shellfish (continued).**

Year	Finfish		Shellfish		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
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
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 II.1 Commercial landings of finfish and shellfish. ex-vessel value.**



**Figure II.2 Commercial ex-vessel value of finfish and shellfish landings.**

**Table II.2 Annual number of dealers, participants, vessels, and trips for North Carolina.**

Year	Dealers	Participants	Trips	Vessels
2019	532	2,535	100,602	2,856
2018	547	2,651	100,805	2,906
2017	532	2,945	126,694	3,228
2016	575	2,974	132,242	3,179
2015	610	3,136	138,247	3,427
2014	606	3,174	140,723	3,415
2013	612	3,151	142,017	3,432
2012	629	3,169	136,784	3,426
2011	642	3,244	136,064	3,425
2010	663	3,598	152,126	3,806
2009	683	3,756	157,070	3,981
2008	609	3,664	148,931	3,868
2007	606	3,742	159,297	3,908
2006	603	3,606	150,126	3,851
2005	640	3,895	155,365	4,196
2004	701	4,262	185,716	4,588
2003	716	4,355	197,315	4,854
2002	726	4,694	213,531	5,069
2001	706	5,081	246,912	5,759
2000	697	5,034	243,995	6,090
1999	760	4,834	249,220	6,681
1998	737	4,688	272,989	5,349
1997	708	5,160	282,842	5,765
1996	713	5,207	261,954	6,084
1995	717	5,494	286,107	6,420
1994	613	5,317	274,187	6,025

**Table II.3 Commercial landings of select species of finfish and shellfish.**

Species	2019		2018		2017	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	104,411	\$109,992	141,824	\$162,910	127,895	\$162,956
Blue Crabs, Hard	22,340,373	\$22,194,103	16,410,770	\$17,296,000	18,059,799	\$17,767,012
Blue Crabs, Peeler	465,077	\$1,237,027	368,241	\$857,867	776,128	\$1,649,402
Blue Crabs, Soft	183,946	\$1,199,842	234,503	\$1,501,315	427,742	\$2,791,960
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	1,107,902	\$559,710	910,262	\$675,209	1,544,037	\$999,641
Catfishes	1,236,478	\$266,878	1,137,401	\$290,388	1,165,136	\$399,413
Clams, Hard	118,138	\$1,116,748	199,955	\$1,628,664	273,280	\$2,174,491
Croaker, Atlantic	1,277,829	\$1,565,650	1,643,646	\$1,631,506	1,007,963	\$1,133,533
Dolphinfish	208,385	\$675,935	144,660	\$494,055	198,038	\$719,454
Drum, Red	56,393	\$163,382	144,484	\$386,303	186,907	\$497,908
Eel, American	8,154	\$37,603	18,058	\$29,344	24,753	\$14,413
Finfish, Other	987,269	\$1,300,442	839,703	\$1,087,492	882,977	\$908,913
Flounder, Southern	799,772	\$3,077,470	903,777	\$3,823,498	1,394,907	\$5,656,948
Flounder, Summer	2,025,401	\$7,292,375	1,654,569	\$6,893,316	1,563,045	\$6,315,997
Goosefish	44,149	\$35,487	45,166	\$35,652	66,225	\$60,045
Groupers	302,842	\$1,475,200	239,181	\$1,112,068	223,593	\$1,013,987
Herring, River	0	\$0	0	\$0	0	\$0
Herring, Thread	25,584	\$6,174	27,252	\$6,132	15,612	\$3,331
Hog Snapper	14,486	\$66,895	13,755	\$60,617	15,776	\$70,760
Kingfishes	702,234	\$995,115	407,171	\$504,793	942,938	\$1,096,605
Mackerel, King	698,252	\$1,570,680	506,933	\$1,146,962	629,696	\$1,266,983
Mackerel, Spanish	722,396	\$998,879	796,890	\$1,237,371	816,075	\$1,384,667
Menhaden, Atlantic	551,849	\$135,682	712,213	\$175,769	752,799	\$157,288
Mullet, Striped	1,362,175	\$929,261	1,312,121	\$953,667	1,366,338	\$1,037,526
Oysters	832,760	\$4,889,703	632,502	\$3,897,979	841,614	\$5,590,559
Perch, White	100,991	\$90,500	131,920	\$108,241	171,756	\$125,448
Perch, Yellow	6,339	\$7,757	12,725	\$14,568	16,131	\$21,621
Porgies	45,232	\$88,709	54,985	\$112,247	50,803	\$96,662
Scallop, Bay	***	***	0	\$0	0	\$0
Scup	216,776	\$112,878	78,944	\$58,243	199,711	\$112,830
Sea Basses	385,404	\$1,157,244	497,056	\$1,518,224	632,554	\$1,862,633
Seatrout, Spotted	378,491	\$893,033	128,938	\$346,584	299,911	\$779,854
Shad, American	40,975	\$70,463	53,878	\$82,435	90,868	\$109,340
Shad, Gizzard	307,879	\$30,788	262,405	\$14,046	166,695	\$8,335
Shad, Hickory	111,719	\$32,502	75,481	\$26,399	73,627	\$20,190
Sharks	881,381	\$352,382	817,498	\$355,357	862,171	\$424,465
Sharks, Dogfishes	1,226,883	\$194,067	1,378,007	\$257,283	547,525	\$112,313
Shellfish, Other	288,316	\$1,715,794	230,397	\$1,083,007	359,028	\$1,348,875
Shrimp, Brown	1,493,772	\$2,964,476	6,125,615	\$11,198,994	4,526,067	\$8,536,519
Shrimp, Pink	2,078	\$3,746	69,351	\$202,731	209,773	\$326,636
Shrimp, Unclassified	14,702	\$90,080	13,312	\$74,312	36,267	\$139,167
Shrimp, White	8,037,419	\$18,878,990	3,521,248	\$8,571,111	9,133,285	\$20,628,755
Snappers	422,970	\$1,566,839	323,276	\$1,172,463	286,861	\$1,020,240
Spadefish	12,262	\$6,974	9,838	\$5,640	18,834	\$13,414
Spot	392,067	\$565,155	167,696	\$239,186	413,999	\$521,980
Striped Bass	136,816	\$370,324	136,047	\$439,145	99,009	\$288,888
Swordfish	412,687	\$1,007,676	425,501	\$931,382	458,361	\$1,138,260
Tilefishes	90,118	\$334,802	68,509	\$250,497	88,754	\$335,987
Triggerfish	165,126	\$467,137	174,075	\$479,894	152,955	\$415,990
Tunas	1,490,136	\$3,440,754	1,507,726	\$4,330,444	2,083,121	\$5,091,809
Wahoo	31,494	\$108,198	22,619	\$81,777	28,963	\$110,577
Weakfish	115,638	\$181,334	35,134	\$55,741	85,442	\$129,134

\*\*\* indicates confidential data; confidential data has been added to "Finfish, Other" and "Shellfish, Other" landings, where applicable

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	2016		2015		2014	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	138,712	\$150,501	146,544	\$162,064	192,994	\$198,868
Blue Crabs, Hard	24,729,421	\$20,736,477	31,018,908	\$29,606,587	25,242,795	\$29,954,723
Blue Crabs, Peeler	445,814	\$1,314,789	704,346	\$2,099,196	621,040	\$1,935,462
Blue Crabs, Soft	284,768	\$2,062,996	375,874	\$2,221,331	367,277	\$2,137,335
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	1,148,643	\$600,172	804,094	\$445,184	2,019,279	\$889,710
Catfishes	992,439	\$238,725	918,085	\$262,863	521,540	\$158,480
Clams, Hard	331,215	\$2,578,120	415,027	\$5,038,973	430,816	\$2,866,096
Croaker, Atlantic	2,092,287	\$2,216,211	1,819,007	\$1,646,350	2,629,908	\$1,865,595
Dolphinfish	356,061	\$1,271,296	320,961	\$973,324	422,496	\$1,237,458
Drum, Red	77,101	\$203,003	80,388	\$196,131	90,650	\$208,295
Eel, American	39,911	\$88,195	57,791	\$142,826	60,755	\$164,797
Finfish, Other	784,901	\$916,191	1,036,385	\$1,104,258	934,282	\$974,336
Flounder, Southern	899,932	\$3,618,196	1,202,952	\$3,823,788	1,673,511	\$4,839,672
Flounder, Summer	2,071,091	\$8,238,710	2,878,743	\$9,092,495	2,911,750	\$8,225,282
Goosefish	50,883	\$47,173	112,863	\$106,081	76,392	\$85,364
Groupers	258,173	\$1,111,328	261,159	\$1,122,236	300,002	\$1,266,274
Herring, River	0	\$0	0	\$0	1,139	\$1,519
Herring, Thread	10,330	\$3,099	***	***	34,909	\$7,908
Hog Snapper	9,195	\$39,452	8,238	\$33,500	9,767	\$37,920
Kingfishes	834,671	\$1,007,572	784,695	\$858,468	955,087	\$1,007,513
Mackerel, King	420,869	\$870,011	391,315	\$800,688	549,981	\$1,203,503
Mackerel, Spanish	601,628	\$1,068,262	561,401	\$1,034,217	673,974	\$1,230,410
Menhaden, Atlantic	398,044	\$73,766	898,282	\$152,429	917,905	\$145,659
Mullet, Striped	965,337	\$669,843	1,247,044	\$804,675	1,828,351	\$1,112,465
Oysters	658,140	\$4,059,849	637,069	\$3,911,399	727,775	\$4,544,236
Perch, White	242,106	\$166,889	161,596	\$124,499	172,486	\$148,698
Perch, Yellow	29,405	\$41,609	41,655	\$54,013	67,454	\$82,336
Porgies	44,072	\$82,274	51,488	\$91,282	78,265	\$142,546
Scallop, Bay	0	\$0	0	\$0	0	\$0
Scup	111,908	\$72,871	229,696	\$130,029	160,508	\$110,203
Sea Basses	424,051	\$1,346,245	467,953	\$1,366,822	529,075	\$1,413,708
Seatrout, Spotted	254,590	\$662,608	128,762	\$318,307	242,245	\$579,343
Shad, American	62,245	\$88,729	95,966	\$91,655	191,302	\$159,657
Shad, Gizzard	174,222	\$30,489	97,978	\$4,899	114,999	\$5,750
Shad, Hickory	96,121	\$29,309	149,336	\$43,119	110,280	\$27,575
Sharks	951,814	\$403,736	795,831	\$338,283	1,005,858	\$473,375
Sharks, Dogfishes	2,449,895	\$308,312	4,515,642	\$630,293	6,149,189	\$780,378
Shellfish, Other	398,311	\$2,368,762	388,622	\$2,573,994	438,607	\$1,493,871
Shrimp, Brown	4,819,256	\$8,386,288	6,305,783	\$10,513,252	3,354,809	\$10,326,997
Shrimp, Pink	45,071	\$80,240	29,140	\$58,767	111,882	\$282,864
Shrimp, Unclassified	6,416	\$52,214	9,488	\$79,038	5,390	\$52,530
Shrimp, White	8,324,526	\$19,728,491	2,772,320	\$6,228,725	1,218,852	\$3,483,015
Snappers	280,043	\$958,190	232,030	\$803,988	251,087	\$864,618
Spadefish	15,231	\$9,189	15,997	\$8,177	22,761	\$10,652
Spot	241,039	\$301,670	376,979	\$321,871	766,224	\$619,643
Striped Bass	146,189	\$432,127	141,824	\$450,208	96,233	\$283,241
Swordfish	445,415	\$1,202,276	593,258	\$1,277,355	694,911	\$2,109,549
Tilefishes	111,788	\$395,813	45,354	\$135,228	91,074	\$238,808
Triggerfish	135,545	\$356,211	131,536	\$331,805	116,782	\$262,199
Tunas	1,463,194	\$3,220,820	1,341,077	\$2,916,057	1,662,737	\$3,647,436
Wahoo	25,393	\$93,872	18,380	\$65,475	22,783	\$71,829
Weakfish	79,667	\$120,585	80,234	\$115,834	105,247	\$140,574

\*\*\* indicates confidential data; confidential data has been added to "Finfish, Other" and "Shellfish, Other" landings, where applicable

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	2013		2012		2011	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	90,122	\$89,876	124,325	\$104,213	72,797	\$62,822
Blue Crabs, Hard	21,438,077	\$26,465,523	25,991,387	\$20,198,891	28,964,633	\$18,016,736
Blue Crabs, Peeler	447,120	\$1,449,542	468,855	\$1,112,025	624,362	\$1,186,286
Blue Crabs, Soft	317,426	\$2,091,382	325,426	\$1,496,021	446,397	\$2,079,242
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	1,159,580	\$564,377	758,858	\$349,288	1,897,471	\$848,355
Catfishes	548,913	\$92,497	489,492	\$116,379	444,445	\$85,039
Clams, Hard	347,073	\$2,295,366	396,429	\$2,091,067	295,466	\$1,896,627
Croaker, Atlantic	1,927,938	\$1,723,578	3,106,616	\$2,135,458	5,054,186	\$3,164,034
Dolphinfish	178,035	\$529,916	249,020	\$756,346	94,210	\$244,752
Drum, Red	371,949	\$715,685	66,519	\$138,833	91,980	\$166,966
Eel, American	33,980	\$88,649	64,110	\$160,275	61,960	\$123,920
Finfish, Other	1,097,664	\$1,065,344	896,329	\$795,882	718,622	\$561,345
Flounder, Southern	2,186,391	\$5,673,190	1,646,137	\$4,451,482	1,247,450	\$2,753,128
Flounder, Summer	541,542	\$1,386,338	1,090,218	\$2,969,370	2,854,122	\$6,136,614
Goosefish	10,566	\$9,053	21,649	\$25,286	38,892	\$48,702
Groupers	311,203	\$1,247,807	382,085	\$1,421,867	408,507	\$1,462,989
Herring, River	743	\$743	678	\$678	1,611	\$1,611
Herring, Thread	33,913	\$7,701	***	***	18,303	\$3,735
Hog Snapper	7,847	\$30,640	8,256	\$28,738	10,793	\$37,688
Kingfishes	603,186	\$668,480	596,249	\$645,607	486,853	\$520,413
Mackerel, King	345,177	\$877,497	297,423	\$831,297	408,162	\$1,062,081
Mackerel, Spanish	620,752	\$1,015,965	916,439	\$1,374,648	871,217	\$1,188,154
Menhaden, Atlantic	454,206	\$73,494	538,792	\$82,976	3,530,003	\$336,531
Mullet, Striped	1,549,157	\$1,402,914	1,859,587	\$1,041,659	1,627,894	\$1,015,852
Oysters	586,625	\$3,353,126	440,063	\$2,572,073	800,543	\$4,486,741
Perch, White	275,652	\$255,633	189,448	\$150,940	245,636	\$223,248
Perch, Yellow	31,481	\$40,546	20,511	\$23,446	27,838	\$38,554
Porgies	70,942	\$115,758	81,532	\$129,798	89,612	\$133,027
Scallop, Bay	1,337	\$9,506	0	\$0	0	\$0
Scup	28,691	\$13,323	3,954	\$2,768	308,907	\$126,875
Sea Basses	329,691	\$868,811	256,007	\$687,905	272,280	\$627,825
Seatrout, Spotted	367,648	\$818,159	265,016	\$522,130	75,239	\$144,596
Shad, American	257,348	\$306,885	235,795	\$257,681	203,755	\$182,619
Shad, Gizzard	112,295	\$4,492	123,813	\$4,333	101,025	\$5,051
Shad, Hickory	71,772	\$29,324	65,689	\$22,402	85,226	\$23,632
Sharks	553,665	\$282,318	701,876	\$376,147	584,238	\$327,802
Sharks, Dogfishes	3,794,011	\$646,430	3,709,215	\$1,020,811	3,799,175	\$784,925
Shellfish, Other	197,543	\$674,565	192,961	\$751,091	1,491,160	\$1,354,123
Shrimp, Brown	2,297,132	\$6,021,373	3,599,108	\$7,721,355	4,337,643	\$8,683,030
Shrimp, Pink	229,301	\$479,113	774,968	\$1,619,500	2,295	\$3,490
Shrimp, Unclassified	13,467	\$99,514	16,366	\$78,690	104,222	\$312,257
Shrimp, White	2,318,985	\$6,344,881	1,751,039	\$3,913,604	696,200	\$1,887,019
Snappers	276,533	\$917,987	279,368	\$899,624	326,371	\$1,004,700
Spadefish	20,369	\$9,246	24,238	\$9,043	21,535	\$6,839
Spot	768,592	\$690,035	489,678	\$465,752	936,970	\$728,475
Striped Bass	96,935	\$303,486	144,555	\$368,516	410,685	\$1,164,426
Swordfish	1,058,089	\$2,935,940	903,178	\$3,009,107	803,725	\$2,617,201
Tilefishes	217,079	\$522,652	361,094	\$753,966	133,824	\$314,600
Triggerfish	160,861	\$342,228	143,114	\$278,968	220,204	\$411,373
Tunas	1,295,062	\$3,226,483	1,493,530	\$4,413,829	1,071,504	\$2,464,617
Wahoo	23,380	\$75,577	23,521	\$73,998	15,870	\$44,685
Weakfish	120,191	\$150,730	91,384	\$111,462	65,998	\$78,659

\*\*\* indicates confidential data; confidential data has been added to "Finfish, Other" and "Shellfish, Other" landings, where applicable

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	2010		2009		2008	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	128,466	\$95,442	153,099	\$104,982	160,769	\$110,236
Blue Crabs, Hard	29,794,329	\$23,801,594	29,140,473	\$25,039,379	32,338,889	\$25,429,231
Blue Crabs, Peeler	568,210	\$1,197,855	367,881	\$1,106,883	351,986	\$882,319
Blue Crabs, Soft	320,472	\$1,544,342	198,878	\$1,282,733	225,816	\$1,243,836
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	3,216,030	\$1,129,691	2,360,081	\$782,598	1,930,391	\$707,749
Catfishes	354,892	\$64,316	412,122	\$77,709	361,456	\$91,752
Clams, Hard	354,961	\$2,581,033	350,669	\$2,036,793	382,049	\$2,355,279
Croaker, Atlantic	7,312,159	\$3,409,671	6,135,437	\$3,003,861	5,791,766	\$3,141,877
Dolphinfish	239,551	\$492,270	611,962	\$1,030,145	289,548	\$573,364
Drum, Red	231,828	\$421,781	200,296	\$325,625	229,809	\$352,426
Eel, American	122,104	\$351,048	65,481	\$154,536	23,833	\$53,624
Finfish, Other	797,142	\$618,688	860,612	\$683,139	971,022	\$627,548
Flounder, Southern	1,689,557	\$3,695,889	2,396,240	\$4,609,932	2,602,390	\$5,650,295
Flounder, Summer	3,310,992	\$7,212,191	2,859,039	\$5,513,799	2,406,603	\$5,236,001
Goosefish	47,305	\$60,322	99,549	\$112,354	109,102	\$127,688
Groupers	561,926	\$1,730,542	637,447	\$1,878,701	785,555	\$2,274,335
Herring, River	1,765	\$1,765	643	\$836	1,292	\$775
Herring, Thread	0	\$0	0	\$0	0	\$0
Hog Snapper	13,046	\$37,897	10,839	\$28,476	13,035	\$34,731
Kingfishes	886,841	\$958,377	721,924	\$789,000	921,120	\$815,149
Mackerel, King	328,806	\$643,861	777,585	\$1,500,112	1,036,852	\$1,631,665
Mackerel, Spanish	911,866	\$1,026,562	961,811	\$929,748	415,405	\$545,300
Menhaden, Atlantic	1,299,150	\$111,554	2,124,734	\$229,648	645,231	\$70,339
Mullet, Striped	2,082,832	\$1,002,468	1,685,615	\$715,265	1,675,859	\$672,108
Oysters	1,040,407	\$5,045,127	573,630	\$2,655,463	466,176	\$2,039,175
Perch, White	200,501	\$162,388	376,820	\$303,971	398,307	\$318,802
Perch, Yellow	57,027	\$68,576	66,949	\$68,153	43,507	\$49,763
Porgies	80,105	\$105,846	91,922	\$112,138	105,873	\$134,119
Scallop, Bay	0.	\$0	29,003	\$124,256	0	\$0
Scup	102,853	\$51,424	244,337	\$100,956	205,868	\$164,204
Sea Basses	401,489	\$947,900	615,179	\$1,401,506	484,892	\$1,155,772
Seatrout, Spotted	202,647	\$354,077	320,247	\$528,985	304,430	\$466,588
Shad, American	232,326	\$189,690	167,114	\$203,681	118,855	\$168,652
Shad, Gizzard	87,340	\$43,670	73,232	\$2,197	58,933	\$1,768
Shad, Hickory	108,352	\$20,983	86,973	\$23,040	66,883	\$11,689
Sharks	629,421	\$325,080	447,405	\$238,806	468,869	\$210,848
Sharks, Dogfishes	3,323,280	\$760,260	2,637,512	\$593,955	985,001	\$291,577
Shellfish, Other	1,470,127	\$1,633,110	564,834	\$2,439,165	399,827	\$1,212,265
Shrimp, Brown	4,233,181	\$7,291,146	3,804,694	\$5,742,975	5,502,793	\$10,742,274
Shrimp, Pink	52,657	\$107,759	250,213	\$365,475	830,488	\$1,326,887
Shrimp, Unclassified	10,815	\$39,979	5,240	\$29,084	4,694	\$38,491
Shrimp, White	1,658,681	\$3,252,515	1,347,561	\$2,390,181	3,076,444	\$7,120,069
Snappers	320,260	\$955,643	374,081	\$1,072,841	602,838	\$1,784,321
Spadefish	18,827	\$6,116	20,636	\$6,520	11,694	\$3,293
Spot	572,315	\$384,386	1,006,500	\$601,844	736,484	\$454,115
Striped Bass	500,152	\$1,221,524	310,604	\$747,308	373,445	\$822,556
Swordfish	629,933	\$1,897,151	502,884	\$1,319,917	444,559	\$1,133,936
Tilefishes	430,394	\$817,388	469,293	\$735,189	404,295	\$659,213
Triggerfish	225,682	\$349,179	215,759	\$303,580	198,724	\$283,028
Tunas	719,702	\$1,509,787	1,048,741	\$2,946,307	1,062,410	\$3,419,059
Wahoo	12,626	\$30,329	16,397	\$39,022	11,643	\$27,068
Weakfish	106,328	\$105,293	163,148	\$163,213	162,516	\$142,545

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	2007		2006		2005	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	133,519	\$93,910	101,722	\$65,811	122,361	\$72,800
Blue Crabs, Hard	20,562,159	\$18,109,497	24,408,932	\$14,146,592	23,571,451	\$15,374,714
Blue Crabs, Peeler	498,904	\$1,186,031	549,916	\$1,172,353	1,166,270	\$1,902,625
Blue Crabs, Soft	363,896	\$2,136,426	384,311	\$1,768,450	692,398	\$2,996,574
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	2,329,718	\$700,707	2,791,187	\$815,645	2,837,661	\$790,316
Catfishes	475,217	\$129,282	429,948	\$121,288	401,516	\$91,165
Clams, Hard	425,333	\$2,600,658	422,293	\$2,631,373	412,995	\$2,777,957
Croaker, Atlantic	7,271,162	\$2,714,046	10,396,554	\$3,562,502	11,903,292	\$3,408,528
Dolphinfish	369,472	\$726,111	159,452	\$307,239	139,761	\$258,625
Drum, Red	243,658	\$354,400	169,206	\$232,818	128,770	\$173,040
Eel, American	37,937	\$73,977	33,581	\$70,893	49,278	\$106,769
Finfish, Other	927,658	\$600,270	893,092	\$491,721	718,577	\$353,187
Flounder, Southern	2,083,043	\$4,970,881	2,287,823	\$4,850,300	1,870,754	\$3,462,308
Flounder, Summer	2,670,110	\$6,363,870	3,981,413	\$8,449,646	4,064,464	\$7,500,273
Goosefish	153,346	\$188,124	164,953	\$176,908	90,099	\$86,084
Groupers	827,766	\$2,394,336	708,863	\$1,905,570	579,271	\$1,474,124
Herring, River	1,103	\$856	109,847	\$84,276	250,021	\$128,834
Herring, Thread	0	\$0	***	***	7,489	\$3,195
Hog Snapper	7,112	\$17,072	7,296	\$16,717	7,877	\$18,127
Kingfishes	817,588	\$795,412	559,440	\$550,566	296,263	\$271,731
Mackerel, King	1,059,107	\$1,967,079	1,185,534	\$2,120,138	1,246,089	\$2,053,692
Mackerel, Spanish	487,879	\$731,076	470,662	\$617,689	446,001	\$586,845
Menhaden, Atlantic	1,134,208	\$139,183	962,651	\$147,779	13,387,423	\$1,223,195
Mullet, Striped	1,668,804	\$721,171	1,728,607	\$977,756	1,620,394	\$801,181
Oysters	441,415	\$2,244,626	447,889	\$2,234,558	378,014	\$1,682,646
Perch, White	174,494	\$130,426	156,426	\$124,299	178,146	\$108,855
Perch, Yellow	45,698	\$58,012	34,599	\$34,815	23,254	\$28,488
Porgies	86,449	\$104,244	53,071	\$61,715	38,423	\$41,619
Scallop, Bay	0	\$0	0	\$0	0	\$0
Scup	66,979	\$42,756	140,062	\$96,932	352,422	\$156,920
Sea Basses	474,297	\$1,195,325	778,230	\$1,715,625	690,424	\$1,332,624
Seatrout, Spotted	374,722	\$524,465	312,624	\$410,701	129,855	\$173,867
Shad, American	298,597	\$279,163	184,710	\$200,769	189,462	\$203,334
Shad, Gizzard	84,998	\$2,550	66,808	\$2,672	82,963	\$4,148
Shad, Hickory	37,189	\$8,046	55,012	\$10,677	173,927	\$39,695
Sharks	348,717	\$170,201	835,415	\$373,881	1,175,544	\$610,086
Sharks, Dogfishes	788,449	\$221,379	621,821	\$180,262	666,443	\$187,148
Shellfish, Other	630,583	\$1,908,391	1,150,167	\$1,320,628	1,616,784	\$848,900
Shrimp, Brown	3,110,266	\$4,896,325	1,944,380	\$3,331,938	1,523,028	\$2,559,206
Shrimp, Pink	84,168	\$148,452	65,232	\$135,004	43,489	\$99,351
Shrimp, Unclassified	2,913	\$16,904	44,508	\$104,515	10,830	\$28,346
Shrimp, White	6,339,883	\$12,843,654	3,682,529	\$5,569,978	780,169	\$1,722,220
Snappers	550,617	\$1,601,228	345,071	\$953,292	432,829	\$1,116,056
Spadefish	19,567	\$6,939	19,623	\$6,851	35,445	\$9,059
Spot	879,091	\$612,679	1,364,743	\$998,047	1,714,597	\$905,072
Striped Bass	576,157	\$1,238,523	281,736	\$680,902	864,289	\$1,673,068
Swordfish	645,396	\$1,769,054	615,877	\$1,500,495	609,200	\$1,508,598
Tilefishes	58,218	\$87,888	138,090	\$186,677	44,014	\$52,576
Triggerfish	155,261	\$186,141	126,354	\$146,634	145,639	\$162,533
Tunas	1,852,257	\$4,066,942	1,991,550	\$4,070,818	1,282,284	\$3,328,019
Wahoo	24,306	\$55,644	16,426	\$37,879	14,980	\$32,814
Weakfish	175,593	\$149,206	363,086	\$310,706	421,984	\$357,271

\*\*\* indicates confidential data; confidential data has been added to "Finfish, Other" and "Shellfish, Other" landings, where applicable

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	2004		2003		2002	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	106,507	\$63,415	135,991	\$84,218	120,644	\$69,982
Blue Crabs, Hard	32,592,768	\$20,248,333	41,644,612	\$32,904,677	36,461,890	\$29,349,251
Blue Crabs, Peeler	982,874	\$1,678,928	693,294	\$1,815,304	718,897	\$1,465,913
Blue Crabs, Soft	554,966	\$2,538,582	431,891	\$2,388,111	555,532	\$2,333,268
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	3,762,944	\$849,302	3,470,100	\$767,566	2,323,964	\$776,570
Catfishes	414,694	\$100,507	385,888	\$99,695	367,665	\$95,257
Clams, Hard	542,935	\$3,357,124	533,027	\$3,339,172	619,721	\$3,505,642
Croaker, Atlantic	11,993,003	\$3,527,983	14,429,197	\$2,923,946	10,189,153	\$3,233,402
Dolphinfish	255,805	\$452,590	186,262	\$329,370	168,429	\$243,510
Drum, Red	54,086	\$69,753	90,525	\$105,671	81,370	\$89,199
Eel, American	128,875	\$270,986	172,065	\$267,300	59,940	\$83,517
Finfish, Other	856,324	\$409,709	769,388	\$379,342	1,239,024	\$527,054
Flounder, Southern	2,454,577	\$3,880,410	2,198,503	\$3,661,597	3,436,753	\$5,165,017
Flounder, Summer	4,844,126	\$7,619,934	3,572,448	\$6,009,296	4,129,119	\$6,106,076
Goosefish	386,821	\$372,198	335,338	\$314,344	278,608	\$232,940
Groupers	584,916	\$1,391,452	651,949	\$1,535,714	699,579	\$1,584,584
Herring, River	188,541	\$80,694	199,716	\$88,862	174,830	\$65,712
Herring, Thread	0	\$0	***	\$0	2,889,740	\$231,179
Hog Snapper	8,902	\$18,811	9,135	\$19,263	10,637	\$20,309
Kingfishes	567,659	\$492,452	652,636	\$644,920	619,737	\$603,854
Mackerel, King	955,002	\$1,572,583	764,831	\$1,214,205	778,427	\$1,177,216
Mackerel, Spanish	456,242	\$526,015	456,784	\$418,064	698,448	\$617,860
Menhaden, Atlantic	50,577,983	\$4,532,534	48,936,502	\$3,943,814	69,190,596	\$5,045,407
Mullet, Striped	1,598,617	\$721,855	1,629,314	\$779,570	2,596,304	\$1,251,676
Oysters	367,961	\$1,551,870	261,043	\$1,017,887	243,775	\$991,004
Perch, White	218,067	\$122,661	498,133	\$292,690	280,860	\$161,260
Perch, Yellow	39,785	\$37,976	98,783	\$98,534	78,828	\$76,482
Porgies	37,268	\$42,253	40,626	\$45,088	64,219	\$62,411
Scallop, Bay	***	***	14,194	\$48,628	19,219	\$68,365
Scup	523,554	\$332,019	143,004	\$75,453	***	***
Sea Basses	881,360	\$1,486,300	850,550	\$1,416,659	592,260	\$878,251
Seatrout, Spotted	130,961	\$172,033	181,462	\$243,394	175,555	\$213,668
Shad, American	270,245	\$180,304	395,251	\$251,532	274,657	\$174,142
Shad, Gizzard	96,060	\$2,409	152,010	\$16,542	227,459	\$9,298
Shad, Hickory	187,463	\$32,329	68,938	\$18,543	51,158	\$8,286
Sharks	1,079,817	\$583,701	1,274,163	\$665,837	1,707,186	\$869,823
Sharks, Dogfishes	1,146,273	\$185,935	373,078	\$110,487	341,722	\$101,358
Shellfish, Other	2,803,193	\$1,962,920	1,005,985	\$917,639	648,484	\$1,402,518
Shrimp, Brown	2,749,009	\$5,301,307	4,828,513	\$8,210,280	6,029,219	\$10,905,493
Shrimp, Pink	143,954	\$308,718	219,010	\$459,906	879,894	\$1,503,822
Shrimp, Unclassified	64,393	\$157,620	19,720	\$57,021	545,562	\$1,061,263
Shrimp, White	1,923,460	\$3,695,206	1,100,128	\$2,211,871	2,514,342	\$4,894,187
Snappers	339,453	\$873,299	269,230	\$687,027	490,591	\$1,186,998
Spadefish	44,521	\$10,284	28,519	\$3,775	38,400	\$7,757
Spot	2,317,169	\$1,068,031	2,043,387	\$910,301	2,184,032	\$931,528
Striped Bass	911,399	\$1,160,540	565,919	\$717,981	701,459	\$855,457
Swordfish	604,095	\$1,508,281	630,874	\$1,799,063	480,948	\$935,892
Tilefishes	78,126	\$134,695	87,102	\$96,556	220,331	\$221,262
Triggerfish	136,211	\$147,096	117,396	\$123,681	90,934	\$84,599
Tunas	1,436,789	\$3,331,817	941,051	\$2,007,154	1,015,421	\$2,169,542
Wahoo	22,006	\$50,026	17,222	\$42,380	19,952	\$38,298
Weakfish	685,463	\$488,894	848,822	\$532,904	1,828,150	\$1,051,137

\*\*\* indicates confidential data; confidential data has been added to "Finfish, Other" and "Shellfish, Other" landings, where applicable

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	2001		2000		1999	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	121,966	\$64,071	127,116	\$82,065	129,245	\$78,239
Blue Crabs, Hard	29,938,481	\$25,078,253	38,889,273	\$32,154,369	56,093,278	\$33,525,753
Blue Crabs, Peeler	1,319,171	\$3,081,276	998,971	\$1,946,369	942,150	\$2,111,690
Blue Crabs, Soft	921,693	\$4,070,990	750,140	\$3,336,990	510,415	\$2,174,350
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	4,066,000	\$1,091,020	3,368,610	\$1,104,129	2,761,084	\$877,734
Catfishes	564,183	\$153,609	879,447	\$268,895	731,283	\$206,169
Clams, Hard	763,573	\$5,007,241	675,814	\$4,680,245	576,836	\$3,773,580
Croaker, Atlantic	12,017,424	\$3,080,205	10,122,627	\$2,986,816	10,185,507	\$3,119,799
Dolphinfish	160,546	\$220,795	197,259	\$306,688	209,488	\$343,808
Drum, Red	149,616	\$170,548	270,953	\$294,871	372,942	\$398,282
Eel, American	107,070	\$122,416	127,099	\$176,576	99,939	\$134,085
Finfish, Other	1,011,094	\$538,498	1,291,414	\$588,722	1,595,900	\$453,816
Flounder, Southern	3,522,136	\$5,690,481	3,205,792	\$5,660,767	2,933,331	\$5,154,205
Flounder, Summer	2,784,741	\$4,451,356	3,386,578	\$5,991,402	2,869,055	\$5,011,482
Goosefish	208,413	\$232,017	745,164	\$966,739	599,538	\$654,846
Groupers	558,626	\$1,255,386	636,942	\$1,420,414	758,068	\$1,629,812
Herring, River	306,761	\$118,546	332,336	\$126,685	443,494	\$180,874
Herring, Thread	0	\$0	707,541	\$42,452	***	***
Hog Snapper	8,203	\$15,666	7,727	\$14,852	12,405	\$21,712
Kingfishes	489,743	\$501,999	551,940	\$520,965	607,465	\$621,078
Mackerel, King	839,107	\$1,353,511	1,045,554	\$1,655,894	1,082,693	\$1,695,944
Mackerel, Spanish	653,673	\$524,263	659,426	\$499,446	459,100	\$265,834
Menhaden, Atlantic	56,012,396	\$4,551,445	56,280,112	\$3,495,744	42,799,080	\$2,680,633
Mullet, Striped	2,317,655	\$1,181,912	2,829,086	\$1,602,702	1,460,850	\$838,924
Oysters	258,086	\$1,068,352	203,427	\$804,212	216,831	\$922,797
Perch, White	244,817	\$159,075	202,192	\$139,704	353,246	\$263,296
Perch, Yellow	90,527	\$87,596	94,085	\$98,297	113,545	\$102,646
Porgies	56,415	\$62,303	23,727	\$24,753	77,137	\$92,189
Scallop, Bay	2,517	\$10,423	21,029	\$78,554	29,651	\$102,998
Scup	0	\$0	0	\$0	***	***
Sea Basses	644,840	\$1,063,189	567,385	\$973,041	613,577	\$1,078,908
Seatrout, Spotted	105,714	\$134,848	376,574	\$467,122	546,675	\$670,460
Shad, American	151,075	\$94,373	297,990	\$213,010	131,617	\$108,145
Shad, Gizzard	245,261	\$12,263	287,453	\$20,122	205,656	\$13,097
Shad, Hickory	172,236	\$52,166	92,564	\$14,502	112,140	\$20,769
Sharks	1,139,068	\$520,162	1,460,709	\$548,830	1,666,655	\$704,666
Sharks, Dogfishes	510,756	\$125,925	3,885,221	\$678,308	4,224,232	\$619,912
Shellfish, Other	661,037	\$1,828,824	286,239	\$314,996	274,933	\$199,972
Shrimp, Brown	3,923,540	\$8,830,577	6,489,495	\$16,000,250	1,672,959	\$4,323,442
Shrimp, Pink	211,858	\$449,929	161,422	\$383,245	10,060	\$11,294
Shrimp, Unclassified	255,580	\$653,514	469,137	\$956,056	3,661,887	\$7,947,452
Shrimp, White	863,153	\$1,976,927	3,214,862	\$8,066,365	3,659,302	\$9,812,191
Snappers	523,742	\$1,219,289	510,897	\$1,281,042	441,783	\$1,067,328
Spadefish	41,994	\$11,579	46,235	\$12,888	34,320	\$9,536
Spot	3,093,872	\$1,278,327	2,829,818	\$1,172,231	2,262,175	\$1,001,980
Striped Bass	626,052	\$773,102	407,440	\$471,837	588,311	\$724,844
Swordfish	596,178	\$1,313,372	414,801	\$937,555	611,029	\$1,044,237
Tilefishes	106,674	\$99,198	85,467	\$98,130	76,697	\$67,734
Triggerfish	87,628	\$82,532	88,277	\$84,106	150,387	\$110,496
Tunas	1,729,572	\$2,599,881	1,727,787	\$3,414,429	1,126,551	\$1,257,270
Wahoo	20,503	\$41,714	19,905	\$46,475	28,963	\$58,314
Weakfish	1,960,324	\$1,037,169	1,869,042	\$1,089,958	2,617,580	\$1,390,987

\*\*\* indicates confidential data; confidential data has been added to "Finfish, Other" and "Shellfish, Other" landings, where applicable

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	1998		1997		1996	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	101,739	\$60,263	178,310	\$107,052	139,669	\$63,942
Blue Crabs, Hard	60,402,332	\$40,466,879	54,353,545	\$33,165,872	65,682,500	\$39,873,553
Blue Crabs, Peeler	976,097	\$1,932,820	1,022,668	\$1,768,855	878,382	\$1,280,991
Blue Crabs, Soft	697,741	\$2,559,941	713,896	\$2,751,311	519,318	\$1,887,890
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	2,925,929	\$763,583	4,003,160	\$1,166,023	3,298,640	\$861,547
Catfishes	910,154	\$230,009	1,031,144	\$282,601	802,420	\$238,016
Clams, Hard	689,510	\$4,559,846	696,295	\$4,878,022	619,837	\$4,380,620
Croaker, Atlantic	10,865,897	\$3,449,817	10,711,667	\$4,116,446	9,961,834	\$3,642,602
Dolphinfish	149,990	\$238,611	229,791	\$347,270	128,586	\$215,423
Drum, Red	294,366	\$288,397	52,502	\$56,939	113,338	\$112,881
Eel, American	91,084	\$231,505	128,668	\$327,032	141,592	\$247,786
Finfish, Other	1,468,811	\$489,518	2,391,193	\$809,055	2,516,988	\$770,766
Flounder, Southern	3,952,729	\$7,118,989	4,076,793	\$7,981,377	3,807,009	\$7,235,817
Flounder, Summer	2,983,107	\$5,418,829	1,501,171	\$2,828,186	4,227,052	\$6,784,624
Goosefish	686,715	\$478,014	704,036	\$446,669	535,092	\$432,712
Groupers	745,665	\$1,647,973	719,550	\$1,547,970	651,105	\$1,350,817
Herring, River	521,930	\$202,437	334,809	\$128,988	529,503	\$132,389
Herring, Thread	6,586,500	\$559,853	13,278,060	\$1,195,025	6,271,870	\$439,031
Hog Snapper	12,037	\$22,166	14,010	\$26,297	13,841	\$23,864
Kingfishes	399,313	\$414,315	872,888	\$864,030	528,260	\$470,545
Mackerel, King	1,143,342	\$1,749,357	1,558,439	\$2,375,084	793,467	\$1,271,783
Mackerel, Spanish	372,415	\$261,973	766,958	\$474,882	401,839	\$204,507
Menhaden, Atlantic	57,976,455	\$4,121,667	97,727,057	\$8,794,202	53,850,943	\$4,858,471
Mullet, Striped	2,218,108	\$1,061,430	2,442,657	\$1,777,617	1,756,863	\$1,091,892
Oysters	224,214	\$925,559	218,970	\$888,963	210,931	\$793,123
Perch, White	142,672	\$116,945	123,040	\$97,913	172,879	\$124,218
Perch, Yellow	79,313	\$70,303	76,740	\$66,146	53,828	\$42,360
Porgies	183,885	\$240,149	188,885	\$239,501	237,310	\$265,183
Scallop, Bay	102,819	\$289,184	54,606	\$183,173	27,388	\$105,716
Scup	14,885	\$8,140	1,365	\$761	58,861	\$19,824
Sea Basses	743,243	\$1,099,982	766,841	\$1,124,023	778,349	\$998,132
Seatrout, Spotted	307,671	\$380,724	232,497	\$283,425	226,580	\$252,404
Shad, American	327,556	\$233,761	219,526	\$149,203	199,638	\$172,104
Shad, Gizzard	230,094	\$18,746	253,667	\$16,657	410,963	\$26,546
Shad, Hickory	93,504	\$18,312	138,228	\$17,405	187,887	\$40,326
Sharks	1,167,236	\$409,568	1,487,669	\$512,328	1,871,203	\$771,563
Sharks, Dogfishes	5,451,610	\$744,243	8,135,923	\$1,083,374	13,673,758	\$2,228,922
Shellfish, Other	1,095,343	\$812,460	1,002,858	\$852,327	541,970	\$1,037,903
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	4,635,189	\$10,855,296	6,988,243	\$18,204,266	5,261,137	\$13,365,295
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	352,020	\$851,508	366,482	\$872,983	350,206	\$763,999
Spadefish	38,994	\$13,369	57,384	\$13,321	55,890	\$13,497
Spot	2,396,979	\$1,001,659	2,627,925	\$1,155,343	2,290,000	\$866,053
Striped Bass	422,869	\$520,039	587,786	\$711,091	181,600	\$220,945
Swordfish	265,064	\$666,673	176,266	\$458,988	194,862	\$484,105
Tilefishes	67,770	\$89,593	149,402	\$177,223	158,586	\$229,734
Triggerfish	274,641	\$201,113	342,134	\$257,514	277,741	\$210,942
Tunas	1,064,415	\$1,376,822	1,277,938	\$1,490,572	1,526,784	\$2,268,042
Wahoo	22,600	\$47,861	20,628	\$45,190	26,675	\$53,364
Weakfish	3,354,008	\$1,698,336	3,561,060	\$1,869,620	3,977,633	\$2,304,415

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	1995		1994		1993	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	171,510	\$85,764	151,984	\$74,522	129,011	\$52,669
Blue Crabs, Hard	45,033,656	\$33,053,869	52,260,168	\$26,896,282	42,867,109	\$14,262,152
Blue Crabs, Peeler	724,442	\$1,052,607	642,238	\$771,697	0	\$0
Blue Crabs, Soft	685,555	\$2,132,875	610,717	\$1,931,975	0	\$0
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	805,623	\$1,515,569
Bluefish	3,010,742	\$1,078,917	1,782,345	\$542,228	2,705,278	\$661,515
Catfishes	877,715	\$230,201	1,276,359	\$284,725	1,364,430	\$276,573
Clams, Hard	702,654	\$4,628,830	690,794	\$3,582,049	741,248	\$3,922,932
Croaker, Atlantic	6,021,284	\$2,002,297	4,615,754	\$1,451,056	3,267,652	\$990,961
Dolphinfish	354,188	\$573,863	160,742	\$243,740	149,043	\$195,528
Drum, Red	248,122	\$223,310	142,169	\$102,362	238,099	\$203,955
Eel, American	173,698	\$366,503	95,991	\$175,664	32,711	\$61,081
Finfish, Other	2,666,992	\$854,888	2,674,615	\$602,555	2,416,216	\$651,639
Flounder, Southern	4,166,966	\$7,611,412	4,878,615	\$8,044,852	4,272,368	\$5,596,669
Flounder, Summer	4,582,176	\$8,190,341	3,592,781	\$5,852,930	3,120,901	\$3,872,667
Goosefish	535,887	\$421,834	336,759	\$204,536	80,881	\$52,147
Groupers	773,372	\$1,529,751	775,425	\$1,569,878	724,852	\$1,368,289
Herring, River	453,984	\$134,934	644,334	\$100,999	916,235	\$67,494
Herring, Thread	6,391,228	\$447,386	7,252,434	\$362,803	6,558,702	\$239,326
Hog Snapper	33,507	\$55,964	19,133	\$33,393	21,404	\$27,540
Kingfishes	1,058,785	\$746,603	620,841	\$424,307	1,194,224	\$701,314
Mackerel, King	1,013,319	\$1,589,704	849,909	\$1,267,066	887,810	\$1,358,915
Mackerel, Spanish	402,392	\$216,116	531,371	\$247,003	589,868	\$252,157
Menhaden, Atlantic	58,374,081	\$3,560,953	73,853,901	\$3,178,605	64,711,384	\$1,954,299
Mullet, Striped	2,298,446	\$1,944,319	1,726,242	\$1,058,691	3,063,853	\$1,942,472
Oysters	220,661	\$815,070	183,704	\$632,634	223,993	\$843,617
Perch, White	111,366	\$75,348	213,337	\$166,773	180,294	\$145,507
Perch, Yellow	61,872	\$40,837	67,978	\$55,063	48,578	\$37,408
Porgies	249,062	\$263,535	250,377	\$256,417	265,691	\$231,771
Scallop, Bay	173,796	\$345,447	63,954	\$120,054	152,504	\$365,274
Scup	24,047	\$9,865	306,048	\$114,726	88,702	\$43,892
Sea Basses	493,702	\$597,057	706,111	\$772,545	737,950	\$953,000
Seatrout, Spotted	574,296	\$634,061	412,358	\$492,461	449,886	\$525,840
Shad, American	205,867	\$188,541	110,975	\$95,703	178,790	\$149,739
Shad, Gizzard	317,540	\$19,052	229,310	\$11,466	70,117	\$3,456
Shad, Hickory	67,569	\$19,301	57,543	\$17,263	75,375	\$25,023
Sharks	2,727,300	\$1,146,157	3,147,137	\$1,490,036	2,321,177	\$639,797
Sharks, Dogfishes	9,357,602	\$1,553,086	9,877,658	\$1,013,669	8,806,064	\$735,603
Shellfish, Other	919,113	\$1,363,821	769,285	\$1,015,814	768,881	\$443,196
Shrimp, Brown	0	\$0	0	\$0	3,672,780	\$7,267,558
Shrimp, Pink	0	\$0	0	\$0	1,382,650	\$2,367,160
Shrimp, Unclassified	8,669,030	\$20,318,227	7,284,793	\$18,992,486	2,154	\$4,611
Shrimp, White	0	\$0	0	\$0	1,721,178	\$3,951,131
Snappers	403,499	\$931,144	450,221	\$1,012,178	435,277	\$967,485
Spadefish	40,873	\$8,175	23,347	\$3,969	23,564	\$4,710
Spot	3,006,845	\$932,122	2,937,311	\$980,536	2,672,164	\$749,339
Striped Bass	446,789	\$606,529	261,900	\$353,565	262,447	\$330,351
Swordfish	171,299	\$517,858	96,677	\$292,410	27,144	\$95,941
Tilefishes	160,860	\$228,295	231,584	\$335,292	217,781	\$281,584
Triggerfish	304,540	\$216,211	271,503	\$187,337	190,672	\$144,095
Tunas	2,148,910	\$3,555,023	1,263,343	\$1,894,566	529,391	\$785,293
Wahoo	40,731	\$84,675	20,319	\$41,718	24,121	\$42,402
Weakfish	4,113,260	\$2,165,276	3,489,929	\$1,917,948	4,309,249	\$2,241,146

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	1992		1991		1990	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	107,328	\$38,487	124,820	\$41,609	85,264	\$29,922
Blue Crabs, Hard	40,507,415	\$12,836,836	41,074,063	\$9,154,358	36,985,206	\$9,156,390
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	560,959	\$996,904	755,613	\$1,389,140	1,085,122	\$2,136,942
Bluefish	2,839,057	\$550,619	3,919,786	\$643,997	4,578,172	\$738,993
Catfishes	1,466,594	\$283,419	1,351,189	\$272,081	986,429	\$203,026
Clams, Hard	722,235	\$3,853,005	984,410	\$5,235,182	1,354,842	\$6,584,756
Croaker, Atlantic	2,796,612	\$1,010,646	3,436,960	\$1,518,888	5,769,512	\$2,959,259
Dolphinfish	72,119	\$89,179	140,837	\$146,823	96,207	\$103,362
Drum, Red	128,497	\$86,859	96,045	\$56,989	183,216	\$106,450
Eel, American	17,739	\$32,388	12,082	\$2,903	56,494	\$64,048
Finfish, Other	2,919,029	\$622,644	5,286,995	\$1,041,613	7,736,485	\$1,188,879
Flounder, Southern	3,145,020	\$4,026,402	4,163,374	\$4,978,710	2,560,459	\$4,105,161
Flounder, Summer	2,613,003	\$3,505,193	3,630,629	\$4,456,810	2,829,105	\$4,490,873
Goosefish	36,656	\$25,270	143,589	\$106,102	135,882	\$76,157
Groupers	761,909	\$1,365,580	609,520	\$1,009,066	798,613	\$1,297,609
Herring, River	1,723,178	\$172,453	1,575,378	\$118,272	1,157,625	\$174,259
Herring, Thread	3,955,739	\$136,286	3,796,220	\$119,472	5,574,400	\$171,591
Hog Snapper	24,186	\$29,528	19,426	\$23,621	24,216	\$29,017
Kingfishes	851,708	\$464,525	864,651	\$439,283	738,612	\$412,824
Mackerel, King	1,034,694	\$1,552,953	1,102,862	\$1,263,235	1,130,805	\$1,271,936
Mackerel, Spanish	738,362	\$302,887	858,808	\$309,143	838,914	\$317,880
Menhaden, Atlantic	57,515,712	\$1,744,030	110,528,754	\$3,002,829	72,231,989	\$1,820,654
Mullet, Striped	1,820,494	\$1,171,094	1,467,448	\$823,424	2,994,604	\$1,861,881
Oysters	293,956	\$1,172,397	319,040	\$1,229,293	328,850	\$1,160,171
Perch, White	165,141	\$156,533	119,445	\$99,365	155,544	\$141,835
Perch, Yellow	28,929	\$20,029	42,982	\$26,999	61,795	\$37,076
Porgies	338,695	\$287,201	357,046	\$307,472	582,722	\$545,189
Scallop, Bay	21,721	\$54,124	44,545	\$99,661	62,018	\$127,545
Scup	174,397	\$54,005	127,427	\$45,579	103,124	\$81,892
Sea Basses	792,875	\$1,053,519	707,781	\$1,101,723	1,035,697	\$1,366,464
Seatrout, Spotted	526,271	\$563,136	660,662	\$545,164	250,634	\$225,553
Shad, American	239,162	\$194,629	276,507	\$201,880	313,550	\$170,161
Shad, Gizzard	11,795	\$700	12,048	\$836	18,405	\$987
Shad, Hickory	18,603	\$4,919	16,466	\$10,425	11,478	\$1,575
Sharks	1,272,213	\$272,749	609,873	\$191,732	903,459	\$498,589
Sharks, Dogfishes	8,634,923	\$691,163	1,463,221	\$122,862	41,446	\$3,799
Shellfish, Other	737,769	\$1,893,036	1,081,199	\$2,452,365	2,193,659	\$4,298,901
Shrimp, Brown	2,639,281	\$5,755,336	6,772,054	\$11,822,329	5,148,317	\$10,969,703
Shrimp, Pink	1,983,357	\$3,267,003	2,547,992	\$4,114,150	1,504,081	\$2,367,414
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	873,173	\$1,836,774	1,410,995	\$2,642,426	1,149,207	\$2,501,476
Snappers	335,167	\$759,267	594,111	\$1,162,881	626,857	\$1,239,569
Spadefish	19,288	\$3,232	25,096	\$3,543	16,456	\$2,386
Spot	2,826,138	\$642,491	3,047,305	\$708,356	3,455,460	\$801,181
Striped Bass	161,009	\$204,434	122,816	\$175,822	113,939	\$159,630
Swordfish	60,810	\$238,273	48,075	\$169,227	112,465	\$312,514
Tilefishes	360,740	\$441,907	247,084	\$281,754	165,744	\$187,830
Triggerfish	135,190	\$94,100	133,107	\$66,172	82,039	\$49,375
Tunas	544,039	\$959,187	583,545	\$719,899	804,938	\$886,550
Wahoo	14,383	\$23,954	18,620	\$30,155	16,653	\$26,050
Weakfish	4,862,551	\$2,483,359	5,308,647	\$2,302,086	5,802,159	\$3,227,006

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	1989		1988		1987	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	63,498	\$19,970	56,983	\$12,487	33,683	\$6,551
Blue Crabs, Hard	33,935,992	\$8,790,304	35,136,232	\$10,211,661	31,760,413	\$7,345,210
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	788,681	\$1,567,298	468,191	\$921,403	663,191	\$2,263,437
Bluefish	3,291,468	\$587,992	5,039,039	\$683,232	4,561,101	\$818,046
Catfishes	815,657	\$151,061	1,128,613	\$163,753	1,234,525	\$199,981
Clams, Hard	1,294,628	\$8,388,051	939,976	\$6,178,117	1,207,400	\$7,822,801
Croaker, Atlantic	6,824,088	\$3,380,041	8,434,415	\$3,542,549	7,289,191	\$2,956,025
Dolphinfish	98,899	\$117,260	56,098	\$67,622	70,516	\$83,873
Drum, Red	274,356	\$173,755	220,271	\$125,289	249,657	\$148,205
Eel, American	152,565	\$254,815	57,369	\$86,532	127,964	\$220,626
Finfish, Other	6,852,169	\$859,180	10,069,403	\$684,006	7,910,177	\$668,534
Flounder, Southern	3,225,955	\$5,267,360	3,314,027	\$3,584,908	2,621,651	\$3,238,358
Flounder, Summer	4,329,403	\$5,707,719	6,951,749	\$7,152,183	5,362,322	\$6,251,598
Goosefish	126,091	\$78,026	245,995	\$161,861	123,714	\$94,901
Groupers	780,911	\$1,247,069	776,314	\$1,192,552	792,144	\$1,182,559
Herring, River	1,491,077	\$183,842	4,191,211	\$502,166	3,194,975	\$368,062
Herring, Thread	0	\$0	1,238,830	\$47,724	922,670	\$26,017
Hog Snapper	9,581	\$12,200	7,243	\$9,214	5,350	\$7,264
Kingfishes	562,424	\$334,358	503,949	\$223,357	959,928	\$426,366
Mackerel, King	720,401	\$928,266	886,344	\$1,089,656	1,348,502	\$1,279,793
Mackerel, Spanish	589,383	\$214,563	438,222	\$140,815	504,063	\$145,141
Menhaden, Atlantic	66,756,288	\$1,808,906	73,715,713	\$2,566,832	55,498,571	\$1,624,511
Mullet, Striped	2,062,147	\$1,637,650	3,060,829	\$1,634,408	2,590,360	\$654,536
Oysters	529,858	\$1,575,634	913,100	\$2,162,931	1,425,584	\$2,875,406
Perch, White	295,095	\$233,886	587,228	\$264,471	791,764	\$427,934
Perch, Yellow	64,213	\$35,827	33,506	\$12,486	42,929	\$15,067
Porgies	384,519	\$347,173	377,192	\$339,921	313,705	\$290,173
Scallop, Bay	84,474	\$214,136	38,923	\$73,179	154,568	\$500,068
Scup	18,231	\$11,075	125,817	\$60,999	252,731	\$189,273
Sea Basses	996,352	\$1,174,020	1,229,440	\$1,268,695	535,814	\$540,320
Seatrout, Spotted	451,909	\$435,504	296,538	\$247,852	315,380	\$261,455
Shad, American	323,396	\$214,896	283,050	\$171,962	327,646	\$215,115
Shad, Gizzard	15,067	\$754	133,926	\$6,693	315,916	\$15,370
Shad, Hickory	18,510	\$4,254	92,922	\$28,919	45,341	\$10,204
Sharks	1,031,532	\$502,049	329,538	\$84,879	264,301	\$68,401
Sharks, Dogfishes	0	\$0	301,768	\$36,208	0	\$0
Shellfish, Other	2,312,438	\$4,352,142	3,254,928	\$7,479,993	2,743,368	\$7,045,964
Shrimp, Brown	5,080,971	\$9,105,939	5,315,539	\$11,894,700	1,104,847	\$2,542,505
Shrimp, Pink	3,146,334	\$5,149,390	2,711,655	\$4,386,117	3,018,230	\$4,985,217
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	695,502	\$1,364,976	83,583	\$205,225	290,001	\$627,826
Snappers	587,532	\$1,226,085	489,529	\$969,503	402,695	\$804,920
Spadefish	22,953	\$2,871	19,801	\$2,115	21,530	\$2,532
Spot	3,254,473	\$787,150	3,080,258	\$682,260	2,806,041	\$648,742
Striped Bass	100,830	\$101,002	115,915	\$116,776	262,221	\$262,542
Swordfish	64,434	\$277,606	36,972	\$135,437	34,964	\$129,619
Tilefishes	115,083	\$164,178	131,165	\$162,504	84,706	\$72,181
Triggerfish	40,372	\$25,025	51,340	\$27,008	49,831	\$19,817
Tunas	392,071	\$575,021	610,866	\$705,020	789,549	\$878,355
Wahoo	9,921	\$15,929	19,783	\$28,099	15,827	\$22,721
Weakfish	10,115,747	\$4,351,399	15,091,878	\$5,220,475	11,882,362	\$4,423,164

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	1986		1985		1984	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	40,676	\$7,170	11,403	\$2,295	3,477	\$791
Blue Crabs, Hard	23,159,779	\$5,429,534	29,329,547	\$6,089,982	32,490,769	\$6,664,731
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	595,468	\$684,822	326,978	\$350,373	199,771	\$276,302
Bluefish	3,450,230	\$477,273	3,604,445	\$576,234	3,559,997	\$557,672
Catfishes	1,198,213	\$190,483	1,297,728	\$261,774	1,394,307	\$253,331
Clams, Hard	1,356,316	\$7,522,393	1,393,294	\$5,653,779	1,387,864	\$5,506,233
Croaker, Atlantic	9,424,828	\$3,088,174	8,714,432	\$2,946,914	9,170,775	\$3,027,261
Dolphinfish	35,923	\$40,438	42,348	\$44,805	47,144	\$41,162
Drum, Red	249,076	\$106,808	152,676	\$50,384	283,020	\$82,458
Eel, American	338,377	\$355,747	224,263	\$165,834	706,298	\$483,051
Finfish, Other	9,305,126	\$826,031	9,649,332	\$679,022	11,763,851	\$782,355
Flounder, Southern	2,613,970	\$2,650,535	1,960,200	\$1,661,321	2,294,059	\$1,689,008
Flounder, Summer	6,231,310	\$6,700,683	8,968,385	\$7,877,020	12,792,430	\$7,349,308
Goosefish	183,126	\$100,670	340,988	\$127,968	195,428	\$69,479
Groupers	770,532	\$1,142,209	724,599	\$958,733	910,907	\$1,075,403
Herring, River	6,814,323	\$647,293	11,548,278	\$845,906	6,516,109	\$596,428
Herring, Thread	134,890	\$2,313	3,364,773	\$110,048	3,358,710	\$104,118
Hog Snapper	5,052	\$5,732	4,683	\$5,729	2,219	\$2,107
Kingfishes	993,390	\$391,492	632,440	\$241,653	464,351	\$174,597
Mackerel, King	1,006,128	\$929,705	833,357	\$896,959	757,598	\$658,613
Mackerel, Spanish	232,197	\$81,184	173,186	\$67,127	127,467	\$42,043
Menhaden, Atlantic	66,377,931	\$1,590,955	97,738,403	\$2,330,061	157,667,480	\$4,745,831
Mullet, Striped	1,932,190	\$425,586	1,486,583	\$310,804	1,688,522	\$323,123
Oysters	745,548	\$1,452,056	545,439	\$1,037,153	724,557	\$1,207,277
Perch, White	672,153	\$325,532	701,278	\$376,791	440,774	\$189,347
Perch, Yellow	26,047	\$7,754	49,383	\$13,214	19,505	\$4,944
Porgies	459,509	\$426,969	1,030,442	\$733,396	1,561,644	\$854,968
Scallop, Bay	306,176	\$837,722	455,649	\$1,072,296	383,625	\$876,122
Scup	367,019	\$172,936	351	\$134	0	\$0
Sea Basses	1,097,887	\$975,210	1,218,762	\$1,002,066	990,089	\$740,632
Seatrout, Spotted	191,514	\$146,254	109,048	\$93,076	152,934	\$123,686
Shad, American	373,794	\$228,819	329,639	\$152,547	584,843	\$241,009
Shad, Gizzard	555,493	\$26,239	160,147	\$5,034	120,808	\$6,448
Shad, Hickory	20,822	\$3,899	42,121	\$8,898	59,698	\$13,300
Sharks	131,534	\$31,992	123,666	\$30,294	202,952	\$53,203
Sharks, Dogfishes	0	\$0	1,029	\$489	0	\$0
Shellfish, Other	2,184,348	\$4,216,993	815,024	\$277,929	1,100,827	\$1,042,384
Shrimp, Brown	4,118,661	\$10,085,043	10,377,162	\$18,845,277	3,662,603	\$7,648,310
Shrimp, Pink	1,904,050	\$3,532,093	1,254,851	\$2,189,280	1,277,111	\$2,549,688
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	112,063	\$286,863	44,666	\$90,365	97,035	\$277,667
Snappers	568,621	\$1,121,119	511,347	\$963,869	434,042	\$824,785
Spadefish	19,293	\$2,183	49,149	\$5,144	15,736	\$1,768
Spot	3,354,191	\$772,495	4,043,843	\$874,490	3,481,920	\$813,587
Striped Bass	188,992	\$189,859	279,940	\$229,586	512,896	\$452,002
Swordfish	94,005	\$324,097	77,729	\$224,722	132,302	\$419,142
Tilefishes	87,111	\$104,609	81,185	\$65,846	142,675	\$101,305
Triggerfish	39,794	\$12,018	29,831	\$8,597	33,278	\$9,040
Tunas	498,563	\$347,058	185,162	\$135,418	255,142	\$202,445
Wahoo	6,014	\$7,742	9,426	\$9,175	8,716	\$7,640
Weakfish	14,309,372	\$4,196,065	9,825,498	\$3,893,055	12,990,726	\$4,096,964

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	1971		1970		1969	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	14,475,500	\$1,127,829	20,880,200	\$1,237,567	22,159,300	\$2,125,500
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	48,900	\$25,414	59,800	\$23,246	93,400	\$42,224
Bluefish	578,000	\$59,072	495,500	\$41,825	871,100	\$95,703
Catfishes	2,029,800	\$283,942	1,996,400	\$286,510	1,854,000	\$266,949
Clams, Hard	253,300	\$147,593	281,900	\$157,208	252,300	\$140,690
Croaker, Atlantic	948,200	\$53,605	806,800	\$37,875	1,368,700	\$62,089
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	17,200	\$1,718	7,500	\$648	3,900	\$330
Eel, American	167,200	\$26,628	15,500	\$1,516	17,600	\$791
Finfish, Other	2,961,300	\$95,822	2,656,235	\$67,516	2,080,900	\$59,682
Flounder, Southern	352,300	\$105,583	522,300	\$138,048	641,900	\$186,286
Flounder, Summer	3,658,600	\$1,012,840	2,640,500	\$641,676	2,124,300	\$519,862
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	14,000	\$2,520	0	\$0	400	\$63
Herring, River	12,721,900	\$203,122	11,521,400	\$193,756	19,761,700	\$303,717
Herring, Thread	6,281,900	\$107,646	5,161,000	\$83,970	4,442,100	\$60,442
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	478,200	\$55,785	563,000	\$74,217	842,700	\$99,878
Mackerel, King	8,900	\$2,228	12,300	\$2,965	16,100	\$3,586
Mackerel, Spanish	95,200	\$14,032	63,300	\$8,520	88,600	\$11,803
Menhaden, Atlantic	79,488,200	\$1,116,093	108,235,200	\$1,570,489	145,235,000	\$2,227,738
Mullet, Striped	713,000	\$50,049	1,123,000	\$59,230	1,090,100	\$81,785
Oysters	423,400	\$288,784	382,500	\$269,119	370,300	\$259,551
Perch, White	366,600	\$45,126	211,200	\$30,031	206,600	\$24,343
Perch, Yellow	24,100	\$3,080	43,200	\$5,913	28,200	\$2,892
Porgies	206,400	\$34,732	212,100	\$26,990	252,500	\$35,648
Scallop, Bay	60,000	\$42,412	130,200	\$91,087	612,500	\$382,718
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	747,500	\$163,987	1,178,300	\$229,127	1,047,000	\$191,564
Seatrout, Spotted	337,600	\$103,561	404,600	\$107,964	189,100	\$55,992
Shad, American	680,200	\$116,770	953,200	\$192,796	718,600	\$136,686
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	62,400	\$3,498	61,400	\$2,644	100,900	\$5,302
Sharks	2,000	\$60	2,800	\$113	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,363,000	\$450,919	1,675,900	\$523,953	114,100	\$43,454
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	7,614,900	\$4,765,496	5,054,300	\$2,492,767	7,854,200	\$4,475,828
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	7,400	\$3,591	500	\$80	400	\$109
Spadefish	3,900	\$184	2,000	\$75	300	\$32
Spot	1,190,100	\$173,265	1,528,900	\$142,247	1,487,800	\$187,819
Striped Bass	1,449,000	\$313,800	2,317,500	\$479,185	1,568,000	\$325,557
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	3,644,700	\$226,476	2,441,100	\$144,972	1,539,000	\$108,808

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	1968		1967		1966	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	19,171,200	\$1,833,539	14,272,300	\$703,754	18,914,100	\$867,932
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	83,500	\$31,354	86,100	\$36,972	125,600	\$56,342
Bluefish	872,200	\$101,617	887,800	\$80,797	820,500	\$67,074
Catfishes	1,684,100	\$236,475	1,784,800	\$276,722	1,786,400	\$278,230
Clams, Hard	203,600	\$116,690	200,200	\$105,648	232,800	\$93,158
Croaker, Atlantic	1,200,800	\$59,836	1,282,800	\$65,101	1,267,000	\$62,549
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	12,500	\$834	12,800	\$1,236	35,200	\$3,579
Eel, American	24,500	\$1,024	23,100	\$921	54,400	\$2,277
Finfish, Other	4,516,300	\$69,853	6,945,200	\$104,541	6,741,500	\$104,649
Flounder, Southern	697,200	\$170,006	519,400	\$111,191	449,300	\$83,819
Flounder, Summer	1,905,600	\$455,713	3,872,000	\$756,235	3,568,100	\$660,428
Goosefish	4,000	\$237	5,600	\$321	0	\$0
Groupers	25,000	\$4,267	9,000	\$673	7,400	\$688
Herring, River	15,524,900	\$234,669	18,486,000	\$317,716	12,519,300	\$134,261
Herring, Thread	2,723,700	\$35,405	6,307,300	\$68,561	2,582,200	\$34,973
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	635,400	\$67,841	839,300	\$72,664	766,600	\$58,119
Mackerel, King	7,500	\$1,789	23,700	\$5,038	94,900	\$18,534
Mackerel, Spanish	68,900	\$7,486	72,700	\$8,113	78,500	\$9,414
Menhaden, Atlantic	167,189,100	\$1,957,865	150,480,700	\$1,693,735	182,288,900	\$2,537,808
Mullet, Striped	1,172,100	\$89,583	1,063,100	\$72,830	1,444,900	\$99,308
Oysters	402,900	\$268,416	518,500	\$316,376	726,100	\$398,993
Perch, White	299,100	\$30,695	384,500	\$46,073	402,300	\$23,870
Perch, Yellow	45,700	\$4,328	36,900	\$3,405	23,600	\$1,794
Porgies	176,400	\$17,215	462,100	\$44,826	1,925,800	\$115,545
Scallop, Bay	638,700	\$422,136	387,300	\$211,291	399,100	\$184,198
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,192,700	\$194,169	1,994,200	\$303,688	1,266,600	\$157,839
Seatrout, Spotted	97,200	\$31,118	122,500	\$36,142	115,900	\$33,886
Shad, American	842,700	\$127,547	777,200	\$154,702	701,300	\$169,810
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	141,600	\$6,342	130,300	\$8,406	196,700	\$5,929
Sharks	5,600	\$357	5,400	\$330	2,600	\$149
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	181,700	\$75,210	1,538,400	\$344,400	1,955,100	\$390,945
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	4,616,100	\$2,356,759	4,918,700	\$1,809,286	5,697,000	\$2,565,981
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	42,400	\$15,582	4,000	\$1,352	10,800	\$4,155
Spadefish	1,600	\$93	0	\$0	0	\$0
Spot	1,575,100	\$187,338	3,047,900	\$205,099	1,091,300	\$94,030
Striped Bass	1,911,800	\$384,971	1,817,200	\$253,217	652,800	\$100,095
Swordfish	0	\$0	0	\$0	76,900	\$38,353
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	13,700	\$2,029
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	2,285,500	\$106,182	1,768,800	\$106,445	1,896,300	\$110,198

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

Species	1965		1964		1963	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	22,333,700	\$1,262,651	24,091,500	\$1,275,164	18,835,400	\$945,064
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	237,000	\$85,133	69,700	\$32,924	83,400	\$37,530
Bluefish	703,800	\$49,101	514,700	\$64,392	812,700	\$97,022
Catfishes	1,531,000	\$163,445	1,274,200	\$127,420	1,229,700	\$109,966
Clams, Hard	312,900	\$136,868	255,400	\$98,217	331,700	\$129,808
Croaker, Atlantic	1,753,400	\$107,913	1,866,900	\$139,066	2,275,700	\$152,442
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	71,400	\$8,505	101,500	\$9,022	71,200	\$4,812
Eel, American	40,000	\$1,807	53,000	\$2,650	38,600	\$1,930
Finfish, Other	9,487,200	\$169,948	12,075,100	\$158,685	11,498,100	\$131,088
Flounder, Southern	695,000	\$138,182	373,900	\$77,998	386,400	\$67,190
Flounder, Summer	4,026,000	\$813,224	2,076,600	\$402,838	2,287,500	\$375,796
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	0	\$0	1,400	\$112	400	\$24
Herring, River	12,825,800	\$132,601	7,560,900	\$76,880	15,099,600	\$150,996
Herring, Thread	1,074,700	\$13,853	0	\$0	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,337,000	\$118,982	1,141,300	\$95,669	1,071,300	\$111,307
Mackerel, King	138,900	\$28,287	88,500	\$17,700	52,600	\$10,520
Mackerel, Spanish	117,200	\$11,824	78,300	\$11,745	135,300	\$20,295
Menhaden, Atlantic	160,595,300	\$2,072,174	172,991,700	\$2,248,892	190,213,800	\$2,326,005
Mullet, Striped	1,260,100	\$83,160	1,219,900	\$90,128	1,911,000	\$122,621
Oysters	863,700	\$473,549	727,700	\$414,775	694,000	\$356,705
Perch, White	260,800	\$26,699	339,700	\$36,296	259,300	\$26,500
Perch, Yellow	32,400	\$2,973	60,400	\$5,437	43,300	\$2,718
Porgies	982,200	\$125,778	491,500	\$26,252	191,700	\$11,698
Scallop, Bay	379,000	\$196,342	339,700	\$172,622	321,100	\$121,914
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,089,800	\$146,836	906,200	\$121,827	738,500	\$77,405
Seatrout, Spotted	175,100	\$53,212	204,800	\$71,680	232,400	\$73,778
Shad, American	1,068,800	\$214,065	639,900	\$127,472	693,400	\$167,693
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	202,000	\$7,089	232,900	\$8,577	292,400	\$8,772
Sharks	2,100	\$125	13,900	\$1,390	4,100	\$353
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,008,100	\$306,732	58,400	\$7,052	47,500	\$5,355
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,416,200	\$1,719,235	4,279,000	\$1,503,239	3,373,900	\$1,064,831
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	0	\$0	500	\$150	2,200	\$616
Spadefish	200	\$7	2,100	\$168	9,900	\$788
Spot	912,600	\$69,363	1,251,200	\$110,591	915,500	\$84,021
Striped Bass	484,300	\$76,809	714,500	\$116,746	735,800	\$114,908
Swordfish	524,000	\$283,320	482,800	\$232,790	1,200	\$648
Tilefishes	0	\$0	700	\$56	200	\$16
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	59,500	\$11,334	33,100	\$2,895	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,959,400	\$130,228	1,965,700	\$133,535	1,760,900	\$133,765

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.3 Commercial landings of select species of finfish and shellfish (continued).**

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

**Table II.4 Number of participants, trips, and vessels for specific species.**

Species	2019			2018			2017		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	99	776	110	87	701	98	86	659	89
Blue Crabs, Hard	624	34,708	715	656	33,356	739	703	37,391	831
Blue Crabs, Peeler	351	9,067	404	375	7,816	398	384	9,242	438
Blue Crabs, Soft	164	4,050	177	169	3,822	175	202	4,737	230
Bluefish	623	7,403	704	601	6,427	663	679	8,004	749
Catfishes	301	6,312	306	379	6,917	390	390	7,286	427
Clams, Hard	318	8,632	266	462	12,828	367	559	19,037	401
Croaker, Atlantic	366	3,054	397	365	2,405	388	470	3,791	507
Dolphinfishes	167	719	177	188	705	190	182	764	182
Drum, Red	432	3,552	472	579	7,199	643	705	10,143	778
Eel, American	18	53	21	20	69	20	32	100	32
Finfish, Other	1,101	13,925	1,210	1,145	15,061	1,263	1,281	19,215	1,436
Flounder, Southern	780	10,035	872	911	13,317	978	1,050	17,973	1,154
Flounder, Summer	210	586	221	221	552	227	246	831	263
Groupers	111	1,549	123	97	1,321	110	98	1,273	101
Herring, River	0	0	0	0	0	0	0	0	0
Herring, Thread	5	49	5	5	67	5	8	65	9
Hog Snapper	32	194	38	31	152	34	32	139	35
Mackerel, King	219	1,937	243	187	1,493	209	208	1,743	223
Mackerel, Spanish	407	3,297	444	343	3,086	378	312	2,781	340
Menhaden, Atlantic	184	1,795	200	251	2,310	265	282	2,619	304
Monkfish	97	229	101	100	210	102	91	179	96
Mullet, Sea	529	5,729	585	513	4,366	547	647	6,891	721
Mullet, Striped	632	6,911	727	687	6,791	747	760	7,742	842
Oysters	600	14,719	523	623	12,447	523	810	17,471	646
Perch, White	231	2,433	247	269	2,639	273	299	3,332	335
Perch, Yellow	80	463	81	96	591	94	113	697	124
Porgies	89	837	100	87	776	98	89	709	92
Scallop, Bay	1	2	1	0	0	0	0	0	0
Scup	62	96	63	58	83	60	50	76	51
Sea Basses	175	1,235	195	186	1,284	203	187	1,528	196
Seatrout, Spotted	694	8,551	811	536	3,722	578	841	9,753	919
Shad, American	132	981	118	135	948	130	188	1,347	179
Shad, Gizzard	116	1,619	98	115	1,541	107	83	1,048	82
Shad, Hickory	168	1,265	162	149	1,027	142	204	1,568	202
Sharks	110	1,168	125	114	1,153	125	137	1,224	137
Sharks, Dogfishes	74	495	81	95	629	98	86	369	86
Shellfish, Other	375	3,059	381	467	4,258	461	628	7,464	623
Shrimp	377	5,907	425	474	6,094	507	505	9,570	573
Snappers	106	1,421	119	92	1,235	104	88	1,033	91
Spadefish	96	475	99	87	414	87	165	1,006	177
Spot	474	4,013	533	462	3,354	499	567	4,644	617
Striped Bass	194	3,318	176	274	4,397	270	275	3,525	285
Swordfish	44	289	44	30	258	29	28	259	26
Tilefishes	76	618	79	73	523	78	74	511	77
Triggerfish	93	793	100	103	954	113	107	1,041	112
Tunas	395	3,326	423	340	2,747	358	389	3,507	418
Wahoo	121	265	122	103	235	105	106	261	105
Weakfish	399	4,462	438	370	3,129	400	498	4,643	546

**Table II.4 Number of participants, trips, and vessels for specific species (continued).**

Species	2016			2015			2014		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	78	736	81	84	688	87	94	807	96
Blue Crabs, Hard	863	46,573	1,021	883	52,051	1,092	887	51,222	1,052
Blue Crabs, Peeler	476	12,214	552	534	13,480	611	534	14,096	600
Blue Crabs, Soft	237	6,071	259	241	5,509	270	259	5,712	290
Bluefish	571	6,903	596	549	6,401	604	682	7,672	754
Catfishes	422	7,579	430	448	8,186	487	405	6,404	428
Clams, Hard	626	20,466	436	650	21,393	456	607	19,644	477
Croaker, Atlantic	489	3,675	511	556	4,396	583	685	6,346	754
Dolphinfishes	184	780	188	160	572	172	185	911	195
Drum, Red	464	4,777	494	451	4,126	493	554	3,924	570
Eel, American	26	89	26	29	129	32	34	154	39
Finfish, Other	1,190	15,709	1,284	1,184	15,972	1,306	1,252	15,531	1,371
Flounder, Southern	945	13,378	1,003	1,031	13,881	1,125	1,222	18,121	1,321
Flounder, Summer	246	882	259	208	724	217	217	777	222
Groupers	94	1,329	96	100	1,232	104	108	1,352	113
Herring, River	0	0	0	0	0	0	6	13	5
Herring, Thread	3	36	3	5	105	5	5	66	5
Hog Snapper	21	134	25	31	130	36	29	127	33
Mackerel, King	195	1,431	208	195	1,388	205	202	1,840	216
Mackerel, Spanish	339	3,063	361	305	2,963	325	357	3,108	390
Menhaden, Atlantic	291	2,580	294	308	2,670	324	359	3,195	377
Monkfish	111	277	116	88	203	93	97	290	102
Mullet, Sea	600	6,448	655	599	5,998	662	684	7,294	764
Mullet, Striped	688	6,825	734	750	7,337	822	864	8,368	925
Oysters	841	16,361	669	868	17,103	704	970	20,520	800
Perch, White	298	4,398	313	338	4,182	365	319	3,937	334
Perch, Yellow	147	1,443	142	163	1,781	172	169	1,973	181
Porgies	79	724	79	85	723	88	96	848	101
Scallop, Bay	0	0	0	0	0	0	0	0	0
Scup	44	70	47	42	59	45	45	86	49
Sea Basses	168	1,516	180	170	1,481	180	180	1,720	189
Seatrout, Spotted	685	7,152	739	626	4,831	682	849	7,223	905
Shad, American	157	1,088	151	200	1,513	189	209	1,594	201
Shad, Gizzard	98	1,236	96	91	842	79	55	476	50
Shad, Hickory	197	1,667	191	244	1,875	243	206	1,796	205
Sharks	150	1,508	148	136	1,172	143	126	1,219	128
Sharks, Dogfishes	109	813	108	124	1,180	133	143	1,718	156
Shellfish, Other	635	6,872	608	689	7,912	659	688	8,214	679
Shrimp	516	9,726	564	494	8,180	559	417	6,477	467
Snappers	77	771	78	80	664	81	88	748	90
Spadefish	130	506	129	118	607	121	134	609	142
Spot	482	3,480	524	587	4,346	626	787	7,590	859
Striped Bass	280	4,931	271	337	4,852	341	331	3,660	325
Swordfish	32	241	30	26	252	27	31	283	31
Tilefishes	73	606	70	60	223	59	67	324	69
Triggerfish	84	756	87	74	581	75	57	325	58
Tunas	356	2,949	367	373	2,741	389	344	3,207	371
Wahoo	112	288	115	106	214	108	95	221	100
Weakfish	443	4,437	479	467	4,464	506	582	5,885	637

**Table II.4 Number of participants, trips, and vessels for specific species (continued).**

Species	2013			2012			2011		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	95	616	97	100	659	98	92	695	92
Blue Crabs, Hard	815	46,739	968	837	46,891	987	883	48,226	1,047
Blue Crabs, Peeler	502	13,687	601	505	10,748	576	511	8,081	572
Blue Crabs, Soft	253	6,393	281	228	5,812	243	209	4,308	219
Bluefish	742	8,282	793	676	8,215	741	699	8,444	775
Catfishes	462	8,565	491	416	7,133	429	384	5,745	400
Clams, Hard	516	16,496	414	489	16,793	394	565	17,597	419
Croaker, Atlantic	677	5,629	720	626	5,316	674	549	4,838	602
Dolphinfishes	193	953	204	190	964	194	194	861	204
Drum, Red	977	15,872	1,065	576	4,273	627	550	5,187	595
Eel, American	27	82	27	38	186	38	37	138	41
Finfish, Other	1,459	21,568	1,600	1,339	20,420	1,508	1,196	15,643	1,298
Flounder, Southern	1,286	23,579	1,439	1,202	20,926	1,333	1,040	15,810	1,141
Flounder, Summer	189	738	196	185	636	190	184	658	193
Groupers	104	1,313	108	106	1,317	105	102	1,394	105
Herring, River	12	19	11	10	18	8	16	30	14
Herring, Thread	5	26	5	3	70	3	5	28	5
Hog Snapper	21	112	24	25	126	27	27	132	28
Mackerel, King	230	1,382	240	245	1,407	243	245	1,416	252
Mackerel, Spanish	340	2,846	359	361	3,703	394	336	3,610	357
Menhaden, Atlantic	359	2,534	382	309	2,166	332	294	1,905	312
Monkfish	56	107	60	84	247	86	76	234	81
Mullet, Sea	742	8,113	801	678	6,843	738	608	5,028	657
Mullet, Striped	971	9,802	1,063	890	8,433	967	827	7,578	903
Oysters	908	18,576	747	961	16,534	761	1,115	22,641	932
Perch, White	375	4,983	400	356	4,059	369	325	3,653	339
Perch, Yellow	170	1,946	183	166	1,359	172	172	1,490	177
Porgies	86	857	88	92	881	90	92	992	96
Scallop, Bay	23	41	22	0	0	0	0	0	0
Scup	26	41	28	11	13	11	45	81	48
Sea Basses	132	1,204	139	131	840	133	158	588	166
Seatrou, Spotted	1,093	15,302	1,229	945	9,458	1,056	673	4,402	728
Shad, American	226	2,984	225	250	3,252	243	234	2,889	236
Shad, Gizzard	72	762	62	86	1,074	83	75	866	68
Shad, Hickory	305	2,829	303	255	2,204	263	232	1,692	233
Sharks	149	1,118	153	171	1,529	175	128	956	130
Sharks, Dogfishes	146	1,517	158	225	1,852	235	208	1,819	213
Shellfish, Other	639	8,779	658	615	8,000	615	547	6,305	531
Shrimp	454	8,682	501	471	8,922	517	390	5,359	408
Snappers	76	724	80	81	641	78	79	654	82
Spadefish	193	844	199	189	1,062	195	138	624	144
Spot	827	7,384	899	598	4,115	657	679	5,502	751
Striped Bass	350	3,648	348	329	4,207	315	494	5,569	489
Swordfish	33	371	33	28	303	28	29	267	30
Tilefishes	70	400	69	73	418	69	55	258	56
Triggerfish	104	562	106	102	822	99	97	955	99
Tunas	347	2,774	361	360	2,852	372	278	1,948	295
Wahoo	128	271	128	108	281	110	108	194	109
Weakfish	697	7,119	754	582	5,486	638	460	3,986	497

**Table II.4 Number of participants, trips, and vessels for specific species (continued).**

Species	2010			2009			2008		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	141	905	143	256	1,353	261	248	1,554	265
Blue Crabs, Hard	944	49,620	1,115	943	53,929	1,113	857	46,152	1,014
Blue Crabs, Peeler	551	10,530	616	561	12,644	617	525	12,726	588
Blue Crabs, Soft	238	5,621	251	245	5,911	267	245	6,334	272
Bluefish	677	8,104	741	834	9,175	918	831	9,300	910
Catfishes	448	7,194	473	486	9,295	536	427	7,894	452
Clams, Hard	698	20,874	484	738	21,479	523	776	23,126	557
Croaker, Atlantic	752	7,274	816	757	7,187	834	659	6,104	714
Dolphinfishes	241	987	248	320	1,432	329	283	1,127	295
Drum, Red	678	8,884	749	802	11,646	883	827	12,002	899
Eel, American	37	163	39	34	128	36	23	64	25
Finfish, Other	1,271	16,358	1,383	1,435	21,937	1,597	1,458	21,143	1,614
Flounder, Southern	1,182	20,408	1,329	1,299	29,395	1,464	1,235	28,966	1,411
Flounder, Summer	224	1,015	226	239	1,184	249	224	996	234
Groupers	148	1,808	152	243	2,474	258	274	2,728	292
Herring, River	16	41	17	14	27	13	9	25	11
Herring, Thread	0	0	0	0	0	0	0	0	0
Hog Snapper	39	168	38	49	194	50	58	266	59
Mackerel, King	300	1,615	308	486	3,267	509	458	3,412	478
Mackerel, Spanish	408	3,606	431	555	4,028	600	416	2,429	438
Menhaden, Atlantic	261	1,632	280	297	2,062	313	310	1,896	322
Monkfish	88	240	91	104	359	112	106	376	111
Mullet, Sea	653	6,134	713	751	7,198	828	760	7,233	834
Mullet, Striped	896	9,953	990	870	8,423	963	833	8,343	908
Oysters	1,181	24,612	1,009	953	17,233	800	874	16,295	713
Perch, White	351	4,150	360	369	5,188	410	357	5,153	388
Perch, Yellow	172	1,989	168	188	2,341	204	164	1,788	173
Porgies	120	1,065	122	168	1,218	173	213	1,521	225
Scallop, Bay	3	5	2	208	1,094	165	0	0	0
Scup	38	63	41	27	55	28	36	90	39
Sea Basses	198	1,124	203	275	1,943	297	295	1,785	315
Seatrout, Spotted	726	6,540	809	966	11,889	1,086	921	10,600	1,026
Shad, American	296	3,568	291	219	2,739	223	235	2,344	237
Shad, Gizzard	92	802	80	38	569	38	42	479	42
Shad, Hickory	286	2,045	283	238	1,929	241	261	2,186	263
Sharks	117	925	117	114	862	116	120	893	123
Sharks, Dogfishes	174	1,579	186	190	1,505	195	117	932	117
Shellfish, Other	522	5,966	502	594	6,626	574	574	6,878	555
Shrimp	484	7,861	530	459	7,770	506	515	8,079	556
Snappers	107	661	106	190	1,469	196	223	1,874	238
Spadefish	122	485	124	185	1,125	203	188	894	194
Spot	652	4,773	711	948	8,888	1,064	821	7,095	899
Striped Bass	492	7,199	498	484	4,784	495	636	4,394	606
Swordfish	23	232	22	21	221	22	26	222	29
Tilefishes	69	546	67	77	582	78	72	533	72
Triggerfish	142	1,193	141	218	1,616	230	187	1,558	200
Tunas	312	2,031	318	462	2,832	474	437	2,677	445
Wahoo	86	160	87	115	229	116	108	199	114
Weakfish	534	4,776	575	675	4,718	731	756	6,404	823

**Table II.4 Number of participants, trips, and vessels for specific species (continued).**

Species	2007			2006			2005		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	239	1,477	254	159	1,028	170	147	949	161
Blue Crabs, Hard	890	47,135	1,018	945	46,790	1,074	1,143	56,191	1,332
Blue Crabs, Peeler	548	12,457	603	547	9,013	599	722	11,941	791
Blue Crabs, Soft	270	6,818	284	241	5,753	260	286	6,655	319
Bluefish	768	9,736	848	733	8,778	812	784	8,376	876
Catfishes	490	8,905	535	463	8,042	513	486	7,480	539
Clams, Hard	895	27,964	632	840	24,970	606	899	23,519	690
Croaker, Atlantic	691	5,947	750	637	5,900	701	682	6,510	747
Dolphinfishes	335	1,305	345	258	972	273	233	877	251
Drum, Red	806	12,431	901	748	9,985	842	696	8,307	797
Eel, American	34	137	36	29	142	32	36	223	40
Finfish, Other	1,439	20,727	1,611	1,335	18,291	1,474	1,164	14,014	1,291
Flounder, Southern	1,248	28,397	1,428	1,182	26,202	1,369	1,177	23,374	1,359
Flounder, Summer	245	1,283	262	241	1,230	249	228	1,082	238
Groupers	268	2,890	288	212	2,227	235	186	2,025	203
Herring, River	10	22	9	99	1,029	104	144	1,792	154
Herring, Thread	0	0	0	2	2	2	3	13	3
Hog Snapper	60	209	61	56	221	60	51	247	55
Mackerel, King	547	4,540	601	448	3,913	487	448	3,741	476
Mackerel, Spanish	401	2,755	424	332	2,479	352	365	2,712	389
Menhaden, Atlantic	316	3,059	344	355	4,162	386	392	3,976	430
Monkfish	113	433	118	120	499	128	103	367	107
Mullet, Sea	662	6,892	747	653	6,613	719	576	5,082	627
Mullet, Striped	817	9,155	916	794	7,819	894	819	8,041	922
Oysters	873	15,738	707	789	14,326	666	726	12,111	628
Perch, White	387	4,907	409	363	4,792	400	386	4,821	420
Perch, Yellow	142	1,427	144	131	1,223	145	155	1,180	160
Porgies	209	1,477	223	156	1,206	168	151	1,132	164
Scallop, Bay	0	0	0	0	0	0	0	0	0
Scup	38	67	39	44	108	46	49	103	51
Sea Basses	304	1,842	329	267	2,198	292	266	1,886	290
Seatrout, Spotted	859	11,092	978	875	9,640	973	732	5,823	817
Shad, American	280	3,689	283	263	3,641	272	328	3,791	341
Shad, Gizzard	88	878	81	65	870	62	92	893	94
Shad, Hickory	233	1,769	237	257	2,062	251	299	2,302	308
Sharks	129	845	135	116	924	124	117	906	120
Sharks, Dogfishes	111	988	116	81	845	88	88	662	94
Shellfish, Other	535	6,092	518	467	5,261	473	450	4,426	446
Shrimp	482	9,287	534	440	8,021	476	400	6,578	431
Snappers	214	1,691	231	157	1,306	170	163	1,266	171
Spadefish	182	974	190	203	1,144	221	186	1,008	206
Spot	813	7,600	905	892	8,612	987	920	9,637	1,036
Striped Bass	812	8,240	716	614	7,962	655	1,028	10,877	985
Swordfish	27	292	26	20	258	22	25	210	25
Tilefishes	55	417	58	51	395	52	54	391	54
Triggerfish	198	1,415	208	146	1,158	158	133	1,081	145
Tunas	430	3,322	457	438	3,192	460	474	2,624	493
Wahoo	173	385	177	135	260	139	134	248	141
Weakfish	703	6,092	771	716	7,239	796	726	7,804	798

**Table II.4 Number of participants, trips, and vessels for specific species (continued).**

Species	2004			2003			2002		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	166	941	175	184	1,117	196	176	1,178	183
Blue Crabs, Hard	1,430	74,171	1,641	1,510	83,769	1,833	1,597	82,083	1,900
Blue Crabs, Peeler	778	12,728	857	850	15,027	984	919	16,353	1,071
Blue Crabs, Soft	357	7,174	386	429	10,683	477	449	13,445	505
Bluefish	749	8,031	819	760	8,594	869	885	10,133	1,004
Catfishes	467	7,995	524	565	10,729	663	507	10,900	616
Clams, Hard	1,067	30,429	754	1,206	30,837	848	1,411	35,597	922
Croaker, Atlantic	826	7,878	916	796	7,361	892	957	8,815	1,081
Dolphinfishes	291	1,116	312	255	963	275	318	1,434	336
Drum, Red	513	3,543	563	682	6,845	798	737	6,709	841
Eel, American	55	353	60	67	427	72	49	287	51
Finfish, Other	1,296	15,258	1,415	1,411	18,579	1,639	1,641	23,573	1,874
Flounder, Southern	1,360	27,071	1,568	1,438	27,515	1,708	1,584	33,410	1,881
Flounder, Summer	296	1,949	299	268	1,796	280	262	1,736	273
Groupers	196	2,039	215	204	2,108	223	208	2,677	219
Herring, River	136	1,503	148	180	2,087	205	146	1,902	163
Herring, Thread	0	0	0	1	3	1	2	9	2
Hog Snapper	52	218	59	50	282	54	67	306	70
Mackerel, King	446	3,227	484	405	2,752	455	447	3,155	479
Mackerel, Spanish	297	2,189	314	335	2,485	369	478	3,261	521
Menhaden, Atlantic	334	3,271	362	390	4,312	446	420	6,089	476
Monkfish	160	597	161	142	651	149	140	642	143
Mullet, Sea	665	6,783	717	620	6,750	697	663	6,473	739
Mullet, Striped	796	7,829	884	920	9,616	1,051	1,032	10,622	1,171
Oysters	725	11,889	608	636	9,282	530	644	9,061	540
Perch, White	362	5,049	405	439	8,070	519	429	7,595	510
Perch, Yellow	181	1,896	201	259	3,491	298	226	3,156	275
Porgies	131	1,077	148	146	1,216	159	156	1,409	163
Scallop, Bay	1	2	1	68	243	58	74	335	68
Scup	36	84	37	18	26	17	2	4	2
Sea Basses	285	2,216	308	279	2,063	296	305	2,481	327
Seatrout, Spotted	713	5,736	783	817	5,963	935	989	8,855	1,146
Shad, American	359	3,947	365	422	4,574	458	401	4,292	432
Shad, Gizzard	66	990	64	68	1,027	73	84	1,478	93
Shad, Hickory	313	2,325	324	295	2,004	316	272	1,781	280
Sharks	151	828	153	131	1,014	137	156	1,111	163
Sharks, Dogfishes	122	809	119	82	502	86	65	469	67
Shellfish, Other	550	5,676	505	561	6,819	538	558	5,660	547
Shrimp	584	11,881	625	599	14,057	673	798	18,342	884
Snappers	158	1,202	175	136	1,131	144	173	1,715	181
Spadefish	179	1,146	193	158	663	170	215	1,152	232
Spot	1,044	10,573	1,157	1,065	10,996	1,203	1,260	13,128	1,432
Striped Bass	846	9,347	891	771	11,455	894	814	11,278	948
Swordfish	22	182	22	23	173	23	26	182	25
Tilefishes	43	346	47	46	431	50	63	578	66
Triggerfish	156	1,268	167	122	1,083	131	177	1,385	186
Tunas	578	3,257	607	442	2,672	476	411	2,869	433
Wahoo	152	337	158	144	306	148	147	299	156
Weakfish	792	8,554	882	818	8,791	936	970	10,092	1,098

**Table II.4 Number of participants, trips, and vessels for specific species (continued).**

Species	2001			2000			1999		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	196	1,247	210	205	1,331	227	201	1,356	239
Blue Crabs, Hard	1,719	96,742	2,265	1,672	94,034	2,212	1,831	105,028	2,875
Blue Crabs, Peeler	1,007	25,159	1,238	1,001	26,008	1,214	1,000	25,951	1,394
Blue Crabs, Soft	534	15,966	620	524	14,785	628	512	12,888	682
Bluefish	945	10,923	1,097	959	11,643	1,108	974	12,087	1,189
Catfishes	584	12,296	720	630	12,213	767	636	14,376	877
Clams, Hard	1,828	48,759	1,210	1,640	41,989	1,279	1,486	32,889	1,374
Croaker, Atlantic	1,123	12,954	1,299	1,114	11,810	1,276	1,116	12,980	1,463
Dolphinfishes	305	1,199	317	272	1,238	289	331	1,423	367
Drum, Red	781	8,863	905	981	9,753	1,151	909	10,603	1,222
Eel, American	71	460	81	108	576	117	101	574	119
Finfish, Other	1,547	20,259	1,809	1,707	24,043	2,004	1,734	25,630	2,264
Flounder, Southern	1,736	36,006	2,124	1,896	37,492	2,296	1,795	35,415	2,516
Flounder, Summer	275	1,713	296	358	2,530	391	345	3,026	393
Groupers	216	2,404	237	211	2,278	253	267	2,821	314
Herring, River	151	1,418	172	210	2,461	247	204	2,815	222
Herring, Thread	0	0	0	3	4	3	2	5	2
Hog Snapper	53	273	60	57	322	63	74	391	88
Mackerel, King	456	3,652	497	477	4,064	529	437	3,617	538
Mackerel, Spanish	518	3,756	586	603	4,550	684	540	3,543	640
Menhaden, Atlantic	482	5,431	550	380	4,145	451	419	3,809	511
Monkfish	147	548	151	173	757	184	173	812	183
Mullet, Sea	662	7,222	781	750	8,656	874	783	9,428	951
Mullet, Striped	1,070	10,726	1,245	1,230	13,631	1,460	990	10,391	1,247
Oysters	651	9,402	612	560	7,709	546	521	7,459	556
Perch, White	472	6,857	571	561	8,224	678	530	9,177	710
Perch, Yellow	297	3,465	347	342	4,271	406	374	5,650	478
Porgies	159	1,400	177	108	658	116	202	1,539	235
Scallop, Bay	26	56	21	71	341	71	81	441	81
Scup	0	0	0	0	0	0	1	1	1
Sea Basses	292	2,624	319	310	2,315	361	380	3,026	459
Seatrout, Spotted	901	6,490	1,056	1,159	11,241	1,357	1,291	15,319	1,689
Shad, American	461	5,037	520	537	5,277	601	463	4,718	507
Shad, Gizzard	83	1,114	91	142	2,476	165	164	2,780	198
Shad, Hickory	389	3,351	430	391	2,625	435	434	3,644	474
Sharks	187	1,235	202	190	1,368	204	174	1,207	196
Sharks, Dogfishes	89	556	92	179	1,555	193	180	1,886	197
Shellfish, Other	629	5,868	589	586	4,668	609	542	4,547	589
Shrimp	722	14,072	836	936	18,441	1,138	832	19,821	1,082
Snappers	175	1,702	194	166	1,603	193	200	1,810	232
Spadefish	229	1,082	246	231	1,287	259	298	1,613	377
Spot	1,258	11,912	1,457	1,389	13,229	1,569	1,275	12,382	1,598
Striped Bass	751	12,066	885	698	11,706	847	699	9,097	855
Swordfish	32	235	33	25	155	23	30	179	33
Tilefishes	66	539	75	56	425	59	73	582	95
Triggerfish	155	1,347	171	151	1,194	175	187	1,503	219
Tunas	479	3,503	521	421	3,201	464	415	3,266	474
Wahoo	168	373	176	154	354	158	181	460	194
Weakfish	1,029	12,030	1,206	1,128	13,992	1,306	1,169	17,074	1,526

**Table II.4 Number of participants, trips, and vessels for specific species (continued).**

Species	1998			1997			1996		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	199	1,209	206	270	1,535	280	238	1,345	247
Blue Crabs, Hard	1,896	119,570	2,238	2,187	110,754	2,553	2,187	107,379	2,701
Blue Crabs, Peeler	981	31,433	1,115	1,070	28,507	1,220	996	21,116	1,143
Blue Crabs, Soft	525	13,733	610	609	12,541	703	492	8,596	566
Bluefish	1,080	13,743	1,171	1,195	16,520	1,317	1,038	10,997	1,141
Catfishes	646	13,578	752	800	16,594	897	787	13,668	917
Clams, Hard	1,326	40,820	1,402	1,535	45,047	1,559	1,568	43,055	1,652
Croaker, Atlantic	1,092	10,662	1,226	1,358	15,214	1,503	1,311	15,418	1,508
Dolphinfishes	273	1,295	280	363	1,528	362	340	1,422	352
Drum, Red	694	5,613	782	571	2,440	636	849	4,891	940
Eel, American	102	554	109	109	618	124	108	547	125
Finfish, Other	1,673	21,138	1,861	2,004	27,077	2,227	2,134	27,062	2,432
Flounder, Southern	1,837	39,435	2,137	2,216	46,542	2,553	2,194	40,604	2,589
Flounder, Summer	353	2,536	380	403	2,768	428	419	2,577	441
Groupers	309	3,558	323	340	3,674	349	327	3,096	364
Herring, River	223	2,809	248	231	2,673	246	265	3,215	282
Herring, Thread	4	15	5	1	15	2	1	11	2
Hog Snapper	78	434	83	85	454	95	82	456	94
Mackerel, King	578	4,074	589	693	5,331	696	553	3,196	593
Mackerel, Spanish	589	4,138	671	784	5,989	875	580	3,959	654
Menhaden, Atlantic	250	2,385	286	309	2,421	323	264	1,640	291
Monkfish	165	694	167	149	725	151	194	909	183
Mullet, Sea	745	8,768	829	871	11,021	976	830	8,907	940
Mullet, Striped	1,183	12,848	1,330	1,411	14,363	1,566	1,423	13,961	1,599
Oysters	502	7,568	540	498	8,130	492	504	8,047	554
Perch, White	506	7,027	588	575	7,045	632	588	7,224	672
Perch, Yellow	347	4,776	397	385	5,013	426	389	4,038	446
Porgies	264	2,604	277	295	2,536	305	305	2,478	332
Scallop, Bay	134	1,059	139	96	674	97	89	446	94
Scup	27	38	29	15	21	16	47	95	50
Sea Basses	423	3,873	454	430	3,993	446	507	3,620	538
Seatrout, Spotted	1,147	12,384	1,293	1,217	10,924	1,360	1,210	9,502	1,364
Shad, American	483	5,098	515	566	5,666	605	614	5,202	640
Shad, Gizzard	153	2,763	172	186	2,556	205	261	3,473	279
Shad, Hickory	430	2,538	459	439	2,701	460	516	3,635	540
Sharks	228	1,293	235	269	1,798	267	292	1,563	285
Sharks, Dogfishes	208	2,049	221	252	2,792	257	290	3,378	294
Shellfish, Other	562	5,802	622	526	5,008	587	620	5,854	688
Shrimp	692	14,969	795	911	20,442	1,057	865	17,084	1,073
Snappers	229	2,050	234	260	2,207	261	247	1,903	265
Spadefish	223	1,154	246	301	1,907	354	213	1,375	244
Spot	1,176	11,355	1,339	1,396	13,762	1,568	1,357	12,334	1,545
Striped Bass	706	6,702	793	814	8,715	896	612	6,639	655
Swordfish	30	208	19	28	171	15	32	198	23
Tilefishes	94	621	93	106	775	103	78	562	75
Triggerfish	223	1,901	228	302	2,303	314	253	1,745	270
Tunas	444	2,959	449	553	4,524	550	483	3,228	484
Wahoo	165	359	150	178	401	172	189	439	187
Weakfish	1,170	16,854	1,327	1,420	21,235	1,578	1,318	17,653	1,466

**Table II.4 Number of participants, trips, and vessels for specific species (continued).**

Species	1995			1994		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	269	1,673	285	293	1,653	314
Blue Crabs, Hard	2,104	110,219	2,664	2,008	109,603	2,445
Blue Crabs, Peeler	865	19,522	1,034	722	14,181	801
Blue Crabs, Soft	487	8,958	545	404	7,196	451
Bluefish	1,161	13,898	1,276	1,054	11,045	1,159
Catfishes	792	14,693	904	763	16,017	876
Clams, Hard	1,753	50,606	1,877	1,686	53,019	1,760
Croaker, Atlantic	1,432	18,265	1,637	1,287	14,349	1,495
Dolphinfishes	506	2,430	531	403	1,853	452
Drum, Red	1,036	7,496	1,151	804	4,066	893
Eel, American	108	438	115	89	358	98
Finfish, Other	1,998	25,413	2,222	2,003	24,436	2,237
Flounder, Southern	2,277	45,745	2,708	2,196	42,457	2,568
Flounder, Summer	480	2,164	469	456	3,460	490
Groupers	382	3,918	411	413	4,505	458
Herring, River	232	2,912	241	232	3,658	248
Herring, Thread	4	17	5	18	39	18
Hog Snapper	118	643	138	100	520	114
Mackerel, King	666	4,675	720	712	4,983	767
Mackerel, Spanish	609	4,309	678	658	4,713	742
Menhaden, Atlantic	137	964	141	125	1,104	137
Monkfish	202	751	175	151	838	152
Mullet, Sea	937	12,495	1,059	830	11,088	945
Mullet, Striped	1,457	13,819	1,603	1,366	13,649	1,523
Oysters	582	8,754	625	549	7,247	563
Perch, White	517	6,077	578	533	7,404	604
Perch, Yellow	330	3,622	357	362	4,567	407
Porgies	350	3,017	384	410	3,560	442
Scallop, Bay	284	2,108	291	191	788	201
Scup	65	124	66	40	122	45
Sea Basses	525	3,959	576	583	5,075	648
Seatrou, Spotted	1,548	16,856	1,778	1,399	13,659	1,570
Shad, American	578	4,312	608	488	4,088	514
Shad, Gizzard	198	2,576	212	178	2,922	199
Shad, Hickory	427	2,738	445	351	2,116	356
Sharks	312	2,156	313	353	2,338	381
Sharks, Dogfishes	267	2,608	269	212	2,436	219
Shellfish, Other	688	6,786	743	664	6,063	741
Shrimp	1,080	23,890	1,255	989	21,746	1,229
Snappers	289	2,328	310	342	2,805	359
Spadefish	236	1,470	270	192	1,097	218
Spot	1,298	11,468	1,437	1,246	10,897	1,404
Striped Bass	747	6,540	816	546	3,346	587
Swordfish	38	222	19	19	142	19
Tilefishes	90	553	99	105	547	118
Triggerfish	277	2,071	297	317	2,326	348
Tunas	577	4,107	569	533	4,101	554
Wahoo	281	784	268	192	447	201
Weakfish	1,455	20,565	1,640	1,355	17,414	1,491

**Table II.5 Top five species landed by waterbody.**

		2019		
Waterbody	Species	Pounds	Rank	
Albemarle Sound	Blue Crabs, Hard	8,348,460	1	
	Catfishes	507,545	2	
	Striped Bass	106,283	3	
	Mullet, Striped	99,583	4	
	Blue Crabs, Peeler	97,223	5	
Alligator River	Blue Crabs, Hard	1,825,784	1	
	Blue Crabs, Peeler	46,291	2	
	Catfishes	***	3	
	Blue Crabs, Soft	***	4	
	Menhaden, Atlantic	***	5	
Back Bay (VA)	Blue Crabs, Hard	20,154	1	
Bay River	Blue Crabs, Hard	107,965	1	
	Seatrout, Spotted	46,780	2	
	Oysters	30,323	3	
	Mullet, Striped	24,661	4	
	Flounder, Southern	9,057	5	
Bogue Sound	Blue Crabs, Hard	149,521	1	
	Mullet, Striped	78,548	2	
	Shrimp, White	45,253	3	
	Menhaden, Atlantic	37,623	4	
	Seatrout, Spotted	28,511	5	
Cape Fear River	Blue Crabs, Hard	651,013	1	
	Flounder, Southern	27,418	2	
	Shrimp, White	18,682	3	
	Blue Crabs, Peeler	11,003	4	
	Shrimp, Unclassified	9,158	5	
Chowan River	Catfishes	619,732	1	
	Shad, Gizzard	197,777	2	
	Striped Bass	13,165	3	
	Perch, White	7,342	4	
	Shad, American	1,369	5	
Core Sound	Flounder, Southern	244,549	1	
	Blue Crabs, Hard	211,184	2	
	Oysters	210,945	3	
	Mullet, Striped	178,542	4	
	Spot	125,506	5	
Croatan Sound	Blue Crabs, Hard	894,455	1	
	Blue Crabs, Peeler	56,293	2	
	Shrimp, Brown	28,058	3	
	Blue Crabs, Soft	17,416	4	
	Mullet, Striped	***	5	

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

2019			
Waterbody	Species	Pounds	Rank
Currituck Sound	Blue Crabs, Hard	1,450,219	1
	Flounder, Southern	55,426	2
	Catfishes	35,375	3
	Blue Crabs, Peeler	27,742	4
	Perch, White	18,201	5
Inland Waterway (Brunswick)	Blue Crabs, Hard	55,675	1
	Mullet, Striped	17,918	2
	Seatrout, Spotted	16,792	3
	Flounder, Southern	11,362	4
	Spot	9,133	5
Inland Waterway (Onslow)	Blue Crabs, Hard	24,137	1
	Spot	6,507	2
	Mullet, Striped	5,143	3
	Oysters	4,470	4
	Shrimp, White	3,921	5
Lockwood's Folly River	Oysters	17,388	1
	Blue Crabs, Hard	12,465	2
	Flounder, Southern	4,608	3
	Seatrout, Spotted	4,110	4
	Mullet, Striped	1,288	5
Masonboro Sound	Blue Crabs, Hard	152,262	1
	Oysters	34,983	2
	Flounder, Southern	17,378	3
	Clams, Hard	11,766	4
	Spot	9,547	5
Neuse River	Blue Crabs, Hard	937,826	1
	Mullet, Striped	117,647	2
	Menhaden, Atlantic	82,459	3
	Shrimp, Brown	77,819	4
	Seatrout, Spotted	65,553	5
New River	Blue Crabs, Hard	280,240	1
	Shrimp, White	100,028	2
	Oysters	78,208	3
	Clams, Hard	21,050	4
	Flounder, Southern	12,634	5
Newport River	Blue Crabs, Hard	87,901	1
	Oysters	70,208	2
	Shrimp, White	61,617	3
	Mullet, Striped	15,116	4
	Shrimp, Brown	10,970	5
North River/Back Sound	Blue Crabs, Hard	45,652	1
	Oysters	45,467	2
	Shrimp, White	31,842	3
	Shrimp, Brown	6,902	4
	Clams, Hard	4,757	5

**Table II.5 Top five species landed by waterbody (continued).**

		2019		
Waterbody	Species	Pounds	Rank	
Ocean 0-3 mi, N of Cape Hatteras	Shrimp, White	2,268,729	1	
	Sharks, Dogfishes	328,350	2	
	Croaker, Atlantic	203,804	3	
	Sharks	119,648	4	
	Kingfishes	106,414	5	
Ocean 0-3 mi,S of Cape Hatteras	Shrimp, White	3,431,982	1	
	Sharks, Dogfishes	824,693	2	
	Kingfishes	471,030	3	
	Sharks	396,650	4	
	Mackerel, Spanish	285,958	5	
Ocean >3 mi, N of Cape Hatteras	Flounder, Summer	2,020,085	1	
	Tunas	1,096,625	2	
	Croaker, Atlantic	943,781	3	
	Sea Basses	279,008	4	
	Scup	216,632	5	
Ocean >3 mi, S of Cape Hatteras	Mackerel, King	479,849	1	
	Snappers	422,786	2	
	Groupers	297,482	3	
	Sharks	295,159	4	
	Tunas	248,211	5	
Pamlico River	Blue Crabs, Hard	1,305,051	1	
	Menhaden, Atlantic	41,027	2	
	Seatrout, Spotted	19,321	3	
	Mullet, Striped	12,009	4	
	Blue Crabs, Peeler	11,682	5	
Pamlico Sound	Blue Crabs, Hard	3,577,660	1	
	Shrimp, White	1,829,166	2	
	Shrimp, Brown	1,068,591	3	
	Bluefish	642,929	4	
	Mullet, Striped	561,199	5	
Pasquotank River	Blue Crabs, Hard	153,691	1	
	Catfishes	7,946	2	
	Striped Bass	5,583	3	
	Shad, Gizzard	***	4	
	Mullet, Striped	585	5	
Perquimans River	Blue Crabs, Hard	199,795	1	
	Catfishes	13,032	2	
	Mullet, Striped	6,417	3	
	Striped Bass	5,696	4	
	Shad, Gizzard	4,680	5	
Pungo River	Blue Crabs, Hard	652,869	1	
	Menhaden, Atlantic	20,392	2	
	Perch, White	8,398	3	
	Oysters	***	4	
	Blue Crabs, Peeler	4,013	5	

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

2019			
Waterbody	Species	Pounds	Rank
Roanoke River	Catfishes	***	1
Roanoke Sound	Blue Crabs, Hard	678,193	1
	Mullet, Striped	55,643	2
	Blue Crabs, Soft	45,048	3
	Blue Crabs, Peeler	22,450	4
	Shrimp, Brown	18,955	5
Shallotte River	Oysters	16,674	1
	Blue Crabs, Hard	***	2
	Clams, Hard	4,869	3
	Seatrout, Spotted	***	4
	Flounder, Southern	1,233	5
Stump Sound	Blue Crabs, Hard	195,986	1
	Oysters	76,140	2
	Flounder, Southern	4,694	3
	Mullet, Striped	3,044	4
	Shrimp, White	1,765	5
Topsail Sound	Blue Crabs, Hard	251,825	1
	Oysters	104,045	2
	Spot	19,531	3
	Clams, Hard	12,254	4
	Mullet, Striped	11,176	5
White Oak River	Blue Crabs, Hard	54,430	1
	Mullet, Striped	15,777	2
	Seatrout, Spotted	6,520	3
	Flounder, Southern	6,398	4
	Shrimp, Brown	***	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2018		
	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	7,497,673	1
	Catfishes	467,658	2
	Mullet, Striped	200,012	3
	Blue Crabs, Soft	152,729	4
	Flounder, Southern	147,510	5
Alligator River	Blue Crabs, Hard	1,047,099	1
	Blue Crabs, Peeler	34,557	2
	Perch, White	***	3
	Catfishes	1,379	4
	Mullet, Striped	***	5
Back Bay (VA)	Blue Crabs, Hard	***	1
Bay River	Blue Crabs, Hard	151,271	1
	Oysters	45,518	2
	Seatrout, Spotted	22,139	3
	Mullet, Striped	19,253	4
	Flounder, Southern	11,179	5
Bogue Sound	Blue Crabs, Hard	170,942	1
	Mullet, Striped	48,062	2
	Clams, Hard	27,602	3
	Shrimp, White	26,000	4
	Shrimp, Brown	24,600	5
Cape Fear River	Blue Crabs, Hard	351,938	1
	Flounder, Southern	23,469	2
	Shad, American	14,931	3
	Blue Crabs, Peeler	14,225	4
	Oysters	11,375	5
Chowan River	Catfishes	539,295	1
	Shad, Gizzard	107,957	2
	Blue Crabs, Hard	47,459	3
	Striped Bass	17,701	4
	Perch, White	7,677	5
Core Sound	Menhaden, Atlantic	187,872	1
	Mullet, Striped	178,430	2
	Blue Crabs, Hard	165,330	3
	Oysters	147,618	4
	Shrimp, Brown	123,467	5
Croatan Sound	Blue Crabs, Hard	657,892	1
	Blue Crabs, Peeler	45,633	2
	Mullet, Striped	31,423	3
	Shrimp, Brown	19,986	4
	Blue Crabs, Soft	10,328	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2018		
	Species	Pounds	Rank
Currituck Sound	Blue Crabs, Hard	1,058,853	1
	Catfishes	42,666	2
	Flounder, Southern	38,463	3
	Blue Crabs, Peeler	36,941	4
	Perch, White	14,583	5
Inland Waterway (Brunswick)	Blue Crabs, Hard	53,915	1
	Spot	9,092	2
	Seatrout, Spotted	8,701	3
	Mullet, Striped	8,610	4
	Flounder, Southern	6,331	5
Inland Waterway (Onslow)	Blue Crabs, Hard	44,234	1
	Shrimp, White	12,334	2
	Clams, Hard	9,811	3
	Shrimp, Brown	9,489	4
	Oysters	4,147	5
Lockwood's Folly River	Oysters	9,588	1
	Blue Crabs, Hard	***	2
	Flounder, Southern	2,999	3
	Seatrout, Spotted	2,184	4
	Clams, Hard	1,066	5
Masonboro Sound	Blue Crabs, Hard	133,947	1
	Oysters	30,462	2
	Flounder, Southern	22,915	3
	Clams, Hard	9,197	4
	Mullet, Striped	6,465	5
Neuse River	Blue Crabs, Hard	472,343	1
	Menhaden, Atlantic	198,620	2
	Mullet, Striped	131,532	3
	Shrimp, Brown	100,104	4
	Seatrout, Spotted	31,920	5
New River	Blue Crabs, Hard	285,552	1
	Clams, Hard	43,145	2
	Shrimp, White	37,052	3
	Oysters	34,382	4
	Flounder, Southern	19,716	5
Newport River	Blue Crabs, Hard	78,504	1
	Shrimp, White	53,729	2
	Oysters	46,590	3
	Mullet, Striped	34,329	4
	Shrimp, Brown	32,492	5
North River/Back Sound	Shrimp, White	39,421	1
	Blue Crabs, Hard	33,527	2
	Oysters	32,702	3
	Shrimp, Brown	22,199	4
	Clams, Hard	7,654	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

		2018		
Waterbody	Species	Pounds	Rank	
Ocean 0-3 mi, N of Cape Hatteras	Shrimp, White	440,603	1	
	Croaker, Atlantic	343,772	2	
	Sharks	91,838	3	
	Mackerel, Spanish	76,337	4	
	Kingfishes	73,941	5	
Ocean 0-3 mi,S of Cape Hatteras	Sharks, Dogfishes	1,268,962	1	
	Shrimp, White	1,048,034	2	
	Sharks	387,013	3	
	Mackerel, Spanish	386,957	4	
	Kingfishes	257,707	5	
Ocean >3 mi, N of Cape Hatteras	Flounder, Summer	1,645,491	1	
	Croaker, Atlantic	1,228,139	2	
	Tunas	1,062,332	3	
	Sea Basses	315,977	4	
	Bluefish	188,646	5	
Ocean >3 mi, S of Cape Hatteras	Mackerel, King	347,597	1	
	Tunas	327,704	2	
	Snappers	322,607	3	
	Swordfish	288,062	4	
	Sharks	244,980	5	
Pamlico River	Blue Crabs, Hard	988,203	1	
	Flounder, Southern	28,428	2	
	Perch, White	27,532	3	
	Menhaden, Atlantic	27,239	4	
	Blue Crabs, Peeler	17,853	5	
Pamlico Sound	Shrimp, Brown	5,597,967	1	
	Blue Crabs, Hard	1,827,037	2	
	Shrimp, White	1,663,791	3	
	Mullet, Striped	466,966	4	
	Flounder, Southern	396,296	5	
Pasquotank River	Blue Crabs, Hard	149,942	1	
	Catfishes	15,362	2	
	Striped Bass	2,968	3	
	Flounder, Southern	***	4	
	Mullet, Striped	***	5	
Perquimans River	Blue Crabs, Hard	43,947	1	
	Catfishes	12,310	2	
	Shad, Gizzard	5,353	3	
	Mullet, Striped	3,735	4	
	Striped Bass	2,013	5	
Pungo River	Blue Crabs, Hard	281,978	1	
	Perch, White	12,657	2	
	Menhaden, Atlantic	6,720	3	
	Blue Crabs, Peeler	4,423	4	
	Flounder, Southern	1,712	5	

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2018		
	Species	Pounds	Rank
Roanoke River	Catfishes	***	1
	Shad, Hickory	***	2
Roanoke Sound	Blue Crabs, Hard	430,493	1
	Blue Crabs, Soft	55,177	2
	Mullet, Striped	40,564	3
	Oysters	28,734	4
	Shrimp, Brown	9,718	5
Shallotte River	Blue Crabs, Hard	18,006	1
	Oysters	12,894	2
	Clams, Hard	3,590	3
	Flounder, Southern	1,878	4
	Blue Crabs, Peeler	***	5
Stump Sound	Blue Crabs, Hard	186,954	1
	Oysters	28,162	2
	Shrimp, White	17,701	3
	Flounder, Southern	9,377	4
	Mullet, Striped	8,875	5
Topsail Sound	Blue Crabs, Hard	158,894	1
	Oysters	72,507	2
	Flounder, Southern	18,203	3
	Clams, Hard	16,450	4
	Mullet, Striped	12,722	5
White Oak River	Blue Crabs, Hard	63,483	1
	Flounder, Southern	10,332	2
	Mullet, Striped	9,632	3
	Shrimp, White	***	4
	Clams, Hard	4,829	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2017		
	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	7,412,957	1
	Catfishes	473,867	2
	Flounder, Southern	258,221	3
	Blue Crabs, Soft	249,050	4
	Blue Crabs, Peeler	173,713	5
Alligator River	Blue Crabs, Hard	1,455,164	1
	Blue Crabs, Peeler	27,608	2
	Flounder, Southern	2,634	3
	Catfishes	934	4
	Perch, White	198	5
Back Bay (VA)	Blue Crabs, Hard	***	1
Bay River	Blue Crabs, Hard	183,467	1
	Oysters	158,870	2
	Mullet, Striped	52,687	3
	Seatrout, Spotted	15,246	4
	Flounder, Southern	9,553	5
Bogue Sound	Mullet, Striped	109,885	1
	Blue Crabs, Hard	109,737	2
	Clams, Hard	31,071	3
	Shrimp, White	26,986	4
	Menhaden, Atlantic	24,446	5
Cape Fear River	Blue Crabs, Hard	431,930	1
	Shrimp, White	59,255	2
	Oysters	26,327	3
	Flounder, Southern	20,071	4
	Blue Crabs, Peeler	13,910	5
Chowan River	Catfishes	530,774	1
	Shad, Gizzard	99,267	2
	Striped Bass	14,071	3
	Perch, White	6,346	4
	Shad, American	5,262	5
Core Sound	Blue Crabs, Hard	221,242	1
	Flounder, Southern	178,820	2
	Shrimp, White	152,378	3
	Mullet, Striped	144,920	4
	Oysters	125,747	5
Croatan Sound	Blue Crabs, Hard	713,318	1
	Blue Crabs, Peeler	173,970	2
	Shrimp, White	89,983	3
	Blue Crabs, Soft	56,052	4
	Mullet, Striped	28,370	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2017		
	Species	Pounds	Rank
Currituck Sound	Blue Crabs, Hard	1,163,268	1
	Blue Crabs, Peeler	51,600	2
	Catfishes	42,426	3
	Flounder, Southern	39,424	4
	Blue Crabs, Soft	13,466	5
Inland Waterway (Brunswick)	Blue Crabs, Hard	63,308	1
	Shrimp, White	13,623	2
	Spot	10,322	3
	Seatrout, Spotted	9,566	4
	Mullet, Striped	7,495	5
Inland Waterway (Onslow)	Blue Crabs, Hard	39,705	1
	Clams, Hard	12,901	2
	Shrimp, White	9,693	3
	Oysters	9,391	4
	Flounder, Southern	5,679	5
Lockwood's Folly River	Blue Crabs, Hard	***	1
	Oysters	20,160	2
	Flounder, Southern	3,020	3
	Clams, Hard	1,896	4
	Seatrout, Spotted	1,670	5
Masonboro Sound	Blue Crabs, Hard	114,098	1
	Oysters	39,390	2
	Flounder, Southern	33,214	3
	Spot	14,301	4
	Clams, Hard	8,401	5
Neuse River	Blue Crabs, Hard	617,656	1
	Mullet, Striped	143,925	2
	Shrimp, Brown	111,558	3
	Menhaden, Atlantic	57,783	4
	Seatrout, Spotted	48,132	5
New River	Blue Crabs, Hard	241,671	1
	Clams, Hard	87,050	2
	Shrimp, White	77,039	3
	Mullet, Striped	44,632	4
	Oysters	34,272	5
Newport River	Shrimp, White	127,331	1
	Oysters	78,942	2
	Blue Crabs, Hard	62,223	3
	Shrimp, Brown	38,067	4
	Mullet, Striped	24,403	5
North River/Back Sound	Shrimp, White	58,167	1
	Blue Crabs, Hard	54,826	2
	Oysters	30,201	3
	Clams, Hard	24,493	4
	Shrimp, Brown	13,235	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2017		
	Species	Pounds	Rank
Ocean 0-3 mi, N of Cape Hatteras	Shrimp, White	1,204,872	1
	Sharks, Dogfishes	323,233	2
	Croaker, Atlantic	247,305	3
	Bluefish	176,615	4
	Sharks	161,583	5
Ocean 0-3 mi, S of Cape Hatteras	Shrimp, White	2,654,149	1
	Kingfishes	705,523	2
	Mackerel, Spanish	453,978	3
	Sharks	424,983	4
	Shrimp, Brown	289,373	5
Ocean >3 mi, N of Cape Hatteras	Tunas	1,583,815	1
	Flounder, Summer	1,550,574	2
	Croaker, Atlantic	656,013	3
	Bluefish	475,591	4
	Sea Basses	388,704	5
Ocean >3 mi, S of Cape Hatteras	Mackerel, King	421,698	1
	Tunas	346,088	2
	Snappers	286,745	3
	Swordfish	255,767	4
	Sea Basses	243,653	5
Pamlico River	Blue Crabs, Hard	1,178,907	1
	Mullet, Striped	54,214	2
	Flounder, Southern	34,365	3
	Perch, White	32,557	4
	Menhaden, Atlantic	22,558	5
Pamlico Sound	Shrimp, White	4,514,723	1
	Shrimp, Brown	3,945,477	2
	Blue Crabs, Hard	2,405,882	3
	Flounder, Southern	623,327	4
	Bluefish	449,077	5
Pasquotank River	Blue Crabs, Hard	215,103	1
	Flounder, Southern	***	2
	Catfishes	2,739	3
	Mullet, Striped	***	4
	Shad, American	***	5
Perquimans River	Blue Crabs, Hard	24,585	1
	Shad, American	***	2
	Catfishes	7,773	3
	Mullet, Striped	3,097	4
	Perch, Yellow	2,594	5
Pungo River	Blue Crabs, Hard	508,439	1
	Menhaden, Atlantic	***	2
	Perch, White	17,371	3
	Blue Crabs, Peeler	11,431	4
	Flounder, Southern	4,453	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2017		
	Species	Pounds	Rank
Roanoke River	Catfishes	65,049	1
	Shad, American	***	2
Roanoke Sound	Blue Crabs, Hard	434,846	1
	Blue Crabs, Soft	84,769	2
	Oysters	45,673	3
	Mullet, Striped	41,232	4
	Bluefish	20,892	5
Shallotte River	Blue Crabs, Hard	***	1
	Oysters	16,822	2
	Seatrout, Spotted	8,912	3
	Clams, Hard	5,444	4
	Mullet, Striped	5,112	5
Stump Sound	Blue Crabs, Hard	137,210	1
	Oysters	26,964	2
	Flounder, Southern	10,392	3
	Shrimp, White	10,138	4
	Clams, Hard	6,406	5
Topsail Sound	Blue Crabs, Hard	167,599	1
	Oysters	84,372	2
	Spot	30,865	3
	Flounder, Southern	27,774	4
	Mullet, Striped	25,873	5
White Oak River	Blue Crabs, Hard	52,937	1
	Mullet, Striped	28,686	2
	Shrimp, White	15,877	3
	Flounder, Southern	13,756	4
	Clams, Hard	7,293	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2016		
	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	8,693,313	1
	Catfishes	485,322	2
	Blue Crabs, Soft	208,362	3
	Blue Crabs, Peeler	141,235	4
	Perch, White	133,237	5
Alligator River	Blue Crabs, Hard	2,593,026	1
	Blue Crabs, Peeler	24,310	2
	Flounder, Southern	1,512	3
	Catfishes	1,377	4
	Perch, White	1,290	5
Back Bay (VA)	Blue Crabs, Hard	***	1
	Blue Crabs, Peeler	***	2
Bay River	Blue Crabs, Hard	184,812	1
	Seatrout, Spotted	26,207	2
	Oysters	16,946	3
	Flounder, Southern	16,349	4
	Mullet, Striped	16,210	5
Bogue Sound	Blue Crabs, Hard	173,603	1
	Mullet, Striped	83,978	2
	Shrimp, White	50,272	3
	Menhaden, Atlantic	28,091	4
	Clams, Hard	25,296	5
Cape Fear River	Blue Crabs, Hard	521,687	1
	Shrimp, White	75,747	2
	Oysters	19,997	3
	Flounder, Southern	18,126	4
	Shad, American	12,937	5
Chowan River	Catfishes	420,269	1
	Shad, Gizzard	103,912	2
	Perch, White	11,071	3
	Striped Bass	9,297	4
	Shad, American	2,449	5
Core Sound	Blue Crabs, Hard	359,489	1
	Shrimp, White	241,527	2
	Flounder, Southern	109,314	3
	Shrimp, Brown	105,745	4
	Mullet, Striped	101,784	5
Croatan Sound	Blue Crabs, Hard	1,545,102	1
	Blue Crabs, Peeler	63,290	2
	Blue Crabs, Soft	28,928	3
	Shrimp, White	19,852	4
	Mullet, Striped	10,992	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2016		
	Species	Pounds	Rank
Currituck Sound	Blue Crabs, Hard	1,477,884	1
	Flounder, Southern	40,836	2
	Blue Crabs, Peeler	26,750	3
	Catfishes	23,151	4
	Blue Crabs, Soft	13,357	5
Inland Waterway (Brunswick)	Blue Crabs, Hard	85,240	1
	Seatrout, Spotted	9,671	2
	Flounder, Southern	5,515	3
	Shrimp, White	4,406	4
	Mullet, Striped	2,970	5
Inland Waterway (Onslow)	Blue Crabs, Hard	39,848	1
	Clams, Hard	25,429	2
	Shrimp, White	12,420	3
	Oysters	6,835	4
	Flounder, Southern	5,096	5
Lockwood's Folly River	Blue Crabs, Hard	21,156	1
	Oysters	13,247	2
	Flounder, Southern	2,520	3
	Seatrout, Spotted	2,235	4
	Clams, Hard	1,544	5
Masonboro Sound	Blue Crabs, Hard	124,074	1
	Oysters	34,587	2
	Flounder, Southern	29,128	3
	Spot	16,379	4
	Mullet, Striped	10,026	5
Neuse River	Blue Crabs, Hard	744,339	1
	Shrimp, Brown	119,391	2
	Mullet, Striped	76,518	3
	Shrimp, White	41,612	4
	Seatrout, Spotted	36,928	5
New River	Shrimp, White	172,732	1
	Clams, Hard	145,642	2
	Blue Crabs, Hard	135,040	3
	Mullet, Striped	60,012	4
	Shrimp, Brown	36,251	5
Newport River	Shrimp, White	249,293	1
	Blue Crabs, Hard	144,241	2
	Shrimp, Brown	65,104	3
	Oysters	52,656	4
	Clams, Hard	14,595	5
North River/Back Sound	Shrimp, White	188,401	1
	Blue Crabs, Hard	69,853	2
	Shrimp, Brown	29,308	3
	Oysters	21,391	4
	Clams, Hard	20,366	5

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2016		
	Species	Pounds	Rank
Ocean 0-3 mi, N of Cape Hatteras	Shrimp, White	1,579,281	1
	Sharks, Dogfishes	966,937	2
	Croaker, Atlantic	641,704	3
	Sharks	146,598	4
	Bluefish	126,102	5
Ocean 0-3 mi, S of Cape Hatteras	Shrimp, White	2,635,247	1
	Sharks, Dogfishes	1,242,504	2
	Kingfishes	629,101	3
	Sharks	495,236	4
	Shrimp, Brown	370,920	5
Ocean >3 mi, N of Cape Hatteras	Flounder, Summer	2,052,053	1
	Croaker, Atlantic	1,156,705	2
	Tunas	977,944	3
	Bluefish	313,647	4
	Sea Basses	225,051	5
Ocean >3 mi, s of Cape Hatteras	Tunas	313,719	1
	Mackerel, King	304,688	2
	Swordfish	281,835	3
	Snappers	279,276	4
	Dolphinfish	258,412	5
Pamlico River	Blue Crabs, Hard	1,953,966	1
	Mullet, Striped	39,468	2
	Flounder, Southern	22,188	3
	Blue Crabs, Peeler	19,568	4
	Perch, White	14,788	5
Pamlico Sound	Blue Crabs, Hard	4,164,011	1
	Shrimp, Brown	4,058,120	2
	Shrimp, White	2,912,981	3
	Bluefish	459,094	4
	Flounder, Southern	386,097	5
Pasquotank River	Blue Crabs, Hard	***	1
	Catfishes	***	2
	Flounder, Southern	***	3
	Blue Crabs, Soft	***	4
	Perch, White	***	5
Perquimans River	Blue Crabs, Hard	***	1
	Perch, Yellow	***	2
	Catfishes	***	3
	Flounder, Southern	***	4
	Perch, White	***	5
Pungo River	Blue Crabs, Hard	606,681	1
	Perch, White	12,647	2
	Flounder, Southern	5,602	3
	Blue Crabs, Peeler	4,550	4
	Catfishes	2,280	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2016		
	Species	Pounds	Rank
Roanoke River	Catfishes	***	1
	Perch, White	***	2
Roanoke Sound	Blue Crabs, Hard	563,209	1
	Oysters	37,605	2
	Mullet, Striped	32,879	3
	Blue Crabs, Soft	25,093	4
	Shrimp, White	11,549	5
Shallotte River	Blue Crabs, Hard	25,430	1
	Oysters	12,511	2
	Clams, Hard	5,151	3
	Shrimp, White	***	4
	Seatrout, Spotted	3,048	5
Stump Sound	Blue Crabs, Hard	59,520	1
	Oysters	36,569	2
	Flounder, Southern	13,624	3
	Shrimp, White	12,991	4
	Clams, Hard	10,336	5
Topsail Sound	Blue Crabs, Hard	209,060	1
	Oysters	82,832	2
	Mullet, Striped	26,566	3
	Flounder, Southern	20,911	4
	Clams, Hard	18,603	5
White Oak River	Shrimp, White	44,327	1
	Blue Crabs, Hard	33,155	2
	Mullet, Striped	22,367	3
	Flounder, Southern	10,851	4
	Drum, Red	4,696	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2015		
	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	13,147,276	1
	Catfishes	438,880	2
	Flounder, Southern	262,212	3
	Blue Crabs, Soft	251,880	4
	Blue Crabs, Peeler	165,081	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	1,330,243	1
	Blue Crabs, Peeler	178,416	2
	Mullet, Striped	125,874	3
	Menhaden, Atlantic	62,992	4
	Blue Crabs, Soft	61,080	5

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

Waterbody	2015		
	Species	Pounds	Rank
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
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 River	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

**Table II.5 Top five species landed by waterbody (continued).**

		2015		
Waterbody	Species	Pounds	Rank	
Ocean 0-3 mi, N of Cape Hatteras	Sharks, Dogfishes	948,376	1	
	Croaker, Atlantic	528,126	2	
	Sharks	127,689	3	
	Bluefish	72,719	4	
	Kingfishes	46,225	5	
Ocean 0-3 mi, S of Cape Hatteras	Sharks, Dogfishes	3,219,025	1	
	Shrimp, White	875,729	2	
	Kingfishes	585,344	3	
	Shrimp, Brown	508,786	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	718,502	3	
	Sea Basses	240,602	4	
	Scup	229,664	5	
Ocean >3 mi, S of Cape Hatteras	Tunas	519,394	1	
	Swordfish	406,026	2	
	Mackerel, King	297,275	3	
	Groupers	258,183	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	5,040,681	1	
	Blue Crabs, Hard	3,354,939	2	
	Shrimp, White	1,486,890	3	
	Flounder, Southern	470,012	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	

\*\*\* indicates confidential data

**Table II.5 Top five species landed by waterbody (continued).**

		2015		
Waterbody	Species	Pounds	Rank	
Roanoke River	Catfishes	***	1	
Roanoke Sound	Blue Crabs, Hard	534,272	1	
	Oysters	59,316	2	
	Mullet, Striped	49,540	3	
	Blue Crabs, Soft	38,804	4	
	Blue Crabs, Peeler	8,957	5	
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	8,728	4	
	Clams, Hard	6,852	5	
Topsail Sound	Blue Crabs, Hard	191,873	1	
	Oysters	85,219	2	
	Mullet, Striped	28,179	3	
	Flounder, Southern	24,359	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	

\*\*\* indicates confidential data

**Table II.6 Commercial oyster landings by year (years with zero or unknown landings are not included).**

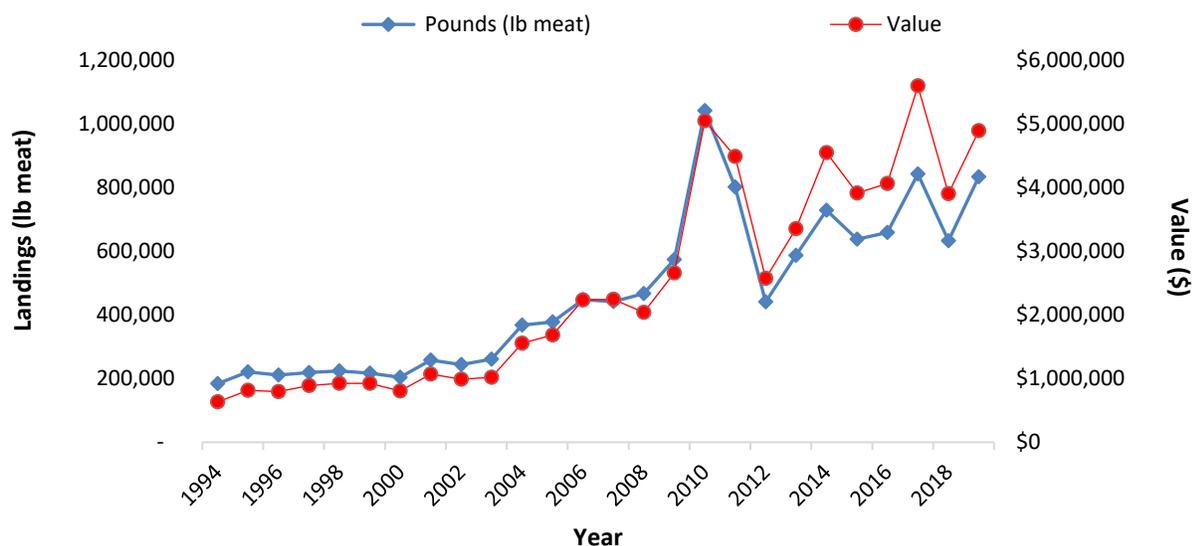
Year	Pounds Meat	Bushels <sup>1</sup>	Value
2019	832,760	157,422	\$4,889,703
2018	632,502	119,566	\$3,897,979
2017	841,614	159,095	\$5,590,559
2016	658,140	124,412	\$4,059,849
2015	637,069	120,429	\$3,911,399
2014	727,775	137,576	\$4,544,236
2013	586,625	110,893	\$3,353,126
2012	440,063	83,188	\$2,572,073
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

<sup>1</sup> 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.

**Table II.6 Commercial oyster landings by year (years with zero or unknown landings are not included) (continued).**

Year	Pounds Meat	Bushels <sup>1</sup>	Value
1960	1,216,200	288,884	\$560,442
1959	1,311,000	286,871	\$587,607
1958	1,041,500	228,399	\$434,311
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

<sup>1</sup> 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 II.3 Commercial oyster landings and ex-vessel value.**

**Table II.7 Commercial oyster landings (pounds of meat) by gear type (years with zero or unknown landings are not included) .**

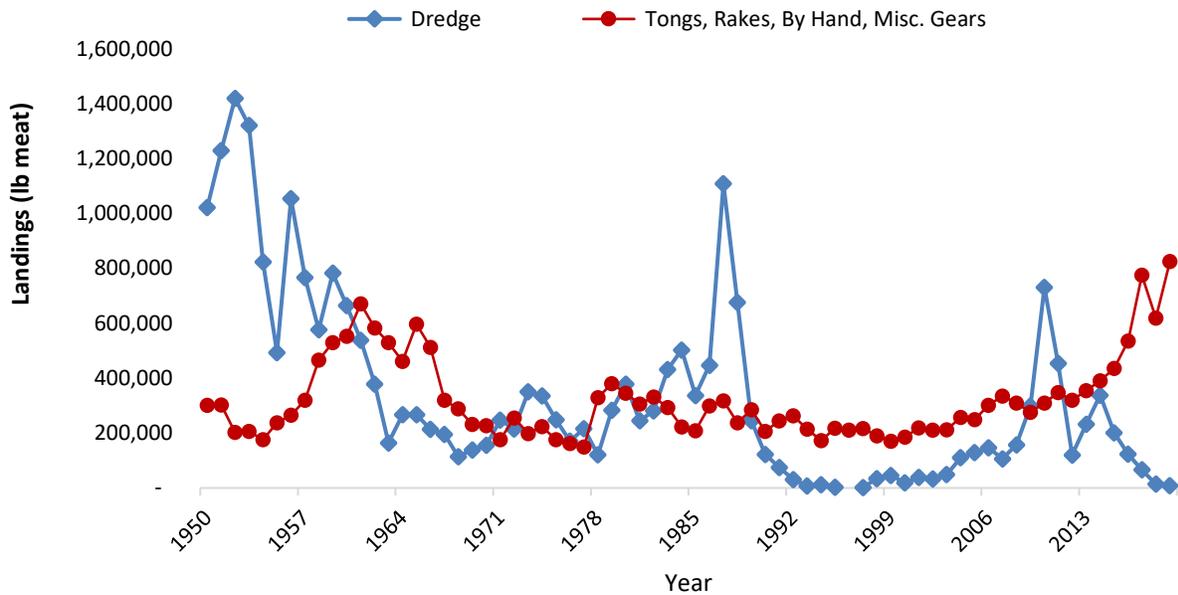
Year	Dredge	Tongs, Rakes, By Hand, Misc. Gears <sup>2</sup>	Total
2019	8,431	824,329	832,760
2018	14,276	618,225	632,502
2017	66,301	775,314	841,614
2016	123,227	534,913	658,140
2015	201,425	435,645	637,069
2014	337,897	389,878	727,775
2013	231,910	354,715	586,625
2012	120,106	319,957	440,063
2011	452,956	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

\*\*\* indicates confidential data; <sup>2</sup> Confidential dredge data were added to "Tongs, Rakes, By hand, Misc. Gears".

**Table II.7 Commercial oyster landings (pounds of meat) by gear type (continued).**

Year	Dredge	Tongs, Rakes, By Hand, Misc. Gears <sup>2</sup>	Total
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
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

<sup>2</sup> Confidential dredge data were added to “Tongs, Rakes, By hand, Misc. Gears”.



**Figure II.4 Commercial oyster landings by gear type.**

**Table II.8 Commercial seafood landings by county of landing.**

County	2019		2018		2017	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	2,279,593	\$2,378,018	2,096,939	\$2,307,721	2,489,730	\$2,636,031
Bertie	***	***	***	***	***	***
Brunswick	1,658,653	\$4,895,729	1,115,686	\$3,284,033	1,652,361	\$4,569,507
Camden	2,843,873	\$3,452,682	2,362,967	\$2,735,193	2,915,990	\$3,877,037
Carteret	7,434,779	\$18,636,908	6,739,952	\$16,589,911	8,680,110	\$20,662,095
Chowan	986,355	\$297,382	792,796	\$299,936	735,952	\$304,320
Craven	373,948	\$657,717	389,913	\$629,376	324,944	\$442,415
Currituck	1,643,501	\$1,852,262	1,344,051	\$1,571,343	1,416,051	\$1,699,968
Dare	13,966,829	\$19,822,344	12,618,339	\$19,280,585	14,138,468	\$23,683,159
Hertford	***	***	***	***	***	***
Hyde	6,415,630	\$9,182,132	6,383,321	\$10,815,091	7,313,115	\$12,811,250
Inland Counties	67,674	\$323,640	72,305	\$213,855	99,863	\$302,328
New Hanover	1,494,304	\$3,106,415	1,050,014	\$2,318,720	1,265,883	\$2,725,378
Onslow	2,025,165	\$5,271,885	1,459,550	\$3,580,125	2,315,270	\$5,792,909
Pamlico	4,198,132	\$8,948,642	3,726,906	\$8,051,828	4,260,731	\$9,836,132
Pasquotank	626,154	\$692,760	672,629	\$797,936	893,032	\$1,161,145
Pender	763,421	\$1,555,560	603,313	\$1,323,692	838,924	\$1,902,681
Perquimans	1,375,277	\$1,441,073	1,612,047	\$1,922,785	1,570,223	\$1,770,108
Tyrrell	4,779,513	\$4,100,869	2,684,793	\$2,149,152	3,430,334	\$2,397,800
Washington	0	\$0	0	\$0	0	\$0

County	2016		2015		2014	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	3,404,104	\$3,224,480	4,495,364	\$4,932,428	3,249,440	\$4,403,721
Bertie	***	***	***	***	***	***
Brunswick	1,678,949	\$4,547,730	1,284,680	\$3,219,740	1,114,616	\$2,914,721
Camden	3,371,202	\$3,696,546	5,446,271	\$5,343,108	4,629,560	\$6,087,926
Carteret	8,001,306	\$18,222,596	8,660,735	\$18,305,211	7,299,214	\$14,583,443
Chowan	685,110	\$237,713	591,584	\$219,963	446,182	\$199,679
Craven	391,139	\$518,017	499,205	\$712,684	389,014	\$608,256
Currituck	1,542,398	\$1,677,367	1,914,901	\$2,196,555	2,079,441	\$2,944,797
Dare	16,100,333	\$21,279,105	18,183,998	\$20,975,467	22,252,532	\$26,596,445
Hertford	***	***	15,305	\$7,175	***	***
Hyde	7,856,865	\$12,860,060	6,752,810	\$10,980,166	5,239,588	\$10,352,880
Inland Counties	106,314	\$294,477	148,338	\$317,743	169,092	\$346,563
New Hanover	1,256,984	\$2,418,849	1,071,363	\$2,093,511	1,252,362	\$2,386,070
Onslow	2,562,771	\$6,558,833	1,813,721	\$6,019,544	1,706,415	\$4,639,413
Pamlico	4,405,708	\$10,561,218	4,042,892	\$8,478,567	2,513,620	\$6,465,954
Pasquotank	1,552,129	\$1,631,780	1,923,425	\$2,028,290	1,990,180	\$2,664,870
Pender	889,751	\$1,801,438	891,802	\$1,724,204	830,158	\$1,611,802
Perquimans	1,388,517	\$1,632,778	1,738,222	\$2,226,655	1,693,013	\$2,560,722
Tyrrell	4,714,422	\$2,928,358	6,427,149	\$4,922,453	5,072,978	\$4,727,104
Washington	***	***	0	\$0	0	\$0

\*\*\* indicates confidential data; Confidential data were added to "Inland County" totals.

**Table II.8 Commercial seafood landings by county of landing (continued).**

County	2013		2012		2011	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	2,159,564	\$3,237,300	3,330,657	\$3,079,367	5,023,479	\$4,152,472
Bertie	***	***	***	***	38,388	\$10,280
Brunswick	1,251,966	\$3,252,513	1,244,761	\$2,767,192	1,335,968	\$2,785,066
Camden	4,096,032	\$5,870,240	4,322,362	\$4,330,807	4,150,476	\$3,131,750
Carteret	6,381,791	\$11,662,006	6,503,697	\$11,227,322	5,350,625	\$8,272,170
Chowan	546,029	\$287,406	574,843	\$335,009	413,085	\$239,763
Craven	443,793	\$608,423	593,407	\$608,674	717,493	\$807,931
Currituck	1,565,378	\$2,300,567	1,945,318	\$1,965,199	1,603,352	\$1,380,009
Dare	16,100,995	\$21,313,461	16,751,090	\$21,073,926	24,599,293	\$22,467,509
Hertford	***	***	***	***	***	***
Hyde	4,144,541	\$7,376,227	6,918,532	\$7,978,893	9,032,314	\$9,429,867
Inland Counties	129,195	\$260,536	122,044	\$228,199	134,794	\$226,572
New Hanover	1,198,839	\$2,351,012	1,441,653	\$2,389,181	1,460,422	\$2,371,088
Onslow	1,747,666	\$4,560,542	2,017,616	\$4,583,456	1,820,271	\$3,895,819
Pamlico	1,861,628	\$4,497,168	2,765,390	\$4,620,865	3,539,844	\$6,477,985
Pasquotank	1,716,990	\$2,638,161	1,423,397	\$1,603,366	1,652,881	\$1,206,310
Pender	848,278	\$1,592,380	814,900	\$1,419,408	840,520	\$1,417,835
Perquimans	1,586,832	\$2,558,658	1,433,640	\$1,686,005	1,242,962	\$964,818
Tyrrell	4,397,899	\$4,724,874	4,454,024	\$2,650,899	4,536,197	\$1,943,304
Washington	***	***	***	***	0	\$0

County	2010		2009		2008	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	4,823,056	\$4,644,690	3,837,501	\$3,474,466	4,580,352	\$4,099,403
Bertie	***	***	***	***	***	***
Brunswick	1,595,752	\$3,181,141	1,889,848	\$3,539,845	1,933,433	\$4,160,604
Camden	3,645,964	\$3,189,118	3,832,549	\$4,104,569	4,245,487	\$3,647,911
Carteret	6,063,962	\$9,239,847	5,576,263	\$9,542,039	6,026,421	\$11,225,438
Chowan	451,643	\$389,701	765,565	\$657,421	1,024,048	\$896,818
Craven	614,054	\$729,869	515,899	\$523,024	579,851	\$604,878
Currituck	1,814,522	\$1,803,842	2,738,120	\$3,085,818	2,506,118	\$2,405,503
Dare	25,613,593	\$22,016,773	25,447,498	\$21,932,021	22,712,673	\$23,004,813
Hertford	13,462	\$8,808	***	***	***	***
Hyde	9,231,578	\$10,595,714	7,008,594	\$8,119,846	8,692,564	\$10,825,856
Inland Counties	84,991	\$180,209	101,192	\$165,871	70,474	\$141,116
New Hanover	1,475,560	\$2,272,778	1,463,768	\$2,127,668	1,723,248	\$2,492,705
Onslow	2,015,763	\$4,447,869	2,028,589	\$3,952,355	2,623,174	\$6,108,333
Pamlico	4,410,038	\$8,425,325	3,559,703	\$6,240,605	4,566,908	\$7,679,743
Pasquotank	1,829,314	\$1,696,429	1,781,300	\$1,808,029	1,499,484	\$1,452,721
Pender	840,187	\$1,354,707	825,585	\$1,070,019	697,483	\$997,519
Perquimans	2,177,957	\$2,017,789	2,161,602	\$2,405,460	1,867,846	\$2,026,609
Tyrrell	4,726,778	\$3,320,459	4,526,443	\$3,709,536	4,569,584	\$3,763,164
Washington	***	***	874,490	\$720,229	1,248,633	\$1,256,436

\*\*\* indicates confidential data; Confidential data were added to "Inland County" totals

**Table II.8 Commercial seafood landings by county of landing (continued).**

County	2007		2006		2005	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	3,642,129	\$3,465,846	4,613,054	\$3,072,633	4,733,634	\$3,499,329
Bertie	***	***	***	***	***	***
Brunswick	1,985,451	\$3,839,006	2,292,395	\$3,880,894	2,029,644	\$3,387,538
Camden	2,973,324	\$3,032,980	2,054,055	\$1,496,357	2,092,856	\$1,666,401
Carteret	6,577,089	\$11,751,794	6,690,483	\$10,542,779	19,297,720	\$11,424,679
Chowan	771,057	\$631,346	683,120	\$432,011	724,349	\$374,744
Craven	417,932	\$429,187	712,691	\$477,929	699,967	\$533,625
Currituck	1,982,875	\$2,247,667	1,508,778	\$1,241,688	1,313,922	\$1,237,746
Dare	22,379,838	\$23,135,374	26,592,842	\$22,810,417	27,042,154	\$20,870,848
Hertford	***	***	***	***	***	***
Hyde	6,388,500	\$9,967,358	6,618,692	\$7,406,151	7,365,279	\$6,158,221
Inland Counties	69,709	\$172,522	79,031	\$148,578	83,009	\$126,520
New Hanover	1,575,024	\$2,661,608	1,709,296	\$2,325,840	1,381,366	\$1,984,655
Onslow	2,548,886	\$5,539,328	2,549,223	\$5,060,883	1,517,949	\$3,681,584
Pamlico	4,838,538	\$8,191,869	4,149,317	\$4,998,079	5,048,666	\$5,321,618
Pasquotank	766,193	\$1,053,125	782,475	\$843,482	1,057,464	\$954,930
Pender	693,528	\$1,080,950	632,104	\$751,226	624,065	\$565,453
Perquimans	1,147,958	\$1,452,648	1,669,396	\$1,452,089	1,063,408	\$927,389
Tyrrell	3,059,919	\$2,469,638	4,097,877	\$2,190,365	2,923,396	\$1,618,754
Washington	1,025,286	\$1,143,071	1,254,764	\$913,557	563,723	\$522,475

County	2004		2003		2002	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	5,218,169	\$3,671,694	6,247,212	\$5,290,595	6,409,978	\$5,702,674
Bertie	28,383	\$11,075	21,820	\$11,566	85,522	\$34,711
Brunswick	2,411,413	\$3,792,502	2,234,861	\$3,460,757	2,179,439	\$3,305,267
Camden	2,072,470	\$1,834,027	3,654,632	\$4,102,430	2,417,663	\$2,927,849
Carteret	61,071,095	\$19,414,006	59,161,337	\$18,759,619	82,063,534	\$19,750,593
Chowan	609,001	\$301,324	874,079	\$483,472	942,148	\$449,909
Craven	807,392	\$515,457	963,336	\$751,616	873,648	\$740,739
Currituck	2,097,390	\$1,643,460	2,014,165	\$2,151,322	3,320,548	\$3,614,111
Dare	31,185,781	\$20,518,707	32,531,807	\$20,075,541	28,885,154	\$23,012,023
Hertford	***	***	***	***	***	***
Hyde	9,230,668	\$7,875,959	10,576,504	\$8,823,278	10,647,958	\$9,540,281
Inland Counties	126,656	\$158,729	194,842	\$196,034	188,870	\$189,218
New Hanover	1,725,600	\$2,224,553	1,811,094	\$2,677,715	1,763,671	\$2,556,967
Onslow	2,333,216	\$4,609,788	2,933,792	\$5,291,573	2,929,750	\$5,501,681
Pamlico	7,035,847	\$7,219,044	5,517,436	\$5,800,535	5,826,838	\$7,021,721
Pasquotank	1,897,746	\$1,541,135	3,239,107	\$3,006,559	3,341,211	\$2,996,952
Pender	554,400	\$620,866	610,732	\$730,963	549,404	\$747,503
Perquimans	1,318,462	\$1,153,182	1,758,319	\$1,524,524	2,369,701	\$2,374,948
Tyrrell	3,282,247	\$1,848,597	4,259,950	\$3,339,298	3,966,659	\$3,092,913
Washington	1,057,670	\$735,924	781,818	\$622,457	1,351,769	\$1,170,404

\*\*\* indicates confidential data; Confidential data were added to "Inland County" totals.

**Table II.8 Commercial seafood landings by county of landing (continued).**

County	2001		2000		1999	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	4,776,900	\$4,907,553	7,394,790	\$7,156,475	10,820,570	\$7,370,878
Bertie	74,534	\$29,393	109,037	\$46,188	147,642	\$62,508
Brunswick	2,410,822	\$3,694,046	2,600,902	\$4,294,369	2,946,186	\$5,300,956
Camden	2,308,912	\$2,689,077	2,768,148	\$3,330,128	2,023,684	\$1,527,574
Carteret	66,193,598	\$18,800,443	69,003,786	\$20,757,599	57,126,849	\$19,451,867
Chowan	1,036,071	\$440,313	1,566,293	\$697,358	1,394,165	\$685,536
Craven	755,321	\$628,082	669,274	\$548,526	877,582	\$644,186
Currituck	2,054,782	\$2,050,575	2,074,254	\$2,021,142	2,372,177	\$1,698,542
Dare	31,515,245	\$24,829,692	33,330,693	\$26,351,359	33,692,276	\$22,667,226
Hertford	***	***	28,013	\$11,379	60,776	\$23,118
Hyde	9,099,192	\$8,210,058	11,985,385	\$12,705,953	15,653,575	\$12,656,679
Inland Counties	151,976	\$156,696	138,331	\$166,904	156,224	\$153,747
New Hanover	1,651,734	\$2,371,855	1,735,017	\$2,490,520	2,060,133	\$2,883,016
Onslow	2,766,666	\$5,434,469	3,014,737	\$6,429,094	2,679,071	\$5,668,797
Pamlico	4,943,147	\$6,448,001	8,754,679	\$12,476,980	11,050,890	\$10,683,368
Pasquotank	1,979,675	\$2,093,436	2,279,306	\$2,420,605	2,563,545	\$1,940,050
Pender	550,113	\$817,866	586,962	\$876,031	663,516	\$833,652
Perquimans	1,623,054	\$1,704,309	1,718,345	\$1,804,635	2,273,449	\$1,938,768
Tyrrell	3,032,481	\$2,612,295	3,760,970	\$3,068,124	4,427,709	\$2,875,156
Washington	200,844	\$209,883	701,177	\$661,440	751,025	\$613,989

County	1998		1997		1996	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	10,104,914	\$8,015,017	11,730,954	\$8,272,671	13,854,084	\$9,773,318
Bertie	***	***	***	***	***	***
Brunswick	2,996,541	\$4,845,754	2,785,412	\$4,604,358	2,784,278	\$4,593,194
Camden	1,690,689	\$1,532,161	1,357,224	\$928,689	1,040,711	\$721,420
Carteret	81,009,440	\$21,377,411	128,823,406	\$29,062,208	75,236,806	\$23,131,639
Chowan	1,801,899	\$918,753	1,612,346	\$866,035	2,045,417	\$1,052,106
Craven	836,710	\$624,378	751,578	\$604,430	962,425	\$719,359
Currituck	2,145,108	\$1,867,611	2,109,005	\$1,697,383	2,610,442	\$1,861,066
Dare	36,570,105	\$23,468,050	37,965,834	\$24,148,242	43,053,067	\$23,479,609
Hertford	60,557	\$22,062	17,232	\$8,345	97,697	\$24,685
Hyde	16,122,447	\$10,943,463	14,831,012	\$11,461,200	15,051,232	\$9,753,890
Inland Counties	143,898	\$138,645	78,368	\$106,035	234,585	\$259,947
New Hanover	2,033,257	\$2,876,083	2,224,068	\$3,167,476	1,804,819	\$2,645,396
Onslow	2,664,600	\$5,217,762	2,522,319	\$5,122,150	2,388,049	\$4,444,469
Pamlico	10,471,211	\$9,252,962	12,829,209	\$11,800,957	13,460,405	\$11,832,468
Pasquotank	3,824,416	\$3,500,197	2,471,794	\$2,188,552	6,043,775	\$4,610,342
Pender	544,388	\$792,659	596,240	\$776,830	561,248	\$689,318
Perquimans	1,911,045	\$1,819,887	1,239,824	\$1,127,763	1,859,839	\$1,310,008
Tyrrell	4,750,585	\$3,329,741	4,031,660	\$2,543,786	7,173,036	\$4,091,821
Washington	434,161	\$404,801	457,383	\$471,216	727,822	\$517,718

\*\*\* indicates confidential data; Confidential data were added to "Inland County" totals.

**Table II.8 Commercial seafood landings by county of landing (continued).**

County	1995		1994		1993	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	9,905,250	\$8,658,047	10,076,108	\$6,442,223	4,918,238	\$2,272,079
Bertie	***	***	177,297	\$153,594	173,364	\$21,002
Brunswick	3,707,410	\$5,326,154	2,976,168	\$4,497,336	2,396,479	\$3,567,143
Camden	209,842	\$239,536	5,898	\$5,244	90,788	\$45,678
Carteret	80,532,098	\$24,906,882	96,559,262	\$20,535,216	89,947,140	\$18,309,071
Chowan	1,610,296	\$802,703	2,328,338	\$922,836	2,434,738	\$510,823
Craven	504,012	\$504,291	635,902	\$503,097	581,414	\$311,401
Currituck	2,684,864	\$1,940,097	2,001,798	\$1,013,343	1,295,049	\$476,743
Dare	38,983,539	\$27,251,217	38,183,420	\$21,336,692	34,035,050	\$14,040,502
Hertford	53,148	\$13,921	61,806	\$10,182	9,180	\$2,151
Hyde	10,980,132	\$9,682,914	13,586,291	\$10,639,438	12,189,360	\$6,131,467
Inland Counties	137,797	\$158,713	120,116	\$129,309	51,500	\$49,175
New Hanover	2,218,600	\$3,218,894	2,365,571	\$3,073,359	1,954,103	\$2,847,124
Onslow	3,031,601	\$4,969,330	2,791,546	\$4,201,379	3,506,305	\$4,388,078
Pamlico	8,543,045	\$10,886,663	9,217,487	\$9,960,997	5,705,948	\$4,932,715
Pasquotank	6,191,765	\$5,471,849	6,522,378	\$4,400,584	6,780,917	\$3,237,332
Pender	683,842	\$800,128	637,684	\$737,368	1,483,311	\$1,873,426
Perquimans	1,168,039	\$1,070,720	214,815	\$135,216	8,996	\$2,112
Tyrrell	4,497,879	\$3,402,560	4,402,877	\$2,515,137	2,887,573	\$1,472,192
Washington	***	***	47,564	\$57,993	248,023	\$113,578

County	1992		1991		1990	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	2,108,611	\$1,170,303	4,377,009	\$1,989,928	5,556,306	\$2,493,771
Bertie	157,714	\$18,623	153,827	\$16,774	166,260	\$33,104
Brunswick	2,295,970	\$3,505,909	2,653,153	\$3,802,878	2,994,535	\$4,594,695
Camden	506,431	\$132,779	851,551	\$146,994	665,256	\$140,918
Carteret	78,968,484	\$16,506,222	136,587,982	\$22,665,854	101,254,152	\$22,683,982
Chowan	3,858,334	\$779,232	3,498,293	\$539,760	2,396,190	\$491,418
Craven	597,943	\$293,949	864,408	\$325,093	345,500	\$121,045
Currituck	1,995,809	\$553,806	2,190,552	\$850,324	1,731,874	\$618,699
Dare	29,904,877	\$13,008,123	22,850,723	\$11,160,676	22,913,372	\$14,038,249
Hertford	154,549	\$15,458	17,561	\$1,534	11,754	\$1,788
Hyde	11,970,320	\$6,089,075	15,183,668	\$7,753,016	15,028,053	\$7,239,892
Inland Counties	27,700	\$20,330	22,880	\$10,520	19,148	\$9,980
New Hanover	1,751,694	\$2,520,307	2,026,266	\$2,552,618	2,405,520	\$3,283,629
Onslow	2,722,744	\$2,809,277	4,067,256	\$4,217,004	4,166,198	\$4,605,631
Pamlico	7,081,927	\$5,946,775	10,119,620	\$7,660,184	10,342,871	\$7,774,458
Pasquotank	6,967,831	\$2,688,331	3,868,682	\$1,202,734	2,973,731	\$969,460
Pender	1,006,837	\$1,176,446	1,277,035	\$1,423,856	1,142,231	\$1,295,114
Perquimans	0	\$0	1,000	\$241	6,625	\$1,017
Tyrrell	2,064,389	\$759,571	1,863,839	\$455,515	639,345	\$253,359
Washington	287,657	\$30,128	165,843	\$12,203	233,948	\$42,081

**Table II.8 Commercial seafood landings by county of landing (continued).**

County	1989		1988		1987	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	2,632,337	\$1,675,668	4,069,784	\$2,528,514	3,296,819	\$1,550,486
Bertie	249,986	\$47,008	465,794	\$68,891	326,278	\$37,276
Brunswick	2,407,619	\$3,914,181	2,051,142	\$3,116,662	1,943,686	\$3,058,356
Camden	1,703,198	\$391,001	710,883	\$197,754	2,500	\$3,125
Carteret	93,410,724	\$25,431,593	109,943,042	\$26,105,193	85,811,501	\$22,790,252
Chowan	3,012,743	\$686,692	5,155,562	\$873,512	4,862,409	\$895,859
Craven	271,090	\$123,679	644,442	\$209,919	457,640	\$163,260
Currituck	2,447,521	\$722,743	1,723,722	\$531,990	2,024,397	\$489,706
Dare	24,739,171	\$15,597,018	30,682,803	\$16,698,565	28,781,569	\$15,892,184
Hertford	3,189	\$389	155,879	\$18,706	232,726	\$27,927
Hyde	13,925,983	\$6,819,235	13,395,274	\$7,698,443	8,922,881	\$4,829,627
Inland Counties	4,700	\$4,100	0	\$0	88,092	\$14,801
New Hanover	2,058,831	\$2,918,980	1,277,604	\$1,963,640	1,476,499	\$2,828,109
Onslow	3,431,810	\$4,085,663	2,894,257	\$3,757,805	2,129,130	\$2,379,833
Pamlico	9,457,998	\$8,312,504	14,510,649	\$11,504,691	11,089,384	\$8,334,103
Pasquotank	3,170,757	\$1,375,860	2,468,098	\$803,244	2,397,102	\$719,737
Pender	831,723	\$1,078,680	932,465	\$1,096,553	673,873	\$733,242
Perquimans	1,128	\$1,974	6,974	\$8,718	48,771	\$12,757
Tyrrell	1,185,008	\$730,988	1,459,083	\$552,078	2,724,132	\$930,477
Washington	251,963	\$39,651	145,719	\$21,876	34,530	\$16,169

County	1986		1985		1984	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	3,299,166	\$2,123,922	5,309,486	\$2,776,841	6,260,734	\$2,109,096
Bertie	1,079,174	\$158,461	1,605,101	\$166,555	1,002,168	\$108,705
Brunswick	2,108,991	\$3,309,899	1,854,634	\$2,435,251	12,405,410	\$4,248,812
Camden	4,803	\$4,103	11,199	\$2,086	0	\$0
Carteret	98,899,661	\$24,478,964	133,175,357	\$22,707,433	185,268,781	\$21,299,023
Chowan	6,999,375	\$872,745	9,622,835	\$991,933	5,280,668	\$666,081
Craven	688,710	\$218,442	857,433	\$342,586	558,570	\$204,978
Currituck	1,742,901	\$390,934	899,559	\$190,117	665,361	\$178,999
Dare	27,208,180	\$12,331,686	27,389,079	\$13,308,344	28,054,470	\$10,845,759
Hertford	759,300	\$66,118	1,211,850	\$75,179	258,448	\$25,597
Hyde	5,238,109	\$3,734,769	7,479,009	\$4,470,615	10,121,620	\$3,286,808
Inland Counties	72,000	\$20,850	105,834	\$16,968	189,477	\$47,103
New Hanover	1,556,849	\$2,057,497	1,039,237	\$1,173,873	1,601,163	\$1,869,010
Onslow	2,481,480	\$2,539,348	3,039,006	\$2,905,366	2,829,568	\$3,217,880
Pamlico	10,734,563	\$8,858,206	15,301,487	\$11,082,686	17,564,259	\$7,112,074
Pasquotank	2,788,966	\$619,169	2,264,278	\$507,090	900,456	\$253,382
Pender	837,800	\$764,814	838,861	\$843,139	936,242	\$1,073,338
Perquimans	4,500	\$4,950	465,506	\$91,857	287,355	\$69,974
Tyrrell	1,858,472	\$554,089	1,731,373	\$442,711	1,503,822	\$455,028
Washington	518,625	\$121,883	672,964	\$62,236	1,480,419	\$191,421

**Table II.8 Commercial seafood landings by county of landing (continued).**

County	1983		1982		1981	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	4,729,171	\$1,944,485	5,552,376	\$2,446,716	6,895,157	\$2,006,372
Bertie	1,085,024	\$115,925	1,328,498	\$128,274	1,239,711	\$118,586
Brunswick	46,484,504	\$5,647,185	105,751,534	\$6,791,497	164,743,964	\$8,970,536
Camden	69,637	\$45,196	18,800	\$13,216	0	\$0
Carteret	167,199,484	\$21,620,473	116,427,330	\$20,028,014	177,208,124	\$17,406,837
Chowan	4,911,080	\$519,941	7,089,979	\$727,144	3,875,757	\$540,154
Craven	485,140	\$268,372	59,853	\$101,171	115,960	\$33,127
Currituck	1,493,431	\$371,745	2,319,182	\$487,810	1,178,710	\$253,846
Dare	27,018,184	\$9,387,301	32,476,683	\$12,998,991	39,421,902	\$12,892,976
Hertford	256,147	\$25,484	1,423,916	\$98,890	730,038	\$46,491
Hyde	9,190,366	\$3,632,096	9,537,139	\$3,457,336	10,251,802	\$2,956,529
Inland Counties	142,435	\$48,259	98,207	\$16,472	131,124	\$22,375
New Hanover	1,551,832	\$1,610,953	2,223,125	\$2,460,660	2,416,735	\$2,168,425
Onslow	2,995,544	\$3,005,742	4,078,931	\$4,346,447	2,377,552	\$1,993,147
Pamlico	14,022,233	\$7,134,653	14,020,197	\$7,687,936	17,329,190	\$6,710,365
Pasquotank	2,735,308	\$657,014	1,590,704	\$400,674	963,225	\$295,913
Pender	729,642	\$808,587	1,055,175	\$1,087,334	684,544	\$622,902
Perquimans	168,828	\$30,444	241,808	\$33,653	151,507	\$18,849
Tyrrell	1,637,102	\$455,471	1,535,758	\$361,359	1,466,183	\$327,955
Washington	1,138,728	\$150,258	824,698	\$134,625	531,655	\$100,150

County	1980		1979		1978	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	6,867,847	\$2,732,881	7,147,150	\$1,941,975	4,736,063	\$1,525,129
Bertie	1,507,313	\$120,242	1,752,034	\$174,717	2,234,582	\$133,638
Brunswick	72,507,742	\$6,515,337	85,555,801	\$5,746,083	94,461,695	\$5,762,468
Camden	0	\$0	0	\$0	0	\$0
Carteret	181,156,111	\$23,307,684	218,540,649	\$21,396,881	139,365,478	\$14,527,552
Chowan	5,837,756	\$527,714	4,659,482	\$467,946	5,427,526	\$498,335
Craven	206,261	\$43,747	160,471	\$35,463	42,300	\$8,638
Currituck	486,548	\$125,989	920,208	\$212,209	1,006,234	\$267,836
Dare	41,585,041	\$13,731,161	34,562,545	\$12,987,797	22,562,451	\$9,083,654
Hertford	1,043,865	\$73,353	0	\$0	0	\$0
Hyde	13,055,684	\$4,181,970	8,014,483	\$2,040,360	8,327,769	\$1,885,751
Inland Counties	178,517	\$37,576	301,785	\$40,809	151,050	\$6,091
New Hanover	3,140,795	\$2,770,507	3,000,611	\$2,535,326	1,039,871	\$782,429
Onslow	4,092,464	\$3,385,907	3,472,332	\$3,066,936	1,623,357	\$899,741
Pamlico	21,380,720	\$9,736,730	19,525,274	\$6,573,003	15,412,700	\$4,317,501
Pasquotank	344,835	\$186,528	349,483	\$162,067	591,469	\$206,447
Pender	1,144,164	\$961,309	793,467	\$720,476	296,214	\$136,792
Perquimans	149,366	\$16,422	86,050	\$6,550	0	\$0
Tyrrell	976,122	\$228,303	1,250,187	\$276,583	1,729,385	\$440,298
Washington	531,655	\$100,150	380,072	\$68,884	533,203	\$126,565

**Table II.8 Commercial seafood landings by county of landing (continued).**

County	1977		1976		1975	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	5,864,808	\$1,983,389	5,964,262	\$2,202,949	3,802,110	\$916,736
Bertie	1,604,374	\$81,238	2,214,413	\$118,241	1,540,042	\$64,246
Brunswick	67,319,250	\$2,332,580	74,949,763	\$3,415,740	86,944,826	\$2,764,349
Camden	0	\$0	0	\$0	0	\$0
Carteret	121,281,802	\$10,367,106	93,212,768	\$9,329,389	100,941,760	\$7,062,131
Chowan	8,256,173	\$684,251	5,377,678	\$475,161	5,475,228	\$412,675
Craven	7,903	\$1,263	25,979	\$6,278	14,070	\$3,619
Currituck	637,407	\$126,901	530,085	\$119,870	262,416	\$105,497
Dare	18,412,125	\$5,035,096	20,122,591	\$5,017,852	15,951,759	\$3,285,932
Hertford	0	\$0	0	\$0	0	\$0
Hyde	4,993,276	\$1,604,012	2,875,720	\$938,959	3,203,818	\$769,914
Inland Counties	169,677	\$20,018	124,692	\$20,887	227,034	\$21,017
New Hanover	776,972	\$304,723	671,916	\$316,605	749,810	\$322,226
Onslow	1,431,849	\$846,685	1,676,625	\$976,509	1,752,615	\$842,229
Pamlico	12,024,886	\$4,484,026	10,830,259	\$3,954,003	9,164,029	\$2,536,257
Pasquotank	256,462	\$91,936	453,397	\$127,018	196,068	\$54,725
Pender	227,005	\$60,158	101,088	\$65,738	107,758	\$60,213
Perquimans	0	\$0	0	\$0	0	\$0
Tyrrell	1,001,559	\$240,111	748,719	\$200,422	765,776	\$143,105
Washington	597,280	\$123,663	604,372	\$87,806	368,559	\$66,026

County	1974		1973		1972	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	3,437,377	\$733,580	2,971,873	\$773,498	2,790,289	\$589,440
Bertie	902,347	\$41,339	1,998,488	\$67,107	3,011,901	\$59,270
Brunswick	44,906,656	\$1,884,041	40,568,944	\$2,566,849	60,075,470	\$1,602,702
Camden	0	\$0	0	\$0	0	\$0
Carteret	110,276,372	\$7,536,820	54,932,175	\$6,528,120	72,359,105	\$4,958,032
Chowan	6,985,110	\$491,881	7,555,810	\$473,071	9,821,572	\$411,212
Craven	27,100	\$4,805	28,126	\$4,943	15,995	\$2,990
Currituck	430,458	\$103,398	87,562	\$15,677	204,695	\$27,460
Dare	13,905,356	\$2,480,926	11,699,304	\$2,175,304	9,565,406	\$1,505,273
Hertford	0	\$0	0	\$0	0	\$0
Hyde	3,663,667	\$924,528	2,224,540	\$615,937	2,448,435	\$531,414
Inland Counties	142,277	\$12,552	85,240	\$3,274	92,366	\$2,721
New Hanover	882,617	\$323,435	558,105	\$251,136	582,616	\$216,322
Onslow	1,548,851	\$660,758	1,536,401	\$701,340	1,487,021	\$522,516
Pamlico	7,281,038	\$1,864,885	4,439,458	\$1,533,697	3,750,526	\$1,145,027
Pasquotank	298,423	\$56,017	186,485	\$28,883	175,220	\$23,695
Pender	214,553	\$46,727	180,193	\$36,588	181,998	\$31,199
Perquimans	0	\$0	0	\$0	0	\$0
Tyrrell	778,441	\$92,719	1,130,395	\$146,384	1,068,159	\$131,449
Washington	368,559	\$66,026	269,563	\$32,824	270,786	\$38,117

**Table II.9 Commercial seafood landings by dealer city.**

County	Dealer City	2019		2018	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	646,516	\$686,993	623,497	\$742,857
	Bath	535,938	\$512,794	638,075	\$640,088
	Beaufort Other	169,094	\$165,205	0	\$0
	Belhaven	366,421	\$314,416	407,749	\$436,198
	Washington	561,623	\$698,610	427,618	\$488,578
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	4,926	\$15,854	2,234	\$6,038
	Calabash	151,063	\$337,295	95,868	\$212,719
	Shalotte	1,160,197	\$3,534,045	752,042	\$2,287,429
	Southport	342,467	\$1,008,534	265,542	\$777,847
Camden	Camden Other	1,025	\$4,112	10,117	\$13,388
	Shiloh	2,843,873	\$3,452,682	2,352,998	\$2,722,907
Carteret	Bogue Banks	170,247	\$466,072	104,689	\$244,599
	Carteret Other	427,208	\$1,096,353	437,280	\$804,738
	Downeast Communities	1,217,729	\$2,351,994	1,094,010	\$2,094,356
	Morehead City/Beaufort	5,440,020	\$14,229,673	4,943,937	\$13,043,235
Chowan	Western Carteret	179,574	\$492,816	160,036	\$402,984
	Chowan Other	986,355	\$297,382	792,796	\$299,936
	Edenton	***	***	***	***
	Craven Other	15,955	\$76,276	24,622	\$110,734
Craven	Havelock	***	***	2,112	\$2,928
	New Bern/Bridgeton	357,993	\$581,441	363,179	\$515,714
	Currituck	***	***	91,020	\$101,939
Currituck	Currituck Other	190,303	\$229,580	1,680	\$1,984
	Knotts Island/Corolla	222,384	\$214,969	215,116	\$254,406
	Moyock/Barco	841,543	\$983,746	665,111	\$826,557
	Southern Currituck	389,271	\$423,967	371,124	\$386,458
	Dare	Bodie Island	76,530	\$152,968	102,953
Dare	Dare Other	1,214,045	\$1,800,414	1,028,250	\$1,952,554
	Hatteras Island	3,646,996	\$3,582,611	3,536,748	\$3,329,799
	Mainland Dare	1,287,020	\$1,970,581	960,480	\$1,359,983
	Manteo	133,808	\$314,854	144,590	\$353,818
	Wanchese	7,608,429	\$12,000,916	6,845,318	\$12,092,113
	Hertford Other	***	***	***	***
Hertford	Engelhard	2,681,110	\$5,146,984	2,994,665	\$5,821,504
	Hyde Other	6,783	\$27,046	2,070	\$8,741
	Ocracoke	400,430	\$567,956	457,422	\$969,023
	Swan Quarter	3,327,308	\$3,440,146	2,929,164	\$4,015,823
New Hanover	New Hanover Other	1,974	\$9,325	3,127	\$14,818
	Wilmington Area	1,489,279	\$3,082,951	1,046,569	\$2,302,182
Onslow	Hubert	8,612	\$21,059	12,147	\$22,667
	Jacksonville	87,242	\$131,050	71,729	\$107,634
	Onslow Other	50,514	\$145,477	39,396	\$78,917
	Sneads Ferry	1,717,752	\$4,522,232	1,174,210	\$2,789,569
	Swansboro	164,096	\$466,207	162,386	\$583,058
Pamlico	Arapahoe	27,384	\$42,058	50,166	\$91,024
	Bayboro/Alliance/Grantsboro/Stonewall	32,208	\$96,517	51,783	\$155,485
	Hobucken/Lowland	1,053,004	\$2,529,946	857,346	\$2,366,302
	Merritt	357,606	\$361,591	395,171	\$358,303
	Oriental	2,297,257	\$4,916,343	2,152,888	\$4,676,438
	Pamlico Other	430,672	\$1,002,187	219,552	\$404,277
Pasquotank	Vandemere	***	***	***	***
	Elizabeth City	625,129	\$688,648	671,147	\$794,667
Pender	Pasquotank Other	0	\$0	1,334	\$2,168
	Burgaw	78,434	\$176,584	46,052	\$117,050
	Hampstead	591,302	\$1,139,301	479,161	\$977,944
	Pender Other	93,685	\$239,675	78,100	\$228,697

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (continued).**

County	Dealer City	2019		2018	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,192,244	\$1,288,333	1,343,483	\$1,656,269
	Perquimans Other	183,033	\$152,740	268,564	\$266,516
Tyrrell	Columbia	4,779,513	\$4,100,869	2,684,793	\$2,149,152
	Tyrrell Other	0	\$0	0	\$0
Washington	Plymouth	0	\$0	0	\$0
	Roper	0	\$0	0	\$0
	Washington Other	0	\$0	0	\$0

\*\*\* indicates confidential data

**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, 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 II.9 Commercial seafood landings by dealer city (continued).**

County	Dealer City	2017		2016	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	765,588	\$842,513	956,028	\$843,830
	Bath	611,254	\$577,587	1,021,248	\$856,214
	Beaufort Other	0	\$0	1,087	\$2,593
	Belhaven	646,079	\$642,637	866,889	\$887,813
	Washington	466,810	\$573,294	558,852	\$634,030
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	3,823	\$10,892	9,754	\$28,898
	Calabash	162,099	\$367,406	182,033	\$364,627
	Shalotte	1,119,436	\$3,174,034	1,135,391	\$3,183,367
	Southport	367,003	\$1,017,175	351,771	\$970,839
Camden	Camden Other	800	\$7,000	0	\$0
	Shiloh	2,915,990	\$3,877,037	3,371,202	\$3,696,546
Carteret	Bogue Banks	92,193	\$200,951	98,219	\$178,756
	Carteret Other	398,285	\$835,675	306,222	\$681,827
	Downeast Communities	1,505,416	\$3,263,056	1,283,620	\$2,446,829
	Morehead City/Beaufort	6,544,263	\$15,951,459	6,086,306	\$14,486,751
	Western Carteret	139,953	\$410,955	226,939	\$428,433
Chowan	Chowan Other	735,952	\$304,320	164,413	\$56,092
	Edenton	***	***	520,697	\$181,621
Craven	Craven Other	3,418	\$5,271	2,849	\$4,939
	Havelock	***	***	4,607	\$7,519
	New Bern/Bridgeton	321,526	\$437,144	383,683	\$505,559
Currituck	Central Currituck	115,136	\$125,775	149,431	\$182,105
	Currituck Other	2,773	\$3,128	12,337	\$12,399
	Knotts Island/Corolla	36,896	\$42,539	136,986	\$160,378
	Moyock/Barco	817,240	\$1,021,496	912,573	\$973,639
	Southern Currituck	444,006	\$507,031	331,071	\$348,845
Dare	Bodie Island	105,344	\$304,118	89,847	\$228,875
	Dare Other	1,060,454	\$2,238,164	1,439,196	\$2,159,504
	Hatteras Island	2,868,394	\$3,679,550	3,763,312	\$3,283,973
	Mainland Dare	436,654	\$880,959	190,758	\$413,829
	Manteo	149,074	\$326,831	220,171	\$468,030
	Wanchese	9,518,547	\$16,253,538	10,397,049	\$14,724,895
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	3,870,246	\$7,611,885	4,124,573	\$7,505,492
	Hyde Other	859	\$1,538	1,178	\$3,159
	Ocracoke	428,265	\$855,378	436,738	\$748,385
	Swan Quarter	3,013,745	\$4,342,449	3,294,376	\$4,603,024
New Hanover	New Hanover Other	4,689	\$14,430	162	\$600
	Wilmington Area	1,261,194	\$2,710,948	1,256,822	\$2,418,249
Onslow	Hubert	19,235	\$36,155	22,541	\$21,877
	Jacksonville	64,737	\$98,636	115,211	\$167,838
	Onslow Other	50,624	\$105,682	59,740	\$133,616
	Sneads Ferry	1,961,568	\$4,796,742	2,081,619	\$5,244,145
	Swansboro	219,104	\$755,694	283,660	\$991,357
Pamlico	Arapahoe	61,567	\$80,419	62,203	\$101,772
	Bayboro/Alliance/Grantsboro/Stonewall	187,704	\$1,019,753	343,705	\$655,828
	Hobucken/Lowland	1,274,882	\$3,079,801	1,566,816	\$4,691,929
	Merritt	315,826	\$374,338	386,148	\$425,353
	Oriental	2,113,578	\$4,647,158	2,040,637	\$4,664,431
	Pamlico Other	307,175	\$634,664	6,198	\$21,905
Pasquotank	Vandemere	***	***	***	***
	Elizabeth City	892,232	\$1,154,145	1,552,129	\$1,631,780
Pender	Pasquotank Other	0	\$0	0	\$0
	Burgaw	70,921	\$163,874	74,130	\$146,146
	Hampstead	683,390	\$1,545,498	762,039	\$1,540,385
	Pender Other	84,613	\$193,309	53,582	\$114,907

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (continued).**

County	Dealer City	2017		2016	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,368,750	\$1,573,709	1,299,983	\$1,551,068
	Perquimans Other	201,473	\$196,400	88,534	\$81,711
Tyrrell	Columbia	3,430,334	\$2,397,800	4,714,422	\$2,928,358
	Tyrrell Other	0	\$0	0	\$0
Washington	Plymouth	0	\$0	***	***
	Roper	0	\$0	0	\$0
	Washington Other	0	\$0	17	\$49

\*\*\* indicates confidential data

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

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- 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, 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 II.9 Commercial seafood landings by dealer city (continued).**

County	Dealer City	2015		2014	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	1,070,627	\$1,144,333	585,264	\$821,104
	Bath	1,425,673	\$1,492,307	1,132,495	\$1,337,931
	Beaufort Other	0	\$0	3,109	\$2,747
	Belhaven	1,499,958	\$1,560,594	958,599	\$1,268,245
	Washington	499,105	\$735,195	569,974	\$973,694
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	10,642	\$27,811	4,255	\$12,510
	Calabash	160,246	\$291,177	143,834	\$306,075
	Shalotte	772,879	\$2,018,554	651,077	\$1,829,814
	Southport	340,912	\$882,198	315,450	\$766,322
Camden	Camden Other	0	\$0	5,332	\$12,073
Carteret	Shiloh	5,446,271	\$5,343,108	4,624,908	\$6,079,732
	Bogue Banks	127,035	\$260,413	103,390	\$246,073
	Carteret Other	402,667	\$475,660	431,756	\$548,828
	Downeast Communities	1,768,330	\$2,946,927	1,657,193	\$2,669,937
	Morehead City/Beaufort	6,160,000	\$14,187,831	4,946,775	\$10,721,496
Chowan	Western Carteret	203,797	\$436,612	160,100	\$397,109
	Chowan Other	126,446	\$39,648	446,182	\$199,679
	Edenton	465,138	\$180,315	***	***
Craven	Craven Other	84	\$99	932	\$1,778
	Havelock	5,896	\$11,561	4,500	\$6,036
	New Bern/Bridgeton	492,130	\$698,791	383,582	\$600,441
Currituck	Central Currituck	118,586	\$187,910	39,805	\$66,183
	Currituck Other	100	\$55	1,340	\$1,904
	Knotts Island/Corolla	233,071	\$289,739	385,629	\$586,057
	Moyock/Barco	1,073,821	\$1,206,920	1,133,146	\$1,598,166
	Southern Currituck	489,323	\$511,932	519,521	\$692,487
Dare	Bodie Island	126,462	\$223,935	151,552	\$242,009
	Dare Other	1,896,979	\$2,977,912	1,952,381	\$3,415,819
	Hatteras Island	5,246,510	\$3,301,665	6,958,851	\$4,173,650
	Mainland Dare	389,129	\$747,078	1,074,634	\$1,752,110
	Manteo	232,792	\$399,552	***	***
	Wanchese	10,292,127	\$13,325,325	12,115,114	\$17,012,857
Hertford	Hertford Other	15,305	\$7,175	***	***
Hyde	Engelhard	3,849,702	\$6,710,760	3,304,118	\$6,750,471
	Hyde Other	2,641	\$1,840	1,049	\$519
	Ocracoke	413,865	\$678,816	412,956	\$726,255
	Swan Quarter	2,486,602	\$3,588,750	1,521,465	\$2,875,635
New Hanover	New Hanover Other	382	\$907	991	\$3,943
	Wilmington Area	1,070,982	\$2,092,604	1,251,371	\$2,382,127
Onslow	Hubert	24,519	\$39,876	26,979	\$31,311
	Jacksonville	140,080	\$198,115	132,625	\$198,517
	Onslow Other	46,116	\$146,003	61,063	\$164,986
	Sneads Ferry	1,313,164	\$3,979,139	1,198,642	\$2,924,209
	Swansboro	289,841	\$1,656,411	287,106	\$1,320,390
Pamlico	Arapahoe	145,861	\$217,539	74,163	\$116,931
	Bayboro/Alliance/Grantsboro/Stonewall	241,892	\$389,483	15,860	\$33,965
	Hobucken/Lowland	1,306,851	\$3,584,563	1,095,939	\$2,881,051
	Merritt	493,403	\$587,868	259,646	\$356,083
	Oriental	1,821,393	\$3,624,454	1,035,592	\$2,986,431
	Pamlico Other	33,491	\$74,659	32,419	\$91,494
Pasquotank	Vandemere	***	***	***	***
	Elizabeth City	1,923,425	\$2,028,290	1,989,500	\$2,660,992
Pender	Pasquotank Other	0	\$0	0	\$0
	Burgaw	58,756	\$112,690	43,958	\$101,207
	Hampstead	714,423	\$1,429,563	697,856	\$1,390,648
	Pender Other	118,624	\$181,952	88,344	\$119,946

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (continued).**

County	Dealer City	2015		2014	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,679,556	\$2,163,946	1,630,684	\$2,467,245
	Perquimans Other	58,666	\$62,709	62,329	\$93,478
Tyrrell	Columbia	6,427,149	\$4,922,453	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

\*\*\* indicates confidential data

**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
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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, 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 II.9 Commercial seafood landings by dealer city (continued).**

County	Dealer City	2013		2012	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	324,646	\$530,084	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	\$752,963	542,270	\$473,831
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	9,707	\$22,503	7,335	\$15,464
	Calabash	140,305	\$238,713	209,507	\$280,435
	Shalotte	814,466	\$2,238,373	606,319	\$1,450,940
	Southport	287,488	\$752,924	421,600	\$1,020,352
Camden	Camden Other	32	\$249	0	\$0
Carteret	Shiloh	4,096,032	\$5,870,240	4,322,362	\$4,330,807
	Bogue Banks	111,169	\$247,557	147,680	\$297,365
	Carteret Other	255,080	\$409,239	221,295	\$430,488
	Downeast Communities	2,196,024	\$3,168,281	2,438,796	\$2,740,368
	Morehead City/Beaufort	3,618,585	\$7,397,030	3,408,274	\$7,342,879
Chowan	Western Carteret	201,979	\$442,228	287,651	\$416,223
	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	Currituck Other	***	***	***	***
	Central Currituck	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
Dare	Southern Currituck	310,398	\$412,334	430,371	\$367,411
	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	\$3,305,273	4,092,334	\$3,475,569
	Mainland Dare	898,472	\$1,321,993	344,568	\$341,565
	Manteo	***	***	105,586	\$310,578
Hertford	Wanchese	8,841,784	\$13,391,895	10,238,812	\$14,869,154
	Hertford Other	***	***	***	***
Hyde	Engelhard	2,448,951	\$4,500,433	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	1,197,401	\$2,346,931	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	52,653	\$103,397	53,297	\$102,574
	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	\$277,792	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	\$1,945,962	1,047,626	\$2,298,058
	Pamlico Other	6,048	\$20,533	16,520	\$8,817
Pasquotank	Vandemere	***	***	113,624	\$103,759
	Elizabeth City	1,716,958	\$2,637,912	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	\$1,372,333	712,882	\$1,250,128
	Pender Other	73,394	\$102,793	50,051	\$76,352

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

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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 II.9 Commercial seafood landings by dealer city (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	\$1,523,310
	Washington	738,262	\$690,858	903,049	\$908,190
Bertie	Bertie Other	38,388	\$10,280	***	***
Brunswick	Brunswick Other	14,611	\$28,074	13,969	\$23,353
	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
Carteret	Shiloh	4,150,476	\$3,131,750	3,645,964	\$3,189,118
	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	\$2,389,756	2,127,918	\$2,373,082
	Morehead City/Beaufort	2,057,254	\$4,661,920	2,528,722	\$5,365,854
Chowan	Western Carteret	212,253	\$466,297	297,164	\$503,765
	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	\$4,494,679	4,516,479	\$3,188,951
	Mainland Dare	190,239	\$218,334	130,190	\$182,904
	Manteo	77,812	\$216,632	31,190	\$60,167
	Wanchese	15,257,987	\$14,948,942	17,900,729	\$15,620,168
	Hertford Other	***	***	13,462	\$8,808
Hyde	Engelhard	5,637,720	\$5,867,636	6,031,901	\$6,744,244
	Hyde Other	7,229	\$16,321	7,853	\$6,756
	Ocracoke	681,495	\$540,839	712,600	\$759,002
	Swan Quarter	2,705,870	\$3,005,071	2,479,224	\$3,085,712
New Hanover	New Hanover Other	2,007	\$4,990	1,223	\$2,731
	Wilmington Area	1,458,416	\$2,366,099	1,474,338	\$2,270,047
	Hubert	30,521	\$28,685	31,039	\$45,803
Onslow	Jacksonville	120,582	\$142,522	153,703	\$184,731
	Onslow Other	105,218	\$189,516	87,821	\$147,055
	Sneads Ferry	1,254,961	\$2,415,982	1,384,192	\$2,822,119
	Swansboro	308,989	\$1,119,113	359,009	\$1,248,161
	Arapahoe	240,241	\$228,456	272,221	\$484,419
	Bayboro/Alliance/Grantsboro/Stonewall	407,334	\$393,833	411,908	\$383,187
Pamlico	Hobucken/Lowland	967,804	\$2,260,696	1,338,413	\$3,056,372
	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
	Elizabeth City	1,652,881	\$1,206,310	1,829,314	\$1,696,429
Pasquotank	Pasquotank Other	0	\$0	0	\$0
	Burgaw	86,960	\$143,386	85,484	\$118,562
Pender	Hampstead	709,888	\$1,207,442	712,375	\$1,188,064
	Pender Other	43,672	\$67,007	42,328	\$48,081

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

\*\*\* indicates confidential data

**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, 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 II.9 Commercial seafood landings by dealer city (continued).**

County	Dealer City	2009		2008	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	466,580	\$432,226	614,689	\$476,072
	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	\$1,316,621	1,823,655	\$1,769,592
	Washington	547,077	\$632,818	456,587	\$462,520
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	6,453	\$8,507	34,375	\$82,688
	Calabash	223,004	\$198,603	125,249	\$124,598
	Shalotte	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
Carteret	Shiloh	3,832,549	\$4,104,569	4,245,487	\$3,647,911
	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
Chowan	Western Carteret	383,395	\$647,084	451,898	\$745,783
	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	\$3,221,859	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	\$14,966,961	15,696,127	\$16,364,052
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	4,866,454	\$5,357,674	5,804,393	\$7,405,957
	Hyde Other	99	\$142	0	\$0
	Ocracoke	377,894	\$468,085	328,397	\$415,771
	Swan Quarter	1,764,147	\$2,293,946	2,559,773	\$3,004,128
New Hanover	New Hanover Other	585	\$2,233	106	\$463
	Wilmington Area	1,463,183	\$2,125,434	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	75,453	\$115,421	70,052	\$146,424
	Sneads Ferry	1,404,270	\$2,512,597	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	\$339,647	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
Pasquotank	Vandemere	189,283	\$283,357	223,230	\$207,275
	Elizabeth City	1,781,182	\$1,807,858	1,499,484	\$1,452,721
Pender	Pasquotank Other	118	\$171	0	\$0
	Burgaw	35,169	\$52,206	40,634	\$67,923
	Hampstead	752,675	\$978,441	620,455	\$896,396
	Pender Other	37,740	\$39,372	36,394	\$33,200

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

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**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, 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 II.9 Commercial seafood landings by dealer city (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	\$369,452	121,916	\$191,020
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	39,451	\$42,999	43,089	\$62,258
	Calabash	129,994	\$123,094	176,501	\$171,254
	Shalotte	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
Carteret	Shiloh	2,973,324	\$3,032,980	2,054,055	\$1,496,357
	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	\$2,615,394	2,387,386	\$2,632,677
	Morehead City/Beaufort	3,302,220	\$7,411,644	3,406,904	\$6,466,192
Chowan	Western Carteret	604,031	\$905,782	534,113	\$843,551
	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	\$473,297
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
Dare	Moyock/Barco	1,225,628	\$1,431,342	1,016,783	\$858,521
	Southern Currituck	252,063	\$267,857	169,000	\$138,406
	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	\$2,811,843	2,873,751	\$3,227,794
	Mainland Dare	529,423	\$636,402	661,704	\$717,341
	Manteo	153,107	\$262,170	195,450	\$343,342
	Wanchese	16,748,815	\$16,704,683	20,701,961	\$16,370,236
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	4,364,412	\$7,310,949	4,374,371	\$5,058,189
	Hyde Other	551	\$1,975	10,362	\$34,452
	Ocracoke	332,217	\$383,575	285,586	\$402,268
	Swan Quarter	1,691,321	\$2,270,858	1,948,373	\$1,911,242
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	47,034	\$104,079	52,499	\$104,898
	Sneads Ferry	1,770,550	\$3,804,266	1,821,326	\$3,431,046
	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	\$480,521
	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	\$2,827,984
	Pamlico Other	0	\$0	754	\$335
Pasquotank	Vandemere	264,273	\$289,378	522,168	\$372,106
	Elizabeth City	766,193	\$1,053,125	782,475	\$843,482
Pender	Pasquotank Other	0	\$0	0	\$0
	Burgaw	32,907	\$49,099	22,116	\$25,970
	Hampstead	627,461	\$994,868	533,882	\$670,361
	Pender Other	33,160	\$36,983	76,106	\$54,895

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

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- 1) Bath = Bath and Pinetown
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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 II.9 Commercial seafood landings by dealer city (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	\$243,553	354,374	\$295,563
Bertie	Bertie Other	***	***	28,383	\$11,075
Brunswick	Brunswick Other	38,984	\$47,907	60,016	\$63,971
	Calabash	191,997	\$189,889	223,569	\$238,500
	Shalotte	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	\$0
Shiloh		2,092,856	\$1,666,401	2,072,470	\$1,834,027
Carteret	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	\$7,119,870	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	***	***	***	***
Currituck	New Bern/Bridgeton	690,080	\$522,967	784,184	\$495,102
	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
Dare	Southern Currituck	170,164	\$140,384	201,005	\$152,670
	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	\$3,405,447	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
	Wanchese	20,231,148	\$13,409,060	23,249,051	\$13,723,841
	Hertford Other	***	***	***	***
Hyde	Engelhard	5,059,443	\$4,143,852	5,746,911	\$4,876,165
	Hyde Other	10,144	\$25,444	51,997	\$44,109
New Hanover	Ocracoke	366,915	\$461,044	493,560	\$432,293
	Swan Quarter	1,928,778	\$1,527,881	2,938,200	\$2,523,393
	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	\$129,562	142,121	\$124,638
	Onslow Other	60,731	\$120,651	70,898	\$110,929
	Sneads Ferry	914,981	\$2,202,727	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
Vandemere		979,097	\$860,760	1,252,461	\$1,156,749
Pasquotank	Elizabeth City	1,057,464	\$954,930	1,897,746	\$1,541,135
	Pasquotank Other	0	\$0	0	\$0
Pender	Burgaw	8,850	\$9,147	19,802	\$14,334
	Hampstead	460,746	\$469,323	419,202	\$511,839
	Pender Other	154,470	\$86,983	115,396	\$94,693

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

\*\*\* indicates confidential data

**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 II.9 Commercial seafood landings by dealer city (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	48,838	\$84,451	51,012	\$76,868
	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	72,518	\$117,317
	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	Vandemere	971,527	\$877,749	1,081,557	\$1,205,798
	Elizabeth City	3,239,107	\$3,006,559	3,341,211	\$2,996,952
Pasquotank	Pasquotank Other	0	\$0	0	\$0
Pender	Burgaw	14,915	\$12,432	10,873	\$16,346
	Hampstead	442,701	\$562,489	405,707	\$624,638
	Pender Other	153,116	\$156,042	132,825	\$106,520

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

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**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 II.9 Commercial seafood landings by dealer city (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
	Shalotte	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	2,154,490	\$2,242,788	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	59,243	\$109,916	95,209	\$165,115
	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	441,408	\$737,591	480,926	\$795,680
	Pender Other	102,175	\$74,381	100,683	\$77,706

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

\*\*\* indicates confidential data

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

- 1) Bath = Bath and Pinetown
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- 3) Bodie Island = Kill Devil Hills, Nags Head, and Kitty Hawk
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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 II.9 Commercial seafood landings by dealer city (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
	Shallotte	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	\$11,532,575
	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	18,064,188	\$11,832,723	15,873,649	\$10,576,760
Hertford	Hertford Other	60,776	\$23,118	60,557	\$22,062
Hyde	Engelhard	7,696,522	\$6,464,295	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	276,265	\$490,736	195,097	\$360,292
	Sneads Ferry	1,699,336	\$3,915,016	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	\$1,075,950
	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	Vandemere	1,601,864	\$1,432,356	1,258,362	\$1,252,850
	Elizabeth City	2,316,707	\$1,734,046	3,707,659	\$3,384,252
Pasquotank	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

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

\*\*\* indicates confidential data

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

- 1) Bath = Bath and Pinetown
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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 II.9 Commercial seafood landings by dealer city (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
	Shallotte	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	\$1,862,218
	Downeast Communities	10,502,266	\$8,136,876	8,696,786	\$8,306,476
	Morehead City/Beaufort	105,152,694	\$16,517,703	62,752,836	\$11,653,436
	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	\$6,000,768
	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 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	1,926,320	\$1,242,738
	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
	Vandemere	1,898,921	\$2,270,642	1,642,428	\$1,672,486
Pasquotank	Elizabeth City	2,381,813	\$2,127,706	5,645,677	\$4,257,869
	Pasquotank Other	89,981	\$60,846	398,098	\$352,473
Pender	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

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings by dealer city (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

\*\*\* indicates confidential data

**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 II.9 Commercial seafood landings by dealer city (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
	Shallotte	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	\$10,040,604	13,163,111	\$8,292,187
	Morehead City/Beaufort	66,707,160	\$10,600,645	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	\$9,043,428
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	\$1,338,027
	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	563,730	\$694,750	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	1,832,040	\$3,259,355	1,621,547	\$2,652,831
	Swansboro	228,761	\$512,964	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

\*\*\* indicates confidential data

**Table II.9 Commercial seafood landings (pounds and value) by dealer city (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

\*\*\* indicates confidential data

**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 II.10 Commercial seafood landings (pounds and value) by waterbody.**

Waterbody	2019		2018	
	Pounds	Value	Pounds	Value
Albemarle Sound	9,679,183	\$9,833,272	9,029,616	\$10,235,266
Alligator River	1,885,616	\$1,617,763	1,085,380	\$880,030
Back Bay (VA)	***	***	***	***
Bay River	228,673	\$430,290	267,836	\$529,651
Bogue Sound	429,881	\$804,500	385,882	\$798,333
Cape Fear River	771,165	\$1,170,681	475,027	\$814,434
Chowan River	851,817	\$198,512	747,899	\$286,114
Core Sound	1,549,154	\$3,373,434	1,345,232	\$2,667,681
Croatan Sound	1,048,433	\$1,180,927	808,488	\$1,006,159
Currituck Sound	1,664,603	\$1,950,787	1,245,495	\$1,475,104
Inland Waterway <sup>3</sup>				
Inland Waterway (Brunswick)	131,006	\$253,633	109,163	\$226,790
Inland Waterway (Onslow)	56,320	\$135,716	89,870	\$210,758
Lockwood's Folly River	42,114	\$192,696	22,585	\$115,536
Masonboro Sound	247,910	\$622,120	222,857	\$601,486
Neuse River	1,356,251	\$1,628,219	1,055,934	\$1,257,498
New River	550,390	\$1,374,137	499,322	\$1,424,819
Newport River	268,251	\$667,310	278,004	\$647,286
North River/Back Sound	141,075	\$494,901	147,260	\$471,875
Ocean 0-3 mi, N of Cape Hatt	3,330,501	\$5,995,032	1,332,533	\$2,133,398
Ocean 0-3 mi, S of Cape Hatt	6,489,540	\$11,853,344	4,133,661	\$4,897,781
Ocean >3 mi, N of Cape Hatt	5,971,681	\$16,146,639	5,319,905	\$14,750,206
Ocean >3 mi, S of Cape Hatt	2,786,646	\$6,978,133	2,689,386	\$6,718,110
Ocean less than 3 miles <sup>4</sup>				
Ocean more than 3 miles <sup>4</sup>				
Pamlico River	1,418,768	\$1,527,236	1,140,838	\$1,289,331
Pamlico Sound	9,236,459	\$13,363,505	11,402,462	\$20,659,827
Pasquotank River	173,304	\$210,546	176,053	\$197,473
Perquimans River	239,772	\$277,593	74,899	\$75,921
Pungo River	694,719	\$736,573	313,813	\$356,627
Roanoke River	***	***	***	***
Roanoke Sound	850,807	\$1,207,269	592,671	\$1,058,233
Shallotte River	41,067	\$193,782	40,091	\$182,816
Stump Sound	286,551	\$790,651	279,033	\$643,212
Topsail Sound	425,992	\$1,228,014	317,523	\$1,067,092
Unknown	0	\$0	0	\$0
White Oak River	98,438	\$167,990	109,252	\$207,271

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

\*\*\* indicates confidential data; Confidential data were added into waterbodies in a similar location.

**Table II.10 Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2017		2016	
	Pounds	Value	Pounds	Value
Albemarle Sound	9,062,066	\$11,022,889	10,287,764	\$10,919,824
Alligator River	1,486,736	\$979,546	2,622,753	\$1,422,002
Back Bay (VA)	***	***	***	***
Bay River	443,675	\$1,321,222	293,059	\$411,808
Bogue Sound	436,373	\$903,104	473,337	\$874,501
Cape Fear River	608,775	\$1,013,254	702,315	\$979,990
Chowan River	679,860	\$257,895	555,152	\$154,212
Core Sound	1,442,213	\$2,830,569	1,510,324	\$2,584,504
Croatan Sound	1,140,806	\$1,806,397	1,702,088	\$1,824,783
Currituck Sound	1,377,586	\$1,674,695	1,633,375	\$1,804,636
Inland Waterway <sup>3</sup>				
Inland Waterway (Brunswick)	127,357	\$179,346	125,088	\$168,334
Inland Waterway (Onslow)	93,290	\$281,447	100,168	\$329,177
Lockwood's Folly River	50,445	\$233,505	41,722	\$151,497
Masonboro Sound	243,263	\$730,820	241,977	\$648,286
Neuse River	1,175,481	\$1,567,407	1,111,618	\$1,454,339
New River	586,331	\$1,805,885	666,815	\$2,122,434
Newport River	391,050	\$997,429	572,124	\$928,669
North River/Back Sound	189,887	\$620,042	345,889	\$687,054
Ocean 0-3 mi, N of Cape Hatt	2,462,230	\$3,548,132	3,767,914	\$5,193,402
Ocean 0-3 mi, S of Cape Hatt	5,927,905	\$10,006,407	6,608,763	\$9,931,969
Ocean >3 mi, N of Cape Hatt	5,975,675	\$15,554,840	5,989,810	\$16,463,625
Ocean >3 mi, S of Cape Hatt	2,609,533	\$6,757,645	2,798,792	\$6,996,882
Ocean less than 3 miles <sup>4</sup>				
Ocean more than 3 miles <sup>4</sup>				
Pamlico River	1,394,483	\$1,504,766	2,092,052	\$1,772,764
Pamlico Sound	14,055,019	\$26,313,009	13,419,870	\$22,505,073
Pasquotank River	223,713	\$252,401	170,371	\$161,732
Perquimans River	57,025	\$63,599	45,565	\$60,337
Pungo River	586,068	\$576,013	642,233	\$562,453
Roanoke River	65,071	\$21,031	***	***
Roanoke Sound	697,809	\$1,360,679	692,315	\$894,818
Shalotte River	58,971	\$248,387	54,512	\$194,810
Stump Sound	202,433	\$534,404	150,850	\$520,856
Topsail Sound	391,408	\$1,350,733	391,520	\$1,154,744
Unknown	0	\$0	0	\$0
White Oak River	141,861	\$261,550	132,259	\$220,064

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.<sup>4</sup> The ocean codes were split into subcategories in 1994.

\*\*\* indicates confidential data; Confidential data were added into waterbodies in a similar location.

**Table II.10 Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2015		2014	
	Pounds	Value	Pounds	Value
Albemarle Sound	14,989,588	\$16,240,842	14,335,993	\$18,202,253
Alligator River	3,427,902	\$2,294,308	2,475,951	\$2,472,231
Back Bay (VA)	29,872	\$38,246	***	***
Bay River	455,045	\$546,845	294,060	\$456,836
Bogue Sound	434,953	\$961,894	389,075	\$680,703
Cape Fear River	516,494	\$779,973	572,411	\$881,717
Chowan River	509,635	\$143,336	366,593	\$121,452
Core Sound	1,439,326	\$2,463,873	1,657,658	\$2,491,940
Croatan Sound	1,952,087	\$2,507,961	1,387,208	\$1,914,932
Currituck Sound	2,411,980	\$2,667,554	2,518,675	\$3,492,100
Inland Waterway <sup>3</sup>	***	***		
Inland Waterway (Brunswick)	146,799	\$225,744	130,307	\$196,733
Inland Waterway (Onslow)	129,491	\$368,480	78,266	\$238,906
Lockwood's Folly River	29,448	\$166,640	35,343	\$191,488
Masonboro Sound	253,779	\$675,558	248,795	\$615,414
Neuse River	1,565,817	\$2,041,344	979,275	\$1,496,322
New River	779,208	\$3,537,919	761,236	\$2,677,185
Newport River	464,742	\$843,206	339,869	\$699,964
North River/Back Sound	225,489	\$653,910	95,274	\$280,546
Ocean 0-3 mi, N of Cape Hatt	1,970,747	\$1,128,778	2,196,324	\$878,723
Ocean 0-3 mi, S of Cape Hatt	6,884,180	\$5,385,144	7,661,910	\$5,162,431
Ocean >3 mi, N of Cape Hatt	6,488,750	\$16,405,291	8,838,601	\$16,384,854
Ocean >3 mi, S of Cape Hatt	2,975,826	\$6,684,482	4,282,565	\$8,425,107
Ocean less than 3 miles <sup>4</sup>				
Ocean more than 3 miles <sup>4</sup>				
Pamlico River	2,355,367	\$2,478,511	1,377,243	\$1,844,851
Pamlico Sound	12,450,840	\$20,841,294	8,330,003	\$19,690,229
Pasquotank River	637,170	\$592,281	982,567	\$1,287,677
Perquimans River	74,917	\$91,016	96,848	\$133,608
Pungo River	929,484	\$953,787	325,431	\$465,543
Roanoke River	***	***	***	***
Roanoke Sound	717,212	\$986,459	473,247	\$774,915
Shallotte River	34,308	\$179,390	36,323	\$160,277
Stump Sound	124,944	\$396,709	142,089	\$413,707
Topsail Sound	406,955	\$1,232,531	451,785	\$1,200,084
Unknown	0	\$0	0	\$0
White Oak River	131,902	\$208,060	112,878	\$176,589

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

\*\*\* indicates confidential data; Confidential data were added into waterbodies in a similar location.

**Table II.10 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	\$958,322	867,234	\$984,753
Chowan River	308,746	\$68,945	382,257	\$165,261
Core Sound	1,790,121	\$2,620,075	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 <sup>3</sup>				
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	833,102	\$1,340,798	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 Hatt	2,593,167	\$1,595,522	2,081,880	\$1,178,515
Ocean 0-3 mi, S of Cape Hatt	4,805,649	\$4,063,860	5,362,153	\$4,601,443
Ocean >3 mi, N of Cape Hatt	3,678,773	\$7,369,773	5,332,447	\$10,578,698
Ocean >3 mi, S of Cape Hatt	3,196,840	\$7,540,338	3,468,966	\$8,609,261
Ocean less than 3 miles <sup>4</sup>				
Ocean more than 3 miles <sup>4</sup>				
Pamlico River	892,958	\$1,349,583	1,753,483	\$1,396,343
Pamlico Sound	8,749,355	\$17,512,460	10,368,908	\$15,739,384
Pasquotank River	***	***	***	***
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	***	***
Shallotte 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

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

\*\*\* indicates confidential data; Confidential data were added into waterbodies in a similar location

**Table II.10 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)	***	***	***	***
Bay River	293,296	\$283,662	364,484	\$427,705
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 <sup>3</sup>				
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 Hatt	2,303,911	\$1,786,798	2,952,379	\$1,950,839
Ocean 0-3 mi, S of Cape Hatt	6,493,380	\$4,533,668	5,342,453	\$4,233,083
Ocean >3 mi, N of Cape Hatt	10,288,735	\$12,411,613	13,751,158	\$15,018,790
Ocean >3 mi, S of Cape Hatt	5,383,159	\$8,712,385	4,262,679	\$7,198,619
Ocean less than 3 miles <sup>4</sup>				
Ocean more than 3 miles <sup>4</sup>				
Pamlico River	3,030,220	\$2,098,074	3,176,652	\$2,552,359
Pamlico Sound	12,016,080	\$16,777,341	12,758,561	\$18,261,789
Pasquotank River	***	***	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	***	***
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

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

\*\*\* indicates confidential data; Confidential data were added into waterbodies in a similar location.

**Table II.10 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)	***	***	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	763,611	\$782,067	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 <sup>3</sup>				
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	\$1,147,077	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 Hatt	3,089,143	\$1,614,479	1,533,150	\$1,539,661
Ocean 0-3 mi, S of Cape Hatt	3,714,452	\$3,319,862	3,955,581	\$5,866,968
Ocean >3 mi, N of Cape Hatt	13,963,594	\$15,089,277	11,788,002	\$13,882,784
Ocean >3 mi, S of Cape Hatt	4,020,245	\$8,887,217	4,233,397	\$9,708,635
Ocean less than 3 miles <sup>4</sup>				
Ocean more than 3 miles <sup>4</sup>				
Pamlico River	1,460,951	\$1,367,584	1,877,677	\$1,578,997
Pamlico Sound	10,239,912	\$12,761,653	12,612,570	\$18,381,636
Pasquotank River	5,580	\$5,380	1,131	\$1,038
Perquimans River	88,535	\$96,630	83,105	\$108,274
Pungo River	547,133	\$444,044	671,525	\$539,567
Roanoke River	6,460	\$1,595	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

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

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**Table II.10 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	\$1,984,739	2,177,932	\$2,292,876
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 <sup>3</sup>	***	***	***	***
Inland Waterway (Brunswick)	92,027	\$115,028	178,414	\$103,067
Inland Waterway (Onslow)	181,081	\$270,244	170,101	\$242,081
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	\$1,680,262
New River	639,647	\$1,697,757	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 Hatt	2,102,282	\$1,956,522	1,510,373	\$1,142,752
Ocean 0-3 mi, S of Cape Hatt	3,834,859	\$4,946,741	4,129,940	\$4,980,845
Ocean >3 mi, N of Cape Hatt	14,325,247	\$16,872,416	20,236,559	\$18,990,454
Ocean >3 mi, S of Cape Hatt	3,888,930	\$8,755,999	4,223,991	\$8,106,139
Ocean less than 3 miles <sup>4</sup>			***	***
Ocean more than 3 miles <sup>4</sup>				
Pamlico River	2,176,840	\$1,861,006	2,928,302	\$1,876,123
Pamlico Sound	10,879,882	\$17,663,892	7,585,561	\$9,425,298
Pasquotank River	***	***	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

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

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**Table II.10 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)	***	***	***	***
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 <sup>3</sup>	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	\$2,067,996	2,820,175	\$2,092,553
New River	559,847	\$1,702,190	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 Hatt	2,400,159	\$1,701,726	3,134,026	\$1,749,904
Ocean 0-3 mi, S of Cape Hatt	15,267,330	\$4,721,056	54,788,387	\$9,341,988
Ocean >3 mi, N of Cape Hatt	20,218,869	\$15,979,744	22,852,234	\$16,437,528
Ocean >3 mi, S of Cape Hatt	4,796,010	\$7,957,275	5,349,353	\$9,088,656
Ocean less than 3 miles <sup>4</sup>	***	***	***	***
Ocean more than 3 miles <sup>4</sup>			800	\$40
Pamlico River	3,780,325	\$2,703,958	4,245,404	\$2,622,774
Pamlico Sound	8,041,395	\$7,182,708	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
Shallotte 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	\$199,228	236,834	\$276,613

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

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**Table II.10 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 <sup>3</sup>	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	691,945	\$861,309
North River/Back Sound	283,176	\$425,255	265,622	\$354,453
Ocean 0-3 mi, N of Cape Hatt	3,066,012	\$1,702,525	4,730,797	\$2,775,323
Ocean 0-3 mi, S of Cape Hatt	51,679,178	\$8,648,023	71,813,882	\$9,854,924
Ocean >3 mi, N of Cape Hatt	20,485,865	\$12,165,274	17,011,029	\$12,123,569
Ocean >3 mi, S of Cape Hatt	5,696,322	\$8,079,943	6,011,076	\$7,136,461
Ocean less than 3 miles <sup>4</sup>	9,088	\$5,367	***	***
Ocean more than 3 miles <sup>4</sup>	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	***	***	36,472	\$7,567
Roanoke Sound	2,566,207	\$2,733,148	2,010,398	\$2,287,733
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

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

\*\*\* indicates confidential data; Confidential data were added into waterbodies in a similar location.

**Table II.10 Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	2001		2000	
	Pounds	Value	Pounds	Value
Albemarle Sound	12,774,873	\$13,357,546	15,526,073	\$15,314,006
Alligator River	1,078,472	\$937,893	1,654,134	\$1,422,611
Back Bay (VA)				
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 <sup>3</sup>	604,043	\$806,774	687,131	\$902,983
Inland Waterway (Brunswick)				
Inland Waterway (Onslow)				
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	154,631	\$299,493	276,180	\$458,198
Ocean 0-3 mi, N of Cape Hatt	14,043,109	\$2,903,581	6,111,924	\$3,346,028
Ocean 0-3 mi, S of Cape Hatt	50,272,953	\$8,415,917	59,477,107	\$9,034,777
Ocean >3 mi, N of Cape Hatt	15,724,074	\$11,414,136	17,091,931	\$12,043,215
Ocean >3 mi, S of Cape Hatt	5,767,386	\$7,576,956	7,159,261	\$8,737,703
Ocean less than 3 miles <sup>4</sup>	***	***	16,994	\$10,882
Ocean more than 3 miles <sup>4</sup>				
Pamlico River	2,566,846	\$2,423,558	4,216,761	\$3,622,093
Pamlico Sound	15,459,451	\$18,246,690	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	196,396	\$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

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

\*\*\* indicates confidential data; Confidential data were added into waterbodies in a similar location.

**Table II.10 Commercial seafood landings (pounds and value) by waterbody (continued).**

Waterbody	1999		1998	
	Pounds	Value	Pounds	Value
Albemarle Sound	14,898,025	\$11,070,002	14,649,584	\$12,711,358
Alligator River	1,387,040	\$919,944	1,482,820	\$1,067,348
Back Bay (VA)				
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 <sup>3</sup>	512,513	\$566,955	500,785	\$528,708
Inland Waterway (Brunswick)				
Inland Waterway (Onslow)				
Lockwood's Folly River	29,494	\$116,630	44,348	\$152,850
Masonboro Sound	214,652	\$346,269	286,934	\$445,867
Neuse River	4,919,424	\$3,857,118	4,607,940	\$3,629,866
New River	992,305	\$2,119,669	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 Hatt	6,993,219	\$3,498,628	7,998,803	\$3,190,892
Ocean 0-3 mi, S of Cape Hatt	7,288,770	\$8,730,612	20,335,858	\$7,212,917
Ocean >3 mi, N of Cape Hatt	13,748,558	\$9,061,129	10,120,862	\$6,707,721
Ocean >3 mi, S of Cape Hatt	6,411,322	\$7,699,585	8,792,612	\$8,730,710
Ocean less than 3 miles <sup>4</sup>	40,758,873	\$2,951,627	49,605,030	\$5,124,988
Ocean more than 3 miles <sup>4</sup>	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	27,207,712	\$25,693,000	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	1,650,607	\$1,724,690	1,445,844	\$1,854,894
Shalotte River	73,698	\$292,726	85,187	\$347,208
Stump Sound	255,304	\$432,380	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

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

**Table II.10 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)				
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	\$912,395
Chowan River	696,703	\$229,422	786,239	\$184,489
Core Sound	7,015,344	\$5,694,046	5,295,615	\$5,625,090
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	\$2,030,387
Inland Waterway <sup>3</sup>	565,185	\$722,484	672,206	\$741,058
Inland Waterway (Brunswick)				
Inland Waterway (Onslow)				
Lockwood's Folly River	84,424	\$322,580	91,424	\$312,909
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	\$2,058,594
Newport River	797,742	\$1,331,681	592,383	\$1,018,084
North River/Back Sound	208,761	\$418,286	167,165	\$379,806
Ocean 0-3 mi, N of Cape Hatt	6,878,600	\$2,418,546	4,335,565	\$1,837,449
Ocean 0-3 mi, S of Cape Hatt	46,647,325	\$9,250,257	12,619,740	\$6,269,170
Ocean >3 mi, N of Cape Hatt	11,864,692	\$6,783,544	12,419,004	\$8,202,934
Ocean >3 mi, S of Cape Hatt	7,372,884	\$7,155,608	4,711,932	\$5,126,162
Ocean less than 3 miles <sup>4</sup>	71,094,261	\$8,154,167	62,075,463	\$8,246,271
Ocean more than 3 miles <sup>4</sup>	5,932,535	\$4,170,022	10,403,786	\$7,304,523
Pamlico River	8,306,215	\$5,432,996	8,609,331	\$5,897,194
Pamlico Sound	28,416,228	\$26,888,877	20,089,535	\$17,910,154
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	1,423,877	\$1,291,891
Shallotte 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	\$393,093
Unknown	19,336	\$14,631	6,919	\$5,859
White Oak River	158,942	\$287,656	198,175	\$311,643

<sup>3</sup> The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup> The ocean codes were split into subcategories in 1994.

**Table II.10 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)				
Bay River	1,952,898	\$1,391,748	2,256,348	\$1,224,308
Bogue Sound	651,335	\$804,257	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	\$6,388,012	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	2,568,874	\$1,381,917
Inland Waterway <sup>3</sup>	845,150	\$1,068,407	640,429	\$679,873
Inland Waterway (Brunswick)				
Inland Waterway (Onslow)				
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	326,588	\$573,770
Ocean 0-3 mi, N of Cape Hatt	1,180,174	\$856,325	***	***
Ocean 0-3 mi, S of Cape Hatt	1,376,398	\$1,423,197	11,443	\$3,851
Ocean >3 mi, N of Cape Hatt	2,324,224	\$2,797,887	***	***
Ocean >3 mi, S of Cape Hatt	157,470	\$196,288	4,553	\$4,774
Ocean less than 3 miles <sup>4</sup>	75,236,677	\$11,514,703	88,255,874	\$10,405,481
Ocean more than 3 miles <sup>4</sup>	24,847,326	\$22,173,218	25,994,476	\$19,857,565
Pamlico River	6,155,195	\$4,968,694	8,091,184	\$4,763,993
Pamlico Sound	18,383,712	\$21,748,827	25,967,147	\$24,221,386
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
Shallotte 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	258,911	\$397,911	258,382	\$379,794

<sup>3</sup>The "Inland Waterway" code was split into subcategories in 2006.

<sup>4</sup>The ocean codes were split into subcategories in 1994.

\*\*\* indicates confidential data; Confidential data were added into waterbodies in a similar location.

**Table II.11 Annual trips and landings by major finfish fisheries.**

Fishery	2019		2018		2017	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	19,414	4,824,875	20,029	4,274,318	24,935	4,935,657
Flounder Pound Net	909	495,679	1,566	682,802	1,713	884,515
Long Haul Seine	96	133,981	39	13,690	66	26,291
Ocean Gillnet	3,841	5,315,838	3,536	5,430,375	4,208	5,175,463
Ocean Trawl	189	2,491,667	218	2,135,443	213	2,349,117
Sciaenid Pound Net	265	110,949	324	78,088	465	136,441
Others	78,671	39,610,937	77,857	33,152,505	97,916	40,888,262

Fishery	2016		2015		2014	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	20,303	3,630,257	20,765	4,259,995	24,331	4,877,425
Flounder Pound Net	1,234	491,411	1,498	766,551	1,420	973,476
Long Haul Seine	85	28,884	45	68,879	202	235,066
Ocean Gillnet	4,515	7,350,074	4,558	8,969,311	5,300	11,733,084
Ocean Trawl	280	2,727,750	281	3,698,823	284	4,809,914
Sciaenid Pound Net	376	135,022	345	155,013	354	202,070
Others	109,403	45,613,680	114,443	48,028,861	113,127	39,144,378

Fishery	2013		2012		2011	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	32,785	5,687,001	27,884	5,310,582	25,450	5,643,223
Flounder Pound Net	1,691	1,089,370	1,194	634,923	1,263	588,840
Long Haul Seine	291	417,871	177	426,639	369	454,218
Ocean Gillnet	4,581	7,684,838	5,087	8,662,547	5,372	10,884,141
Ocean Trawl	74	1,007,720	121	1,470,833	483	7,033,232
Sciaenid Pound Net	440	260,037	549	348,651	349	199,851
Others	106,039	34,050,397	106,143	39,836,760	106,352	42,698,509

Fishery	2010		2009		2008	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	30,099	6,433,348	36,172	6,444,919	36,516	6,121,269
Flounder Pound Net	1,279	644,299	1,311	669,733	1,226	761,431
Long Haul Seine	372	677,346	380	668,311	381	659,388
Ocean Gillnet	4,599	10,407,686	4,714	8,213,017	4,515	6,183,699
Ocean Trawl	618	8,337,269	560	9,368,296	486	7,195,588
Sciaenid Pound Net	373	193,749	354	347,339	236	206,347
Others	118,872	45,308,164	118,267	43,251,709	109,198	50,072,506

Fishery	2007		2006		2005	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	36,173	5,645,861	35,629	5,822,313	34,668	6,640,890
Flounder Pound Net	1,329	550,171	1,142	644,654	1,242	506,038
Long Haul Seine	434	843,788	538	1,029,630	452	1,000,726
Ocean Gillnet	5,925	6,875,998	4,485	7,615,784	5,190	9,009,831
Ocean Trawl	516	8,528,281	569	12,393,971	633	12,964,195
Sciaenid Pound Net	216	161,710	207	155,457	163	185,734
Others	118,808	40,269,172	112,244	41,081,538	119,201	49,321,497

**Table II.11 Annual trips and landings by major finfish fisheries (continued). Footnote:**

Fishery	2004		2003		2002	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	35,347	6,365,281	39,087	7,417,366	41,057	7,866,073
Flounder Pound Net	1,100	702,998	1,003	564,645	1,633	1,690,815
Long Haul Seine	481	1,374,669	476	1,304,533	437	1,203,683
Ocean Gillnet	6,187	11,088,353	5,618	10,002,608	5,861	9,940,029
Ocean Trawl	780	14,840,682	691	14,912,390	859	11,129,830
Sciaenid Pound Net	243	107,917	208	84,270	310	224,628
Others	150,800	99,627,403	160,730	105,137,695	174,389	128,119,247

Fishery	2001		2000		1999	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	45,053	8,169,125	48,119	8,077,455	45,689	7,610,889
Flounder Pound Net	1,697	1,505,528	1,454	1,013,414	1,340	859,698
Long Haul Seine	435	1,812,459	438	1,562,250	558	1,244,552
Ocean Gillnet	7,066	13,291,425	6,493	14,570,613	7,364	14,195,316
Ocean Trawl	771	10,470,758	628	10,705,093	706	10,547,906
Sciaenid Pound Net	303	248,003	332	271,397	617	629,585
Others	200,022	101,667,992	195,260	118,019,877	196,653	118,653,097

Fishery	1998		1997		1996	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	44,555	8,213,434	50,824	7,880,518	45,579	6,598,685
Flounder Pound Net	1,942	1,372,299	2,367	1,503,017	2,614	1,790,411
Long Haul Seine	639	1,869,925	749	2,527,577	998	2,112,554
Ocean Gillnet	8,234	17,581,074	9,295	19,396,728	8,697	25,445,363
Ocean Trawl	908	9,593,434	680	11,227,005	636	11,204,071
Sciaenid Pound Net	637	770,390	778	705,610	714	458,391
Others	216,074	140,830,003	218,165	185,324,876	202,724	143,590,030

Fishery	1995		1994	
	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	49,757	7,530,802	42,402	6,813,142
Flounder Pound Net	2,580	1,787,071	3,269	2,444,346
Long Haul Seine	978	2,261,860	938	2,059,212
Ocean Gillnet	8,512	18,660,602	7,743	16,598,338
Ocean Trawl	733	11,105,346	706	9,899,385
Sciaenid Pound Net	705	583,900	438	389,494
Others	222,844	133,835,548	218,698	154,784,509

Fisheries were defined as the following:

- 1) Estuarine Gillnet = All gillnet landings from estuarine (non-ocean) waters
- 2) Flounder Pound Net = Landings from pound net gears in the months of October – 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 – August in Dare and Hyde counties and landings from pound net gear in September in Dare County
- 7) Others = Includes all other gears

**Table II.12 Commercial seafood landings by gear.**

Gear	2019		2018	
	Pounds	Value	Pounds	Value
Beach Seine	56,386	\$51,144	25,711	\$24,499
By Hand	498,101	\$3,332,471	643,433	\$4,000,543
Cast Net	103,907	\$96,979	94,441	\$82,363
Channel Net	42,289	\$77,068	120,068	\$183,309
Clam Dredge	8,513	\$106,764	10,423	\$111,814
Clam Trawl Kicking	414	\$3,877	398	\$3,066
Crab Dredge	0	\$0	0	\$0
Crab Pot	22,450,566	\$22,754,034	16,592,577	\$17,817,831
Crab Trawl	121,471	\$114,490	39,183	\$43,000
Eel Pot	7,845	\$2,942	16,539	\$26,674
Fish Pot	118,650	\$353,123	182,937	\$480,180
Flounder Trawl	2,619,016	\$8,234,946	2,184,147	\$7,988,145
Flynet	62,374	\$77,322	40,460	\$45,714
Fyke Net	340,844	\$128,413	317,892	\$122,505
Gigs	108,493	\$393,877	104,014	\$406,173
Gill Net (anchored)	7,585,131	\$7,217,753	7,955,103	\$7,589,088
Gill Net (drift)	1,037,066	\$1,139,333	506,284	\$558,119
Gill Net (runaround)	1,518,515	\$1,404,790	1,243,305	\$1,151,562
Haul Seine	133,981	\$167,587	13,901	\$17,179
Longline	1,593,501	\$4,125,185	1,641,474	\$4,486,112
Other	581,842	\$3,331,908	176,513	\$1,187,158
Oyster Dredge	8,768	\$71,244	14,669	\$123,678
Peeler Pot	495,505	\$1,852,077	455,803	\$1,895,284
Peeler Trawl <sup>5</sup>	339	\$901	939	\$2,191
Pound Net	1,319,759	\$1,985,255	1,470,529	\$2,506,950
Purse Seine	0	\$0	0	\$0
Rake	49,432	\$428,065	100,456	\$783,553
Rod-n-Reel	1,226,424	\$4,106,201	1,110,508	\$3,449,986
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	9,338,343	\$21,560,762	9,403,900	\$19,463,592
Skimmer Trawl	255,420	\$422,191	277,552	\$495,260
Tongs, Hand	72,074	\$611,234	57,680	\$474,348
Trolling	1,103,135	\$2,348,652	795,232	\$2,005,579
Trolling, Greenstick <sup>6</sup>	42,038	\$115,362	126,746	\$362,239
Trotline	83,781	\$16,885	44,401	\$11,133
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (continued).**

Gear	2017		2016	
	Pounds	Value	Pounds	Value
Beach Seine	58,973	\$49,480	19,955	\$20,320
By Hand	811,753	\$5,211,926	580,448	\$3,410,049
Cast Net	97,085	\$68,827	106,663	\$60,536
Channel Net	147,305	\$239,931	156,964	\$230,958
Clam Dredge	11,198	\$122,614	17,376	\$155,743
Clam Trawl Kicking	1,428	\$9,901	3,104	\$19,640
Crab Dredge	0	\$0	2,160	\$1,648
Crab Pot	18,170,586	\$18,259,177	24,855,080	\$21,601,237
Crab Trawl	182,417	\$187,746	260,891	\$263,724
Eel Pot	24,744	\$14,000	39,464	\$87,165
Fish Pot	204,227	\$427,885	135,963	\$262,101
Flounder Trawl	2,261,963	\$7,681,131	2,535,873	\$9,096,175
Flynet	131,104	\$130,470	199,820	\$193,838
Fyke Net	442,179	\$181,449	392,411	\$152,000
Gigs	162,574	\$596,930	148,586	\$544,574
Gill Net (anchored)	8,438,770	\$9,257,123	9,995,389	\$8,680,162
Gill Net (drift)	274,989	\$378,767	64,283	\$81,473
Gill Net (runaround)	1,397,362	\$1,445,007	920,659	\$936,115
Haul Seine	26,609	\$38,887	35,926	\$49,269
Longline	2,183,285	\$5,404,330	1,973,349	\$4,975,314
Other	168,922	\$1,147,104	238,003	\$2,227,018
Oyster Dredge	67,629	\$587,520	124,866	\$1,011,456
Peeler Pot	1,019,802	\$3,879,390	505,085	\$2,445,436
Peeler Trawl <sup>5</sup>	797	\$1,693	1,323	\$3,928
Pound Net	1,513,779	\$3,486,148	1,199,646	\$2,213,739
Purse Seine	0	\$0	0	\$0
Rake	182,678	\$1,292,249	225,387	\$1,576,323
Rod-n-Reel	1,084,381	\$3,340,012	1,138,682	\$3,380,719
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	13,390,858	\$28,606,820	12,533,847	\$27,247,747
Skimmer Trawl	619,179	\$1,069,427	740,185	\$1,027,988
Tongs, Hand	74,543	\$635,569	69,255	\$546,037
Trolling	1,074,322	\$2,481,941	670,023	\$1,480,325
Trolling, Greenstick <sup>6</sup>	138,510	\$351,489	63,011	\$133,961
Trotline	31,796	\$8,768	23,401	\$7,035
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (continued).**

Gear	2015		2014	
	Pounds	Value	Pounds	Value
Beach Seine	35,267	\$22,754	160,310	\$100,442
By Hand	457,872	\$3,503,052	443,699	\$2,620,064
Cast Net	142,629	\$150,785	129,922	\$81,559
Channel Net	232,850	\$285,627	166,774	\$296,853
Clam Dredge	24,365	\$274,401	34,712	\$238,178
Clam Trawl Kicking	6,118	\$61,582	8,253	\$49,570
Crab Dredge	1,382	\$1,217	226	\$140
Crab Pot	31,101,127	\$30,438,526	25,534,608	\$31,254,009
Crab Trawl	261,577	\$300,404	81,436	\$95,592
Eel Pot	56,068	\$138,568	57,419	\$154,261
Fish Pot	203,699	\$401,811	243,571	\$513,617
Flounder Trawl	3,543,173	\$10,047,329	3,558,212	\$9,016,925
Flynet	166,025	\$109,911	1,264,330	\$744,940
Fyke Net	424,941	\$174,843	272,056	\$140,578
Gigs	148,790	\$445,372	152,072	\$443,232
Gill Net (anchored)	12,008,037	\$8,065,726	15,075,269	\$9,438,932
Gill Net (drift)	164,882	\$205,618	91,968	\$89,237
Gill Net (runaround)	1,056,387	\$811,334	1,443,271	\$1,132,961
Haul Seine	68,879	\$61,088	237,688	\$160,393
Longline	2,017,312	\$4,715,705	2,864,706	\$6,706,582
Other	236,104	\$2,328,717	341,943	\$1,360,316
Oyster Dredge	206,922	\$1,527,431	345,743	\$2,270,283
Peeler Pot	832,749	\$3,308,081	638,860	\$2,740,746
Peeler Trawl <sup>5</sup>	1,580	\$4,720	1,849	\$5,720
Pound Net	1,470,617	\$2,683,086	1,638,824	\$2,977,665
Purse Seine	0	\$0	0	\$0
Rake	303,690	\$3,006,804	281,063	\$1,824,269
Rod-n-Reel	965,863	\$2,878,940	1,215,779	\$3,382,315
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	8,587,155	\$16,216,651	4,610,173	\$13,815,472
Skimmer Trawl	448,920	\$555,586	148,650	\$256,042
Tongs, Hand	80,080	\$703,245	89,346	\$557,250
Trolling	648,816	\$1,204,507	835,460	\$1,640,351
Trolling, Greenstick <sup>6</sup>	33,615	\$85,747	117	\$227
Trotline	9,940	\$3,226	7,105	\$1,556
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (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	27	\$174	2,335	\$1,854
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	\$10,335,085	12,284,942	\$9,644,112
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	90,195	\$563,156	96,124	\$654,188
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 <sup>5</sup>	1,813	\$6,089	2,466	\$5,927
Pound Net	1,687,107	\$3,097,918	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	1,115,852	\$3,134,644	1,243,874	\$3,748,615
Scallop Dredge (bay)	2	\$13	27	\$161
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	\$1,456,103
Trolling, Greenstick <sup>6</sup>	3,382	\$18,712	-	-
Trotline	5,853	\$2,057	7,172	\$1,565
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

\*\*\* indicates confidential data; Confidential data was added to “Other” when applicable.

**Table II.12 Commercial seafood landings by gear (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	56,369	\$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	\$10,193,879	15,076,607	\$9,964,743
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	109,459	\$931,161	206,649	\$1,301,256
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 <sup>5</sup>	2,772	\$4,757	2,746	\$5,846
Pound Net	1,167,914	\$1,445,732	1,206,824	\$1,674,891
Purse Seine	0	\$0	475,700	\$40,305
Rake	142,174	\$901,816	142,060	\$968,243
Rod-n-Reel	1,227,353	\$3,279,275	1,558,019	\$3,688,659
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	529,636	\$981,755
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	1,484	\$456	545	\$89
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (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	8,013	\$7,222	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	331,433	\$661,319
Flounder Trawl	3,449,936	\$6,155,422	3,117,958	\$6,068,281
Flynet	5,918,660	\$2,443,095	4,150,040	\$2,046,690
Fyke Net	145,562	\$71,989	124,617	\$72,475
Gigs	96,848	\$170,850	97,565	\$190,092
Gill Net (anchored)	13,116,741	\$9,735,760	10,824,941	\$9,829,327
Gill Net (drift)	13,162	\$12,913	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	417,509	\$2,413,514	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 <sup>5</sup>	-	-	-	-
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	2,211,211	\$5,136,734
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	1,185,488	\$2,915,682
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	133	\$110	0	\$0
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (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	2,664	\$2,760	40	\$25
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	\$9,815,575	12,019,201	\$9,106,262
Gill Net (drift)	24,148	\$12,548	41,729	\$32,912
Gill Net (runaround)	1,246,010	\$657,469	1,377,167	\$887,081
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	279,023	\$1,694,051	128,023	\$824,045
Oyster Dredge	106,840	\$540,758	149,670	\$734,624
Peeler Pot	417,799	\$1,694,927	472,219	\$1,524,555
Peeler Trawl <sup>5</sup>	-	-	-	-
Pound Net	1,342,078	\$1,498,671	1,212,258	\$1,667,448
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	1,665,677	\$3,571,368
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	1,519,518	\$3,116,656
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	2,141	\$1,893	9,025	\$3,769
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (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	769	\$518	4,936	\$3,503
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	644,425	\$741,639
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	\$8,484,481	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	57,327	\$334,722	274,007	\$1,331,508
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 <sup>5</sup>	-	-	-	-
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	1,543,705	\$3,193,649
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	9,545	\$2,553	15,701	\$6,960
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (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	8,704	\$5,016	328	\$239
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	\$122,857	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	203,577	\$720,606	406,259	\$1,242,362
Oyster Dredge	49,683	\$191,357	33,210	\$134,554
Peeler Pot	425,517	\$1,586,964	545,433	\$1,723,030
Peeler Trawl <sup>5</sup>	-	-	-	-
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	1,954,494	\$3,843,354
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	1,160,918	\$2,236,664
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	21,180	\$6,780	64,788	\$54,914
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (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	30,024,484	\$28,145,660	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)	19,970,189	\$10,116,004	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 <sup>5</sup>	-	-	-	-
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	1,736,542	\$3,272,532	1,749,638	\$3,645,016
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	1,550,546	\$2,362,221	1,675,459	\$3,246,844
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	19,951	\$13,856	44,053	\$25,336
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (continued).**

Gear	1999		1998	
	Pounds	Value	Pounds	Value
Beach Seine	522,999	\$305,089	751,661	\$393,818
By Hand	265,540	\$1,452,306	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	54,983,103	\$34,912,836	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	\$687,872	570,572	\$581,433
Flounder Trawl	3,615,569	\$5,237,274	4,435,586	\$5,930,034
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 <sup>5</sup>	-	-	-	-
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	270,524	\$1,742,211	383,259	\$2,440,320
Rod-n-Reel	2,063,121	\$3,703,689	2,291,298	\$3,845,265
Scallop Dredge (bay)	11,258	\$39,155	94,480	\$264,866
Shrimp Trawl	8,829,307	\$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	1,537,834	\$2,162,282	1,447,331	\$2,050,809
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	33,775	\$11,177	78,522	\$20,576
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (continued).**

Gear	1997		1996	
	Pounds	Value	Pounds	Value
Beach Seine	1,143,612	\$735,682	835,244	\$413,325
By Hand	290,448	\$1,518,303	288,276	\$1,408,705
Cast Net	49,392	\$17,623	45,534	\$21,856
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	2,573	\$1,339	9,591	\$4,569
Crab Pot	52,390,710	\$35,200,747	63,670,960	\$41,150,284
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	\$652,554
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	\$12,751,729
Gill Net (drift)	74,044	\$78,249	59,929	\$44,363
Gill Net (runaround)	1,268,002	\$977,541	1,088,237	\$700,022
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	114,127	\$393,815	194,428	\$801,037
Oyster Dredge	2,062	\$8,002	111	\$135
Peeler Pot	147,208	\$361,680	59,568	\$92,862
Peeler Trawl <sup>5</sup>	-	-	-	-
Pound Net	3,047,194	\$3,353,660	3,398,070	\$3,801,320
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	\$3,293,345
Scallop Dredge (bay)	41,441	\$132,814	20,422	\$78,634
Shrimp Trawl	7,867,313	\$17,833,550	6,150,910	\$13,178,485
Skimmer Trawl	342,855	\$767,828	195,681	\$444,202
Tongs, Hand	93,468	\$485,649	89,902	\$462,739
Trolling	1,895,748	\$2,802,034	1,579,444	\$2,387,607
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	88,183	\$25,028	62,648	\$20,080
Unknown	0	\$0	0	\$0

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.12 Commercial seafood landings by gear (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	45,249,683	\$35,546,829	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	736,166	\$498,276	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	37,881	\$18,618	114,332	\$46,507
Gigs	83,875	\$135,416	74,183	\$112,483
Gill Net (anchored)	24,740,554	\$12,153,824	22,643,969	\$9,563,912
Gill Net (drift)	148,219	\$104,725	100,621	\$58,478
Gill Net (runaround)	1,302,632	\$1,145,843	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 <sup>5</sup>	-	-	-	-
Pound Net	3,733,907	\$3,825,674	4,759,963	\$4,383,784
Purse Seine	63,839,570	\$3,931,617	79,474,650	\$3,410,710
Rake	387,801	\$2,349,450	518,555	\$2,244,751
Rod-n-Reel	2,545,684	\$3,769,071	2,581,299	\$3,823,104
Scallop Dredge (bay)	159,763	\$305,359	56,687	\$106,588
Shrimp Trawl	8,796,151	\$19,415,297	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	1,963,234	\$2,910,721	1,527,108	\$2,204,064
Trolling, Greenstick <sup>6</sup>	-	-	-	-
Trotline	64,171	\$39,505	40,104	\$9,676
Unknown	62,057	\$130,940	88,341	\$161,664

<sup>5</sup>“Peeler Trawl” gearcode was developed in 2010.

<sup>6</sup>“Trolling, Greenstick” gearcode was developed in 2013.

**Table II.13 Number of participants, trips, and vessels by gear type.**

Gears	2019			2018			2017		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	4	41	4	6	33	7	6	31	7
By Hand	571	14,873	473	640	15,306	520	799	20,913	577
Cast Net	53	662	45	66	642	63	74	710	69
Channel Net	27	233	29	46	512	47	53	776	55
Clam Dredge	6	108	5	9	181	10	8	188	10
Clam Trawl Kicking	3	13	4	3	10	3	5	31	5
Crab Dredge	0	0	0	0	0	0	0	0	0
Crab Pot	599	34,552	702	624	33,298	713	662	37,199	805
Crab Trawl	37	314	37	25	165	25	34	357	34
Eel Pot	9	21	10	14	55	14	25	87	25
Fish Pot	24	443	26	32	532	41	41	577	38
Flounder Trawl	91	202	97	103	219	107	97	201	102
Flynet	5	7	5	3	4	3	8	15	8
Fyke Net	16	364	19	26	391	29	31	546	33
Gigs	241	1,960	260	273	2,145	284	318	2,892	333
Gill Net (anchored)	827	18,331	941	922	19,973	1,052	1,008	24,538	1,161
Gill Net (drift)	75	622	78	64	545	63	80	586	83
Gill Net (runaround)	367	4,363	420	343	3,200	388	408	4,117	460
Haul Seine	10	96	11	9	43	9	14	68	13
Longline	36	394	34	41	405	39	41	408	36
Other	109	1,428	110	70	450	72	71	429	73
Oyster Dredge	29	162	33	60	337	62	119	1,540	137
Peeler Pot	186	2,996	206	192	2,733	204	225	3,463	253
Peeler Trawl <sup>5</sup>	2	8	2	2	14	2	2	15	2
Pound Net	81	2,282	87	97	2,941	101	111	2,918	122
Purse Seine	0	0	0	0	0	0	0	0	0
Rake	204	3,208	176	278	5,748	234	345	9,292	283
Rod-n-Reel	269	2,560	289	232	2,202	250	216	2,283	230
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	336	5,282	369	408	4,957	435	431	7,796	490
Skimmer Trawl	40	327	49	60	446	65	75	677	79
Tongs, Hand	180	3,456	158	175	2,861	150	223	3,579	187
Trolling	375	2,822	415	324	1,885	340	351	2,370	374
Trolling, Greenstick <sup>6</sup>	13	89	12	21	147	19	17	150	18
Trotline	5	262	5	11	183	12	14	170	14
Unknown	0	0	0	0	0	0	0	0	0

<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

**Table II.13** Number of participants, trips, and vessels by gear type (*continued*).

Gears	2016			2015			2014		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	4	12	4	7	23	8	6	21	6
By Hand	820	18,799	558	803	17,186	542	804	18,019	567
Cast Net	78	667	72	70	694	62	67	627	56
Channel Net	59	761	64	66	968	74	91	1,078	99
Clam Dredge	11	213	12	11	251	14	16	388	22
Clam Trawl Kicking	8	39	7	9	77	10	23	155	25
Crab Dredge	4	4	4	2	14	2	2	3	2
Crab Pot	807	46,268	987	829	51,710	1,039	814	50,529	975
Crab Trawl	43	463	44	50	470	55	36	197	37
Eel Pot	18	63	18	20	97	23	29	143	34
Fish Pot	48	472	46	47	583	47	46	682	47
Flounder Trawl	93	266	97	92	276	96	80	256	82
Flynet	11	19	11	6	11	6	11	40	13
Fyke Net	37	631	41	35	639	40	24	404	26
Gigs	329	2,797	343	312	2,739	328	323	2,805	339
Gill Net (anchored)	923	21,296	1,019	1,061	21,818	1,195	1,212	26,147	1,339
Gill Net (drift)	58	279	57	55	401	54	41	296	44
Gill Net (runaround)	367	3,294	409	369	3,252	410	409	3,377	455
Haul Seine	14	93	15	12	45	12	31	204	32
Longline	56	597	56	62	513	65	64	619	65
Other	81	358	76	50	333	59	74	364	81
Oyster Dredge	177	2,684	197	212	4,031	243	268	5,705	296
Peeler Pot	231	4,957	260	254	4,724	288	229	4,006	266
Peeler Trawl <sup>5</sup>	2	14	2	2	21	2	3	26	3
Pound Net	96	2,557	102	101	2,856	111	106	2,444	110
Purse Seine	0	0	0	0	0	0	0	0	0
Rake	410	11,218	312	489	12,494	351	447	11,786	359
Rod-n-Reel	229	2,294	243	226	1,993	237	241	2,272	251
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	434	7,490	463	417	6,063	481	341	4,598	377
Skimmer Trawl	76	1,273	87	71	1,035	78	69	711	76
Tongs, Hand	216	3,163	193	225	3,688	197	247	3,896	230
Trolling	310	1,819	328	333	1,903	353	330	2,245	351
Trolling, Greenstick <sup>6</sup>	15	66	13	9	48	8	1	1	1
Trotline	11	86	11	9	39	11	8	49	8
Unknown	0	0	0	0	0	0	0	0	0

<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

**Table II.13** Number of participants, trips, and vessels by gear type (*continued*).

Gears	2013			2012			2011		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	12	57	12	21	68	20	24	102	27
By Hand	752	16,447	550	795	15,188	548	778	15,931	545
Cast Net	92	705	70	80	805	65	72	612	57
Channel Net	93	1,626	116	86	1,508	94	40	538	43
Clam Dredge	15	344	16	18	492	22	14	400	15
Clam Trawl Kicking	18	180	19	17	188	18	22	286	22
Crab Dredge	1	1	1	3	4	4	12	69	12
Crab Pot	752	48,126	924	786	48,054	943	819	48,150	990
Crab Trawl	18	85	19	14	21	14	39	228	40
Eel Pot	19	70	20	32	177	33	28	93	31
Fish Pot	47	629	46	44	615	43	49	539	45
Flounder Trawl	45	71	48	57	108	59	81	344	90
Flynet	3	4	3	4	14	4	30	190	32
Fyke Net	18	429	19	17	344	16	21	267	26
Gigs	278	2,585	300	293	3,148	312	219	2,185	236
Gill Net (anchored)	1,325	33,914	1,488	1,265	29,610	1,428	1,284	28,378	1,441
Gill Net (drift)	40	236	41	47	392	46	32	182	35
Gill Net (runaround)	422	3,782	487	435	3,591	484	370	2,608	402
Haul Seine	34	273	34	15	177	15	27	369	28
Longline	58	661	59	46	538	46	48	495	50
Other	54	396	56	31	227	35	32	146	32
Oyster Dredge	220	3,763	242	184	2,264	191	355	7,400	378
Peeler Pot	178	3,346	190	187	3,519	204	203	2,910	218
Peeler Trawl <sup>5</sup>	2	29	2	3	24	3	3	41	3
Pound Net	101	2,859	111	105	2,740	106	85	2,297	90
Purse Seine	0	0	0	0	0	0	0	0	0
Rake	423	9,990	332	410	9,401	327	471	9,437	343
Rod-n-Reel	248	2,065	261	265	2,151	267	228	1,986	234
Scallop Dredge (bay)	1	1	1	1	2	1	0	0	0
Shrimp Trawl	365	5,650	386	380	6,195	416	338	4,372	352
Skimmer Trawl	79	1,194	88	75	1,088	80	32	330	34
Tongs, Hand	279	4,092	234	369	5,527	316	335	6,020	277
Trolling	345	2,184	365	323	1,889	337	301	1,866	322
Trolling, Greenstick <sup>6</sup>	2	7	2	-	-	-	-	-	-
Trotline	6	38	9	8	50	9	3	20	4
Unknown	0	0	0	0	0	0	0	0	0

<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

**Table II.13** Number of participants, trips, and vessels by gear type (*continued*).

Gears	2010			2009			2008		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	31	183	34	26	123	29	118	329	129
By Hand	811	18,276	577	856	16,813	599	879	16,932	613
Cast Net	74	906	66	76	880	54	69	552	53
Channel Net	57	1,069	67	60	1,089	75	66	1,118	73
Clam Dredge	18	603	17	21	355	23	17	471	17
Clam Trawl Kicking	30	518	27	32	538	33	29	423	31
Crab Dredge	20	147	20	9	44	10	0	0	0
Crab Pot	865	50,432	1,043	863	54,625	1,034	785	47,277	953
Crab Trawl	53	274	57	60	484	63	44	314	45
Eel Pot	26	121	28	19	78	19	15	40	17
Fish Pot	58	650	55	66	910	64	58	689	53
Flounder Trawl	91	384	94	78	334	88	80	342	88
Flynet	39	286	44	42	243	45	32	159	30
Fyke Net	21	277	22	21	293	22	26	307	24
Gigs	234	2,424	258	150	1,572	170	143	1,554	163
Gill Net (anchored)	1,234	31,114	1,393	1,384	38,042	1,580	1,417	38,504	1,570
Gill Net (drift)	48	269	49	20	106	22	34	190	35
Gill Net (runaround)	410	3,679	452	355	3,251	393	343	2,827	379
Haul Seine	29	372	35	22	380	23	30	383	34
Longline	38	491	35	36	474	37	37	396	40
Other	74	216	73	183	908	167	34	172	35
Oyster Dredge	506	10,658	506	258	4,481	257	159	2,691	170
Peeler Pot	195	3,348	205	160	2,731	176	171	3,398	182
Peeler Trawl <sup>5</sup>	3	31	3	-	-	-	-	-	-
Pound Net	101	2,298	111	96	2,356	114	92	1,880	104
Purse Seine	1	3	1	0	0	0	0	0	0
Rake	574	10,353	400	640	11,322	441	613	12,789	429
Rod-n-Reel	283	2,486	291	398	3,237	429	425	3,444	451
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	403	5,592	437	379	5,749	408	417	5,995	444
Skimmer Trawl	64	1,096	64	60	807	65	95	953	98
Tongs, Hand	306	4,797	257	295	4,960	275	306	5,765	276
Trolling	414	2,192	437	622	4,035	656	606	3,853	633
Trolling, Greenstick <sup>6</sup>	-	-	-	-	-	-	-	-	-
Trotline	2	6	3	1	1	1	0	0	0
Unknown	0	0	0	0	0	0	0	0	0

<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

**Table II.13** Number of participants, trips, and vessels by gear type (*continued*).

Gears	2007			2006			2005		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	51	242	55	40	317	42	274	681	240
By Hand	892	18,367	648	818	14,689	601	831	14,647	609
Cast Net	58	563	45	56	495	43	54	518	46
Channel Net	67	962	76	61	911	72	58	870	66
Clam Dredge	13	344	18	25	391	23	25	429	26
Clam Trawl Kicking	24	214	23	32	373	31	44	538	44
Crab Dredge	3	18	3	1	1	1	2	7	2
Crab Pot	830	49,166	977	870	48,172	1,008	1,052	57,823	1,250
Crab Trawl	33	158	36	42	303	46	102	1,126	106
Eel Pot	23	86	24	19	103	22	28	159	31
Fish Pot	62	826	66	61	1,023	57	82	863	88
Flounder Trawl	74	371	81	74	380	76	74	408	79
Flynet	21	160	22	29	220	29	67	260	40
Fyke Net	26	380	33	18	309	23	29	330	34
Gigs	166	1,955	192	130	1,396	154	130	1,225	145
Gill Net (anchored)	1,531	39,759	1,637	1,401	37,814	1,602	1,599	37,400	1,757
Gill Net (drift)	22	173	23	53	255	56	80	435	87
Gill Net (runaround)	319	2,781	357	334	2,688	375	323	2,366	366
Haul Seine	29	437	33	49	539	53	38	473	43
Longline	32	384	32	27	484	30	30	422	32
Other	43	165	44	42	102	46	36	83	38
Oyster Dredge	150	1,730	155	151	2,486	158	167	2,334	177
Peeler Pot	184	3,468	196	206	3,408	221	232	3,781	259
Peeler Trawl <sup>5</sup>	-	-	-	-	-	-	-	-	-
Pound Net	104	2,311	121	95	2,234	111	91	2,269	112
Purse Seine	0	0	0	0	0	0	2	15	3
Rake	727	16,819	503	678	16,072	462	705	12,748	516
Rod-n-Reel	429	3,569	462	351	2,886	386	360	2,709	386
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	385	6,735	411	363	5,710	379	321	4,553	341
Skimmer Trawl	86	1,574	99	88	1,366	99	74	1,137	81
Tongs, Hand	359	5,927	291	378	5,684	313	301	4,412	272
Trolling	668	4,965	722	601	4,496	649	609	4,193	650
Trolling, Greenstick <sup>6</sup>	-	-	-	-	-	-	-	-	-
Trotline	7	46	8	13	65	14	7	85	8
Unknown	0	0	0	0	0	0	0	0	0

<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

**Table II.13** Number of participants, trips, and vessels by gear type (*continued*).

Gears	2004			2003			2002		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	167	413	155	23	125	28	192	558	201
By Hand	934	18,448	661	1,038	18,177	761	1,201	20,325	819
Cast Net	48	536	35	64	475	53	79	838	68
Channel Net	84	1,355	94	86	1,700	99	89	1,876	106
Clam Dredge	29	658	30	26	433	30	43	692	39
Clam Trawl Kicking	58	1,026	61	61	839	65	64	880	75
Crab Dredge	7	19	7	3	14	3	3	5	3
Crab Pot	1,258	73,516	1,481	1,324	82,403	1,643	1,382	81,882	1,693
Crab Trawl	175	1,780	188	138	1,698	151	135	1,042	151
Eel Pot	37	269	40	41	303	45	35	237	37
Fish Pot	80	1,165	85	71	1,103	71	80	1,195	91
Flounder Trawl	95	490	94	81	460	81	90	667	92
Flynet	59	363	61	42	292	44	39	230	39
Fyke Net	48	530	54	45	486	51	31	377	43
Gigs	122	1,200	138	126	1,122	145	131	1,205	143
Gill Net (anchored)	1,613	39,814	1,871	1,647	43,315	1,995	1,667	44,709	2,001
Gill Net (drift)	61	320	68	70	330	75	83	343	86
Gill Net (runaround)	310	1,981	338	306	1,851	332	350	2,670	390
Haul Seine	28	498	36	27	487	38	42	455	50
Longline	34	417	34	36	417	37	47	571	48
Other	37	179	38	83	248	87	72	284	69
Oyster Dredge	125	1,752	137	56	892	62	48	624	51
Peeler Pot	243	3,628	261	206	3,816	224	260	6,438	294
Peeler Trawl <sup>5</sup>	-	-	-	-	-	-	-	-	-
Pound Net	92	2,196	116	105	2,085	128	161	3,320	191
Purse Seine	2	64	4	2	66	4	2	108	4
Rake	787	15,038	530	909	15,553	604	1,074	18,046	663
Rod-n-Reel	486	3,067	523	475	3,391	511	451	3,774	477
Scallop Dredge (bay)	0	0	0	8	23	9	12	32	14
Shrimp Trawl	481	8,391	512	496	9,898	545	696	12,957	752
Skimmer Trawl	104	2,108	107	130	2,555	149	159	3,569	174
Tongs, Hand	322	5,261	278	325	4,502	298	356	4,762	312
Trolling	638	4,127	685	463	3,189	524	546	4,032	590
Trolling, Greenstick <sup>6</sup>	-	-	-	-	-	-	-	-	-
Trotline	16	83	15	13	119	13	33	282	35
Unknown	0	0	0	0	0	0	0	0	0

<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

**Table II.13** Number of participants, trips, and vessels by gear type (*continued*).

Gears	2001			2000			1999		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	92	489	106	88	822	112	75	527	99
By Hand	1,378	21,895	946	1,214	17,876	968	1,032	12,772	923
Cast Net	71	688	55	69	517	50	52	446	43
Channel Net	100	1,692	129	125	2,183	145	122	2,604	151
Clam Dredge	38	462	36	38	736	36	36	643	41
Clam Trawl Kicking	68	838	82	76	799	94	94	1,181	107
Crab Dredge	8	26	8	0	0	0	0	0	0
Crab Pot	1,498	99,675	2,038	1,476	99,513	2,054	1,623	111,635	2,698
Crab Trawl	203	2,549	231	183	2,226	193	215	3,555	239
Eel Pot	48	377	57	76	373	83	69	408	86
Fish Pot	96	1,662	108	82	1,215	97	111	1,583	146
Flounder Trawl	104	524	110	88	469	92	96	519	103
Flynet	42	281	45	22	181	23	28	203	29
Fyke Net	54	654	67	40	608	52	38	531	45
Gigs	176	1,405	195	162	1,342	179	132	1,064	177
Gill Net (anchored)	1,843	50,212	2,308	2,021	51,960	2,504	1,914	51,461	2,643
Gill Net (drift)	57	224	59	46	156	47	66	301	69
Gill Net (runaround)	347	2,799	402	356	3,031	414	286	2,386	352
Haul Seine	27	441	35	35	474	51	40	574	50
Longline	40	487	43	38	440	38	34	497	39
Other	57	195	59	63	192	67	60	207	63
Oyster Dredge	59	825	67	52	394	56	80	940	89
Peeler Pot	295	6,735	335	248	5,654	295	258	5,776	294
Peeler Trawl <sup>5</sup>	-	-	-	-	-	-	-	-	-
Pound Net	151	3,183	200	141	3,130	192	155	3,172	219
Purse Seine	2	79	4	3	97	5	4	73	7
Rake	1,462	28,687	922	1,394	27,070	1,028	1,166	20,893	1,059
Rod-n-Reel	397	3,297	424	431	3,359	491	456	3,977	550
Scallop Dredge (bay)	0	0	0	8	10	8	43	151	44
Shrimp Trawl	629	10,741	711	862	14,134	1,032	740	15,347	949
Skimmer Trawl	138	1,772	155	180	2,437	211	157	2,094	188
Tongs, Hand	342	5,712	312	280	3,984	280	291	4,175	306
Trolling	560	4,415	604	536	4,838	611	516	4,559	619
Trolling, Greenstick <sup>6</sup>	-	-	-	-	-	-	-	-	-
Trotline	26	162	27	27	297	27	16	267	20
Unknown	0	0	0	0	0	0	0	0	0

<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.

<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

**Table II.13** Number of participants, trips, and vessels by gear type (*continued*).

Gears	1998			1997			1996		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	80	691	96	91	1,076	106	92	870	107
By Hand	853	13,217	893	951	14,354	958	1,054	14,529	1,092
Cast Net	54	681	40	60	594	50	62	616	56
Channel Net	114	1,874	136	137	2,102	166	132	1,489	168
Clam Dredge	38	672	40	28	474	27	50	636	51
Clam Trawl Kicking	92	1,083	105	89	1,121	98	113	1,093	120
Crab Dredge	0	0	0	3	11	3	5	27	5
Crab Pot	1,725	128,071	2,084	2,025	121,345	2,400	2,036	116,035	2,513
Crab Trawl	274	5,718	303	332	5,063	366	307	4,335	334
Eel Pot	73	459	79	80	492	92	64	382	79
Fish Pot	129	1,633	136	128	1,839	138	156	1,510	171
Flounder Trawl	114	656	118	79	237	87	106	415	106
Flynet	44	290	49	42	489	44	34	239	33
Fyke Net	32	436	41	29	374	39	26	264	33
Gigs	174	1,508	196	236	1,798	263	204	1,305	223
Gill Net (anchored)	1,956	50,494	2,256	2,275	57,182	2,552	2,303	51,805	2,653
Gill Net (drift)	77	345	78	126	834	135	104	455	105
Gill Net (runaround)	381	3,504	429	484	3,764	539	414	3,316	456
Haul Seine	39	658	51	59	770	68	95	1,005	112
Longline	43	447	35	60	520	43	84	711	70
Other	54	115	57	81	268	85	66	224	71
Oyster Dredge	70	679	74	6	31	6	2	3	2
Peeler Pot	224	4,576	245	91	1,226	104	31	177	32
Peeler Trawl <sup>5</sup>	-	-	-	-	-	-	-	-	-
Pound Net	190	3,685	240	252	4,794	311	260	4,954	312
Purse Seine	4	99	6	7	137	8	4	78	4
Rake	1,118	27,940	1,166	1,307	32,097	1,289	1,305	29,108	1,334
Rod-n-Reel	511	4,968	532	588	5,394	602	540	4,646	584
Scallop Dredge (bay)	117	898	120	60	362	66	62	273	65
Shrimp Trawl	614	12,220	703	832	16,634	962	806	14,652	987
Skimmer Trawl	93	1,083	106	146	2,233	163	104	1,197	126
Tongs, Hand	293	4,585	314	305	4,544	324	341	4,922	369
Trolling	608	4,640	620	713	5,667	711	639	4,480	652
Trolling, Greenstick <sup>6</sup>	-	-	-	-	-	-	-	-	-
Trotline	21	479	25	28	474	29	22	352	24
Unknown	0	0	0	0	0	0	0	0	0

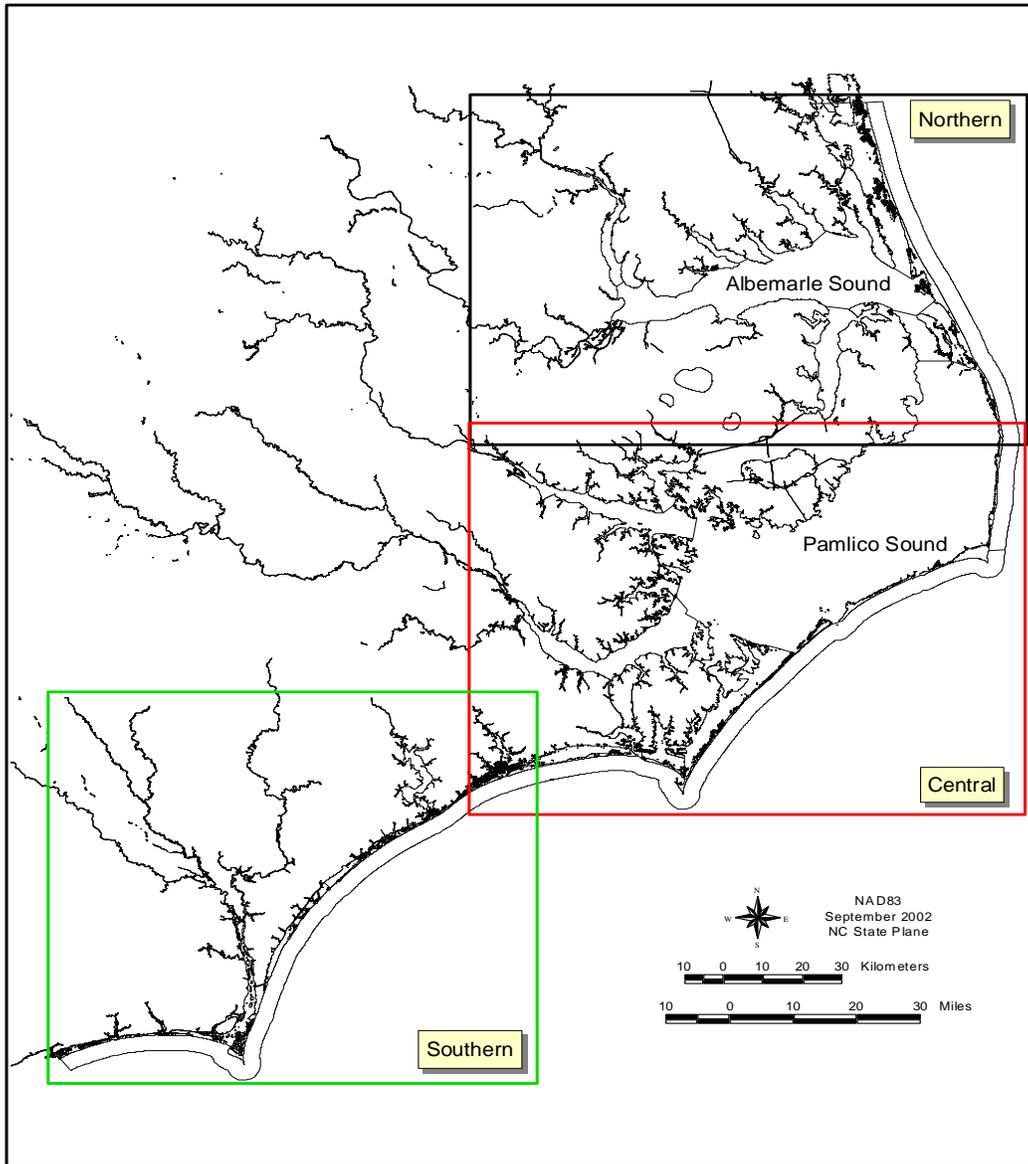
<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

**Table II.13** Number of participants, trips, and vessels by gear type (*continued*).

Gears	1995			1994		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	100	961	120	67	862	74
By Hand	1,187	17,340	1,259	1,128	16,637	1,187
Cast Net	61	561	54	27	321	30
Channel Net	188	2,311	214	157	2,136	202
Clam Dredge	55	768	62	35	409	42
Clam Trawl Kicking	100	825	104	99	636	105
Crab Dredge	10	37	10	19	66	16
Crab Pot	1,929	119,999	2,484	1,845	114,073	2,247
Crab Trawl	234	2,222	265	279	3,881	318
Eel Pot	61	274	67	12	20	12
Fish Pot	154	1,450	160	144	1,647	160
Flounder Trawl	162	535	130	88	508	95
Flynet	29	248	29	25	254	27
Fyke Net	36	218	41	40	325	41
Gigs	247	1,806	285	246	1,668	285
Gill Net (anchored)	2,360	55,925	2,701	2,316	48,667	2,615
Gill Net (drift)	177	884	181	204	666	229
Gill Net (runaround)	460	3,091	494	407	2,178	434
Haul Seine	88	1,001	98	119	1,071	133
Longline	79	886	61	89	1,052	92
Other	110	372	111	74	250	83
Oyster Dredge	15	90	14	25	235	29
Peeler Pot	0	0	0	0	0	0
Peeler Trawl <sup>5</sup>	-	-	-	-	-	-
Pound Net	273	5,203	312	335	6,485	374
Purse Seine	3	86	4	3	173	5
Rake	1,442	33,147	1,486	1,463	35,690	1,466
Rod-n-Reel	665	5,663	713	735	6,676	798
Scallop Dredge (bay)	235	1,758	238	168	713	179
Shrimp Trawl	981	19,866	1,158	964	19,015	1,176
Skimmer Trawl	132	1,573	144	82	1,133	100
Tongs, Hand	421	6,252	458	448	6,029	451
Trolling	796	5,909	833	770	5,560	823
Trolling, Greenstick <sup>6</sup>	-	-	-	-	-	-
Trotline	27	317	26	23	231	26
Unknown	1	1	1	1	1	1

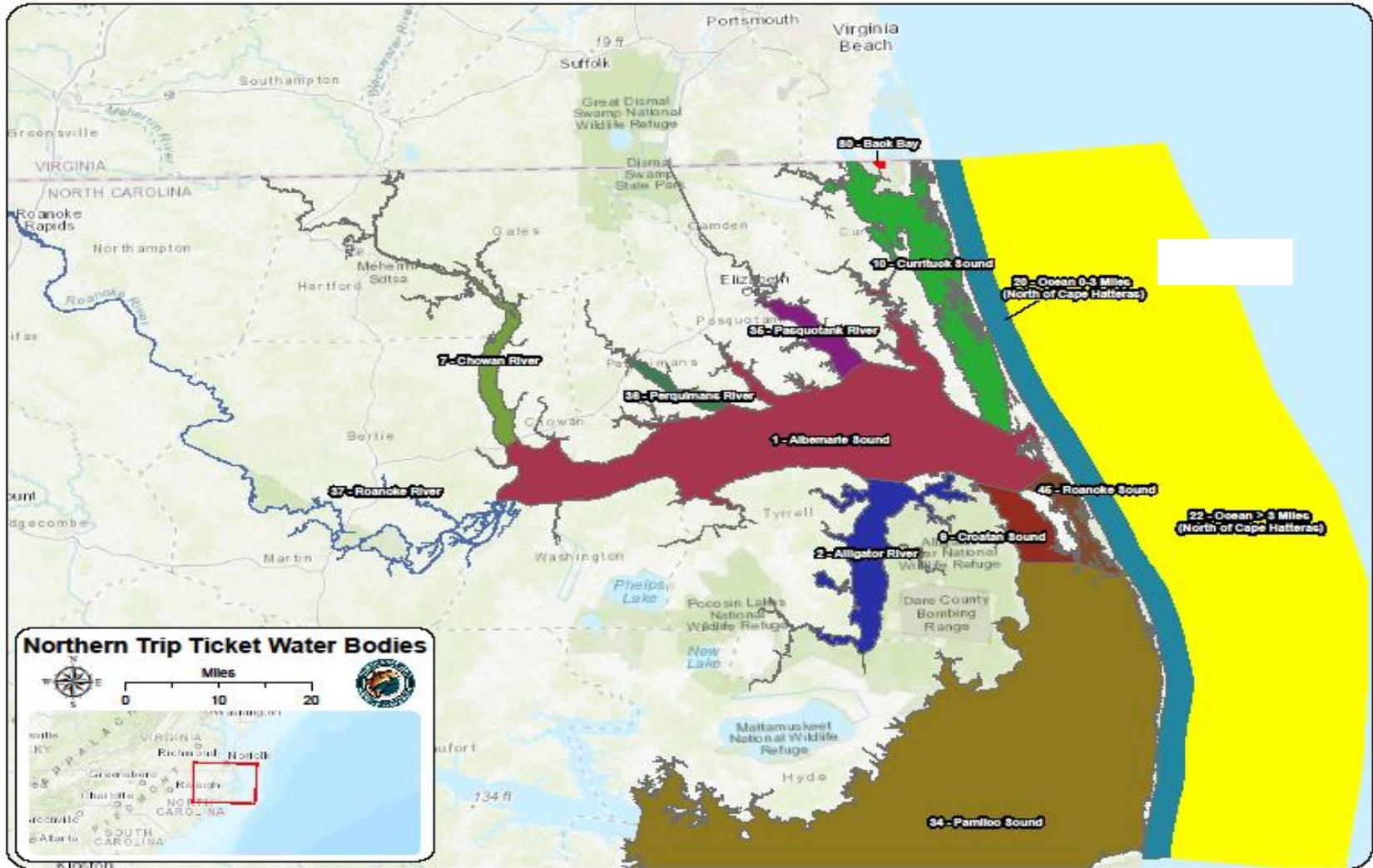
<sup>5</sup> "Peeler Trawl" gearcode was developed in 2010.<sup>6</sup> "Trolling, Greenstick" gearcode was developed in 2013.

Appendix II.1 Trip Ticket Waterbody Districts.



NC Division of Marine Fisheries  
Regional Trip Ticket  
Waterbody Areas

Appendix II.2 Trip Ticket Waterbody Maps #1.



**Appendix II.2 Trip Ticket Waterbody Maps #1 (continued).**

**List of primary and secondary trip ticket waterbodies 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 II.3 Trip Ticket Waterbody Maps #2.



**Appendix II.3 Trip Ticket Waterbody Maps #2 (continued).**

**List of primary and secondary trip ticket waterbodies 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

**White Oak River**

Pettiford Creek 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

**Bogue Sound**

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

**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

**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

**Core Sound**

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

**Ocean 0-3 Miles**

**South of Cape Hatteras**

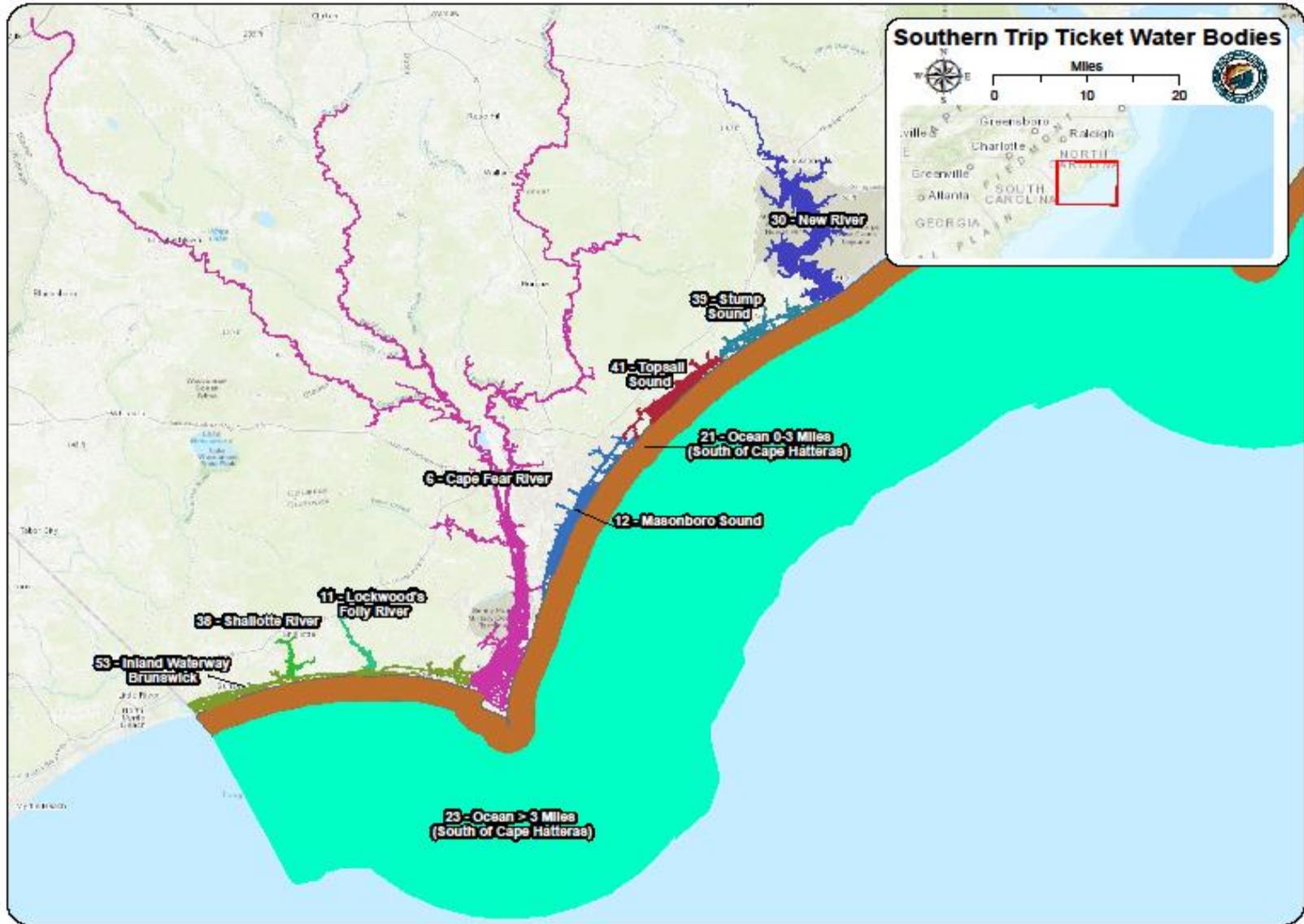
South of Cape Point

**Ocean 0-3 Miles**

**South of Cape Hatteras**

North of Cape Point

Appendix II.4 Trip Ticket Waterbody Maps #3.



**Appendix II.4 Trip Ticket Waterbody Maps #3 (continued).**

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

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

## Chapter III : MARINE RECREATIONAL FISHERY STATISTICS

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## **PROGRAM NARRATIVE**

Information on commercial fisheries has long been collected by the National Oceanic and Atmospheric Administration (NOAA) Fisheries, formerly the National Marine Fisheries Service (NMFS). However, data on marine recreational fisheries were not collected in a systematic manner by NOAA Fisheries on a continuing basis until 1979. The purpose of the NOAA Fisheries 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-Stevens Fishery Conservation and Management Act (MSFCMA). The MSFCMA 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. MSFCMA also requires that fishery management plans consider both recreational and commercial fisheries as well as their harvests.

Due to the MRIP survey's inability to provide reliable catch statistics for fisheries management of some species at the state level due to 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. A target sample size of 15,000 angler intercepts was later established to further improve precision of catch estimates, which 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 chapter is designed to help understand how the data are collected and what types of data are available within this program. This summary should also allow individuals to more precisely choose the information that is most applicable to their specific needs.

## **SURVEY METHODOLOGY**

### **Marine Recreational Information Program (MRIP)**

MRIP is a national program that uses several surveys to obtain catch and effort data for marine finfish at the regional level. MRIP evolved from the Marine Recreational Fisheries Statistics Survey (MRFSS) and included improvements in survey and estimation methodologies to remove sources of bias. Prior to 2018, MRIP consisted of two complementary surveys: 1) the Coastal Household Telephone Survey (CHTS), a random-digit-dialing landline telephone survey within the coastal zones of each state to determine the number of fishing households and the numbers of fishing trips taken and 2) the Access Point Angler Intercept Survey (APAIS) for obtaining catch rates and species composition from anglers fishing in shore-based, charter boat, and private boat fishing modes. The data from the two surveys were combined to provide estimates of the total number of fish caught, released, and harvested; weight of the harvest; total number of trips; and the number of people participating in marine recreational fishing. The National Research Council (NRC) identified under-coverage, inefficiency and bias issues within the MRFSS survey and estimation methodologies (NRC 2006). These deficiencies spurred the development of MRIP as an alternative data collection program to MRFSS.

The APAIS component of MRIP was improved in 2013 to sample throughout the day (24-hour coverage) and remove any potential bias by controlling the movement of field staff to alternative sampling sites. Before this improvement, samplers were allowed to move from their assigned site to more active fishing locations but could not statistically account for this movement when calculating estimates. MRIP also implemented the Fishing Effort Survey (FES) in 2018 to address the NRC concerns of under-coverage of the angling public, declining number of households using landline telephones, reduced response rates, and memory recall issues of the CHTS.

Now, MRIP consists of two complementary surveys: 1) a mail survey of households (FES) in coastal counties to obtain trip information and 2) an intercept survey of anglers (APAIS) at shore side access sites to obtain catch rates and species composition. The data from the two surveys are combined to provide estimates of the total number of fish caught, released, and harvested; the weight of the harvest; the total number of trips; and the number of people participating in marine recreational fishing. For-hire fishing effort is captured through telephone interviews of for-hire captains. All states on the Atlantic and Gulf coasts participate in the FES and APAIS with the exception of Texas and Louisiana.

### **Dockside Interviews**

The intercept survey gathers 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 structure

- Headboat

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 (<https://www.st.nmfs.noaa.gov/msd/html/siteRegister.jsp>). Sites are chosen for interviewing by randomly selecting from access sites that are weighted by estimates of expected fishing activity. The sites are weighted to ensure that each angler trip has a representative probability of being included in the sample. Sampling is distributed among weekdays, weekends, and holidays.

Anglers are intercepted, screened, and interviewed at assigned access sites upon completion of their fishing trips. Data are recorded on standard APAIS coding forms (Appendix 2). A small number of interviews (less than five percent) are conducted with beach/bank shore mode anglers who have not completed their trip. At heavy use sites, every attempt is made to intercept and interview all anglers. If that is not possible, angler counts are obtained to augment interviews. In 2005, NCDMF began routine sampling of headboats to obtain length data from discards.

Each intercept interview consists of:

- an 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 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 dockside while they are cleaning their boats.
- Anglers fishing from natural shorelines can be widely distributed along beaches and banks with multiple access points. Samplers often have to move from angler to angler within the defined boundaries of the site to obtain interviews.
- Man-made structures commonly have a single exit point where samplers can easily intercept departing anglers.
- Headboat sampling is conducted onboard the vessel at sea.

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

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

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, discarded dead, or are otherwise unavailable for inspection are called Type B1 catch. Finally, fish released alive are called Type B2 catch. Type A and Type B1 together comprise harvest, while all three types (A, B1, and B2) represent total catch.

Species such as flounder and kingfish are morphologically ambiguous and cannot be reliably identified to the species level by the angler. As such, discards are identified to the nearest taxonomic category and estimates of released catch are produced at the genus level. Because there are no sources of information with an appropriate timeline or area resolution that can be used to partition the released estimates of ambiguous congener species into their constituent species, Type A catch is used to delineate between them. For example, a ratio of Southern Flounder, Summer Flounder, and Gulf Flounder to total flounder observed is determined from the Type A catch at the estimation level (i.e., state, year, wave, area). These proportions of southern, summer, and Gulf Flounder are applied to the estimates of left-eyed flounder released (unobserved Type B2) catch to produce estimates of discards for each of the specific flounder species. An identical approach is applied to kingfish (e.g., gulf, southern, northern) as well as Spotted Seatrout and Weakfish.

For the Type B catch (fish not available for the interviewer's examination), information is only recorded for individual anglers. Beginning in 2005, headboat anglers were sampled at sea, allowing accurate identification of Type B catch for the first time. For the Type A catch (fish available for inspection), grouped catch is allowed, except when in beach/bank mode. This is a concession to the fact that multiple anglers often will keep all their catch in a single container, and at the end of the trip they are not sure who caught which fish.

### **Fishing Effort Survey**

The FES mail survey employs a dual-frame design with two non-overlapping frames: 1) state residents sampled from the United States Postal Service computerized delivery sequence file (CDS) and 2) non-residents sampled from state-specific lists of licensed saltwater anglers. Non-residents are defined as individuals who were licensed to fish in one of the target states but lived in a different state. Sampling from the CDS uses a stratified design in which households with licensed anglers are identified prior to data collection. The address frame for each state is stratified into coastal and non-coastal strata defined by geographic proximity to the coast. For each wave and stratum, a simple random sample of addresses are selected from the CDS and matched to addresses of anglers who are licensed to fish within their state of residence. Non-resident anglers were sampled directly from state license databases. The sample frame for each of the targeted states consisted of unique household addresses that were not in the targeted state but had at least one person with a license to fish in the targeted state during the wave.

The FES mail survey (Appendix 3) collects fishing effort data for all household residents, including the number of saltwater fishing trips by fishing mode (shore and private boat). The FES is a self-administered mail survey, administered for six, two-month reference waves annually. The initial survey mailing is sent one week prior to the end of the reference wave so that materials are received right at the end of that wave. This initial mailing is delivered by regular, first class mail and includes a cover letter stating the purpose of the survey, a survey questionnaire, a postage-

paid return envelope, and a \$2 cash incentive. One week after the initial mailing, a follow-up, thank you and reminder postcard is mailed via regular first-class mail to all sampled addresses. For addresses that could be matched to a landline telephone number, an automated voice message is also delivered as a reminder to complete and return the questionnaire. Three weeks after the initial survey mailing, a final mailing is delivered to all addresses that have not yet responded to the survey.

### **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 mail survey of households are used to calculate the mean number of trips per household in each fishing mode during each wave.

The FES estimates fishing effort by residents of sampled states in number of angler-trips. The basic approach uses a Horvitz-Thompson total estimator with sample weights that reflect sample inclusion probabilities, a nonresponse adjustment, and a post-stratification adjustment to known population totals. A final adjustment that accounts for non-resident (i.e. out of frame) fishing activity is applied to estimate total effort by fishing mode. This adjustment is derived from the APAIS.

After the final effort estimates are generated, they are stratified into primary fishing areas 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  $\leq 3$  miles, and ocean  $> 3$  miles, although this can vary from state to state (see *Appendix III.4 for 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; and
- 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.

Catch per trip estimates and expanded catch estimates are made for these three types of catch. Total Catch is the sum of Type A catch, Type B1 catch, and Type B2 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 which 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 interviews and mail/telephone surveys using the following formula:

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

where trips equal the total number of finfish 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.

Catch estimates calibrated using the FES are presented for the last 20 years. However, data back to 1981 were also calibrated and are available upon request (see Contacts on page III-13).

## **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:

$$\text{estimate } \pm 1.96 \times (\text{estimate of standard error}).$$

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 a 95% certainty 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:

$$\text{estimate } \pm (1.96 \times \text{PSE}) \text{ percent.}$$

## **SURVEY LIMITATIONS**

### **Rare Event and Pulse 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. Pulse fisheries target species such as Cobia that are highly migratory and only occur seasonally in North Carolina waters, as well as species such as Red Snapper which have a very limited recreational season. For both rare event and pulse fishery species, samplers are unable to intercept enough anglers with these species in their catch to produce precise estimates of catch.

## **Anadromous 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. See chapter IV.

## **CONTACTS**

The MRIP is administered by the NOAA Fisheries Office of Science & Technology, Fisheries Statistics Division. Several states, including North Carolina, manage the dockside sampling portion of the survey. Catch and effort estimates by year and species are available back to 1981. For additional information regarding the survey or to request data not presented in this report, please contact:

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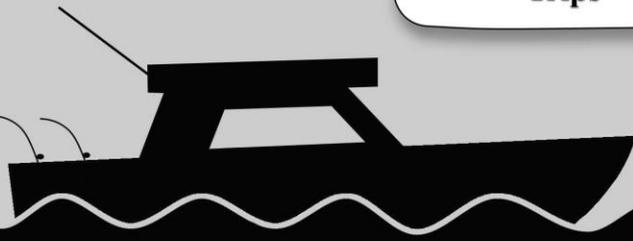
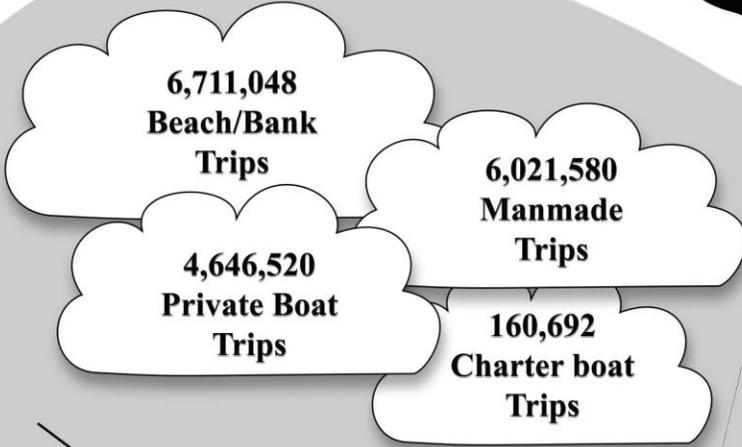
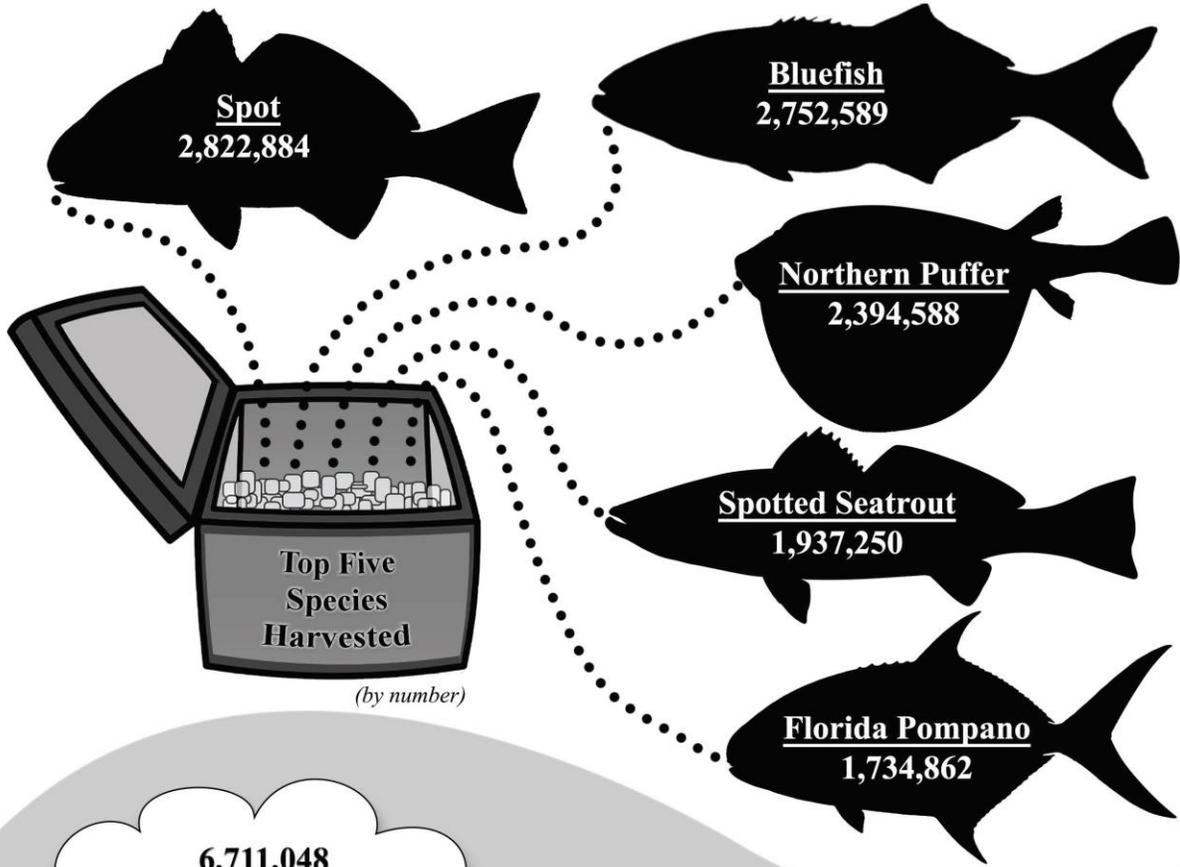
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INFOGRAPHIC

**Marine Recreational  
Fishery Statistics**

*2019 Angler  
Catch and Effort*



**Table III.1 North Carolina marine recreational finfish harvest by species.**

Species	Number Harvested		Pounds Harvested	
	2019	2018	2019	2018
Amberjack	4,236	11,742	81,769	227,441
Barracudas	1,661	5,848	15,529	52,304
Bluefish	2,752,589	3,304,587	3,011,480	2,630,685
Bonito, Atlantic	35,874	12,576	122,931	42,879
Cobia	10,090	25,331	254,963	685,962
Croaker, Atlantic	651,268	472,917	224,337	164,644
Dolphinfish	458,086	495,435	3,147,384	3,318,532
Drum, Black	156,401	134,624	404,452	428,273
Drum, Red	97,186	299,577	436,219	1,452,358
Flounder, Southern	163,045	217,805	387,203	495,289
Flounder, Summer	34,895	57,913	52,872	92,032
Groupers	10,245	1,160	104,455	8,816
Grunts	89,057	11,913	91,273	16,762
Jacks	14,269	44,467	54,844	130,220
Kingfishes	3,370,636	1,731,340	881,104	479,739
Mackerel, King	184,962	102,675	1,446,939	1,018,459
Mackerel, Spanish	1,478,890	1,012,889	1,694,247	1,156,702
Perch, Silver	32,444	6,595	7,520	1,594
Pigfish	432,005	418,174	146,570	163,686
Pinfish	955,550	886,712	217,718	188,046
Pompano	1,734,862	318,702	769,603	245,670
Porgies	8,975	4,045	9,311	7,592
Puffers	2,501,094	330,237	1,016,972	148,220
Sea Basses	151,999	86,153	220,377	116,825
Seatrout, Spotted	1,937,250	449,473	3,334,163	658,555
Sharks	15,660	4,123	110,510	169,486
Sharks, Dogfishes	8,962	7,514	50,477	43,732
Sheepshead	221,419	343,772	590,150	735,738
Snappers	33,055	20,475	50,678	29,407
Spot	2,822,884	2,068,865	851,998	597,511
Striped Bass <sup>1</sup>		25	26	366
Tuna, Bluefin <sup>2</sup>	9	35	23,922	11,918
Tuna, Yellowfin	44864	61,171	1,190,484	1,977,741
Wahoo	17,098	10,690	454,391	280,644
Weakfish	39,061	30,935	43,252	29,924

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

<sup>2</sup> Landings for Atlantic Bluefin Tuna 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 2017.

**Table III.2 North Carolina marine recreational finfish overall harvest and released finfish.**

Year	Number Harvested	Pounds Harvested	Number Released
2019	22,991,602	23,819,357	58,780,769
2018	16,167,035	20,064,976	62,467,785
2017	24,992,736	27,434,020	73,343,486
2016	29,612,819	28,782,892	79,311,111
2015	32,029,176	29,382,094	76,359,197
2014	35,266,582	26,160,399	79,350,225
2013	37,097,386	28,539,154	71,387,944
2012	24,849,139	24,382,691	59,475,261
2011	28,913,465	31,138,553	61,538,383
2010	28,339,722	28,827,120	66,210,770
2009	28,373,054	32,386,251	58,585,443
2008	24,399,920	24,230,177	51,181,826
2007	32,030,305	36,948,737	49,000,158
2006	32,644,303	35,932,215	54,354,928
2005	31,216,078	37,847,540	40,759,376
2004	29,896,721	39,832,941	40,866,383
2003	33,999,152	31,081,963	37,896,160
2002	33,091,963	31,317,369	40,029,463
2001	29,434,712	35,002,246	41,169,692
2000	22,583,867	29,606,819	37,480,759
1999	18,797,344	24,025,603	30,867,860
1998	21,495,066	20,632,560	27,618,324
1997	17,611,273	25,667,654	24,463,398
1996	17,648,228	21,388,190	21,126,385
1995	20,285,155	21,318,710	21,402,764
1994	27,207,985	22,721,036	26,574,243
1993	19,959,266	18,892,022	18,868,785
1992	22,047,490	20,659,018	23,975,805
1991	25,513,630	23,226,188	21,896,152
1990	30,547,188	28,083,671	17,794,105
1989	31,860,381	29,324,818	14,661,067
1988	32,122,713	10,851,835	18,927,988
1987	27,869,954	32,592,416	12,701,702
1986	32,471,202	36,719,837	13,379,969
1985	43,539,768	31,751,840	12,912,223
1984	29,159,941	31,647,052	10,715,507
1983	33,420,274	36,416,585	8,248,603
1982	24,255,664	17,222,968	7,843,562

**Table III.3 North Carolina marine recreational fishing trip estimates by mode (numbers).**

Year	Beach/Bank	Charter Boat	Manmade	Private Boat	Total
2019	6,711,048	160,692	6,021,580	4,646,520	17,539,840
2018	6,879,419	148,004	5,317,495	4,279,389	16,624,306
2017	7,745,619	149,438	9,512,489	5,044,731	22,452,276
2016	10,187,550	140,575	5,970,329	4,860,391	21,158,845
2015	6,699,488	114,043	8,516,390	4,992,920	20,322,840
2014	7,919,735	96,432	6,014,374	4,895,957	18,926,498
2013	6,028,869	111,366	7,097,673	4,847,955	18,085,862
2012	7,156,627	159,160	6,184,923	5,054,638	18,555,348
2011	8,086,490	129,380	6,040,312	5,212,669	19,468,850
2010	7,877,619	138,577	7,174,395	4,982,732	20,173,323
2009	7,751,222	129,412	6,642,257	4,822,295	19,345,187
2008	8,489,916	170,428	6,067,854	4,599,900	19,328,098
2007	6,183,367	185,618	7,105,305	4,671,856	18,146,146
2006	7,199,224	201,368	7,671,720	4,542,632	19,614,943
2005	5,206,759	214,826	7,369,215	4,359,576	17,150,375
2004	6,695,734	183,039	6,245,702	4,276,395	17,400,870
2003	5,353,909	131,566	6,243,796	3,746,771	15,476,042
2002	5,501,125	142,644	5,913,968	3,539,123	15,096,859
2001	5,479,658	160,791	6,105,185	3,363,853	15,109,488
2000	5,687,088	164,116	6,088,224	3,388,516	15,327,944
1999	4,215,059	200,350	5,113,589	3,153,794	12,682,792
1998	3,677,092	189,664	4,435,131	2,806,930	11,108,817
1997	3,618,411	242,043	4,552,528	2,742,087	11,155,069
1996	3,851,521	204,608	3,895,335	2,471,857	10,423,321
1995	3,643,176	167,321	3,958,161	2,222,995	9,991,653
1994	3,874,950	177,061	4,246,772	2,231,472	10,530,255
1993	4,404,924	117,536	4,105,818	2,233,903	10,862,180
1992	4,403,691	87,352	5,097,113	2,277,847	11,866,004
1991	4,497,351	81,065	4,406,694	2,240,961	11,226,071
1990	5,338,764	83,234	4,526,403	2,164,387	12,112,788
1989	4,485,729	94,199	3,955,450	2,137,255	10,672,633
1988	4,444,539	65,320	3,960,772	2,009,639	10,480,270
1987	4,566,175	89,642	2,510,303	1,867,135	9,033,255
1986	4,260,280	101,447	2,733,767	2,076,308	9,171,802
1985	3,569,600	226,397	3,323,582	1,753,973	8,873,553
1984	3,335,089	226,710	4,027,935	1,798,108	9,387,842
1983	4,057,922	248,825	4,219,017	1,746,350	10,272,113
1982	2,789,810	97,074	2,253,604	1,721,703	6,862,191

**Table III.4 North Carolina Coastal Recreational Fishing Licenses<sup>3</sup> issued by residency.**

Year	In-State	Out-of-State	Total
2019	301,847	156,759	458,606
2018	277,698	151,232	428,930
2017	305,422	164,149	469,571
2016	306,718	160,986	467,704
2015	314,557	166,287	480,844
2014	319,069	167,218	486,287
2013	316,514	163,486	480,000
2012	304,840	155,457	460,297
2011	287,914	151,332	439,246
2010	294,163	159,356	453,519
2009	281,471	153,617	435,088
2008	267,062	144,819	411,881
2007	314,569	154,952	469,521

<sup>3</sup>All lifetime inland state fishing licenses sold prior to 2007 were grandfathered into the new CRFL requirement on January 01, 2007. Lifetime CRFLs are not included in this table.

**Table III.5 Directed trips for major species in North Carolina by year.**

Year	Atlantic Bonito		Atlantic Croaker		Black Drum		Black Sea Bass		Bluefish	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
2019	25,061	38.1	1,213,097	8.0	584,856	13.2	596,924	9.3	2,699,198	9.7
2018	18,257	28.0	1,093,754	8.8	773,315	14.3	481,773	10.6	3,031,288	10.4
2017	30,543	59.9	1,569,130	8.5	978,376	18.0	1,001,694	9.3	3,392,266	13.3
2016	15,679	33.8	1,542,439	9.6	927,876	17.1	928,834	12.1	3,194,322	8.8
2015	19,542	52.9	2,219,202	8.5	895,352	25.3	781,023	9.4	3,126,972	10.3
2014	28,278	31.9	1,924,556	7.6	564,678	18.0	815,832	8.3	2,871,661	6.5
2013	15,718	52.4	1,731,001	6.7	624,438	11.3	641,876	7.8	2,769,469	6.3
2012	14,514	27.3	1,250,115	5.6	573,675	9.3	888,824	5.1	2,355,827	4.5
2011	31,149	31.9	1,674,758	6.7	776,683	10.4	663,994	7.5	3,264,390	5.1
2010	9,984	33.2	1,470,467	7.6	535,406	10.4	478,332	7.5	3,027,076	4.7
2009	2,205	58.4	1,572,087	7.9	493,868	13.9	542,005	15.3	2,760,641	6.9
2008	13,758	47.0	1,157,184	8.7	742,385	11.0	331,107	12.0	3,026,633	6.4
2007	20,837	30.5	1,180,041	9.3	675,686	15.6	425,856	9.0	2,931,252	6.5
2006	5,845	40.5	1,789,975	10.4	348,977	14.3	552,372	9.3	2,470,361	7.1
2005	18,319	31.8	1,042,080	11.6	516,299	21.6	575,805	11.7	2,458,978	7.5
2004	31,923	42.0	1,120,097	13.5	392,042	15.9	392,504	10.1	2,112,219	6.7
2003	22,592	31.7	845,302	7.1	616,688	14.9	275,489	10.3	1,682,375	6.3
2002	18,446	55.8	724,894	10.9	456,367	12.9	301,959	12.3	2,087,495	5.6
2001	12,664	43.7	846,118	9.8	295,179	16.6	309,948	8.4	2,301,022	6.2
2000	6,665	40.7	1,055,737	7.5	240,526	13.2	340,630	10.5	2,001,714	7.1
1999	8,070	38.4	889,129	7.6	331,070	10.6	337,942	10.6	1,474,837	6.7
1998	15,700	42.1	751,538	7.0	126,968	13.3	326,235	10.4	1,277,127	5.7
1997	30,651	37.2	713,407	7.0	114,109	13.6	265,191	9.0	1,555,442	5.2
1996	4,685	35.8	816,678	6.2	316,253	13.9	173,616	9.9	1,161,814	5.1
1995	9,535	29.0	870,643	6.2	324,720	12.8	241,714	10.0	1,173,475	5.4
1994	17,210	33.2	1,112,262	6.3	91,207	24.7	364,233	9.2	1,519,347	5.0
1993	16,241	54.7	842,458	8.3	70,018	21.0	217,874	10.9	2,027,758	5.8
1992	10,521	28.3	992,747	9.7	54,890	41.5	226,789	13.0	2,346,495	8.5
1991	13,448	29.1	801,289	10.2	27,941	30.8	263,291	18.1	2,284,363	6.6
1990	11,975	29.2	929,210	12.0	12,504	45.5	252,632	14.7	3,481,179	8.2
1989	16,780	29.6	1,193,791	8.8	1,498	61.7	323,702	17.3	3,213,455	7.7
1988	39,833	72.5	897,527	23.5	16,764	36.0	280,766	18.5	1,786,336	11.6
1987	4,739	36.0	584,488	17.3	62,899	39.2	268,246	32.9	2,321,227	9.6
1986	368	100.0	472,694	15.4	48,258	48.0	124,027	23.9	2,121,061	18.4
1985	1,555	100.0	719,467	14.5	46,425	59.6	376,187	18.5	2,573,654	10.6
1984	6,557	100.0	1,137,932	24.0	-	-	252,290	30.5	3,480,359	12.9
1983	-	-	704,418	19.2	-	-	454,617	31.5	3,508,131	17.0
1982	11,272	41.0	432,806	17.3	16,880	68.2	234,874	41.0	1,628,351	12.1

NOTE: Directed trips are defined as trips that either targeted or caught one of the listed species.

**Table III.5 Directed trips for major species in North Carolina by year (continued).**

Year	Cobia		Dogfish Sharks		Dolphin		Florida Pompano		Flounder	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
2019	187,494	20.5	175,593	43.8	173,192	13.5	688,384	17.8	1,830,553	8.0
2018	294,837	16.9	82,102	33.7	245,040	13.3	631,684	15.1	1,710,890	7.3
2017	302,607	18.6	64,930	32.6	197,686	15.0	713,133	17.9	2,107,301	6.9
2016	349,360	15.3	150,573	29.4	282,195	14.4	637,011	18.0	2,420,326	6.2
2015	326,752	15.8	178,189	39.6	313,062	13.8	782,738	17.6	2,536,854	7.3
2014	244,098	16.4	235,315	28.5	172,691	20.2	670,968	15.1	2,685,072	6.1
2013	204,560	18.0	257,897	36.9	191,701	16.6	1,011,337	12.9	2,623,195	5.7
2012	154,376	12.2	84,192	22.2	222,284	10.7	799,938	8.7	2,552,146	3.8
2011	148,917	15.4	225,852	18.3	235,775	13.1	941,780	10.5	2,519,959	4.5
2010	187,077	11.0	149,586	16.5	221,856	21.0	661,895	10.0	2,900,583	4.0
2009	164,221	18.0	59,569	39.7	350,015	13.6	571,454	11.5	2,577,363	5.9
2008	61,094	21.5	273,811	47.6	172,004	11.1	475,820	13.0	2,405,131	5.3
2007	118,012	16.8	105,601	29.9	290,229	10.9	443,393	14.6	2,221,405	6.1
2006	193,578	17.6	79,737	28.6	235,063	12.6	507,279	25.5	2,379,590	7.9
2005	124,143	18.0	159,265	56.1	272,904	12.2	489,171	19.1	1,911,063	7.4
2004	97,748	16.8	320,230	16.8	198,813	13.3	646,943	17.1	2,078,666	5.3
2003	99,879	15.9	44,501	38.1	140,721	11.8	480,255	17.4	1,729,028	5.3
2002	106,282	19.1	63,077	29.6	156,100	9.9	314,426	20.6	1,958,411	5.3
2001	74,602	19.6	97,601	22.5	123,279	10.1	348,006	17.3	1,861,792	4.8
2000	62,698	20.5	50,092	24.2	177,393	11.4	416,598	19.5	2,121,537	5.3
1999	49,309	23.2	29,834	35.8	122,660	10.4	196,917	14.0	1,158,885	5.6
1998	41,978	16.6	29,574	39.1	77,099	9.0	190,193	13.0	1,428,756	5.1
1997	77,757	15.8	20,978	26.2	137,464	8.4	171,752	11.8	1,426,854	4.7
1996	54,930	15.4	32,907	22.1	97,631	11.8	187,919	14.6	1,126,979	4.9
1995	100,572	18.0	50,972	23.3	135,226	7.7	227,195	13.7	1,230,301	5.1
1994	80,223	14.9	51,154	17.2	158,189	12.0	213,126	11.7	1,834,545	4.6
1993	45,510	21.6	39,754	24.4	126,273	12.1	408,236	13.3	1,745,979	5.4
1992	65,703	18.7	181,964	23.8	66,367	10.3	219,503	21.8	1,598,735	6.3
1991	80,530	19.7	153,145	20.1	103,066	12.4	348,669	12.7	1,604,122	6.6
1990	65,450	31.1	273,474	23.9	59,901	12.1	652,897	22.7	1,531,247	9.6
1989	51,379	31.1	137,176	22.9	89,052	14.9	364,538	24.9	1,033,473	10.0
1988	18,513	28.7	200,154	30.7	54,797	55.5	111,867	28.0	1,361,005	18.1
1987	42,484	26.7	246,125	43.6	50,311	21.7	343,262	30.2	1,090,007	16.0
1986	133,472	32.2	176,010	47.7	39,528	9.3	287,193	11.7	1,204,201	13.8
1985	104,499	48.7	145,998	31.1	43,556	51.9	349,226	28.4	1,799,421	13.7
1984	51,144	64.3	238,585	31.7	12,954	57.8	288,244	30.8	1,807,897	15.6
1983	9,464	100.0	57,410	37.0	20,697	47.1	145,619	67.8	1,678,640	15.1
1982	24,803	61.8	28,559	38.3	18,613	71.7	130,581	23.0	1,412,465	11.3

NOTE: Directed trips are defined as trips that either targeted or caught one of the listed species.

**Table III.5 Directed trips for major species in North Carolina by year (continued).**

Year	Great Barracuda		Greater Amberjack		Groupers		Grunts		Jacks	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
2019	25,651	38.0	10,645	31.4	16,055	29.9	27,931	29.2	82,919	25.3
2018	21,941	32.2	18,103	36.4	6,475	28.1	20,808	41.2	74,771	21.9
2017	16,193	35.4	16,026	21.6	20,781	28.5	33,219	30.4	120,189	39.1
2016	10,188	35.2	35,587	27.9	37,721	29.1	47,810	44.4	217,866	18.4
2015	15,801	40.1	32,110	26.9	54,148	18.9	36,039	30.3	204,853	26.7
2014	5,961	39.4	11,311	34.8	37,348	28.0	16,808	37.7	118,156	27.9
2013	7,505	48.7	23,982	32.3	30,365	17.3	20,830	22.2	104,820	19.1
2012	7,125	24.9	18,101	21.2	64,985	19.4	29,517	19.6	137,269	21.6
2011	7,640	31.9	9,951	25.5	29,448	23.0	28,930	24.5	130,946	17.5
2010	10,976	23.4	24,796	41.4	44,583	17.2	24,308	24.6	55,491	26.8
2009	15,559	32.3	36,383	24.1	66,797	19.5	43,402	26.2	46,004	32.0
2008	21,258	27.7	34,312	27.5	70,685	16.1	23,929	25.2	156,608	35.5
2007	6,884	40.9	5,271	72.4	83,941	23.8	33,788	19.5	37,127	22.9
2006	6,711	34.8	10,889	50.1	40,651	21.2	32,203	27.1	22,983	33.7
2005	18,925	31.7	8,613	50.0	37,640	21.8	35,511	23.5	49,323	23.3
2004	10,565	40.7	7,860	34.8	33,386	23.2	30,995	25.0	14,489	31.1
2003	8,236	27.1	10,342	29.2	12,093	32.3	22,700	27.9	41,348	46.7
2002	12,916	21.2	11,290	24.1	12,477	37.3	15,726	26.3	41,353	24.1
2001	10,676	23.2	7,780	26.2	13,175	27.4	11,484	22.9	27,930	47.1
2000	3,586	37.9	11,144	40.8	10,723	46.6	12,243	46.3	29,057	55.1
1999	5,780	38.4	3,876	41.8	8,209	33.1	8,805	28.3	22,995	31.2
1998	7,301	28.9	6,087	33.0	13,725	33.8	13,161	31.5	15,315	33.6
1997	6,321	31.1	7,077	31.0	8,818	35.4	11,874	28.7	63,352	25.3
1996	11,842	31.3	15,233	20.3	14,768	35.8	16,037	28.2	14,258	37.8
1995	13,122	26.8	8,333	24.5	25,804	19.2	23,491	21.2	23,208	24.0
1994	10,705	21.0	15,226	28.3	49,759	21.6	70,363	14.8	13,088	24.3
1993	12,933	29.6	11,018	23.5	33,570	21.7	45,317	19.6	68,709	26.7
1992	7,817	28.6	8,064	25.4	18,182	23.3	31,180	18.5	36,892	40.7
1991	6,118	29.5	56,414	48.9	38,871	31.4	31,333	22.0	36,436	23.1
1990	12,276	36.2	12,660	27.4	60,090	32.3	49,428	43.9	78,219	54.8
1989	6,856	37.1	16,320	30.7	34,056	22.3	30,682	21.4	65,613	49.6
1988	14,908	68.1	7,635	30.3	19,914	21.5	22,183	19.8	73,835	80.4
1987	3,441	39.3	16,159	38.8	12,655	38.2	14,085	26.1	55,371	34.7
1986	268	54.1	24,415	38.8	1,651	81.6	350	100.0	231,679	27.6
1985	-	-	9,069	35.7	21,132	37.1	2,392	67.4	51,813	39.9
1984	8,197	100.0	3,073	100.0	25,412	40.6	67,464	30.0	64,734	55.1
1983	1,878	0.0	4,161	15.8	8,984	100.0	41,734	100.0	15,449	43.0
1982	-	-	412	100.0	12,343	64.7	521	100.0	23,770	49.7

NOTE: Directed trips are defined as trips that either targeted or caught one of the listed species.

**Table III.5 Directed trips for major species in North Carolina by year (continued).**

Year	King Mackerel		Kingfish		Pigfish		Porgies		Puffers	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
2019	384,858	12.1	2,208,088	10.5	461,144	12.4	15,841	37.4	1,280,586	13.2
2018	417,690	14.9	1,660,341	12.1	492,024	10.9	5,225	42.8	490,330	28.4
2017	409,587	12.7	2,361,137	10.7	676,968	15.3	40,115	39.5	812,904	11.8
2016	271,754	14.3	2,741,476	12.0	848,240	10.8	37,693	55.1	1,427,536	14.8
2015	390,806	11.3	2,842,692	12.1	985,857	9.8	34,494	37.6	1,770,078	19.5
2014	375,929	13.0	2,538,697	9.8	902,261	10.3	16,996	48.9	395,524	16.8
2013	320,144	12.7	2,910,094	6.0	719,546	10.9	15,630	25.5	576,049	11.3
2012	325,194	10.4	2,443,663	5.1	743,921	6.4	25,548	20.3	1,261,061	7.0
2011	259,299	12.8	2,005,965	6.2	864,320	8.4	10,658	34.5	872,144	10.3
2010	287,082	9.7	2,614,698	5.8	728,441	7.5	11,989	30.4	839,916	13.2
2009	501,252	10.4	2,421,670	7.5	626,307	11.7	23,759	28.8	360,375	14.6
2008	340,646	10.7	1,742,848	8.5	700,737	16.2	26,882	26.9	562,782	15.8
2007	475,140	9.2	1,791,749	8.1	591,424	14.4	21,491	23.2	317,421	35.4
2006	386,012	12.5	1,605,005	9.4	443,494	15.0	11,129	37.0	287,797	23.7
2005	464,675	8.7	1,260,798	11.0	632,464	23.4	27,794	24.9	339,008	26.2
2004	395,324	10.9	1,513,388	9.6	738,709	12.5	112,539	38.3	413,765	13.3
2003	283,193	8.3	1,044,531	8.6	834,218	10.5	11,038	31.3	507,955	18.2
2002	353,673	12.5	843,478	10.9	596,590	12.1	8,557	28.3	538,354	14.9
2001	317,006	9.4	1,046,464	8.5	557,787	10.6	11,777	26.2	543,238	9.9
2000	296,502	11.7	1,310,049	9.1	651,759	9.8	29,190	45.1	513,484	10.3
1999	190,705	11.5	719,508	8.5	651,697	9.6	7,823	38.1	418,583	12.0
1998	195,413	14.7	653,069	8.5	645,435	8.6	12,108	32.7	178,079	13.2
1997	256,783	8.4	622,487	7.1	730,699	7.4	19,903	23.2	298,694	12.1
1996	223,974	10.2	699,179	8.4	738,252	7.4	12,181	30.9	384,447	12.6
1995	356,003	7.8	783,545	7.2	588,935	8.2	22,499	19.7	225,761	12.4
1994	385,404	8.7	1,027,407	7.9	591,972	8.7	70,481	19.9	375,140	10.0
1993	362,612	8.5	871,255	10.0	494,231	9.8	33,920	21.3	439,314	14.3
1992	355,767	8.0	987,809	16.3	581,256	12.5	30,629	19.0	1,053,038	14.2
1991	413,152	7.6	1,073,637	11.2	444,929	14.3	44,751	18.0	353,515	13.8
1990	418,747	11.9	1,008,142	13.8	487,082	20.1	58,652	37.0	498,454	19.1
1989	394,667	11.6	558,414	14.8	666,410	12.6	38,329	26.0	500,525	16.5
1988	248,979	14.8	1,109,114	17.3	659,073	15.6	32,995	20.0	422,304	23.5
1987	371,986	14.2	688,396	18.4	643,854	23.7	20,878	23.0	227,546	40.4
1986	333,622	31.1	721,770	40.5	297,118	24.3	9,137	61.8	403,119	43.9
1985	377,973	24.5	419,946	17.3	460,697	20.2	22,099	67.7	140,717	35.9
1984	231,800	23.7	542,411	20.8	581,449	30.8	78,651	28.2	118,171	50.4
1983	291,067	24.3	476,653	25.8	589,457	23.5	138,433	53.2	88,165	40.9
1982	202,767	15.9	563,925	19.4	363,663	43.2	66,862	62.0	237,109	56.5

NOTE: Directed trips are defined as trips that either targeted or caught one of the listed species.

**Table III.5 Directed trips for major species in North Carolina by year (continued).**

Year	Red Drum		Sheepshead		Snappers		Spanish Mackerel		Spot	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
2019	2,687,752	9.9	311,630	14.3	23,442	30.9	1,320,690	11.1	1,062,156	10.1
2018	3,478,377	13.8	350,785	14.2	6,474	36.4	1,072,569	10	948,789	10.1
2017	3,675,064	12.6	486,805	16.0	39,089	39.1	1,065,266	13.6	1,333,257	12.6
2016	3,693,885	11.9	266,617	17.9	29,989	58.1	984,307	10.2	892,716	11.0
2015	2,762,521	18.2	321,035	14.6	21,563	45.0	915,635	8.2	1,788,190	10.7
2014	2,995,433	9.0	255,414	17.0	15,585	43.3	1,073,559	8.5	2,125,494	8.6
2013	2,542,714	6.4	371,139	10.5	6,860	31.8	781,315	7.8	2,385,900	7.1
2012	2,557,094	4.9	405,546	8.8	22,615	22.7	832,918	6.3	1,636,385	5.9
2011	1,089,325	6.7	308,075	12.5	9,117	33.6	875,873	8.4	2,343,254	7.3
2010	1,755,179	7.0	285,820	12.9	9,729	24.8	858,946	8.0	1,978,044	7.0
2009	1,702,448	15.6	317,796	13.7	21,756	28.7	953,259	10.7	2,334,320	7.6
2008	1,491,162	14.2	281,738	13.7	22,634	31.7	721,131	7.7	1,860,288	8.5
2007	1,053,326	8.7	340,505	19.9	13,744	27.5	583,273	9.2	1,920,093	10.6
2006	916,020	8.9	215,691	23.6	5,630	41.2	592,208	11.1	3,190,948	11.5
2005	706,486	8.7	147,013	19.2	18,910	28.6	562,428	11.9	2,504,785	12.4
2004	522,126	9.6	160,973	25.8	18,795	29.7	693,660	16.7	2,308,073	8.3
2003	476,674	9.2	210,037	11.8	6,257	44.5	557,305	11.4	2,096,846	8.6
2002	902,697	8.4	174,010	13.1	9,934	34.3	652,877	11.1	1,575,172	10.9
2001	536,851	8.9	169,511	13.7	10,556	33.4	573,249	12.4	1,873,118	9.9
2000	711,051	7.6	243,234	15.2	4,230	37.7	668,735	12.5	1,565,541	8.4
1999	662,625	7.7	176,898	12.7	7,356	34.1	490,881	10.7	1,418,188	8.2
1998	521,028	8.4	122,528	15.9	3,772	53.5	361,670	10.9	1,551,639	8.5
1997	314,360	8.4	112,257	16.6	14,520	27.5	553,133	7.9	1,155,445	6.7
1996	364,726	9.9	66,671	15.2	15,439	34.8	398,041	8.6	1,621,884	6.6
1995	674,269	7.3	112,359	12.7	23,673	19.7	390,306	7.8	1,428,803	6.3
1994	621,918	8.2	126,838	14.4	31,616	22.0	569,538	7.3	1,912,005	6.7
1993	906,950	7.8	164,875	17.7	17,726	25.8	624,360	8.6	1,687,428	7.4
1992	716,307	12.8	139,232	21.6	17,846	19.8	750,273	8.9	1,766,448	10.8
1991	661,450	12.2	102,231	14.7	17,883	22.9	718,947	6.3	2,128,269	8.3
1990	538,581	19.1	94,796	19.0	27,746	46.2	702,445	10.9	1,856,343	10.3
1989	915,055	13.7	104,468	21.6	27,194	33.5	784,182	14.5	1,709,410	8.9
1988	409,391	35.0	66,494	23.2	15,648	24.6	301,053	10.6	1,582,830	16.8
1987	681,645	23.9	53,816	36.4	14,843	34.4	360,764	13.0	1,250,216	13.6
1986	216,931	18.0	46,832	38.3	4,272	84.9	601,408	33.2	1,207,328	12.2
1985	398,397	28.1	13,672	76.6	29,306	78.1	151,263	28.2	2,320,914	14.2
1984	513,880	23.2	52,395	42.4	41,603	20.8	153,734	37.0	1,851,069	15.5
1983	775,248	18.4	8,770	75.9	53,003	85.8	39,648	81.4	1,893,659	12.0
1982	181,019	34.3	42,268	40.5	-	-	146,127	26.6	1,393,111	11.8

NOTE: Directed trips are defined as trips that either targeted or caught one of the listed species.

**Table III.5 Directed trips for major species in North Carolina by year (continued).**

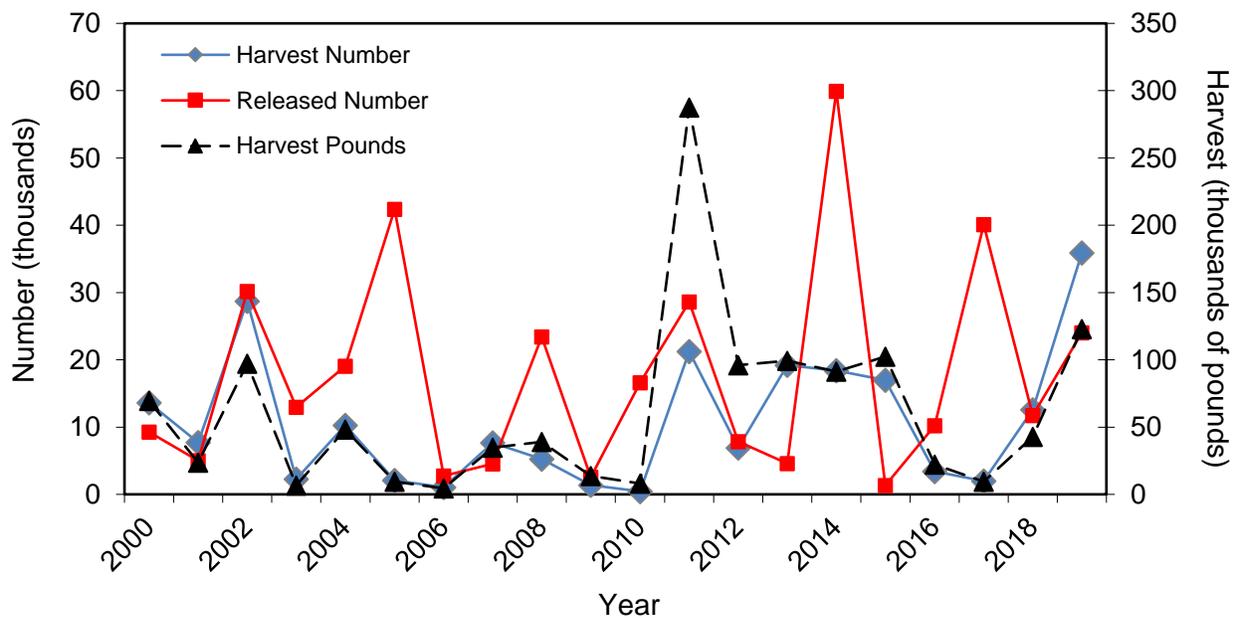
Year	Spotted Seatrout		Striped Bass <sup>1</sup>		Wahoo		Weakfish		Yellowfin Tuna	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
2019	2,867,512	6.5	28,365	25.7	43,329	19.4	112,100	18.0	48,751	23.3
2018	1,606,853	10.9	28,388	41.7	47,725	20.3	97,928	23.7	54,138	27.0
2017	2,851,053	11.9	32,116	35.9	74,721	19.3	147,138	16.8	89,469	17.0
2016	2,322,627	7.5	158,610	45.7	83,613	22.6	275,045	15.6	120,076	20.1
2015	2,537,677	7.1	4,586	93.9	99,224	24.3	449,929	21.8	40,563	25.3
2014	2,154,879	8.1	134,105	81.0	70,998	26.2	226,756	15.2	42,991	22.2
2013	2,233,881	6.6	50,006	40.7	47,999	24.2	164,120	13.5	45,804	26.7
2012	2,365,291	5.2	126,230	28.3	62,680	15.0	198,691	12.1	52,846	20.0
2011	1,689,106	5.7	228,198	18.6	51,715	21.4	122,784	14.5	45,558	28.5
2010	1,716,486	7.3	180,151	19.9	43,944	18.0	231,359	12.9	38,146	27.3
2009	1,873,557	8.5	316,463	21.9	51,309	24.0	187,203	15.7	63,104	48.7
2008	1,444,238	11.2	604,391	19.9	50,932	18.2	151,787	15.6	32,264	23.0
2007	1,116,323	8.8	736,232	18.2	56,232	19.9	211,544	13.9	155,576	15.5
2006	1,077,306	9.1	846,769	24.6	64,976	25.9	385,571	14.9	163,653	15.3
2005	967,636	13.3	540,379	17.7	58,120	25.8	297,007	12.0	154,860	17.3
2004	537,440	8.8	884,229	12.5	40,833	20.2	368,146	12.6	138,284	17.4
2003	400,109	12.0	185,658	13.6	35,915	27.1	246,707	12.3	105,434	13.0
2002	548,358	17.2	351,816	13.5	53,204	18.2	249,751	13.4	115,054	26.6
2001	374,519	11.4	328,790	11.5	32,951	19.2	387,690	15.5	106,870	10.8
2000	534,790	13.5	320,439	12.7	55,387	20.5	290,012	12.5	97,501	10.2
1999	615,015	9.9	201,568	10.5	36,787	17.0	323,706	10.4	100,951	8.1
1998	461,677	10.0	418,479	8.1	19,552	12.2	325,912	13.2	57,984	7.4
1997	545,032	10.4	401,702	8.6	46,756	15.4	284,957	9.6	105,601	12.8
1996	530,593	10.7	287,069	10.3	41,899	15.9	215,012	10.3	123,884	14.3
1995	760,843	7.8	135,019	13.6	46,288	11.3	199,328	11.1	67,313	10.2
1994	728,875	9.6	100,767	14.4	35,247	13.5	297,732	10.6	76,311	10.4
1993	676,541	10.5	41,223	30.1	22,211	16.9	247,237	14.2	44,841	9.7
1992	874,396	11.0	18,165	46.4	21,221	18.5	156,607	18.1	36,731	16.0
1991	838,924	9.6	74,635	40.4	16,358	17.5	193,545	20.1	38,878	22.8
1990	638,272	10.1	-	-	17,041	18.7	118,139	18.2	14,489	19.7
1989	979,095	14.0	-	-	20,862	18.9	214,618	17.0	64,830	22.0
1988	489,668	16.4	1,265	100.0	5,366	22.7	238,449	27.0	38,024	41.3
1987	1,078,367	18.8	-	-	14,075	26.9	417,768	31.1	48,460	26.4
1986	709,774	11.3	-	-	35,658	26.5	538,707	30.1	82,895	21.9
1985	728,712	20.4	-	-	6,322	97.2	207,516	29.5	24,825	53.8
1984	584,669	24.6	284	0.0	1,637	100.0	321,962	21.3	1,011	100.0
1983	512,877	24.7	-	-	11,083	64.2	172,911	34.6	11,435	45.0
1982	444,128	23.6	-	-	577	100.0	87,418	33.4	-	-

<sup>1</sup> Atlantic Ocean Striped Bass only.

NOTE: Directed trips are defined as trips that either targeted or caught one of the listed species.

**Table III.6 Atlantic Bonito recreational catch in North Carolina by year.**

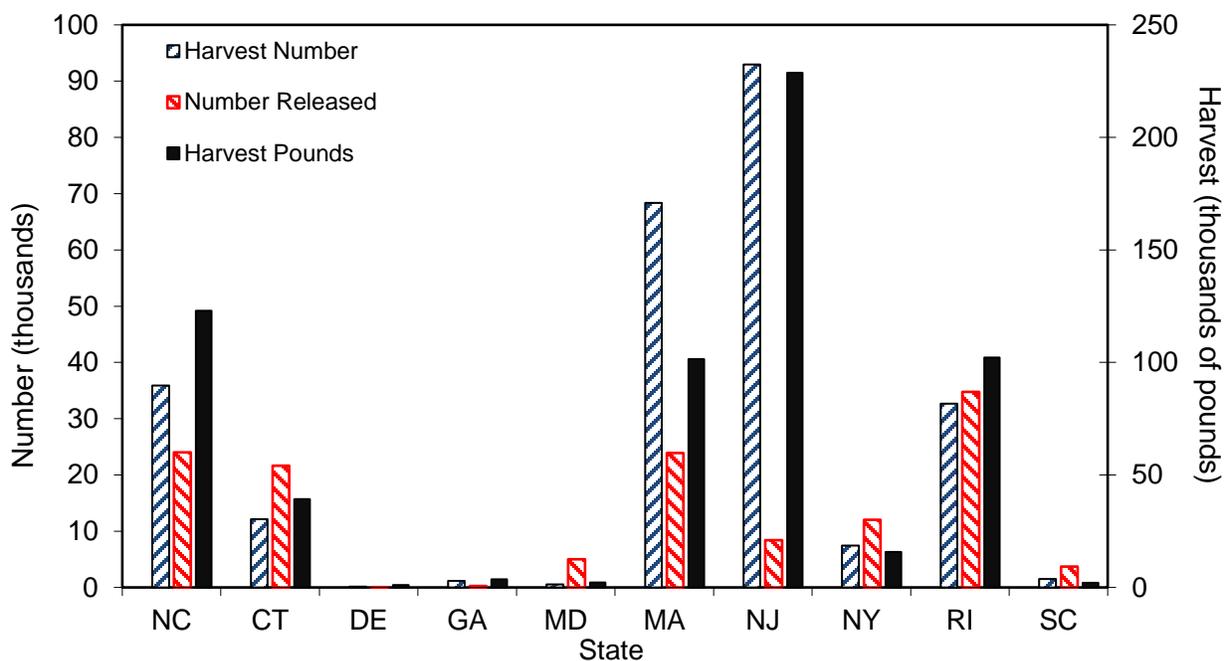
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	35,874	66.6	122,931	48.6	17.1	3.4	24,033	66.1
2018	12,576	42.5	42,879	49.7	18.1	3.4	11,745	66.4
2017	1,999	45.6	9,578	53.0	18.8	4.8	40,094	75.6
2016	3,411	64.7	22,127	60.3	21.5	6.5	10,196	45.2
2015	16,973	44.8	102,408	42.8	21.6	6.0	1,325	60.8
2014	18,380	49.3	91,228	53.6	20.1	5.0	59,925	62.7
2013	19,182	59.9	99,252	55.4	20.4	5.2	4,609	41.3
2012	6,913	37.1	95,947	49.3	27.1	13.9	7,858	35.6
2011	21,235	73.1	287,458	66.4	27.1	13.5	28,618	42.1
2010	447	42.4	8,019	47.1	30.2	17.9	16,583	41.6
2009	1,379	71.8	13,799	85.4	24.4	10.0	2,561	92.2
2008	5,230	56.8	39,093	61.8	22.2	7.5	23,411	61.1
2007	7,685	48.1	34,693	46.3	20.4	4.5	4,523	41.8
2006	1,037	102.4	4,457	102.4	21.0	4.3	2,755	51.4
2005	2,102	76.6	9,388	73.8	21.5	4.5	42,363	98.6
2004	10,273	56.6	48,251	57.3	21.6	4.7	19,082	39.3
2003	2,275	58.8	6,685	51.2	16.6	2.9	12,968	50.9
2002	28,728	64.0	97,115	66.1	19.3	3.4	30,165	65.7
2001	7,722	48.2	23,602	50.7	17.4	3.1	5,001	56.1
2000	13,617	93.4	69,579	89.9	22.2	5.1	9,257	58.4



**Figure III.1 Atlantic Bonito recreational catch in North Carolina by year.**

**Table III.7 Atlantic Bonito recreational catch by state, 2019.**

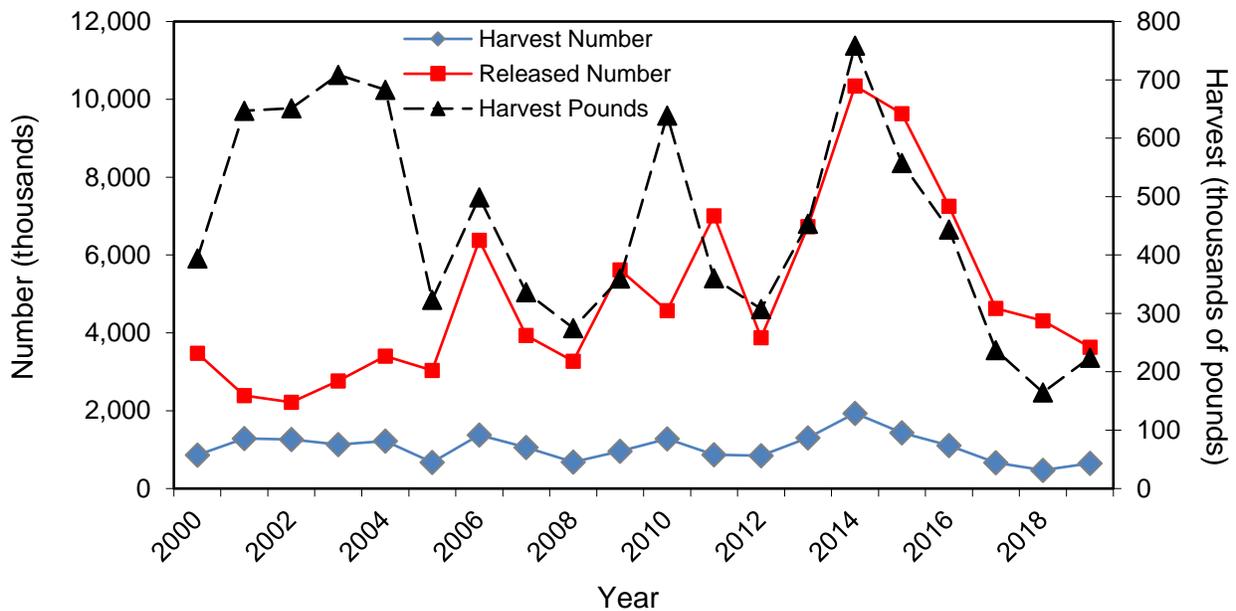
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	35,874	66.6	122,931	48.6	17.1	3.4	24,033	66.1
Connecticut	12,113	54.2	39,272	55.1	18.4	3.2	21,662	56.2
Delaware	124	74.9	1,075	74.9	25.2	8.6	15	109.8
Georgia	1,148	72.9	3,585	89.3	14.7	3.1	249	90.9
Maryland	528	81.6	2,183	90.3	19.1	4.1	5,009	44.9
Massachusetts	68,356	20.1	101,521	25.9	13.0	1.5	23,917	34.8
New Jersey	92,962	41.4	228,772	34.6	16.2	2.5	8,388	58.5
New York	7,453	57.2	15,811	53.0	15.8	2.1	11,999	62.0
Rhode Island	32,643	38.7	102,211	36.5	18.1	3.1	34,740	35.7
South Carolina	1,509	33.6	2,099	31.0	13.6	1.4	3,689	95.3



**Figure III.2 Atlantic Bonito recreational catch by state, 2019.**

**Table III.8 Atlantic Croaker recreational catch in North Carolina by year.**

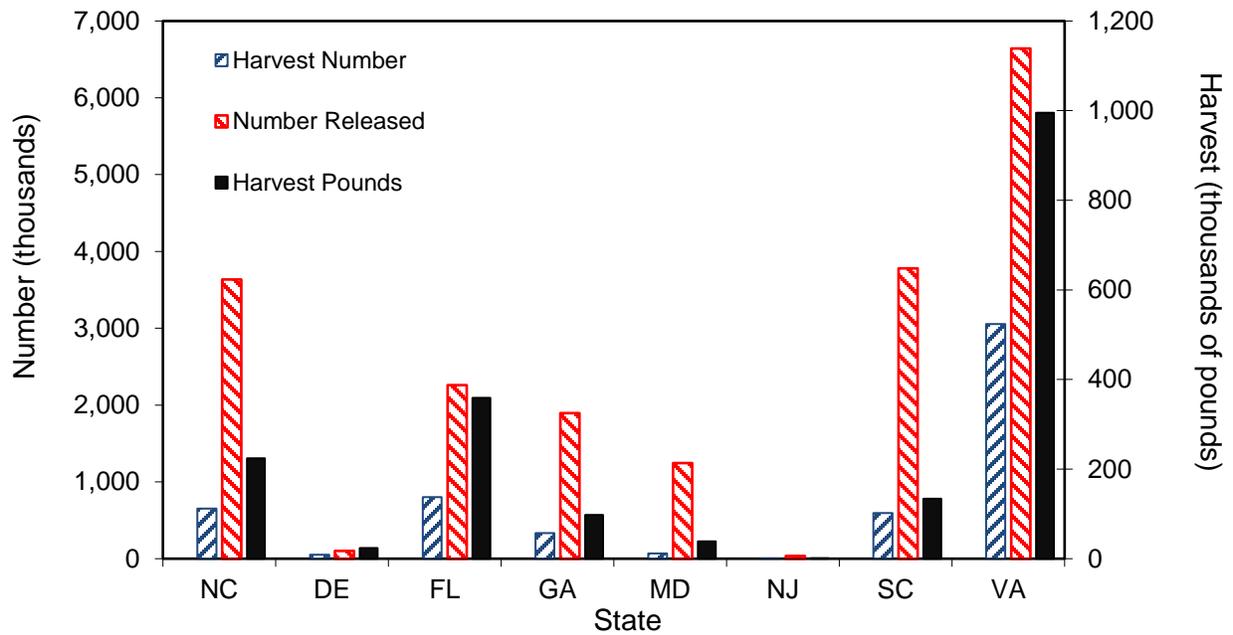
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	651,268	20.7	224,337	22.8	9.0	0.3	3,634,211	11.5
2018	472,917	16.0	164,644	16.1	8.9	0.3	4,311,368	13.2
2017	666,930	16.7	237,160	16.9	9.0	0.4	4,631,445	13.0
2016	1,109,570	16.2	443,728	16.8	9.3	0.4	7,254,382	14.9
2015	1,437,019	14.7	557,735	16.3	9.2	0.4	9,632,560	11.1
2014	1,935,961	21.6	758,751	16.9	9.1	0.4	10,347,332	13.8
2013	1,300,804	15.7	453,881	15.8	9.1	0.3	6,729,556	10.5
2012	848,495	12.1	307,338	12.6	9.2	0.4	3,878,710	8.7
2011	873,659	15.2	360,390	15.6	9.6	0.4	7,005,152	13.6
2010	1,280,446	16.0	638,817	15.7	9.8	0.5	4,571,287	9.8
2009	958,128	16.1	359,703	16.2	8.9	0.4	5,623,278	11.1
2008	678,638	14.8	275,052	15.4	9.5	0.4	3,274,873	11.6
2007	1,058,663	20.7	336,486	21.5	8.4	0.3	3,933,603	12.4
2006	1,376,403	23.9	498,741	23.3	8.8	0.4	6,381,434	11.9
2005	672,437	22.4	323,380	22.0	9.6	0.5	3,038,472	12.4
2004	1,218,206	26.1	683,113	24.1	10.1	0.6	3,407,280	14.0
2003	1,127,298	18.8	708,487	23.2	10.4	0.6	2,765,303	12.5
2002	1,265,031	18.8	651,611	17.3	9.7	0.5	2,218,039	23.8
2001	1,285,029	15.7	647,119	15.1	10.0	0.5	2,387,491	11.8
2000	860,246	14.5	394,037	14.8	9.6	0.5	3,475,554	12.5



**Figure III.3 Atlantic Croaker recreational catch in North Carolina by year.**

**Table III.9 Atlantic Croaker recreational catch by state, 2019.**

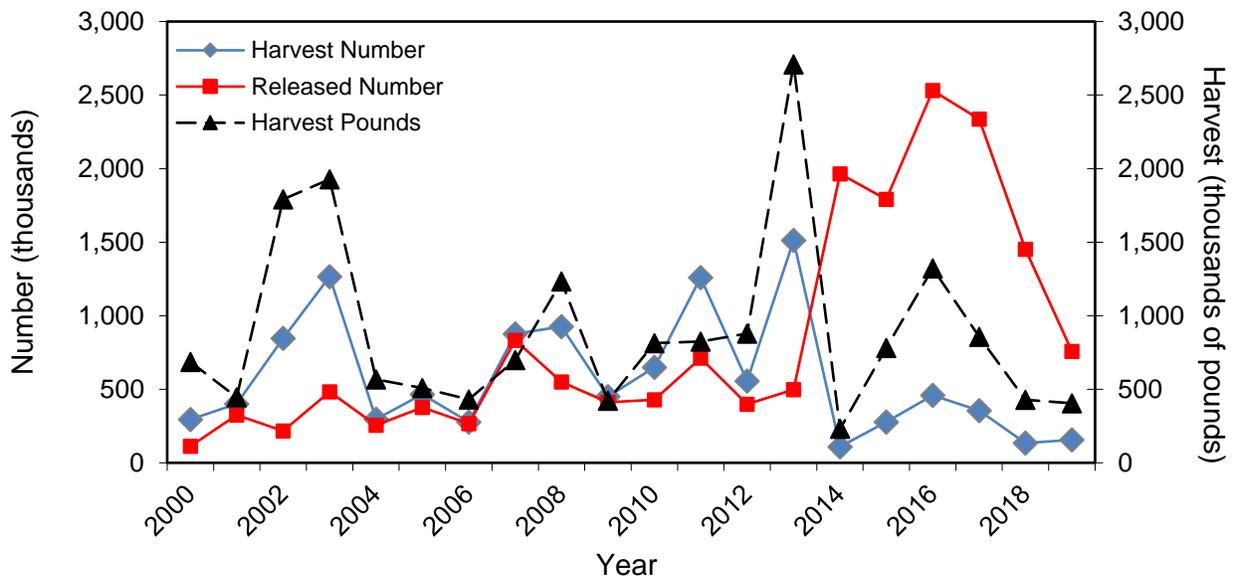
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	651,268	20.7	224,337	22.8	9.0	0.3	3,634,211	11.5
Delaware	53,048	19.2	23,973	25.2	9.8	0.5	101,526	26.0
Florida	801,751	59.0	358,941	57.7	10.1	0.4	2,259,705	41.2
Georgia	332,073	33.9	97,791	32.1	8.5	0.3	1,893,287	17.4
Maryland	69,771	74.7	38,895	71.9	10.7	0.6	1,243,785	26.4
New Jersey	3,031	105.7	973	105.7	9.0	0.3	33,333	59.2
South Carolina	595,044	24.1	133,776	21.6	7.6	0.2	3,778,170	27.2
Virginia	3,055,510	16.0	995,491	16.2	9.0	0.3	6,642,685	18.9



**Figure III.4 Atlantic Croaker recreational catch by state, 2019.**

**Table III.10 Black Drum recreational catch in North Carolina by year.**

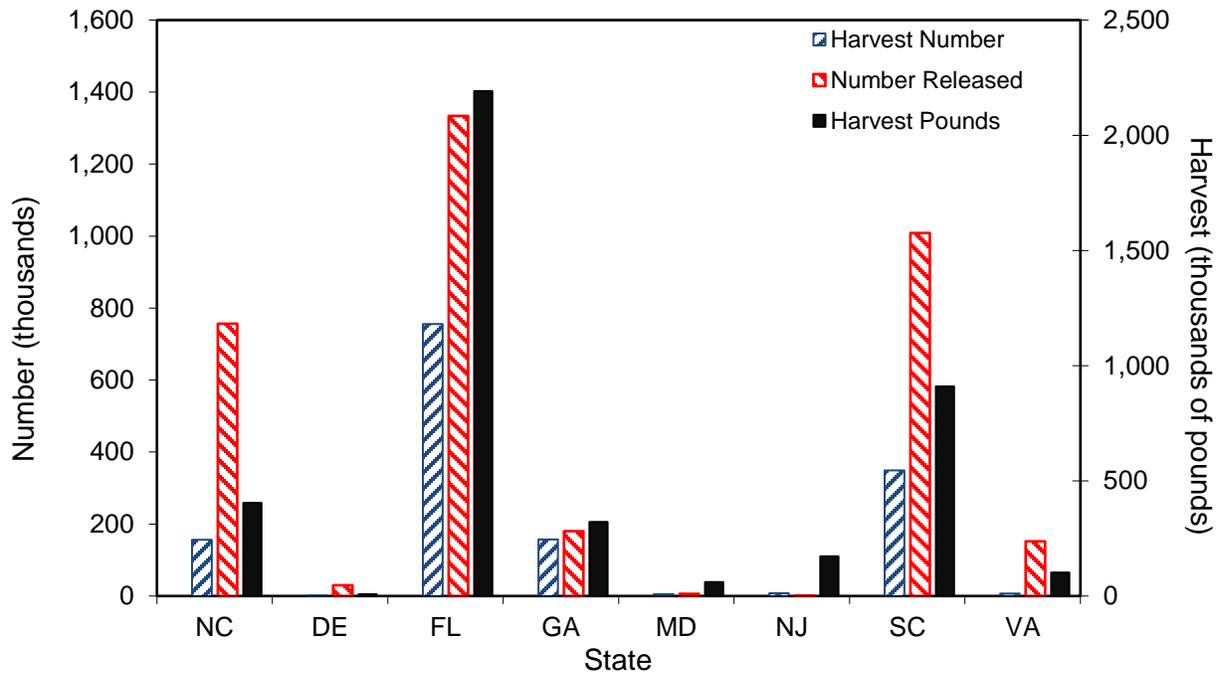
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	165,401	19.9	404,452	20.1	15.7	2.6	756,749	16.6
2018	134,624	27.2	428,273	28.3	16.5	3.2	1,450,855	21.6
2017	355,544	47.8	856,081	46.9	16.1	2.4	2,336,352	22.1
2016	276,126	20.1	780,876	18.6	16.9	2.8	1,791,758	21.9
2015	109,307	38.5	230,834	32.9	15.0	2.1	1,964,749	27.2
2014	1,511,995	17.6	2,709,269	25.8	12.9	1.8	497,334	27.7
2013	556,482	20.9	879,401	20.4	12.7	1.6	397,155	18.7
2012	1,259,216	20.9	823,423	18.3	10.0	0.7	711,755	23.1
2011	650,010	24.8	812,699	23.6	11.3	1.3	427,577	27.4
2010	449,901	26.5	421,788	21.2	10.6	0.9	411,358	28.3
2009	925,963	22.7	1,232,589	27.9	12.4	1.3	548,931	25.2
2008	876,178	24.9	697,822	19.7	10.7	0.8	832,132	25.6
2007	276,257	22.5	431,212	25.6	13.4	1.6	265,369	29.0
2006	465,076	29.4	509,328	30.8	10.5	1.1	376,363	25.6
2005	296,531	21.1	566,484	20.5	13.5	1.9	255,753	44.2
2004	1,265,995	42.6	1,926,671	32.3	11.1	1.5	481,742	21.2
2003	846,855	18.5	1,791,703	20.2	14.1	2.1	215,810	34.5
2002	400,983	29.5	446,202	24.8	11.2	1.1	325,234	32.2
2001	293,983	30.1	685,687	35.6	15.2	2.3	112,470	28.2
2000	374,245	16.7	561,678	18.4	12.9	1.5	267,723	25.4



**Figure III.5 Black Drum recreational catch in North Carolina by year.**

**Table III.11 Black Drum recreational catch by state, 2019.**

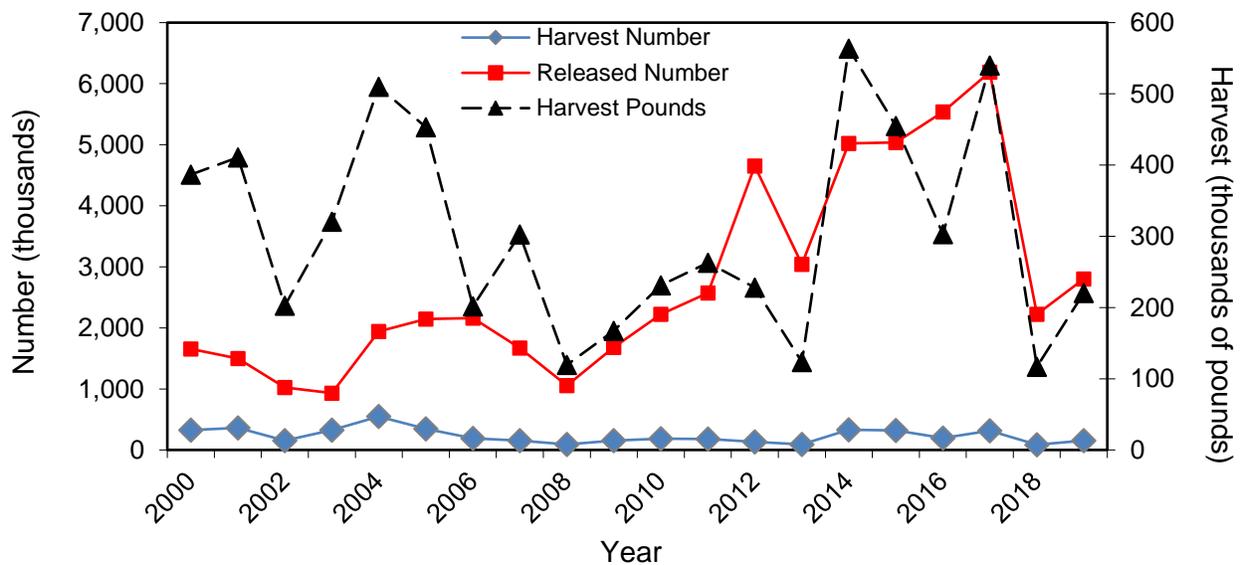
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	156,401	19.9	404,452	20.1	15.7	2.6	756,749	16.6
Delaware	931	68.9	8,117	63.7	24.4	8.7	29,878	83.6
Florida	755,638	16.6	2,919,274	17.6	17.3	3.0	1,333,745	25.6
Georgia	157,584	32.1	321,406	25.5	14.8	2.0	179,872	41.9
Maryland	4,897	25.9	59,912	25.9	23.2	12.2	6,346	26.8
New Jersey	7,506	56.1	172,735	56.8	32.0	23.0	1,953	68.5
South Carolina	349,053	25.7	910,327	24.4	15.9	2.6	1,008,506	17.1
Virginia	6,600	40.4	101,535	57.3	26.1	15.4	152,074	46.5



**Figure III.6 Black Drum recreational catch by state, 2019.**

**Table III.12 Black Sea Bass recreational catch in North Carolina by year.**

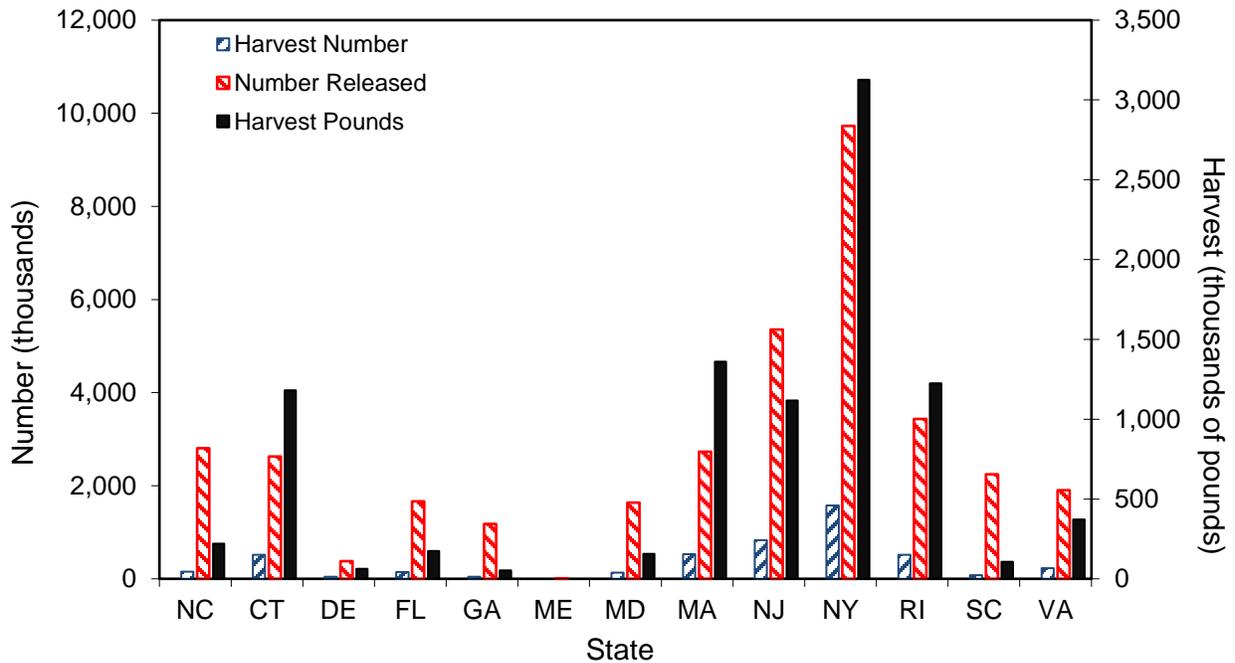
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	151,999	50.2	220,377	51.6	14.3	1.4	2,802,990	18.0
2018	86,153	32.9	116,825	32.1	13.6	1.4	2,223,800	17.0
2017	316,925	29.3	539,910	30.9	14.7	1.7	6,190,501	13.5
2016	194,512	31.4	302,925	31.9	14.5	1.6	5,536,050	13.7
2015	319,653	32.9	455,100	32.5	14.0	1.4	5,036,500	18.8
2014	332,594	32.2	563,662	31.6	14.7	1.7	5,022,908	15.6
2013	89,682	20.7	123,413	21.3	13.9	1.4	3,041,126	9.8
2012	134,124	18.2	228,090	19.8	14.4	1.7	4,650,495	8.4
2011	179,892	32.4	262,904	33.5	14.0	1.5	2,569,950	9.1
2010	184,479	26.1	231,236	26.5	13.3	1.3	2,223,822	16.9
2009	152,614	30.0	167,165	28.0	13.1	1.1	1,681,278	14.5
2008	91,097	30.8	119,530	30.4	13.6	1.3	1,056,171	14.0
2007	153,597	37.9	302,485	31.8	15.4	2.0	1,672,116	12.3
2006	190,962	27.6	201,508	30.4	12.3	1.1	2,162,091	11.9
2005	346,733	28.2	453,071	41.7	13.2	1.3	2,142,304	14.4
2004	547,651	33.1	509,890	30.4	11.7	0.9	1,942,630	15.7
2003	327,249	22.1	320,436	21.4	11.9	1.0	931,453	15.7
2002	153,335	22.6	202,496	21.2	13.1	1.3	1,023,629	13.5
2001	362,563	18.6	410,649	19.8	12.3	1.1	1,498,961	12.6
2000	327,651	30.9	386,856	39.6	12.8	1.2	1,652,835	19.8



**Figure III.7 Black Sea Bass recreational catch in North Carolina by year.**

**Table III.13 Black Sea Bass recreational catch by state, 2019.**

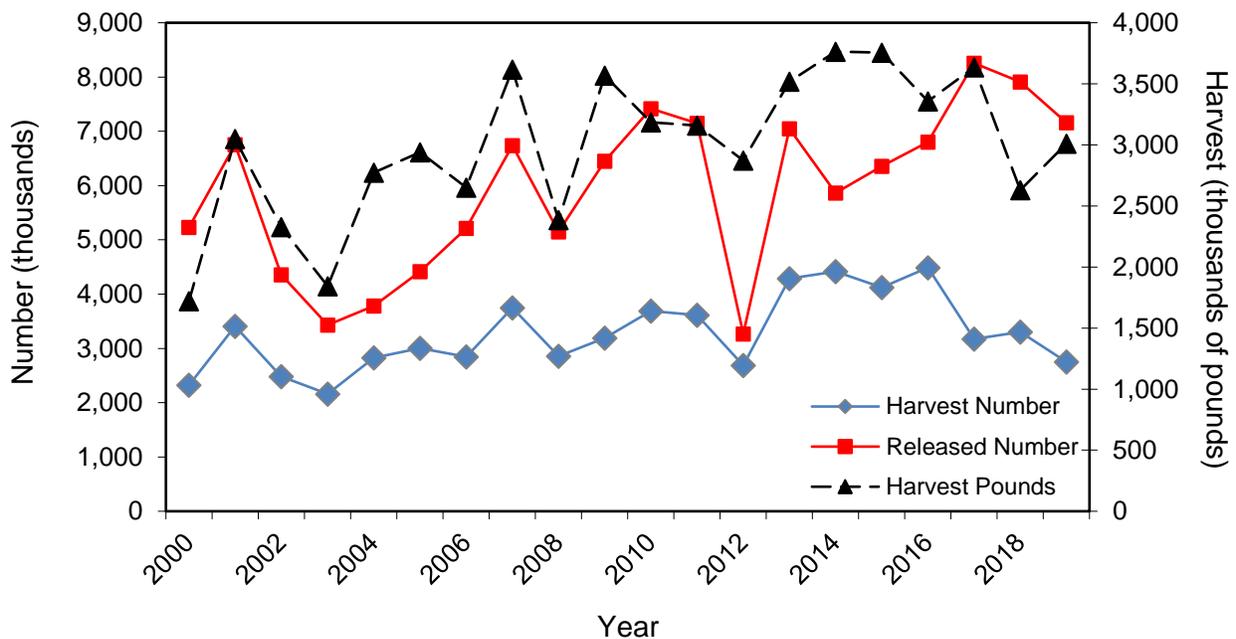
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	151,999	50.2	220,377	51.6	14.3	1.4	2,802,990	18.0
Connecticut	515,601	17.9	1,180,400	18.4	17.1	2.3	2,624,762	15.2
Delaware	43,435	22.3	61,974	25.4	14.3	1.4	378,301	22.0
Florida	144,562	35.2	173,489	34.0	11.4	0.8	1,665,845	17.2
Georgia	44,648	42.9	51,684	45.2	13.0	1.2	1,181,069	40.1
Florida	-	-	-	-	-	-	1,684	98.3
Maryland	129,432	27.8	156,986	26.5	13.5	1.2	1,635,747	41.9
Massachusetts	526,594	20.0	1,361,110	21.5	18.1	2.6	2,728,800	18.8
New Jersey	831,241	17.1	1,117,658	18.6	13.9	1.3	5,352,818	14.8
New York	1,577,042	14.5	3,126,473	15.3	16.6	2.0	9,725,431	12.4
Rhode Island	517,033	15.7	1,225,058	16.0	17.8	2.4	3,436,223	17.0
South Carolina	76,019	24.2	105,633	25.3	13.6	1.4	2,246,856	15.2
Virginia	230,844	40.3	371,523	38.6	14.5	1.6	1,903,352	19.0



**Figure III.8 Black Sea Bass recreational catch by state, 2019.**

**Table III.14 Bluefish recreational catch in North Carolina by year.**

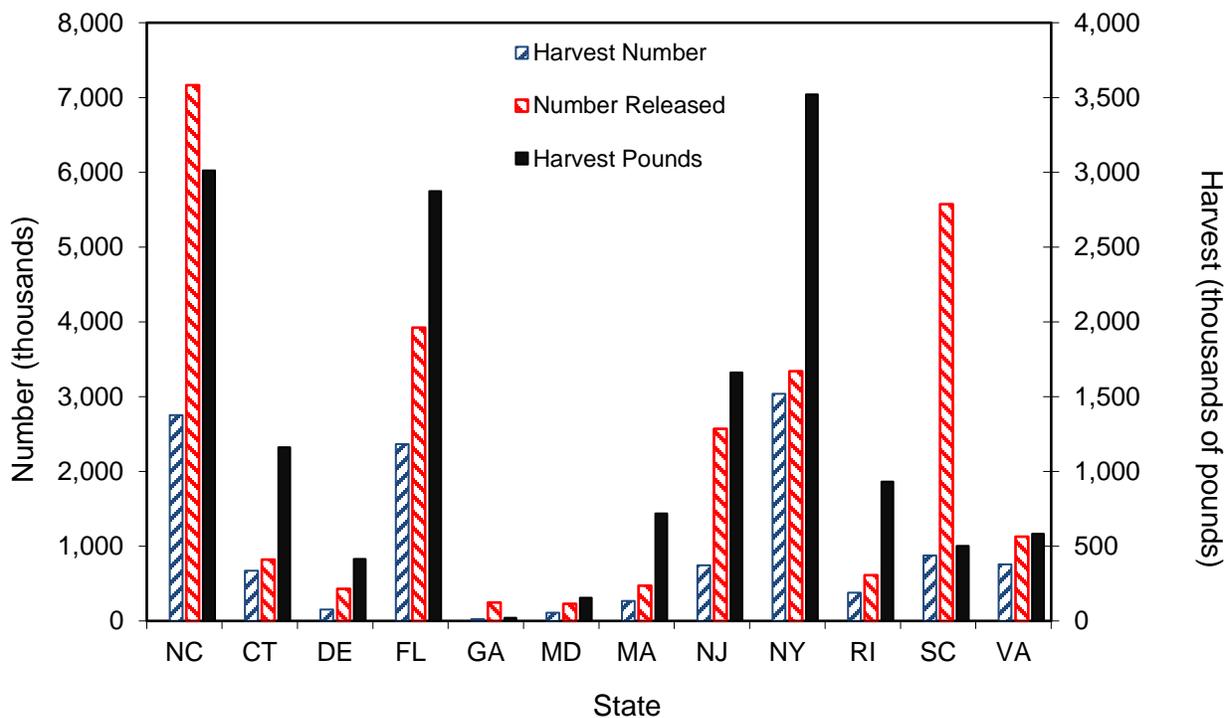
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	2,752,589	23.0	3,011,480	22.4	11.3	0.8	7,162,431	22.0
2018	3,304,587	13.1	2,630,685	12.3	11.3	0.8	7,912,210	16.2
2017	3,173,218	18.3	3,634,502	28.0	12.3	1.1	8,255,510	29.8
2016	4,489,223	17.3	3,356,049	17.1	11.2	0.7	6,802,960	19.3
2015	4,123,461	14.5	3,754,577	14.4	11.9	0.9	6,356,252	15.4
2014	4,418,858	13.3	3,764,005	13.5	12.0	0.9	5,862,762	12.8
2013	4,287,526	11.8	3,517,233	11.8	11.4	0.8	7,050,725	11.4
2012	2,684,392	10.0	2,872,922	11.0	12.5	1.1	3,268,032	8.7
2011	3,613,883	12.0	3,158,287	14.6	11.7	0.9	7,150,476	10.9
2010	3,691,868	10.7	3,185,652	12.4	11.6	0.9	7,419,644	12.3
2009	3,190,313	13.2	3,566,768	15.1	12.7	1.1	6,447,822	12.5
2008	2,855,199	13.9	2,385,349	14.0	12.2	0.8	5,146,870	9.8
2007	3,749,514	13.7	3,616,359	12.5	12.3	1.0	6,740,155	12.4
2006	2,842,593	17.3	2,651,326	21.6	12.3	0.9	5,213,436	13.0
2005	3,004,921	14.6	2,938,814	16.6	12.4	1.0	4,417,822	11.2
2004	2,825,382	12.9	2,773,518	12.9	12.8	1.0	3,781,031	10.9
2003	2,161,780	11.2	1,843,018	11.3	12.4	0.9	3,432,547	12.9
2002	2,484,516	12.7	2,327,789	12.1	12.5	0.9	4,357,535	11.8
2001	3,410,135	11.3	3,048,743	11.3	12.7	0.9	6,756,435	13.9
2000	2,325,583	10.7	1,721,367	10.7	12.0	0.7	5,231,507	24.8



**Figure III.9 Bluefish recreational catch in North Carolina by year.**

**Table III.15 Bluefish recreational catch by state, 2019.**

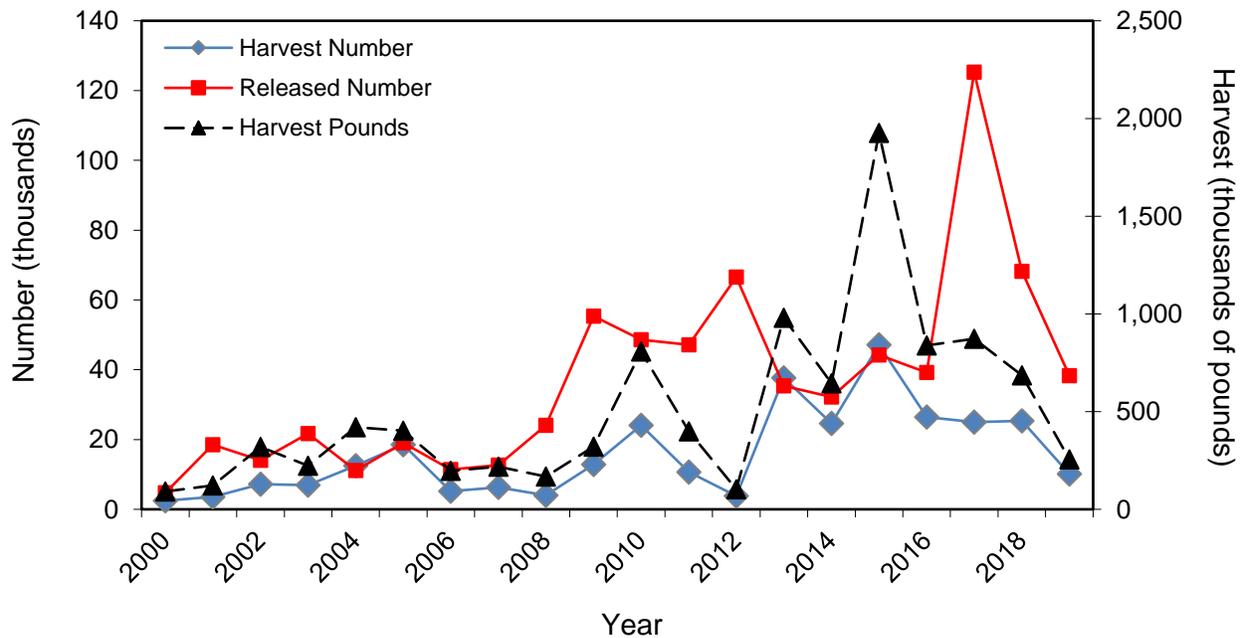
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	2,752,589	23.0	3,011,480	22.4	13.0	1.1	7,162,431	22.0
Connecticut	670,401	45.1	1,161,103	38.3	14.6	1.7	819,694	23.7
Delaware	151,469	33.8	415,267	47.0	16.9	2.7	430,371	35.8
Florida	2,366,165	22.7	2,874,785	23.0	14.4	1.3	3,920,450	20.2
Georgia	26,364	31.1	21,886	36.8	11.6	0.8	247,036	23.7
Maryland	111,769	24.7	154,451	23.8	13.2	1.4	226,968	29.4
Massachusetts	265,628	36.6	719,130	30.2	17.5	2.7	471,132	19.5
New Jersey	741,722	17.3	1,660,208	20.8	15.5	2.2	2,568,926	20.7
New York	3,037,380	19.5	3,521,431	18.1	10.9	1.2	3,339,052	21.5
Rhode Island	379,715	41.0	931,991	28.5	15.0	2.5	611,878	21.8
South Carolina	877,372	24.2	502,699	29.5	10.7	0.6	5,571,425	17.6
Virginia	756,717	31.6	581,458	27.4	11.4	0.8	1,125,283	35.6



**Figure III.10 Bluefish recreational catch by state, 2019.**

**Table III.16 Cobia recreational catch in North Carolina by year.**

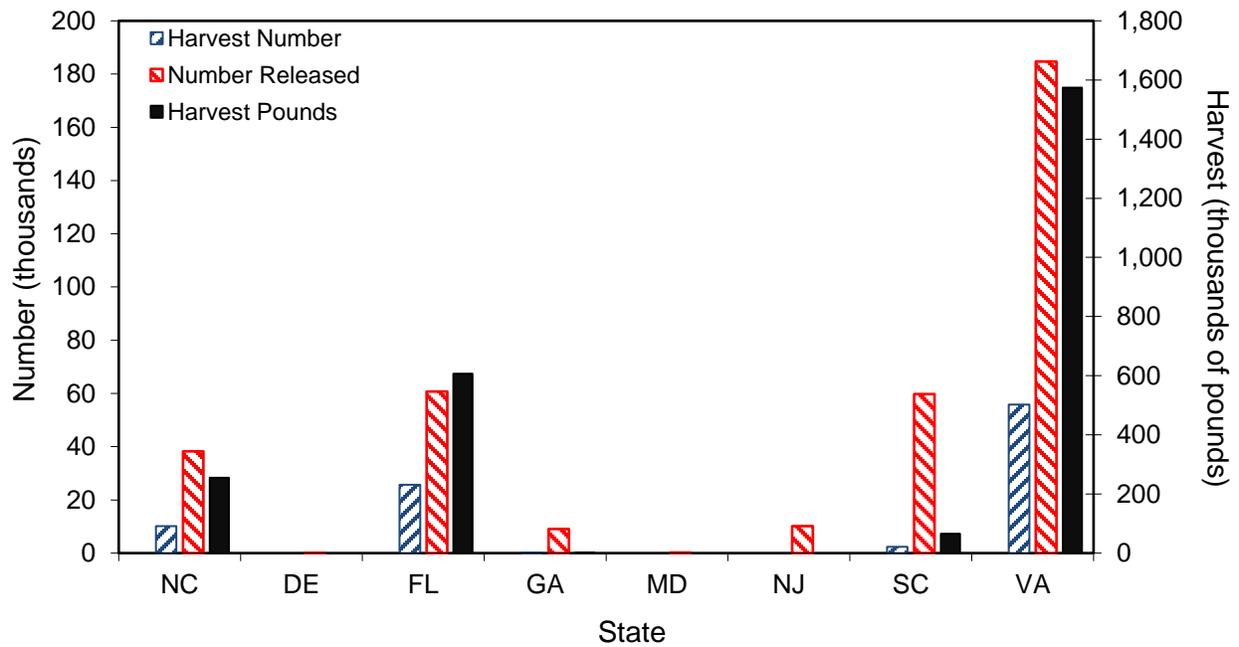
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	10,090	38.6	254,963	36.8	40.3	25.3	38,285	23.3
2018	25,331	33.2	685,962	29.1	40.7	27.1	68,219	23.4
2017	25,025	46.1	872,861	45.4	43.5	34.9	125,251	44.5
2016	26,421	44.9	838,363	44.6	42.7	31.7	39,237	26.6
2015	47,110	28.3	1,925,762	29.8	44.2	40.9	44,254	31.4
2014	24,601	35.8	645,427	35.8	39.3	26.2	32,184	29.3
2013	37,617	31.2	980,541	33.0	38.7	26.1	35,398	32.2
2012	3,805	33.9	102,077	35.2	39.0	26.8	66,567	30.1
2011	10,711	40.4	399,192	43.1	41.5	37.3	47,151	25.0
2010	24,030	26.8	808,227	27.8	43.2	33.6	48,590	29.7
2009	12,823	40.7	320,075	45.4	37.9	25.0	55,374	27.3
2008	3,972	54.9	167,463	68.5	45.3	42.2	24,028	39.2
2007	6,262	46.9	218,447	45.0	43.6	34.9	12,695	32.7
2006	5,154	39.4	196,330	45.6	42.6	38.1	11,425	30.1
2005	18,491	48.7	401,557	46.2	37.4	21.7	19,083	43.5
2004	12,522	39.9	420,684	41.4	43.0	33.6	11,079	42.1
2003	6,948	30.4	223,508	37.4	41.6	32.2	21,722	28.4
2002	7,196	46.1	319,178	54.6	48.1	44.4	14,036	38.4
2001	3,548	33.1	121,751	37.9	43.0	34.3	18,500	32.2
2000	2,473	59.6	91,143	54.3	41.0	36.9	4,734	39.8



**Figure III.11 Cobia recreational catch in North Carolina by year.**

**Table III.17 Cobia recreational catch by state, 2019.**

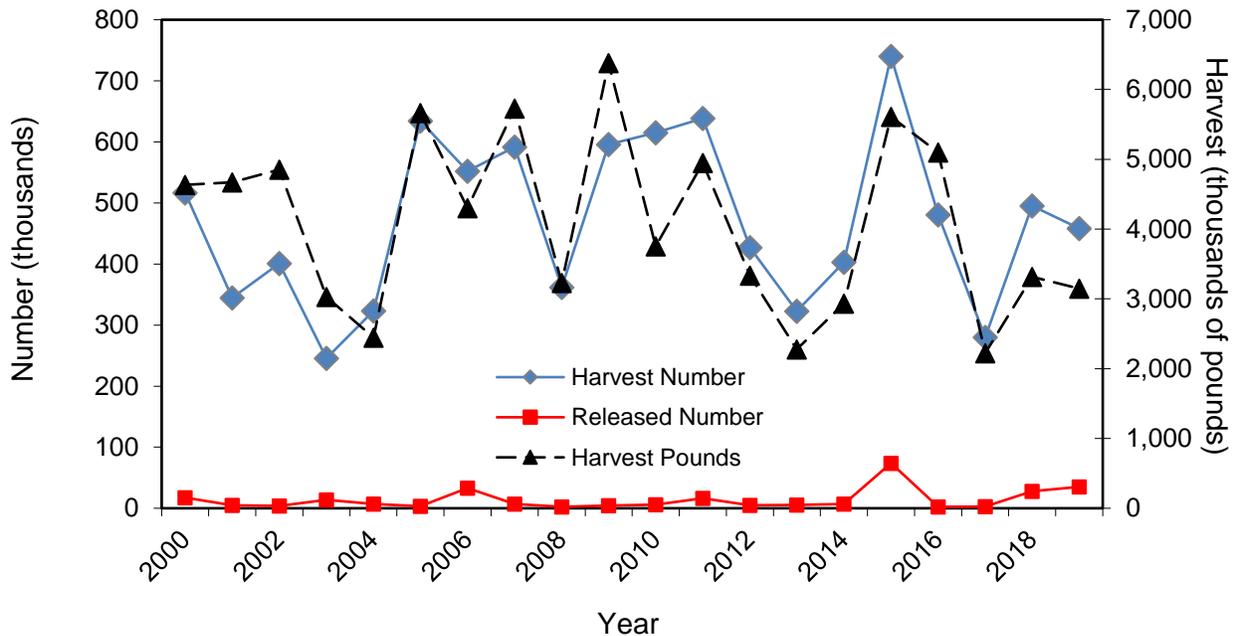
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	10,090	38.6	254,963	36.8	40.3	25.3	38,285	23.3
Delaware	-	-	-	-	-	-	30	89.4
Florida	25,712	70.3	607,142	74.5	37.1	21.7	60,761	40.2
Georgia	72	56.9	1,632	56.8	37.6	22.7	9,080	55.5
Maryland	-	-	-	-	-	-	251	102.9
New Jersey	-	-	-	-	-	-	10,166	99.4
South Carolina	2,381	70.6	64,937	82.3	42.5	27.3	59,724	38.7
Virginia	55,770	22.6	1,573,485	22.0	39.7	28.2	184,716	25.5



**Figure III.12 Cobia recreational catch by state, 2019.**

**Table III.18 Dolphinfish recreational catch in North Carolina by year.**

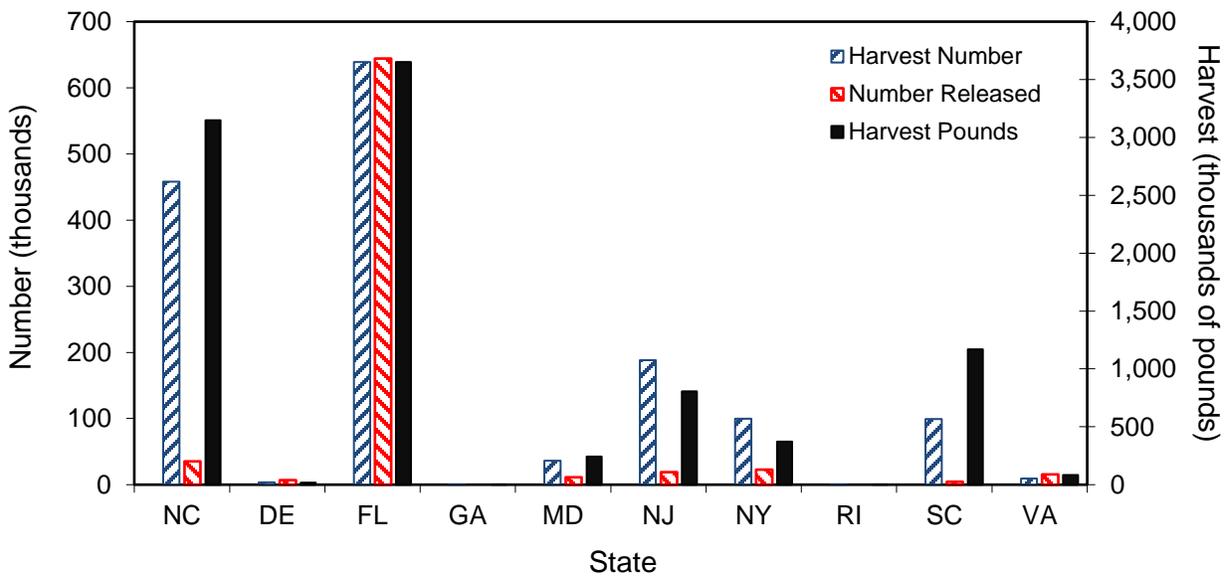
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	458,086	18.9	3,147,384	20.4	25.7	6.9	35,286	50.6
2018	495,435	15.6	3,318,532	14.8	25.6	6.7	27,959	42.1
2017	279,932	20.7	2,223,509	21.1	28.0	7.9	3,035	39.1
2016	480,860	17.2	5,099,647	18.9	31.1	10.6	2,520	61.4
2015	740,023	23.0	5,610,008	24.8	27.0	7.6	73,872	79.8
2014	403,203	26.9	2,933,166	25.9	27.0	7.3	6,731	55.9
2013	322,769	18.4	2,277,519	16.5	26.6	7.1	5,315	55.0
2012	426,877	13.0	3,335,644	13.5	28.4	7.8	4,800	37.5
2011	638,543	15.3	4,950,235	16.7	27.7	7.8	16,217	87.8
2010	615,081	17.8	3,754,430	15.9	25.2	6.1	5,759	50.4
2009	595,967	17.4	6,380,552	18.3	32.0	10.7	4,480	51.7
2008	362,023	15.4	3,227,899	17.3	29.2	8.9	2,393	56.7
2007	591,835	14.3	5,729,879	15.6	30.4	9.7	6,908	53.2
2006	551,924	13.4	4,300,459	13.4	27.8	7.8	32,911	39.8
2005	634,260	17.1	5,664,028	17.8	29.2	8.9	3,264	66.7
2004	323,140	16.3	2,445,482	15.8	27.6	7.6	6,905	58.6
2003	245,651	19.4	3,029,205	22.0	31.9	12.3	13,985	57.1
2002	400,736	13.1	4,853,768	14.6	30.5	12.1	3,699	45.3
2001	344,865	17.2	4,669,172	20.7	31.9	13.5	4,781	44.8
2000	516,491	15.6	4,631,849	16.5	28.4	9.0	17,396	32.0



**Figure III.13 Dolphinfish recreational catch in North Carolina by year.**

**Table III.19 Dolphinfish recreational catch by state, 2019.**

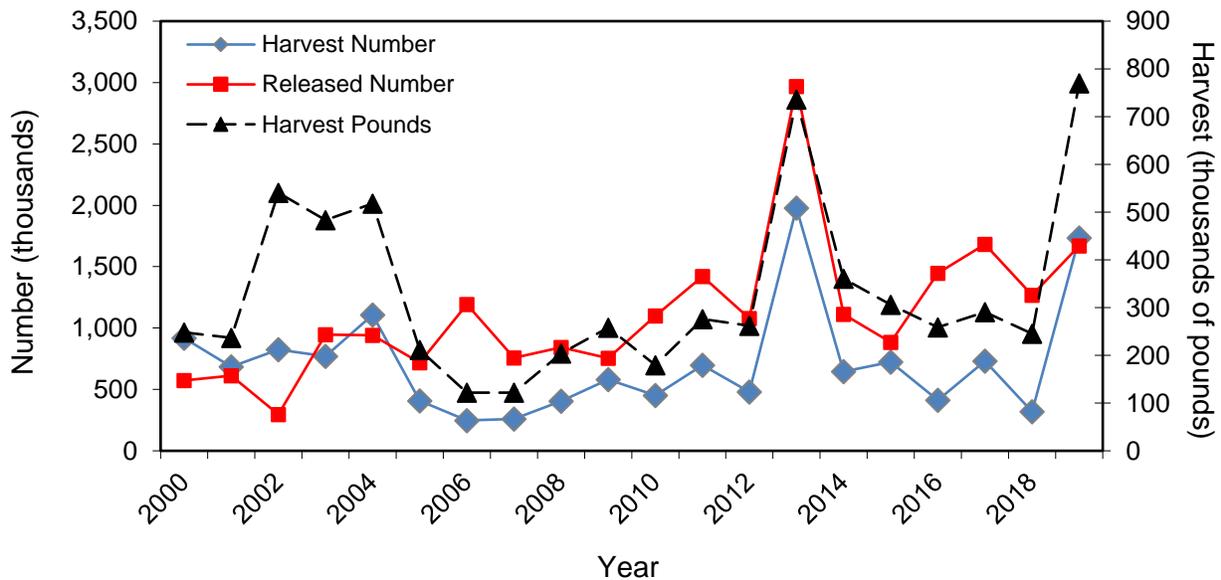
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	458,086	18.9	3,147,384	20.4	25.7	6.9	35,286	50.6
Delaware	3,501	51.2	16,066	60.6	22.0	4.6	6,690	68.2
Florida	638,818	20.3	3,650,195	20.5	24.4	5.5	644,079	35.8
Georgia	16	112.1	70	112.1	23.8	4.3	-	-
Maryland	35,990	37.0	242,662	38.1	26.7	6.7	11,262	56.9
New Jersey	188,403	30.6	805,023	34.5	21.9	4.3	19,069	47.6
New York	99,560	89.9	372,190	85.5	21.9	3.7	22,944	97.1
Rhode Island	8	91.1	65	91.1	29.1	8.2	-	-
South Carolina	99,126	62.6	1,170,240	71.1	32.3	11.8	4,480	64.0
Virginia	9,082	35.0	82,671	37.0	30.0	9.1	15,429	76.2



**Figure III.14 Dolphinfish recreational catch by state, 2019.**

**Table III.20 Florida Pompano recreational catch in North Carolina by year.**

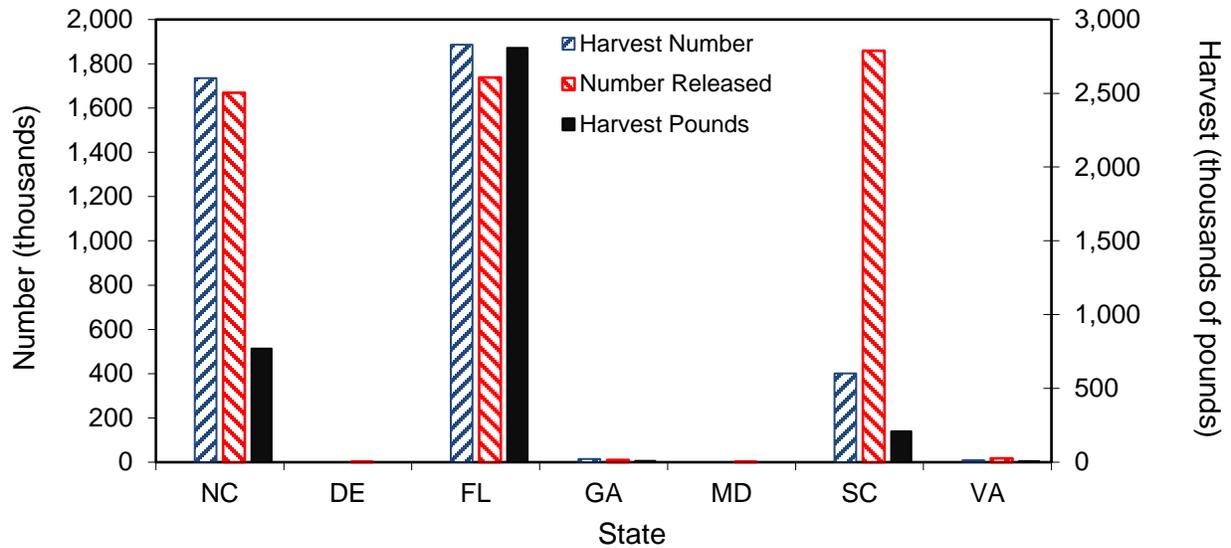
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	1,734,862	50.3	769,603	46.1	7.8	0.4	1,668,678	35.0
2018	318,702	37.4	245,670	42.2	8.7	0.8	1,267,505	22.9
2017	730,412	54.4	290,660	54.5	7.4	0.4	1,681,692	31.7
2016	411,634	42.7	258,769	55.2	8.3	0.6	1,446,589	27.2
2015	722,558	36.0	306,213	42.8	7.1	0.4	883,312	25.9
2014	646,308	33.0	360,398	33.5	8.4	0.6	1,112,888	21.8
2013	1,978,916	25.3	735,833	21.4	7.3	0.4	2,967,947	20.8
2012	479,495	16.9	261,933	21.6	8.4	0.5	1,079,328	19.2
2011	698,273	18.4	275,846	17.6	7.5	0.4	1,421,287	17.1
2010	452,467	19.3	179,641	17.6	7.3	0.4	1,099,167	22.5
2009	580,096	20.6	257,813	20.9	8.0	0.4	755,251	18.8
2008	404,194	21.5	204,250	23.4	7.9	0.5	841,824	21.3
2007	259,331	27.4	121,883	23.8	8.2	0.5	757,063	22.9
2006	247,766	30.6	121,883	35.1	9.3	0.5	1,194,051	36.2
2005	407,705	26.5	211,710	32.8	7.9	0.5	719,238	26.7
2004	1,108,124	24.7	518,316	23.4	8.0	0.5	941,805	21.3
2003	770,738	24.9	483,289	21.6	8.3	0.6	946,984	31.7
2002	824,902	40.3	540,521	44.8	8.8	0.7	296,537	25.1
2001	684,843	38.2	236,463	39.7	7.6	0.3	611,086	35.0
2000	917,597	21.7	248,162	22.5	6.9	0.3	573,935	24.3



**Figure III.15 Florida Pompano recreational catch in North Carolina by year.**

**Table III.21 Florida Pompano recreational catch by state, 2019.**

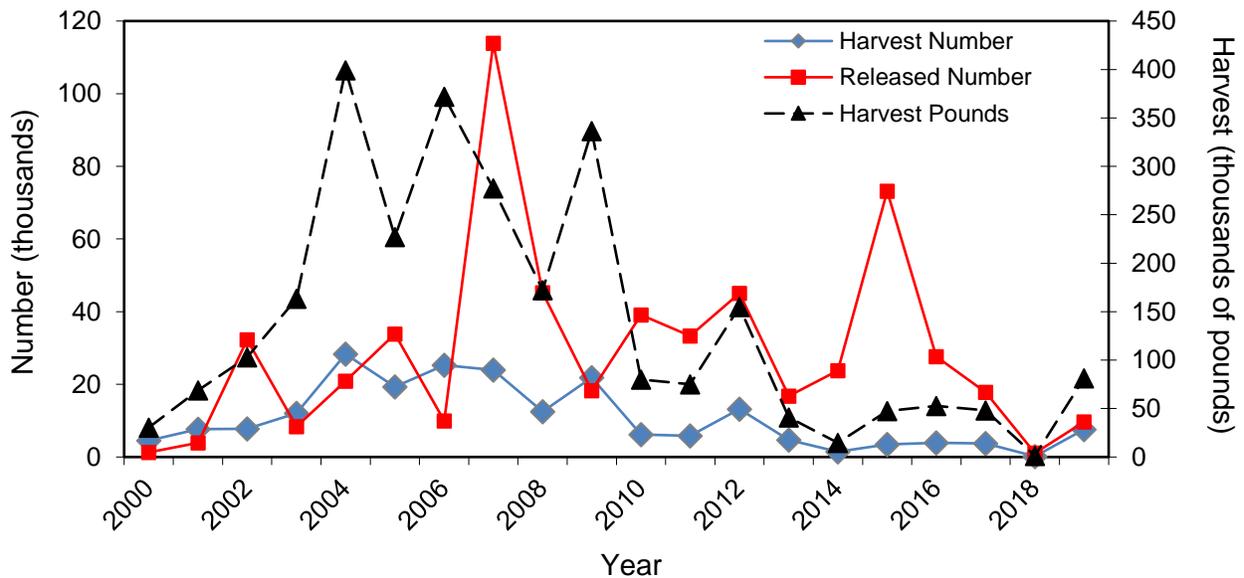
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	1,734,862	50.3	769,603	46.1	7.8	0.4	1,668,678	35.0
Delaware	-	-	-	-	-	-	503	103.8
Florida	1,886,409	20.3	2,806,880	19.5	12.3	1.5	1,737,312	33.3
Georgia	14,720	86.9	7,854	91.1	8.0	0.5	9,849	58.0
Maryland	-	-	-	-	-	-	222	100.7
South Carolina	400,652	46.7	208,712	46.3	7.7	0.5	1,858,148	28.4
Virginia	8,505	73.6	6,647	58.8	9.7	0.8	17,559	55.6



**Figure III.16 Florida Pompano recreational catch by state, 2019.**

**Table III.22 Gag Grouper recreational catch in North Carolina by year.**

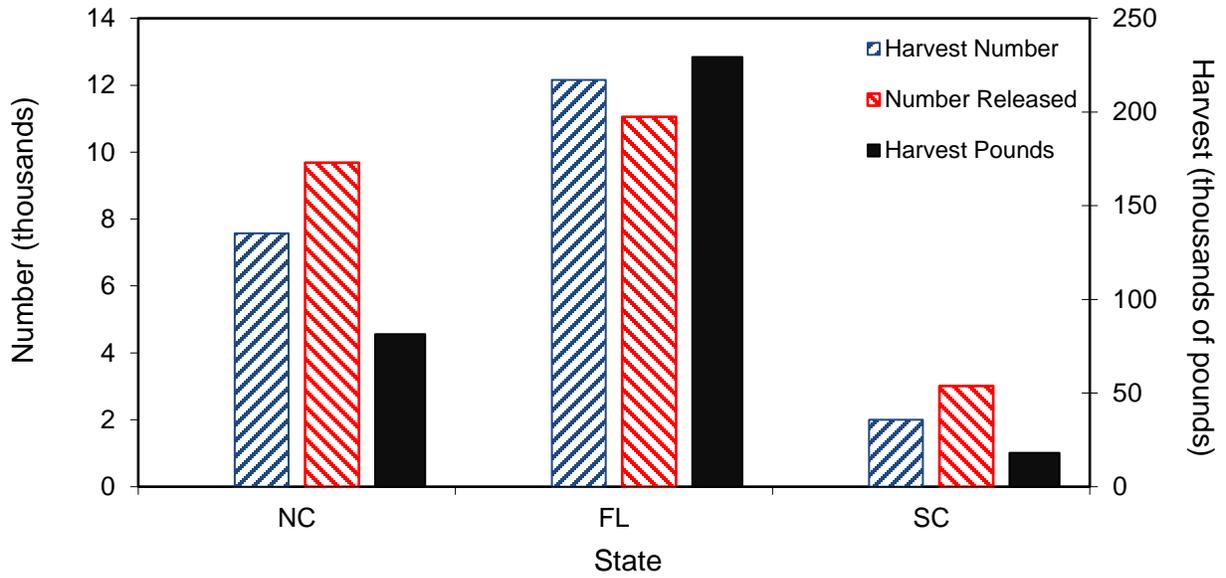
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	7,569	56.9	81,372	59.5	26.8	10.8	9,684	57.5
2018	171	53.5	1,326	54.0	25.4	7.8	1,070	75.1
2017	3,688	96.0	48,086	96.2	29.5	13.0	17,832	33.8
2016	3,890	62.1	52,660	72.8	29.9	13.5	27,599	39.0
2015	3,447	66.5	47,547	74.6	30.2	13.8	73,193	33.9
2014	1,484	59.8	14,596	55.2	27.3	9.8	23,751	42.5
2013	4,703	39.8	40,921	41.9	26.4	8.7	16,738	24.7
2012	13,194	27.3	155,017	27.6	27.9	11.7	45,047	29.1
2011	5,837	49.7	75,069	49.5	28.8	12.9	33,292	48.2
2010	6,183	42.0	80,042	43.3	29.1	12.9	39,103	39.4
2009	21,879	40.6	336,547	48.3	30.3	15.4	18,275	53.2
2008	12,483	41.2	172,429	39.4	30.2	13.8	45,233	29.9
2007	23,966	32.0	277,250	31.8	28.2	11.6	113,880	61.1
2006	25,243	35.6	372,020	37.0	30.8	14.7	9,972	43.2
2005	19,354	36.1	227,171	37.6	29.3	11.7	33,837	39.1
2004	28,327	48.9	399,365	60.0	29.4	14.1	20,902	46.8
2003	12,089	45.3	163,552	48.0	29.2	13.5	8,354	79.6
2002	7,772	55.0	103,079	61.4	28.8	13.3	32,289	77.0
2001	7,642	34.8	68,797	37.6	26.5	9.0	3,866	55.0
2000	4,503	56.3	30,367	56.8	24.1	6.7	1,284	95.4



**Figure III.17 Gag Grouper recreational catch in North Carolina by year.**

**Table III.23 Gag Grouper recreational catch by state, 2019.**

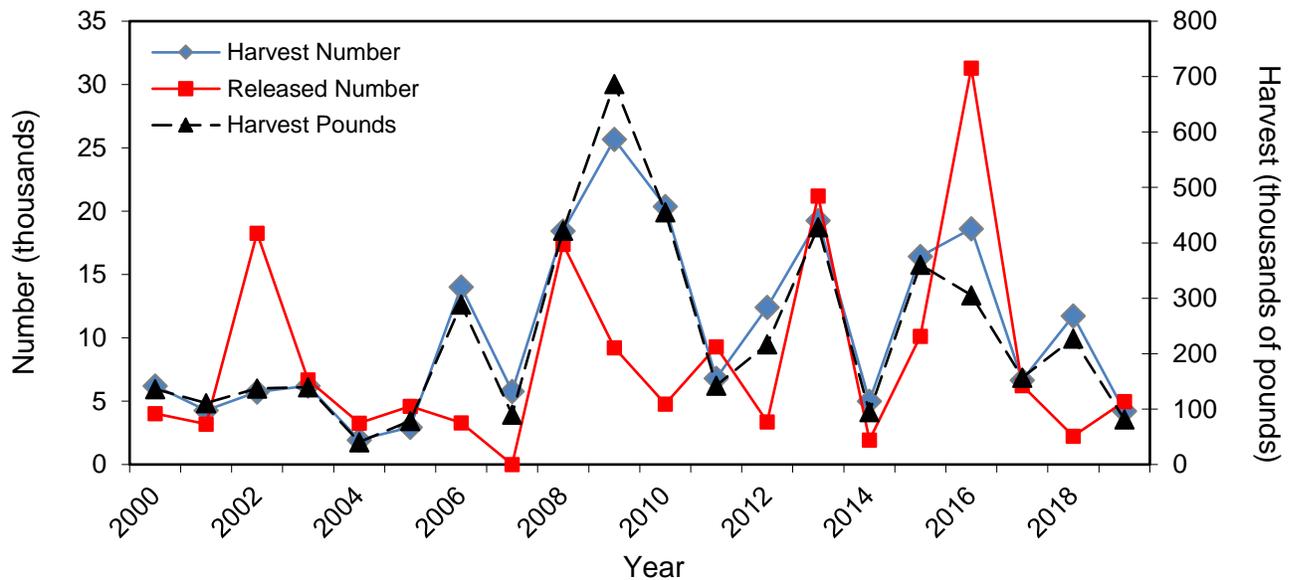
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	7,569	56.9	81,372	59.5	26.8	10.8	9,684	57.5
Florida	12,154	58.1	229,353	51.4	26.7	9.6	11,055	45.7
South Carolina	2,000	88.4	18,027	84.5	26.0	9.0	3,008	55.4



**Figure III.18 Gag Grouper recreational catch by state, 2019.**

**Table III.24 Greater Amberjack recreational catch in North Carolina by year.**

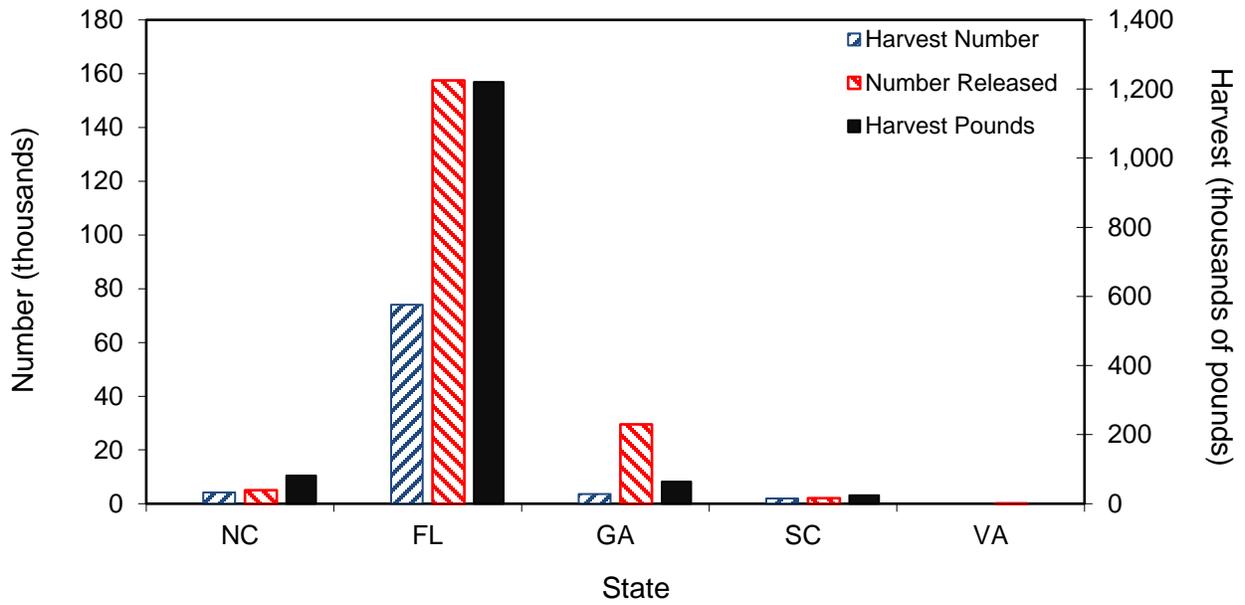
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	4,236	38.6	81,769	40.8	32.9	19.3	4,980	50.3
2018	11,742	43.1	227,441	40.4	34.2	19.4	2,243	55.6
2017	6,653	26.8	157,091	28.4	35.1	23.6	6,229	31.7
2016	18,608	32.8	305,372	32.9	32.0	16.4	31,318	42.5
2015	16,436	23.0	360,417	24.9	34.3	21.9	10,128	84.3
2014	5,004	35.5	94,629	32.8	33.3	18.9	1,935	56.3
2013	19,275	31.9	428,664	33.9	34.6	22.2	21,209	53.3
2012	12,412	23.8	216,938	24.1	32.2	17.5	3,379	50.1
2011	6,810	33.2	142,570	35.7	34.2	20.9	9,295	94.5
2010	20,377	31.2	455,278	29.4	35.7	22.3	4,773	55.3
2009	25,670	30.1	686,583	30.6	37.8	26.7	9,226	50.3
2008	18,446	27.4	422,220	29.5	35.5	22.9	17,393	54.7
2007	5,789	67.2	90,525	60.5	30.7	15.6	-	-
2006	14,023	67.9	289,118	68.2	33.3	20.6	3,289	99.1
2005	2,956	70.0	78,610	55.7	34.8	26.6	4,612	77.3
2004	1,949	33.8	40,556	33.6	34.6	20.8	3,261	72.6
2003	6,198	43.3	139,546	43.2	34.5	22.5	6,676	58.8
2002	5,733	32.0	137,296	33.3	35.2	23.9	18,266	48.0
2001	4,274	31.0	110,990	33.6	36.1	26.0	3,186	46.9
2000	6,214	42.2	136,075	43.7	33.5	21.9	4,026	62.2



**Figure III.19 Greater Amberjack recreational catch in North Carolina by year.**

**Table III.25 Greater Amberjack recreational catch by state, 2019.**

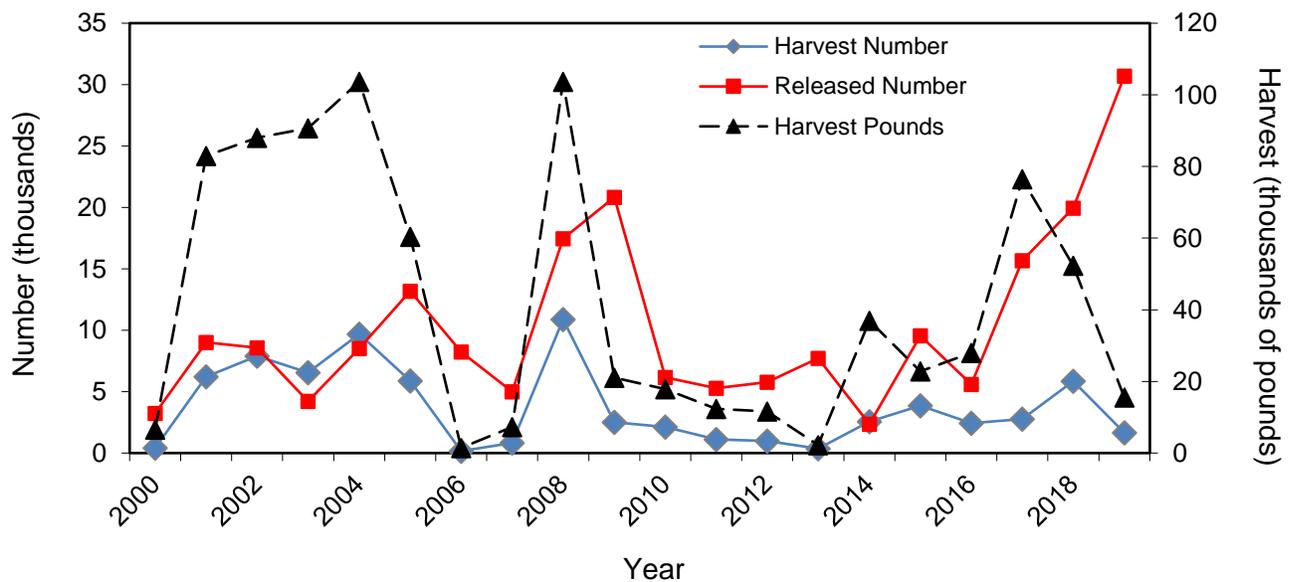
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	4,236	38.6	81,769	40.8	32.9	19.3	4,980	50.3
Florida	74,084	32.0	1,220,226	38.3	31.8	18.8	157,529	31.0
Georgia	3,623	72.8	64,090	77.6	32.6	17.7	29,515	97.6
South Carolina	1,963	68.0	24,018	74.9	28.2	12.2	2,036	67.2
Virginia	-	-	-	-	-	-	41	34.7



**Figure III.20 Greater Amberjack recreational catch by state, 2019.**

**Table III.26 Great Barracuda recreational catch in North Carolina by year.**

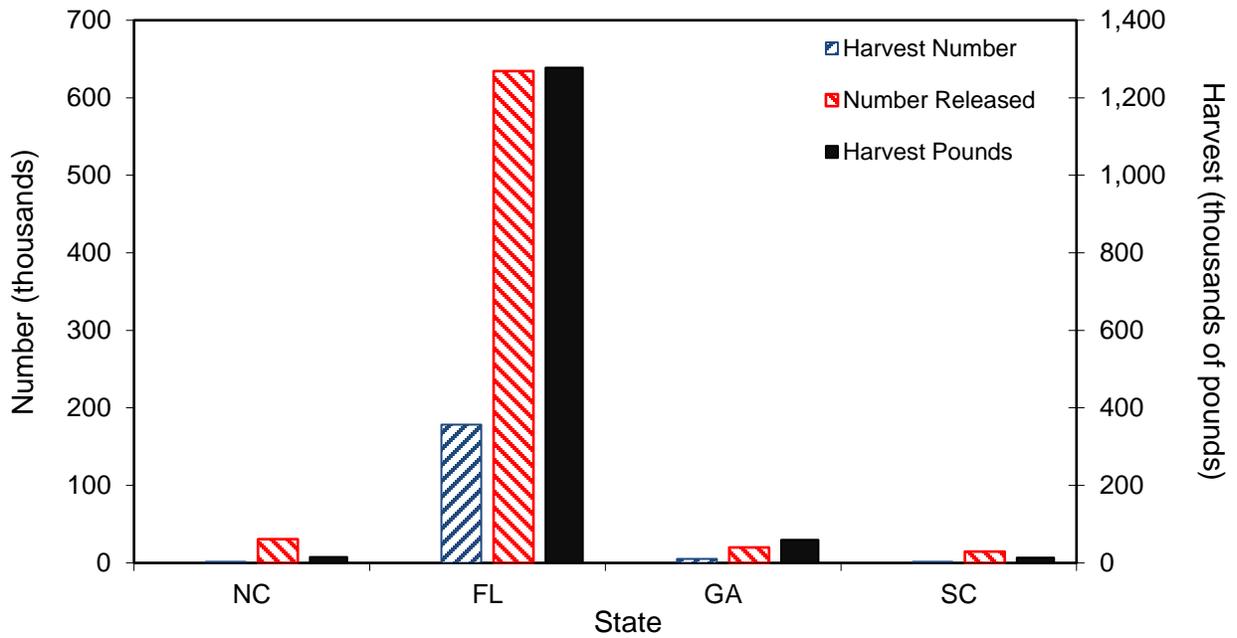
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	1,661	28.8	15,529	31.2	32.9	9.4	30,700	43.4
2018	5,848	37.2	52,304	34.8	33.0	8.9	19,937	55.0
2017	2,771	58.5	76,501	79.6	47.0	27.6	15,683	39.6
2016	2,420	55.0	27,950	53.7	35.7	11.6	5,599	42.3
2015	3,844	45.6	22,806	40.3	27.5	5.9	9,561	41.6
2014	2,564	80.5	36,960	83.6	41.3	14.4	2,358	58.4
2013	365	74.9	2,183	72.9	28.9	6.0	7,722	51.8
2012	972	44.5	11,601	40.0	36.6	11.9	5,781	38.1
2011	1,100	40.0	12,375	37.7	36.1	11.2	5,286	50.3
2010	2,127	38.9	17,803	40.0	32.2	8.4	6,152	36.0
2009	2,500	41.9	21,007	40.8	33.1	8.4	20,831	47.5
2008	10,877	59.7	103,655	57.3	33.8	9.5	17,468	36.6
2007	823	76.6	7,288	73.1	33.3	8.9	4,989	55.0
2006	158	54.6	1,446	51.9	32.8	9.1	8,240	50.9
2005	5,883	59.1	60,348	55.2	34.2	10.3	13,186	55.5
2004	9,691	62.2	103,666	67.7	35.5	10.7	8,522	83.4
2003	6,562	34.1	90,668	41.3	35.3	13.8	4,213	47.5
2002	7,887	33.8	88,024	32.7	33.1	11.2	8,573	33.1
2001	6,214	42.8	82,942	42.9	36.2	13.3	9,001	28.2
2000	423	54.6	6,597	60.6	39.9	15.6	3,231	42.8



**Figure III.21 Great Barracuda recreational catch in North Carolina by year.**

**Table III.27 Great Barracuda recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	1,661	28.8	15,529	31.2	32.9	9.4	30,700	43.4
Florida	178,498	32.7	1,277,744	36.0	30.3	7.3	634,571	23.0
Georgia	5,095	58.4	59,454	67.0	35.8	11.7	20,129	42.8
South Carolina	1,338	44.7	13,832	43.9	34.6	10.3	14,480	42.6

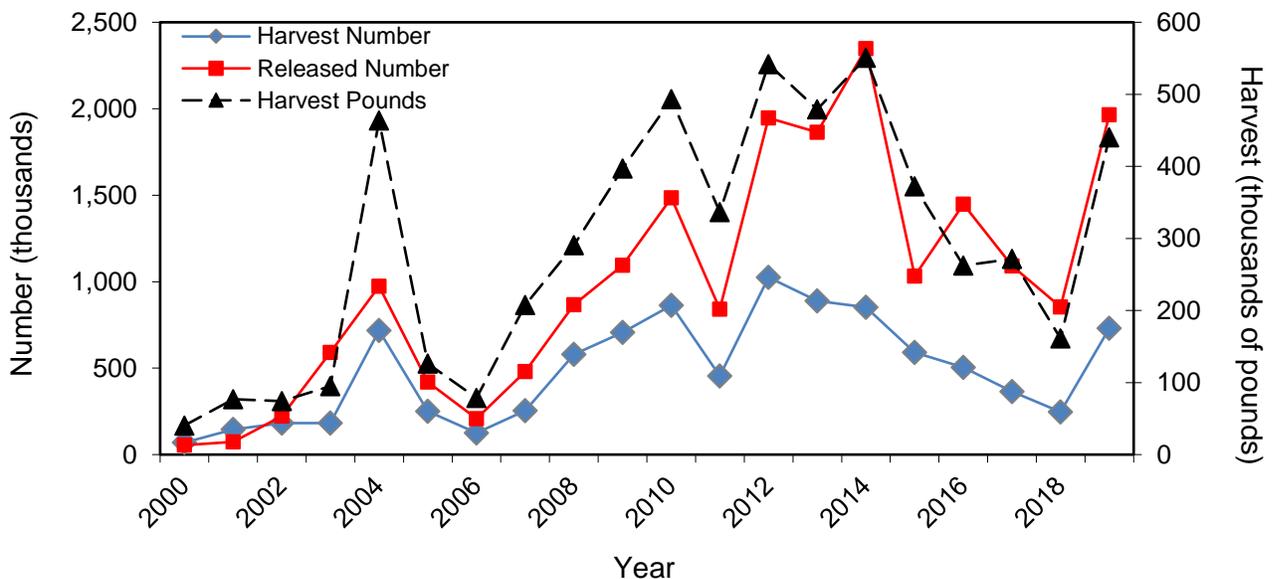


**Figure III.22 Great Barracuda recreational catch by state, 2019.**

**Table III.28 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 <sup>1</sup>	PSE (release) <sup>4</sup>
2019	730,866	72.0	440,502	70.4	11.1	0.6	1,965,756	-
2018	247,241	39.1	161,101	38.2	11.6	0.7	854,041	-
2017	364,215	27.0	271,422	30.1	12.1	0.7	1,091,051	-
2016	504,926	37.3	262,512	35.2	10.8	0.5	1,448,848	-
2015	589,899	28.1	372,465	29.4	11.2	0.6	1,031,454	-
2014	852,684	27.7	550,685	32.7	11.4	0.6	2,348,027	-
2013	888,648	21.1	479,276	22.5	10.4	0.5	1,864,788	-
2012	1,025,099	15.2	541,883	15.2	10.4	0.5	1,947,002	-
2011	453,644	23.9	336,462	26.1	11.9	0.7	841,224	-
2010	863,479	17.0	493,400	18.2	10.8	0.6	1,485,368	-
2009	706,957	30.0	397,010	31.3	10.2	0.6	1,094,812	-
2008	580,344	18.2	290,414	18.8	10.4	0.5	866,656	-
2007	254,403	31.8	207,483	37.8	12.0	0.8	481,080	-
2006	125,527	45.7	78,755	51.5	11.2	0.6	207,277	-
2005	249,866	48.4	126,239	45.2	9.9	0.5	418,836	-
2004	717,508	35.0	463,847	41.3	11.2	0.6	973,597	-
2003	181,630	22.9	95,117	23.7	10.4	0.5	591,299	-
2002	182,540	31.9	74,139	32.3	9.7	0.4	223,538	-
2001	145,004	31.5	76,862	30.3	10.5	0.5	73,634	-
2000	69,305	39.1	40,405	41.2	10.1	0.6	54,619	-

<sup>4</sup> 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.

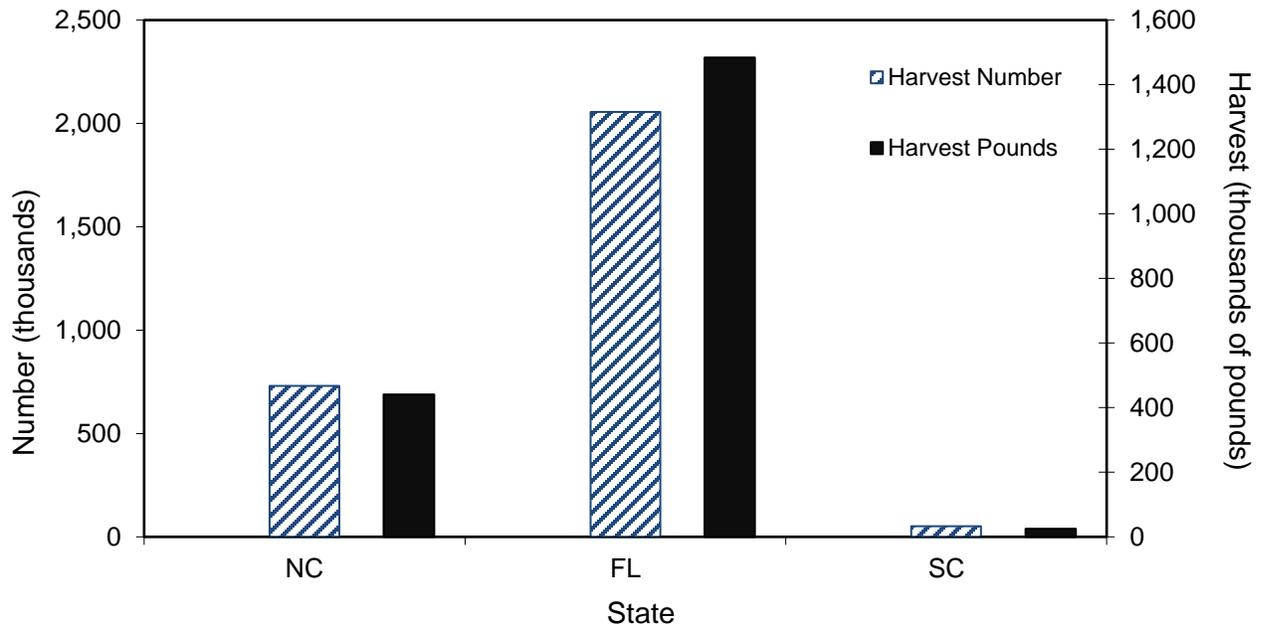


**Figure III.23 Gulf Kingfish recreational catch in North Carolina by year.**

**Table III.29 Gulf Kingfish recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>1</sup>	PSE (release) <sup>5</sup>
North Carolina	730,866	72.0	440,502	70.4	11.1	0.6	-	-
Florida	2,055,068	38.6	1,483,674	40.2	11.9	0.7	-	-
South Carolina	52,042	36.6	24,784	34.8	10.2	0.5	-	-

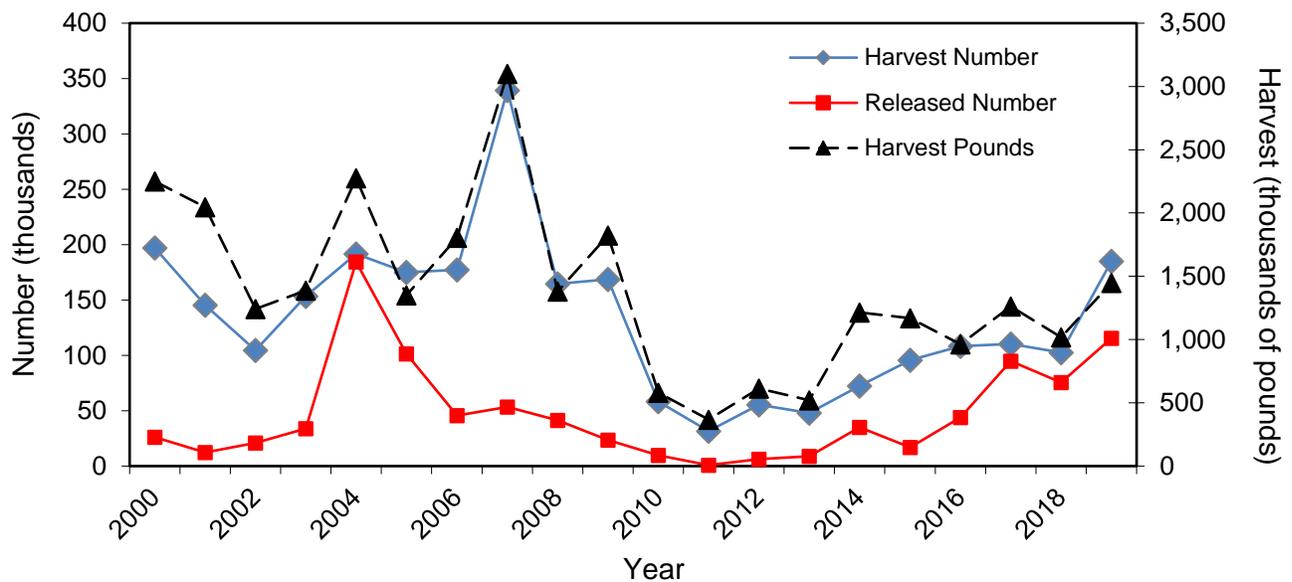
<sup>5</sup> Released kingfish are not always recorded to species level. Numbers released are not shown by state.



**Figure III.24 Gulf Kingfish recreational catch by state, 2019.**

**Table III.30 King Mackerel recreational catch in North Carolina by year.**

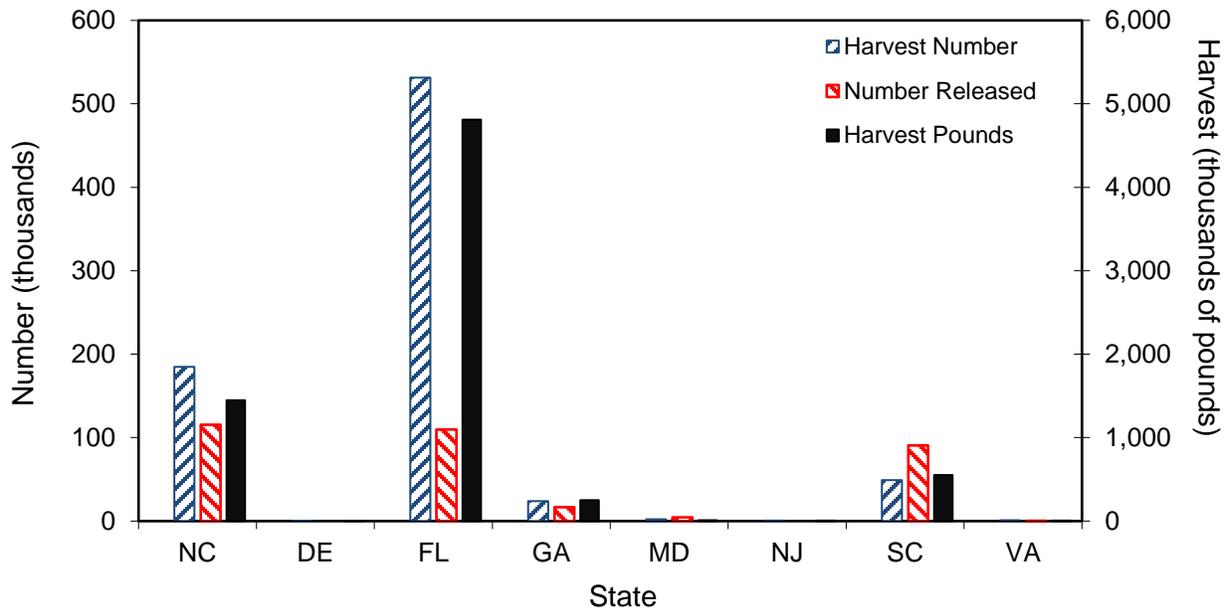
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	184,962	23.7	1,446,939	24.8	29.7	7.8	115,350	42.1
2018	102,675	19.0	1,018,459	30.1	30.3	9.9	75,614	32.6
2017	110,339	22.6	1,261,775	31.8	31.9	11.4	94,655	28.6
2016	108,151	43.4	963,139	41.7	30.4	8.9	43,909	31.6
2015	95,705	37.2	1,168,255	52.5	33.3	12.2	16,877	52.4
2014	72,288	22.7	1,213,096	22.9	38.7	16.8	35,075	92.8
2013	48,000	23.3	521,153	25.2	32.6	10.9	8,868	54.2
2012	55,529	24.5	613,903	25.3	32.9	11.1	6,385	38.1
2011	31,589	36.3	367,896	31.3	34.0	11.6	851	72.9
2010	58,311	23.8	580,505	23.4	32.5	10.0	9,734	36.0
2009	168,558	17.5	1,822,673	18.4	32.7	10.8	23,639	33.2
2008	164,719	18.7	1,379,450	19.0	30.1	8.4	41,283	43.9
2007	339,278	15.2	3,099,801	15.5	31.1	9.1	53,549	29.4
2006	177,369	17.9	1,805,814	22.3	32.0	10.2	45,568	29.1
2005	175,070	16.0	1,349,536	15.9	29.6	7.7	101,507	26.2
2004	191,584	17.7	2,276,035	22.9	32.2	11.9	184,384	38.7
2003	153,339	17.1	1,388,145	17.3	30.4	9.1	33,774	27.5
2002	104,631	40.7	1,242,058	42.4	33.0	11.9	20,811	49.1
2001	145,290	12.8	2,046,022	16.2	34.5	14.1	12,381	41.8
2000	196,979	20.8	2,250,512	17.9	32.0	11.4	26,009	41.1



**Figure III.25 King Mackerel recreational catch in North Carolina by year.**

**Table III.31 King Mackerel recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	184,962	23.7	1,446,939	24.8	29.7	7.8	115,350	42.1
Delaware	50	37.5	449	37.5	30.2	8.9	-	-
Florida	531,351	17.4	4,809,074	16.6	31.6	9.3	109,550	27.5
Georgia	23,998	36.9	252,455	46.4	33.4	10.5	16,732	72.1
Maryland	2,233	51.8	9,213	47.5	24.1	4.1	4,652	35.8
New Jersey	637	85.0	8,269	98.8	28.6	13.0	-	-
South Carolina	48,971	33.5	551,976	41.0	32.8	11.3	90,788	47.3
Virginia	1,000	72.8	5,726	70.7	27.7	5.7	188	103.2

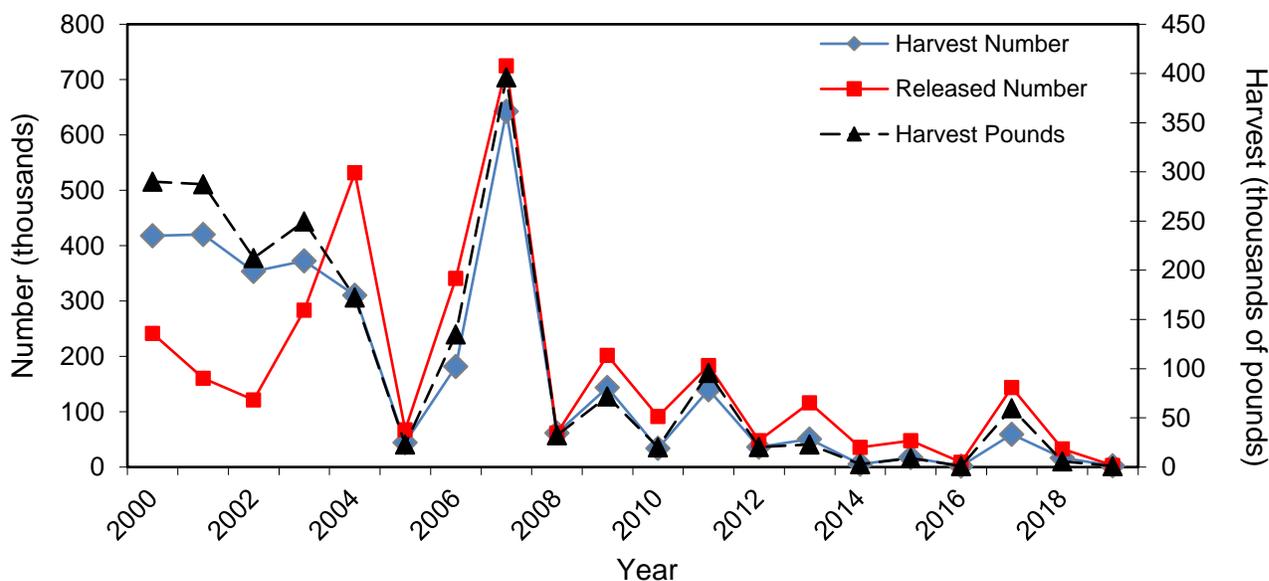


**Figure III.26 King Mackerel recreational catch by state, 2019.**

**Table III.32 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 <sup>1</sup>	PSE (release) <sup>4</sup>
2019	2,381	102.7	1,050	102.7	10.9	0.4	2,983	-
2018	16,413	62.2	5,808	68.1	9.2	0.4	32,834	-
2017	59,267	46.3	59,681	50.4	13.2	1.0	143,968	-
2016	1,972	64.3	1,075	71.8	10.8	0.5	8,656	-
2015	16,981	64.9	9,085	54.9	10.9	0.5	47,636	-
2014	5,219	74.5	2,775	70.5	11.2	0.5	35,775	-
2013	50,344	38.0	22,997	36.2	10.9	0.5	116,394	-
2012	36,233	32.0	20,380	30.8	11.3	0.6	47,919	-
2011	139,736	29.4	95,818	34.3	12.2	0.7	183,329	-
2010	34,100	31.6	19,975	32.8	11.1	0.6	91,382	-
2009	143,485	54.5	71,909	56.0	10.6	0.5	201,994	-
2008	61,460	48.1	32,458	46.0	10.1	0.5	61,811	-
2007	642,696	23.5	396,193	22.3	11.3	0.6	724,674	-
2006	181,801	30.1	134,827	34.1	12.1	0.7	340,846	-
2005	44,175	38.2	23,100	35.0	11.0	0.5	67,243	-
2004	310,701	22.0	172,324	23.1	11.1	0.6	531,778	-
2003	372,700	27.8	249,726	30.2	11.8	0.7	283,462	-
2002	353,668	56.8	212,454	58.2	11.7	0.6	121,335	-
2001	420,398	24.5	287,564	24.7	12.0	0.7	160,446	-
2000	417,862	21.6	289,915	22.5	11.8	0.7	241,234	-

<sup>4</sup> 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.

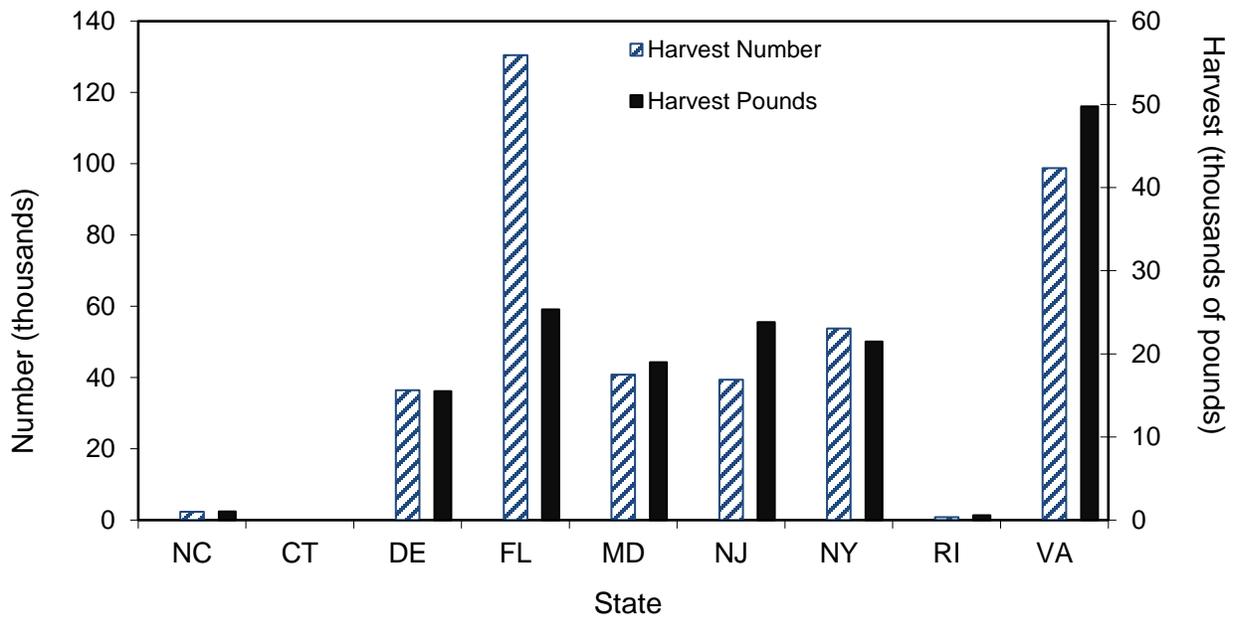


**Figure III.27 Northern Kingfish recreational catch in North Carolina by year.**

**Table III.33 Northern Kingfish recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>1</sup>	PSE (release) <sup>5</sup>
North Carolina	2,381	102.7	1,050	102.7	10.9	0.4	-	-
Delaware	36,430	41.6	15,515	42.2	10.0	0.4	-	-
Florida	130,432	113.5	25,341	113.5	7.5	0.2	-	-
Maryland	40,808	79.4	18,988	79.1	10.4	0.5	-	-
New Jersey	39,422	66.3	23,797	67.3	11.5	0.6	-	-
New York	53,758	85.3	21,465	85.2	9.5	0.4	-	-
Rhode Island	853	101.3	564	101.3	11.3	0.7	-	-
Virginia	98,749	64.0	49,768	62.1	10.5	0.5	-	-

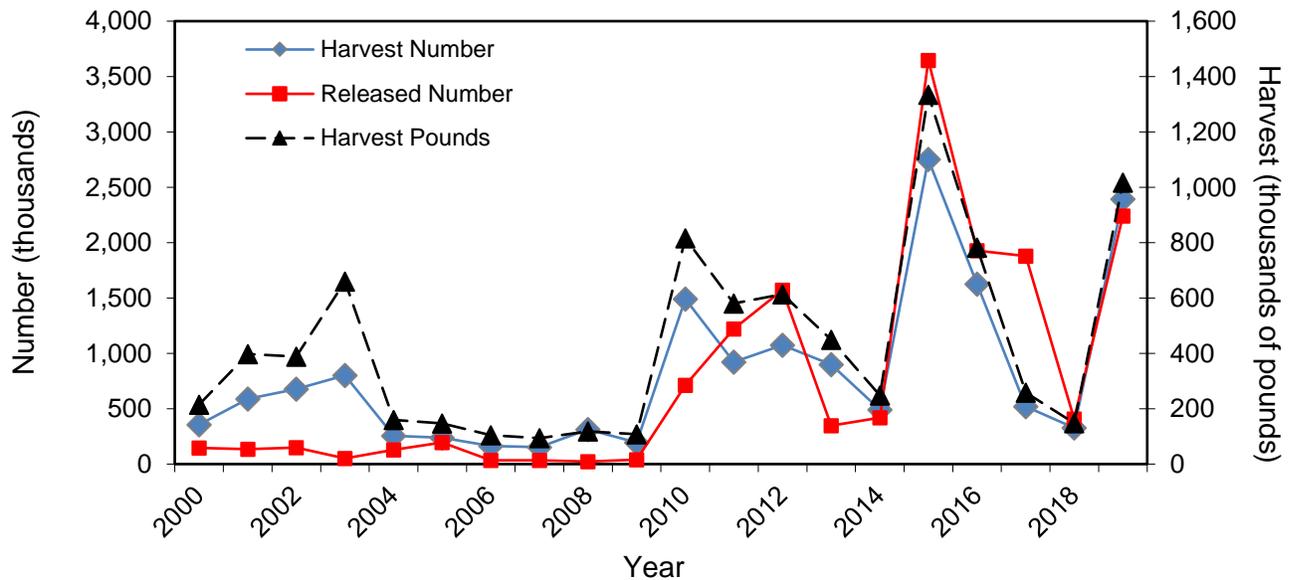
<sup>5</sup>Released kingfish are not always recorded to species level. Numbers released are not shown by state.



**Figure III.28 Northern Kingfish recreational catch by state, 2019.**

**Table III.34 Northern Puffer recreational catch in North Carolina by year.**

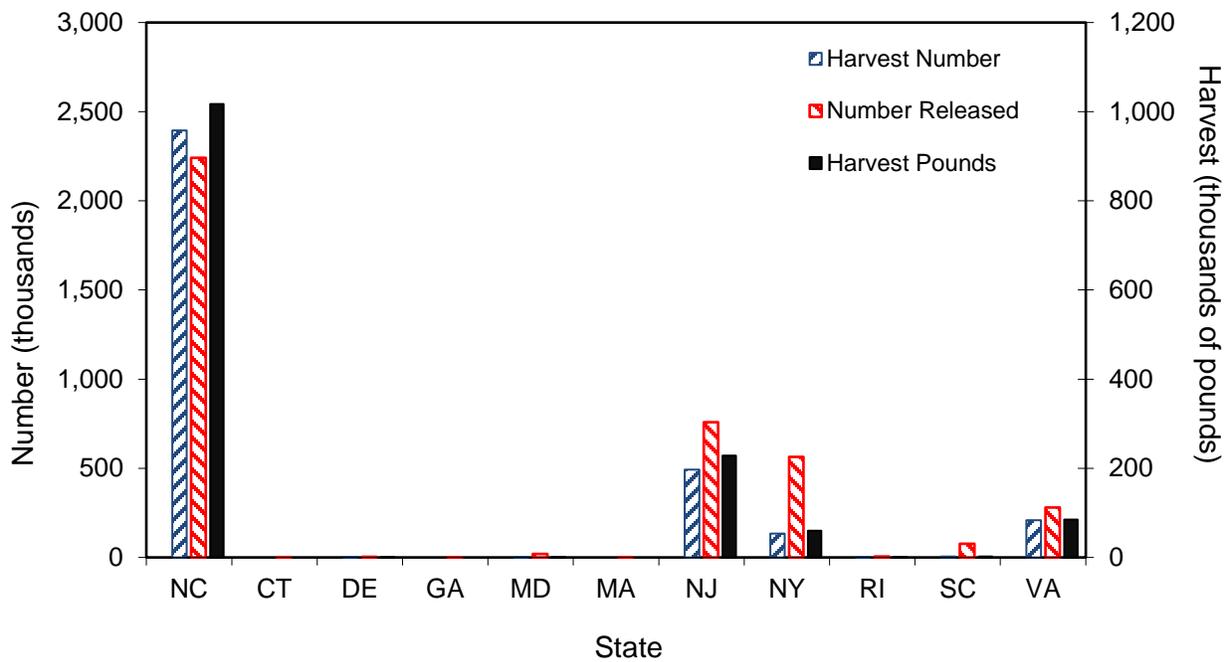
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	2,394,588	29.5	1,016,972	29.9	7.8	0.4	2,240,965	19.3
2018	325,810	56.7	148,220	59.7	7.8	0.5	407,924	23.5
2017	518,342	26.7	258,605	24.7	8.3	0.5	1,878,428	41.1
2016	1,627,063	21.9	782,983	22.1	8.2	0.5	1,927,787	17.6
2015	2,752,120	31.1	1,334,104	28.1	8.1	0.5	3,645,599	18.1
2014	490,259	38.9	248,174	40.4	9.0	0.5	419,798	31.4
2013	899,150	37.3	449,032	28.6	8.3	0.5	347,152	32.1
2012	1,074,685	23.5	613,493	24.7	8.5	0.6	1,571,047	11.0
2011	923,100	22.4	579,923	24.0	9.0	0.6	1,220,673	17.9
2010	1,491,844	35.6	816,436	34.8	8.7	0.5	711,264	23.8
2009	194,158	32.3	108,035	31.1	8.6	0.6	40,466	35.1
2008	311,487	33.2	117,706	30.0	7.5	0.4	23,158	60.5
2007	153,264	41.3	93,648	42.7	9.1	0.6	33,626	52.7
2006	162,012	78.3	104,601	81.5	9.2	0.6	34,587	47.6
2005	237,213	49.3	147,256	53.7	9.0	0.6	195,199	53.3
2004	254,184	31.7	160,160	30.6	8.9	0.6	127,519	25.1
2003	800,863	55.3	660,167	58.5	9.5	0.8	51,113	43.5
2002	677,253	32.9	388,883	35.2	9.2	0.6	148,184	36.0
2001	589,195	20.6	397,663	21.3	9.1	0.7	134,411	28.3
2000	357,127	21.6	214,219	23.8	8.9	0.6	145,073	47.0



**Figure III.29 Northern Puffer recreational catch in North Carolina by year.**

**Table III.35 Northern Puffer recreational catch by state, 2019.**

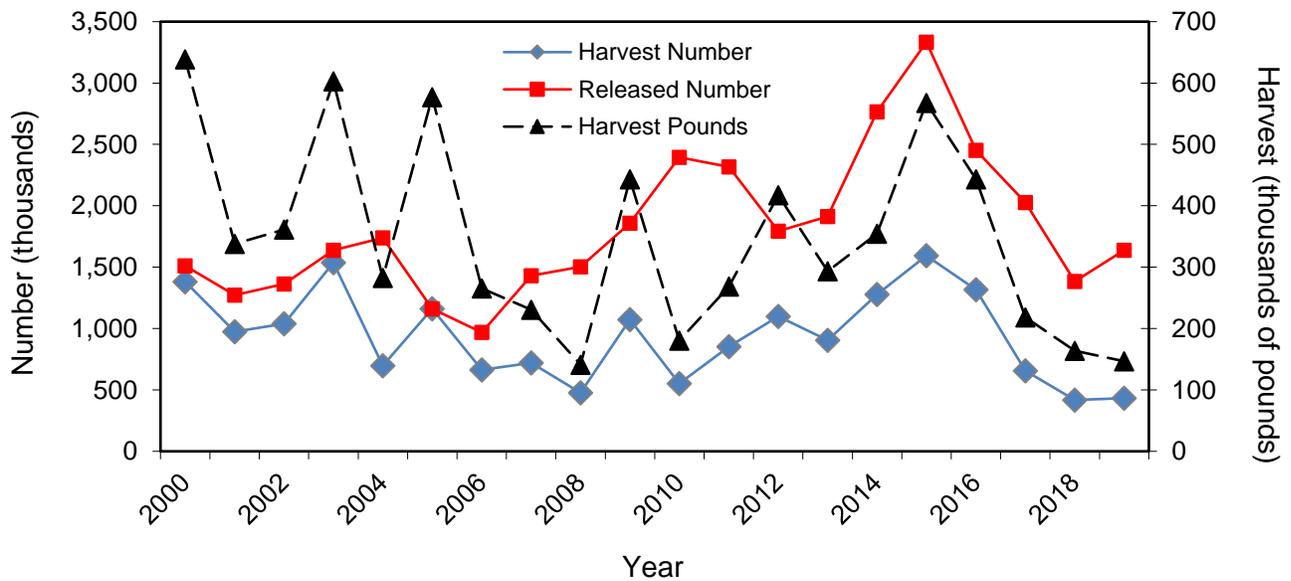
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	2,394,588	29.5	1,016,972	29.9	7.8	0.4	2,240,965	19.3
Connecticut	-	-	-	-	-	-	165	78.3
Delaware	1,515	53.6	817	54.5	8.2	0.5	3,721	42.2
Georgia	-	-	-	-	-	-	2,193	65.4
Maryland	60	102.5	26	102.5	8.3	0.4	20,399	77.2
Massachusetts	-	-	-	-	-	-	204	100.4
New Jersey	492,507	50.3	228,098	50.1	8.0	0.5	757,578	49.3
New York	133,181	44.2	60,276	43.8	8.0	0.5	562,956	25.1
Rhode Island	139	101.6	108	101.6	9.6	0.8	4,426	79.8
South Carolina	5,275	65.8	2,253	61.8	7.8	0.4	76,227	57.6
Virginia	209,394	59.0	84,984	57.3	8.2	0.4	279,747	25.6



**Figure III.30 Northern Puffer recreational catch by state, 2019.**

**Table III.36 Pigfish recreational catch in North Carolina by year.**

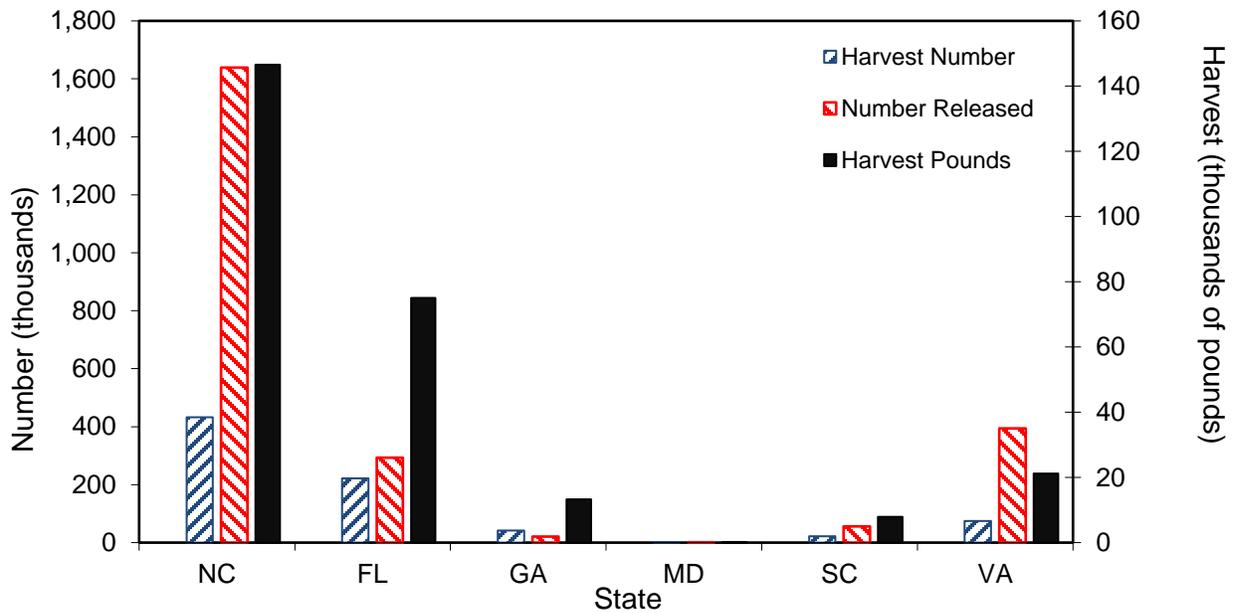
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	432,005	21.9	146,570	21.0	8.0	0.3	1,639,294	30.6
2018	418,174	21.5	163,686	21.4	8.3	0.4	1,385,059	15.4
2017	656,096	27.6	218,003	27.8	8.0	0.3	2,025,949	20.3
2016	1,316,198	22.8	443,062	23.7	8.0	0.3	2,452,668	14.2
2015	1,593,393	24.6	567,572	24.5	8.2	0.4	3,332,936	13.6
2014	1,278,934	26.7	354,667	24.1	7.2	0.3	2,764,971	16.8
2013	905,659	16.1	293,508	15.2	7.9	0.3	1,914,017	13.1
2012	1,098,940	18.8	417,432	18.3	7.9	0.4	1,793,064	9.8
2011	853,482	18.4	268,432	19.2	7.8	0.3	2,316,470	11.7
2010	552,530	17.8	180,599	18.2	7.8	0.3	2,394,225	13.3
2009	1,074,061	61.2	443,288	64.8	8.3	0.4	1,857,462	15.9
2008	478,273	21.6	141,247	24.0	7.8	0.3	1,502,518	23.5
2007	719,365	25.6	230,770	26.6	8.1	0.3	1,430,793	18.5
2006	662,750	23.8	265,398	23.6	8.2	0.4	968,477	19.1
2005	1,160,195	42.0	576,835	48.1	8.8	0.5	1,161,855	20.6
2004	696,142	26.1	282,523	25.3	8.9	0.4	1,739,120	16.9
2003	1,537,595	20.2	602,742	20.5	8.4	0.4	1,638,238	12.7
2002	1,039,007	32.8	361,066	39.5	8.2	0.3	1,363,433	25.0
2001	975,513	27.3	337,779	23.5	8.1	0.3	1,273,575	16.9
2000	1,381,170	42.3	638,461	42.7	8.6	0.5	1,511,814	12.1



**Figure III.31 Pigfish recreational catch in North Carolina by year.**

**Table III.37 Pigfish recreational catch by state, 2019.**

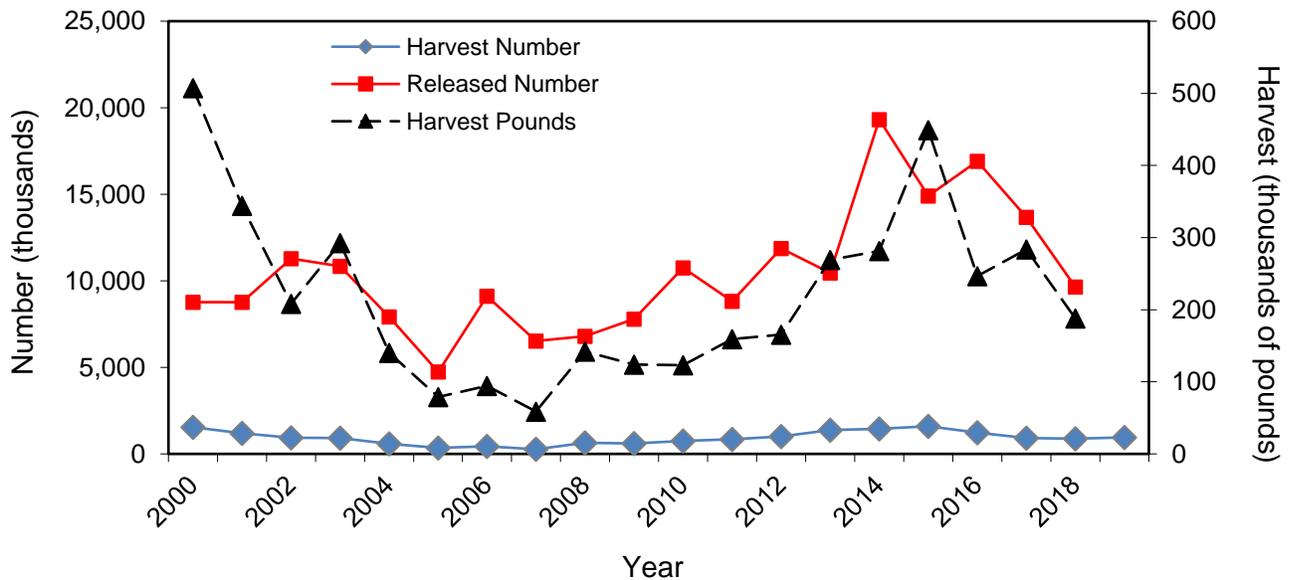
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	432,005	21.9	146,570	21.0	8.0	0.3	1,639,294	30.6
Florida	221,733	52.8	75,012	48.5	8.4	0.4	293,484	47.6
Georgia	41,270	56.2	13,303	54.6	7.8	0.3	21,008	50.4
Maryland	832	101.4	230	101.2	7.2	0.3	15	109.8
South Carolina	22,164	34.7	7,883	35.6	7.7	0.4	55,793	38.7
Virginia	74,598	56.1	21,147	62.3	7.4	0.3	394,170	38.9



**Figure III.32 Pigfish recreational catch by state, 2019.**

**Table III.38 Pinfish recreational catch in North Carolina by year.**

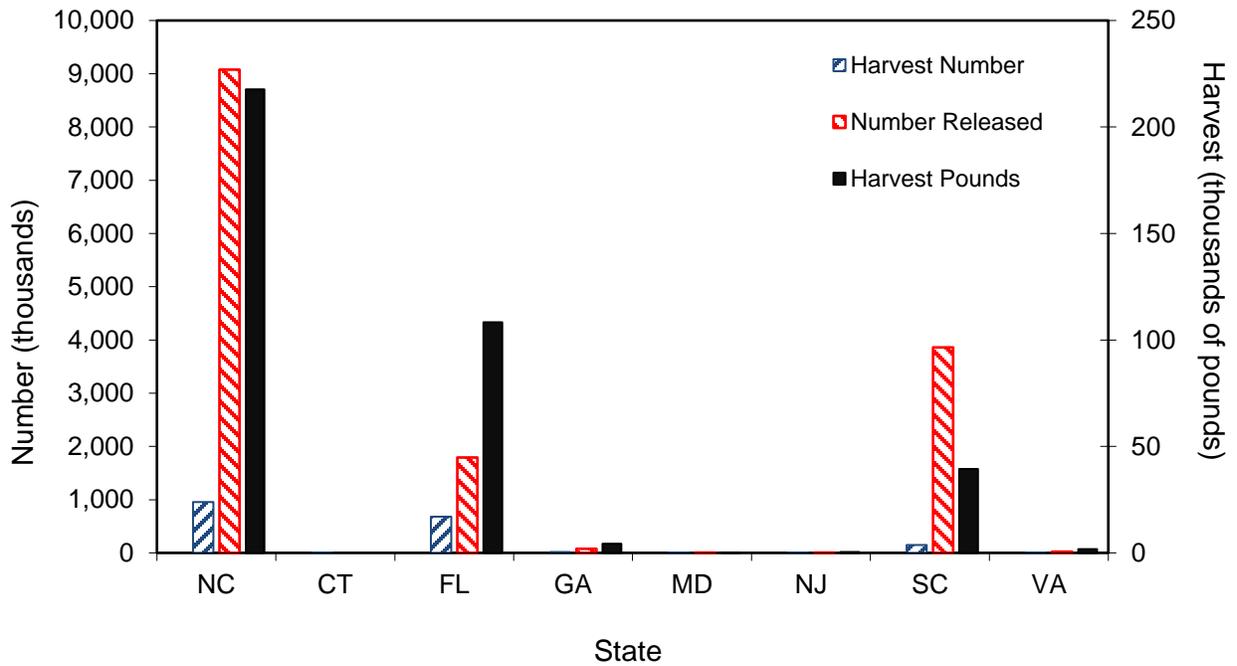
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	955,550	24.7	217,718	24.2	6.6	0.2	9,076,843	11.1
2018	886,712	18.7	188,046	18.6	6.4	0.2	9,646,310	10.7
2017	917,956	24.3	283,455	23.7	6.9	0.3	13,677,930	16.8
2016	1,236,741	19.9	246,720	19.7	6.4	0.2	16,905,448	13.6
2015	1,597,032	20.6	449,239	24.5	6.8	0.3	14,915,393	11.4
2014	1,453,062	17.2	281,547	15.8	6.1	0.2	19,323,896	10.7
2013	1,385,301	15.8	269,250	17.0	6.5	0.2	10,455,850	9.4
2012	1,015,905	14.6	165,384	13.9	5.7	0.2	11,864,052	8.7
2011	836,412	17.0	159,057	16.5	6.4	0.2	8,823,604	9.4
2010	757,425	14.8	122,854	14.3	6.0	0.2	10,754,559	8.6
2009	597,710	21.1	124,101	21.9	6.4	0.2	7,795,965	11.5
2008	640,886	22.5	142,016	21.2	6.6	0.2	6,799,842	10.6
2007	266,392	28.2	58,827	28.0	6.6	0.2	6,526,964	11.0
2006	435,252	28.2	94,334	25.1	7.0	0.2	9,116,690	15.1
2005	341,742	23.3	78,975	23.1	6.9	0.2	4,732,265	13.1
2004	593,170	51.9	140,151	53.1	6.3	0.2	7,921,980	11.3
2003	907,567	20.4	292,269	21.5	7.3	0.3	10,849,405	11.8
2002	935,556	20.6	208,331	20.5	6.9	0.2	11,286,432	11.5
2001	1,184,602	24.0	343,875	26.3	7.2	0.3	8,765,316	12.4
2000	1,538,661	23.7	507,292	25.6	7.1	0.3	8,768,301	9.8



**Figure III.33 Pinfish recreational catch in North Carolina by year.**

**Table III.39 Pinfish recreational catch by state, 2019.**

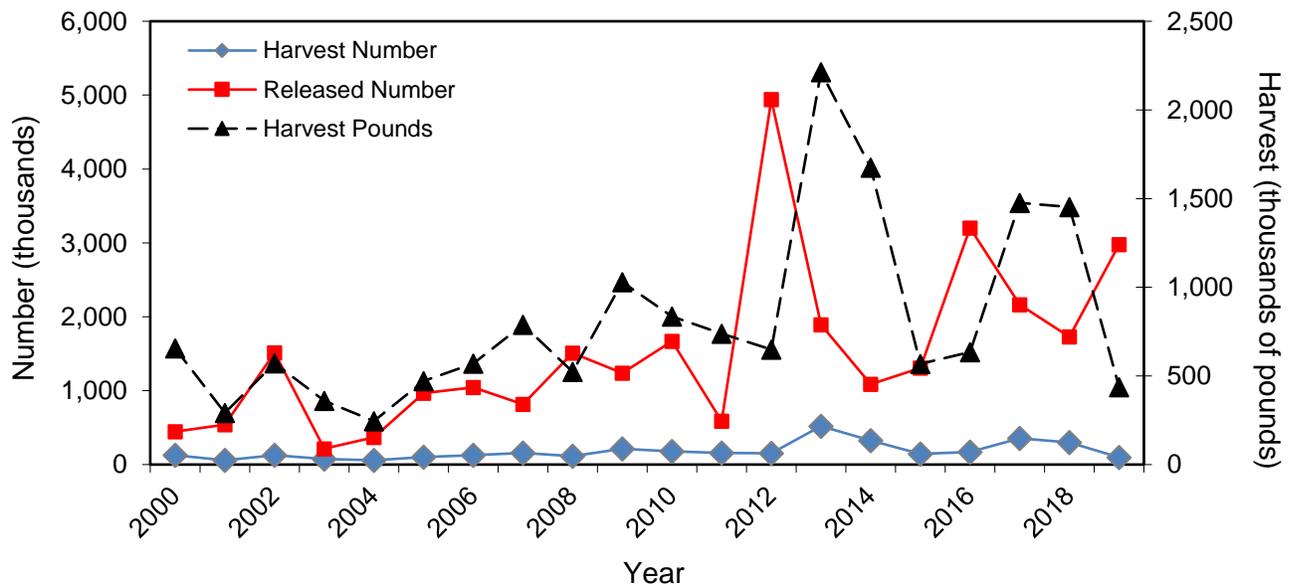
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	955,550	24.7	217,718	24.2	6.6	0.2	9,076,843	11.1
Connecticut	103	97.4	-	-	-	-	-	-
Florida	680,475	22.2	108,332	22.3	7.3	0.4	1,791,288	19.6
Georgia	17,561	88.0	4,374	85.8	6.7	0.2	74,320	62.0
Maryland	10	19.7	9	19.7	10.5	0.9	2,597	105.4
New Jersey	776	93.2	440	93.2	8.2	0.6	172	99.2
South Carolina	150,084	27.0	39,377	26.0	6.7	0.3	3,861,951	24.0
Virginia	7,682	80.8	1,719	79.8	6.5	0.2	21,784	48.2



**Figure III.34 Pinfish recreational catch by state, 2019.**

**Table III.40 Red Drum recreational catch in North Carolina by year.**

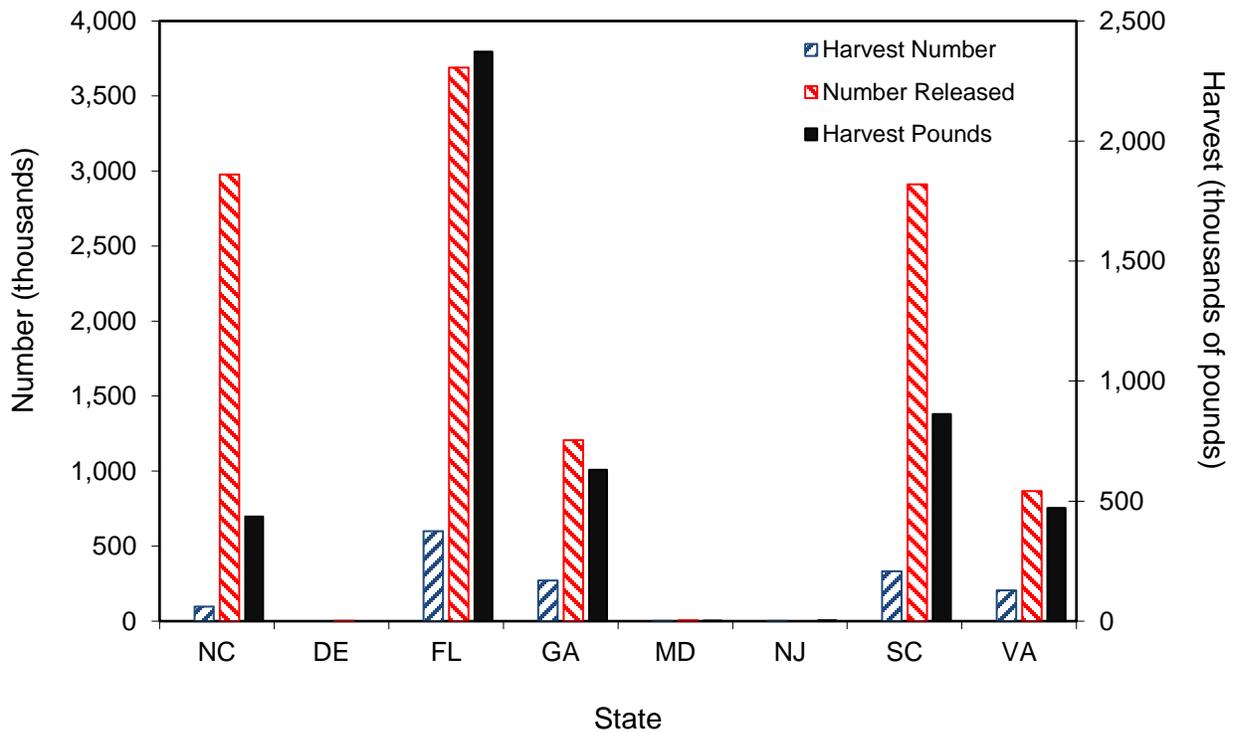
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	97,186	22.8	436,219	24.2	21.5	4.5	2,976,601	17.4
2018	299,577	19.1	1,452,358	18.6	22.7	4.8	1,729,260	15.3
2017	353,716	17.0	1,475,852	18.0	21.4	4.2	2,165,656	13.0
2016	169,195	22.1	633,496	18.4	20.1	3.7	3,203,452	30.5
2015	143,876	24.5	567,730	26.1	20.7	3.9	1,308,072	27.2
2014	324,303	18.8	1,674,595	18.2	22.9	5.2	1,086,967	13.3
2013	520,758	13.3	2,214,045	13.9	21.7	4.3	1,892,171	11.6
2012	152,005	13.1	648,342	12.6	21.1	4.3	4,939,534	11.4
2011	156,484	16.7	737,853	18.1	21.9	4.7	587,369	13.4
2010	179,828	12.2	835,143	12.8	22.0	4.6	1,670,693	10.1
2009	214,317	18.8	1,028,339	18.6	22.5	4.8	1,238,158	16.0
2008	112,938	17.4	523,607	18.6	22.0	4.6	1,510,133	14.4
2007	157,577	15.2	789,430	14.8	22.6	5.0	818,037	13.9
2006	127,412	17.5	569,699	18.9	21.2	4.5	1,042,564	15.2
2005	103,275	19.9	470,914	22.1	21.8	4.6	967,892	37.5
2004	58,543	26.0	245,163	29.7	21.1	4.2	369,326	13.3
2003	73,202	18.9	359,181	19.1	21.8	4.9	215,277	18.1
2002	127,559	19.6	571,102	21.0	21.4	4.5	1,515,679	17.2
2001	57,929	18.1	290,901	18.6	22.4	5.0	538,370	20.1
2000	127,165	16.1	655,251	16.9	22.4	5.2	443,747	18.6



**Figure III.35 Red Drum recreational catch in North Carolina by year.**

**Table III.41 Red Drum recreational catch by state, 2019.**

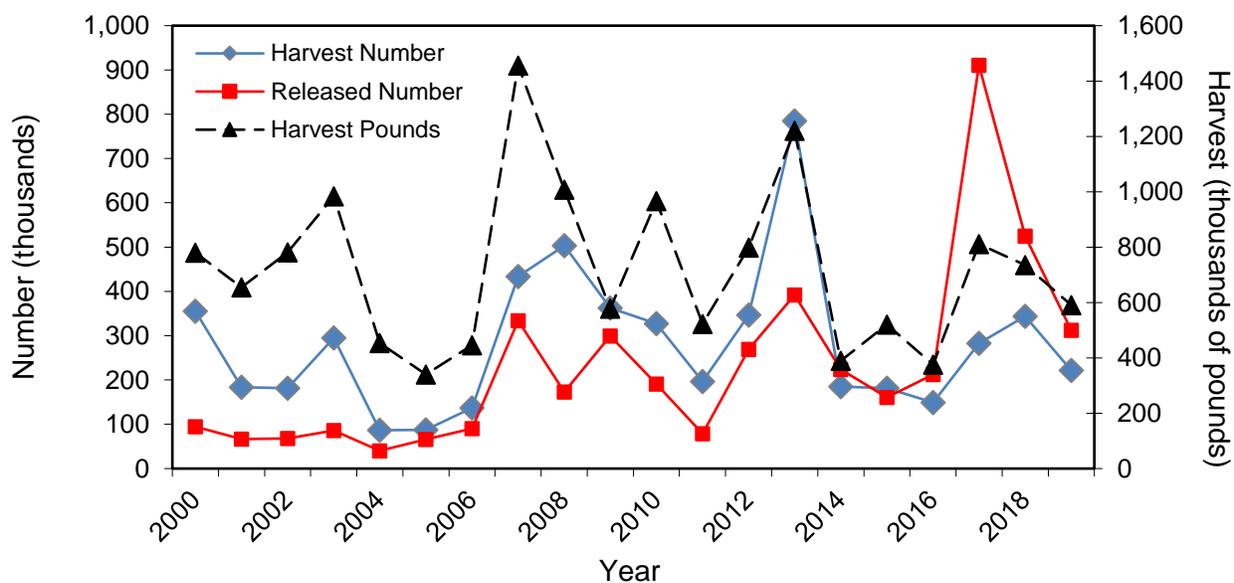
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	97,186	22.8	436,219	24.2	21.5	4.5	2,976,601	17.4
Delaware	-	-	-	-	-	-	474	68.9
Florida	599,348	14.0	2,372,773	14.6	21.0	3.9	3,688,884	14.4
Georgia	271,970	23.3	630,294	22.2	17.1	2.3	1,206,707	24.6
Maryland	1,258	73.6	2,113	88.4	15.4	1.7	5,740	63.5
New Jersey	1,331	103.5	4,107	103.5	19.0	3.1	-	-
South Carolina	333,315	23.1	862,124	23.6	18.2	2.6	2,911,653	18.8
Virginia	205,824	36.9	470,940	36.3	16.1	2.3	865,957	38.3



**Figure III.36 Red Drum recreational catch by state, 2019.**

**Table III.42 Sheephead recreational catch in North Carolina by year.**

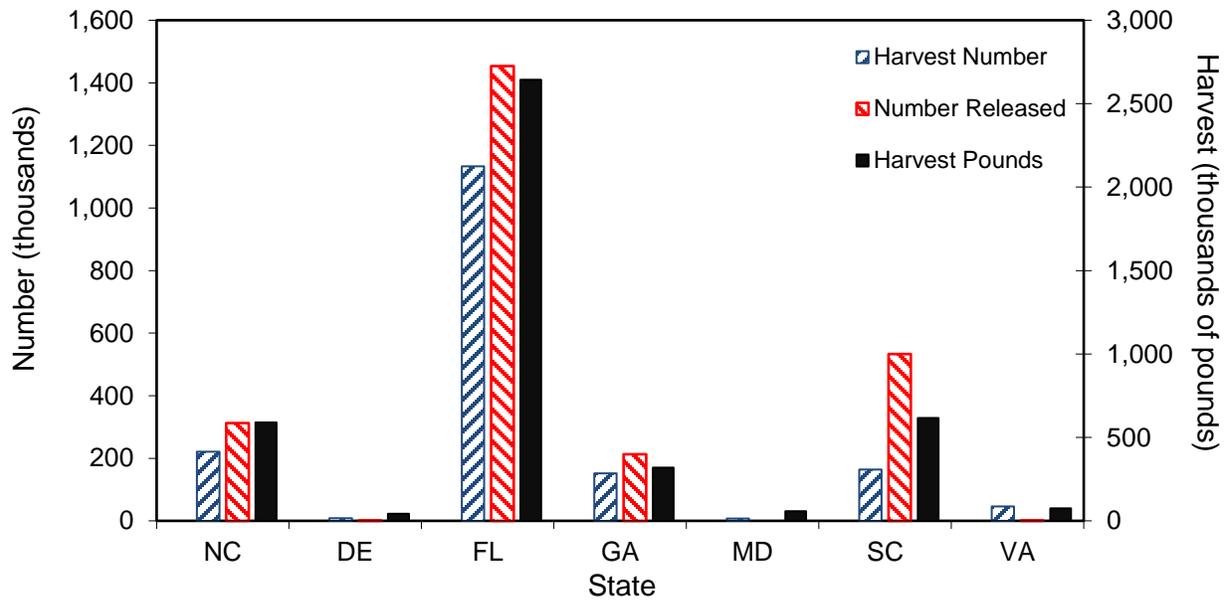
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	221,419	21.7	590,150	24.7	13.9	2.7	312,479	26.2
2018	343,772	22.5	735,738	20.1	12.8	2.1	524,967	17.7
2017	282,480	19.4	810,633	19.6	13.9	2.9	910,841	22.7
2016	149,085	26.2	375,328	25.3	13.8	2.5	212,471	23.2
2015	181,554	22.2	520,382	20.8	14.2	2.9	160,447	22.6
2014	185,267	20.4	389,583	20.8	12.6	2.1	224,062	20.4
2013	784,747	20.1	1,220,357	15.9	11.1	1.6	391,809	20.3
2012	346,609	15.8	797,963	19.3	12.7	2.3	269,226	23.2
2011	196,844	25.6	522,896	30.1	13.9	2.7	78,821	26.0
2010	327,223	17.6	966,467	19.5	14.4	3.0	190,823	22.3
2009	362,439	23.3	577,311	23.8	11.4	1.6	299,221	25.2
2008	503,666	30.2	1,007,914	33.8	11.9	2.0	172,604	22.4
2007	433,872	30.1	1,456,396	29.5	14.9	3.4	334,014	34.2
2006	137,312	32.8	445,182	33.4	14.8	3.2	90,502	45.3
2005	87,504	40.0	340,227	41.9	16.2	3.9	65,863	80.5
2004	86,554	23.8	453,372	26.4	16.9	5.2	40,263	44.6
2003	294,989	23.4	983,640	25.2	14.5	3.3	85,877	31.8
2002	181,197	23.2	781,567	25.0	16.0	4.3	68,317	24.4
2001	183,781	28.6	654,527	30.0	15.2	3.6	66,594	38.5
2000	355,192	21.0	780,622	20.6	13.1	2.2	94,963	28.2



**Figure III.37 Sheephead recreational catch in North Carolina by year.**

**Table III.43 Sheepshead recreational catch by state, 2019.**

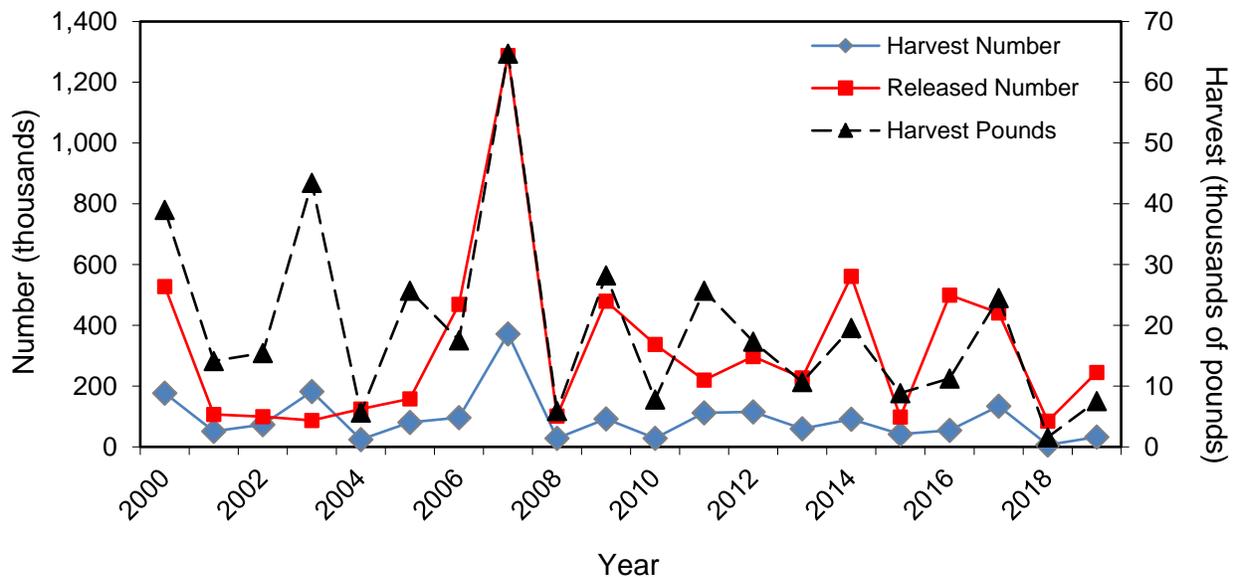
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	221,419	21.7	590,150	24.7	13.9	2.7	312,479	26.2
Delaware	8,879	84.4	42,790	86.6	16.1	4.8	703	103.6
Florida	1,133,132	20.7	2,642,470	19.7	13.4	2.2	1,453,465	21.1
Georgia	151,913	30.0	319,260	33.1	12.9	2.1	212,307	56.2
Maryland	7,233	42.8	56,773	50.7	19.3	7.8	-	-
South Carolina	164,298	27.7	615,724	28.9	15.7	3.7	532,766	35.1
Virginia	45,979	53.6	75,760	54.0	12.2	1.6	1,567	71.8



**Figure III.38 Sheepshead recreational catch by state, 2019.**

**Table III.44 Silver Perch recreational catch in North Carolina by year.**

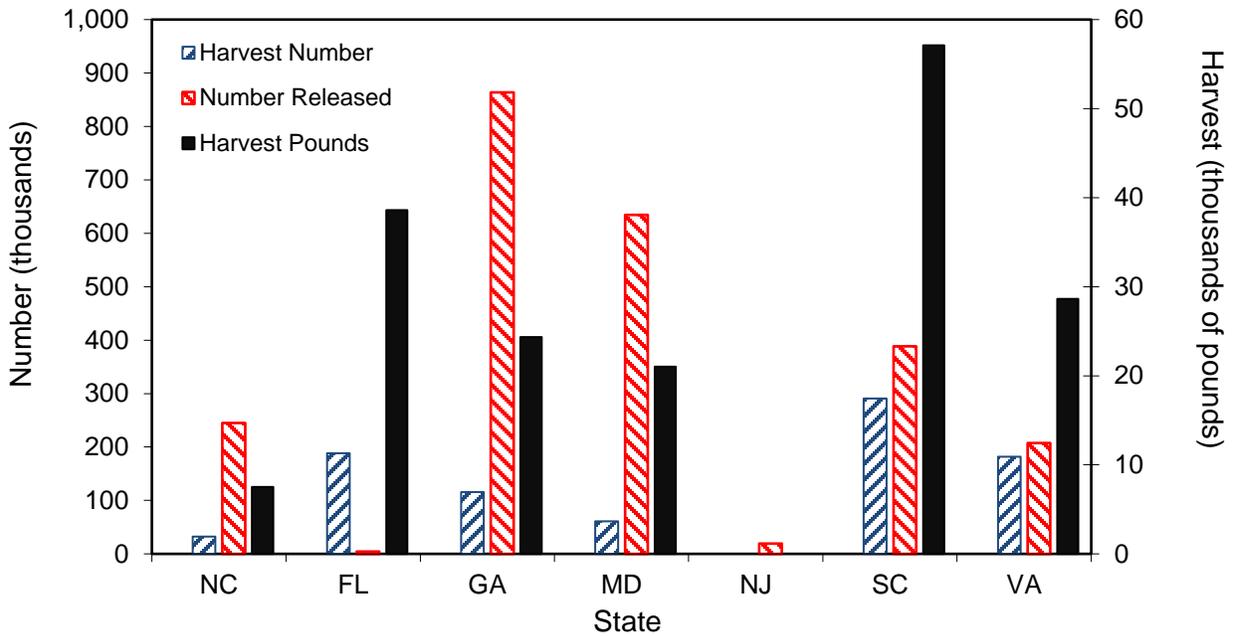
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	32,444	49.2	7,520	39.9	6.9	0.2	244,868	29.6
2018	6,595	54.9	1,594	53.7	7.4	0.2	84,721	38.8
2017	133,676	44.2	24,532	45.1	7.3	0.2	441,052	36.7
2016	55,040	46.5	11,275	47.5	7.5	0.2	499,616	25.7
2015	41,707	64.7	8,832	64.9	7.6	0.2	98,138	36.2
2014	91,219	57.8	19,567	56.0	7.1	0.2	561,115	55.5
2013	60,246	39.7	10,662	37.1	6.7	0.2	227,334	32.2
2012	115,122	46.6	17,358	40.8	7.1	0.2	297,961	22.8
2011	112,595	45.3	25,729	53.3	7.2	0.2	219,913	24.8
2010	28,366	43.7	7,800	43.9	7.6	0.3	337,774	31.6
2009	92,414	52.1	28,241	55.5	8.0	0.3	479,403	61.3
2008	28,028	42.4	5,911	43.8	8.0	0.2	101,691	42.2
2007	372,042	58.9	64,738	60.3	6.5	0.2	1,288,217	26.3
2006	96,074	42.3	17,550	43.3	7.4	0.2	469,055	29.5
2005	80,394	74.8	25,698	71.1	8.7	0.3	158,168	45.2
2004	23,639	35.3	5,642	35.6	8.1	0.2	124,740	48.8
2003	182,504	59.9	43,470	58.7	8.0	0.2	87,483	34.4
2002	73,418	51.0	15,470	52.9	7.2	0.2	99,484	37.2
2001	51,060	40.1	14,117	41.0	7.8	0.3	107,180	34.5
2000	176,755	55.2	39,011	51.7	8.0	0.2	528,300	66.8



**Figure III.39 Silver Perch recreational catch in North Carolina by year.**

**Table III.45 Silver Perch recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	32,444	49.2	7,520	39.9	6.9	0.2	244,868	29.6
Florida	188,200	93.5	38,592	92.5	7.9	0.2	4,612	101.5
Georgia	115,524	72.7	24,359	71.8	5.8	0.2	863,525	33.7
Maryland	60,759	79.7	21,008	81.0	6.5	0.3	634,533	28.5
New Jersey	-	-	-	-	-	-	18,978	95.9
South Carolina	290,706	28.3	57,110	26.6	6.9	0.2	388,391	30.0
Virginia	181,815	61.3	28,624	61.1	7.2	0.2	207,145	56.1

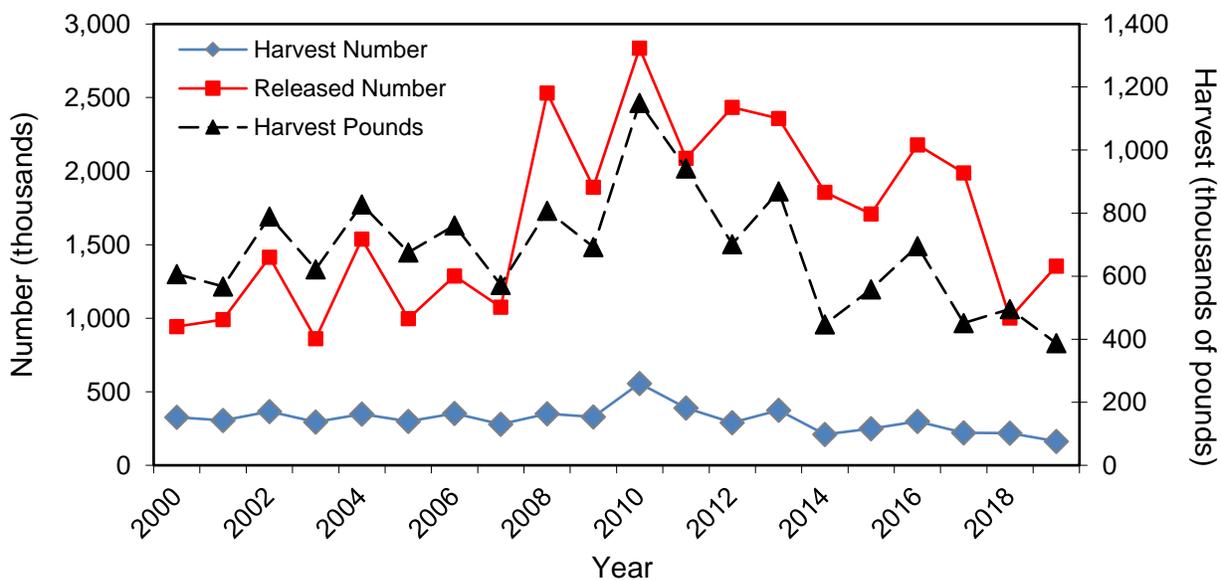


**Figure III.40 Silver Perch recreational catch by state, 2019.**

**Table III.46 Southern Flounder recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>6</sup>	PSE (release) <sup>6</sup>
2019	163,045	19.1	387,203	23.3	17.6	2.4	1,353,286	-
2018	217,805	19.3	495,289	18.5	17.2	2.3	1,002,753	-
2017	221,321	18.7	451,126	16.8	16.0	2.0	1,988,000	-
2016	299,273	16.1	695,713	16.7	16.4	2.3	2,178,145	-
2015	249,166	18.5	558,303	17.7	15.8	2.2	1,709,189	-
2014	209,228	17.0	447,337	16.9	16.1	2.1	1,856,280	-
2013	374,215	23.7	869,223	22.1	16.6	2.3	2,357,529	-
2012	290,035	10.6	701,698	10.8	16.5	2.4	2,434,621	-
2011	388,647	13.1	942,373	13.2	17.6	2.4	2,087,604	-
2010	556,812	11.5	1,149,899	11.6	17.0	2.1	2,835,142	-
2009	329,117	15.9	692,704	14.7	16.4	2.1	1,889,921	-
2008	349,860	16.2	807,867	16.5	16.8	2.3	2,532,079	-
2007	279,916	18.2	572,064	16.9	17.2	2.0	1,075,735	-
2006	352,942	17.9	761,069	21.8	16.8	2.2	1,287,601	-
2005	298,307	16.2	675,856	17.3	16.7	2.3	997,132	-
2004	347,492	15.2	827,593	18.4	17.5	2.4	1,537,924	-
2003	293,793	15.4	621,985	15.7	17.5	2.1	860,052	-
2002	366,671	13.6	789,539	15.0	17.4	2.2	1,415,247	-
2001	304,791	13.5	567,568	13.7	17.0	1.9	990,335	-
2000	326,712	28.0	607,053	24.3	17.1	1.9	942,560	-

<sup>6</sup> Flounder releases are not recorded to species; released number was calculated by assigning a ratio of observed flounder by species to reported flounder genus release estimates. PSEs are not available for this analysis.

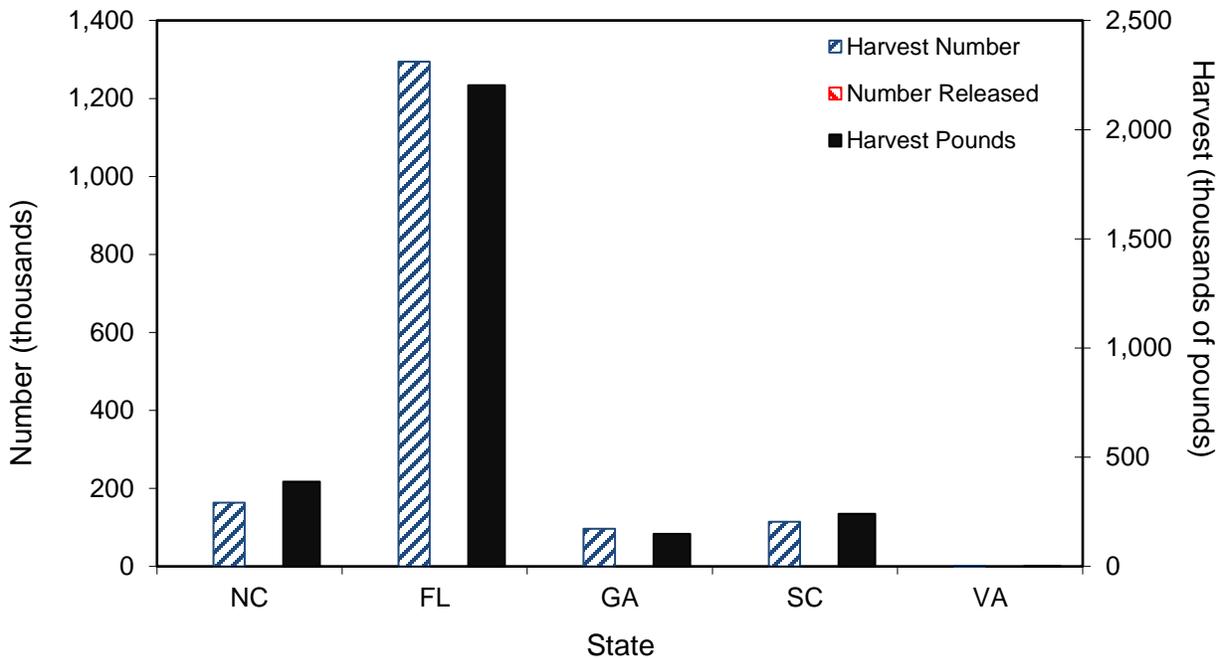


**Figure III.41 Southern Flounder recreational catch in North Carolina by year.**

**Table III.47 Southern Flounder recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>7</sup>	PSE (release) <sup>7</sup>
North Carolina	163,045	19.1	387,203	23.3	17.6	2.4	-	-
Florida	1,294,158	26.7	2,202,748	27.0	15.5	1.7	-	-
Georgia	96,651	22.4	148,327	24.9	14.9	1.5	-	-
South Carolina	114,115	24.5	241,047	24.4	17.0	2.1	-	-
Virginia	485	101.0	1,336	101.0	18.4	2.8	-	-

<sup>7</sup> Released flounder are not always recorded to species level. Numbers released are not shown by state.

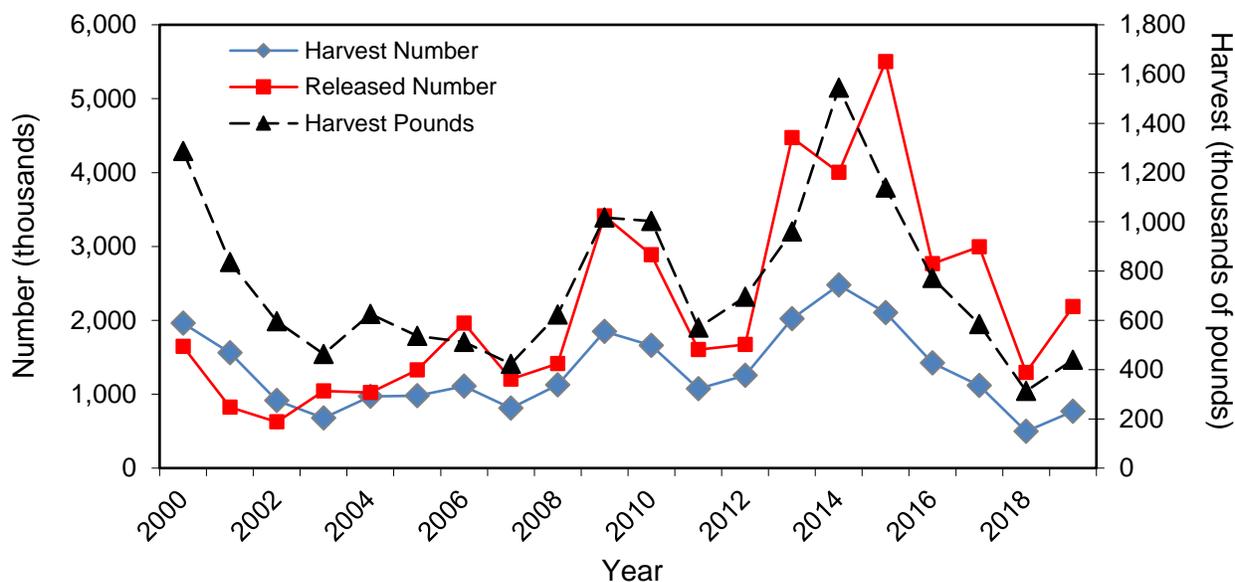


**Figure III.42 Southern Flounder recreational catch by state, 2019.**

**Table III.48 Southern 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 <sup>1</sup>	PSE (release) <sup>4</sup>
2019	767,259	29.0	439,552	23.8	11.0	0.6	2,183,265	-
2018	497,134	19.8	312,829	20.0	11.5	0.6	1,293,857	-
2017	1,116,869	23.0	584,459	22.4	11.0	0.5	2,994,666	-
2016	1,422,584	26.8	771,534	26.5	11.2	0.5	2,765,072	-
2015	2,103,634	30.0	1,138,715	28.2	10.8	0.5	5,501,449	-
2014	2,477,383	44.1	1,544,862	46.3	11.7	0.6	4,003,170	-
2013	2,021,612	19.4	959,787	17.8	10.4	0.5	4,471,609	-
2012	1,255,035	14.6	695,368	15.4	10.9	0.6	1,670,729	-
2011	1,075,153	16.2	570,239	16.9	11.0	0.5	1,604,093	-
2010	1,660,599	15.1	1,003,198	16.2	11.2	0.6	2,888,773	-
2009	1,848,709	22.5	1,017,152	25.4	10.9	0.6	3,414,288	-
2008	1,127,632	17.6	623,055	17.9	10.9	0.6	1,416,166	-
2007	809,793	20.9	422,405	19.5	10.9	0.5	1,202,664	-
2006	1,110,253	28.8	511,690	27.2	10.8	0.5	1,960,933	-
2005	977,260	21.6	536,532	20.6	11.1	0.5	1,328,501	-
2004	969,985	23.2	625,932	22.5	11.4	0.6	1,023,307	-
2003	678,724	19.8	462,481	21.4	11.2	0.7	1,045,686	-
2002	913,852	21.0	595,860	21.5	11.6	0.7	623,815	-
2001	1,562,340	22.6	836,967	22.6	11.0	0.5	825,114	-
2000	1,961,242	17.8	1,287,295	19.7	11.4	0.7	1,648,043	-

<sup>4</sup> 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.

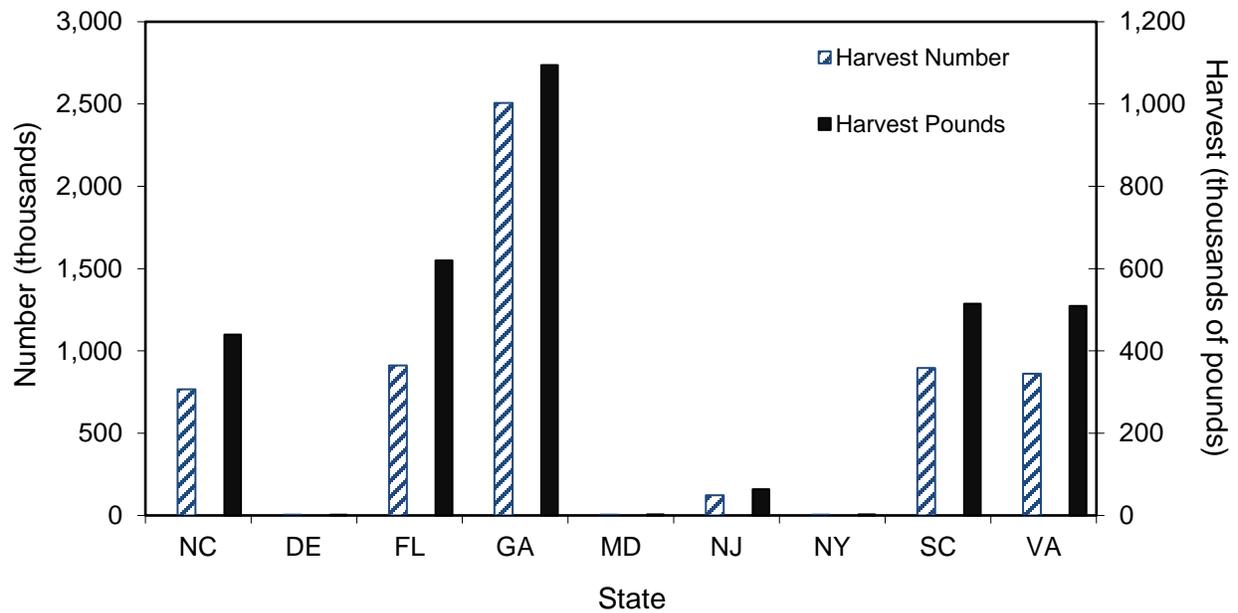


**Figure III.43 Southern Kingfish recreational catch in North Carolina by year.**

**Table III.49 Southern Kingfish recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>5</sup>	PSE (release) <sup>5</sup>
North Carolina	767,259	29.0	439,552	23.8	11.0	0.6	-	-
Delaware	3,852	55.4	1,785	52.1	10.4	0.5	-	-
Florida	911,999	34.9	619,630	27.7	11.8	0.7	-	-
Georgia	2,507,027	16.8	1,094,839	15.7	10.2	0.4	-	-
Maryland	5,017	54.9	2,663	68.9	11.0	0.5	-	-
New Jersey	122,368	57.9	64,069	63.9	10.5	0.5	-	-
New York	5,608	101.4	2,473	101.4	9.1	0.4	-	-
South Carolina	895,889	18.2	514,300	19.6	11.0	0.6	-	-
Virginia	862,128	30.9	509,176	34.7	11.1	0.6	-	-

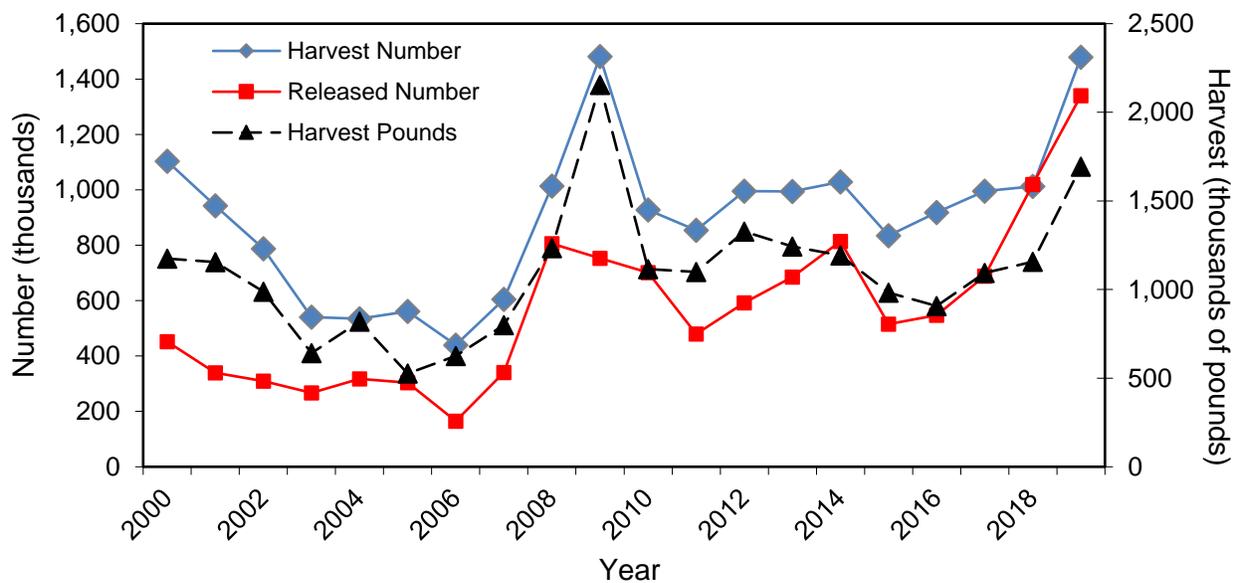
<sup>5</sup> Released kingfish are not always recorded to species level. Numbers released are not shown by state.



**Figure III.44 Southern Kingfish recreational catch by state, 2019.**

**Table III.50 Spanish Mackerel recreational catch in North Carolina by year.**

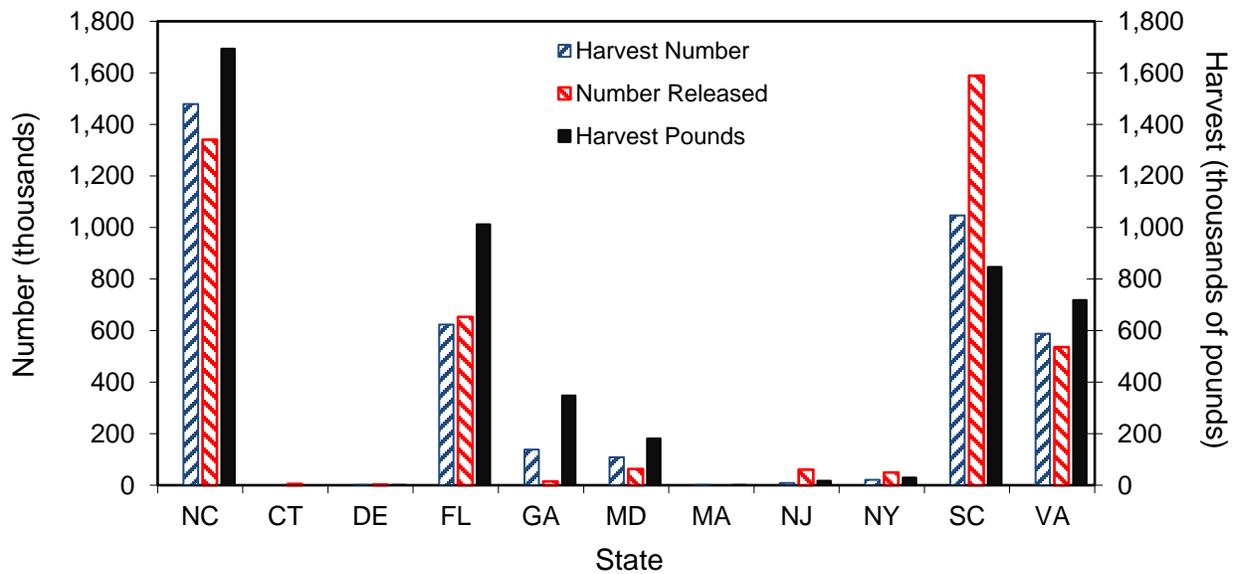
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	1,478,890	19.6	1,694,247	22.4	15.0	1.1	1,340,366	21.8
2018	1,012,889	13.9	1,156,702	14.5	15.0	1.1	1,019,418	30.4
2017	995,706	18.0	1,094,778	18.3	14.8	1.1	688,062	21.4
2016	918,352	16.4	907,400	16.3	14.3	1.0	546,950	19.5
2015	835,011	14.3	981,867	15.6	14.7	1.2	514,714	17.7
2014	1,028,925	15.2	1,193,442	14.7	14.9	1.2	814,064	21.2
2013	994,599	15.2	1,242,029	16.5	15.1	1.2	685,692	26.1
2012	995,852	9.6	1,327,350	10.4	15.1	1.3	591,792	16.4
2011	854,554	15.0	1,100,110	20.0	15.0	1.3	479,586	15.5
2010	927,116	22.0	1,116,099	17.5	15.2	1.2	701,634	33.0
2009	1,480,931	13.5	2,155,692	19.4	15.8	1.5	752,806	20.7
2008	1,013,980	13.1	1,234,030	15.2	15.2	1.2	806,280	18.5
2007	604,518	15.2	799,263	16.5	15.4	1.3	340,027	16.5
2006	439,736	15.7	624,488	20.5	16.0	1.4	165,098	22.5
2005	561,073	16.1	526,054	16.6	14.6	0.9	303,641	19.9
2004	534,720	18.7	819,978	20.0	16.7	1.5	317,189	26.9
2003	540,399	15.3	641,024	14.5	14.8	1.2	266,887	17.1
2002	787,125	17.1	987,238	16.1	15.3	1.3	309,546	16.9
2001	942,500	25.0	1,155,788	24.7	15.5	1.2	338,918	37.0
2000	1,102,777	17.7	1,175,351	19.3	15.2	1.1	451,910	19.2



**Figure III.45 Spanish Mackerel recreational catch in North Carolina by year.**

**Table III.51 Spanish Mackerel recreational catch by state, 2019.**

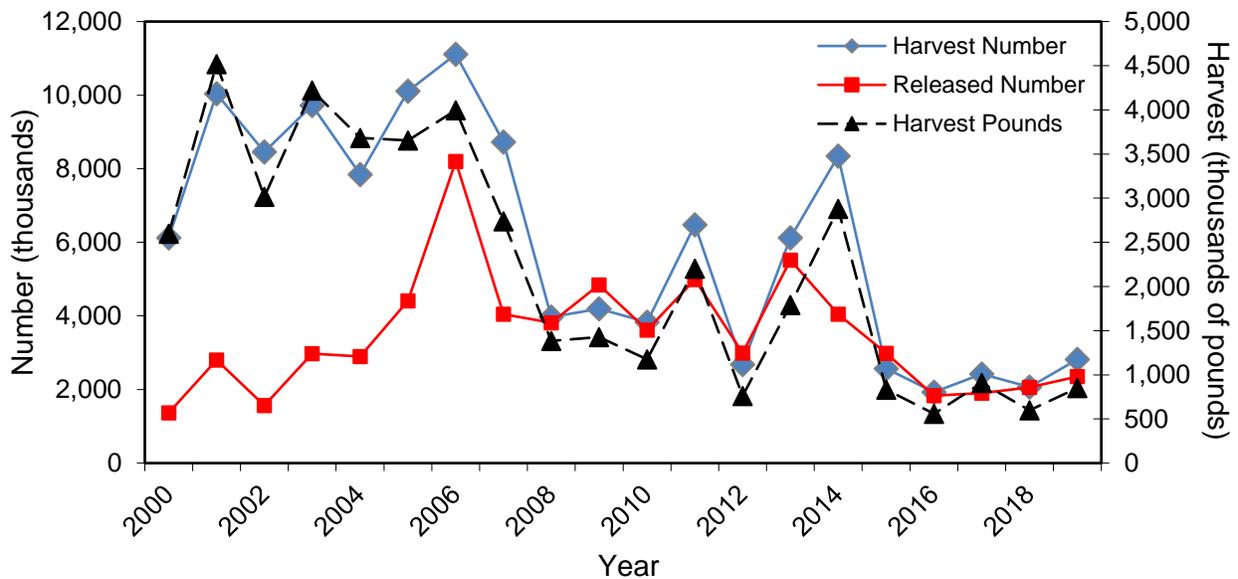
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	1,478,890	19.6	1,694,247	22.4	15.0	1.1	1,340,366	21.8
Connecticut	-	-	-	-	-	-	4,731	57.4
Delaware	1,396	86.0	1,300	81.9	12.5	0.9	2,334	100.9
Florida	623,415	24.4	1,011,804	24.4	16.4	1.5	652,727	24.4
Georgia	138,756	45.1	348,469	51.1	19.5	2.5	14,943	45.4
Maryland	109,007	25.7	181,994	27.5	16.3	1.7	62,881	41.0
Massachusetts	335	88.9	591	88.9	18.0	1.8	-	-
New Jersey	8,787	47.2	17,558	51.1	17.6	2.0	60,003	70.2
New York	21,031	101.5	30,177	101.3	16.3	1.4	49,390	73.1
South Carolina	1,046,972	15.8	847,163	16.2	13.5	0.8	1,588,754	23.8
Virginia	587,683	23.1	718,353	27.5	15.3	1.2	536,244	25.6



**Figure III.46 Spanish Mackerel recreational catch by state, 2019.**

**Table III.52 Spot recreational catch in North Carolina by year.**

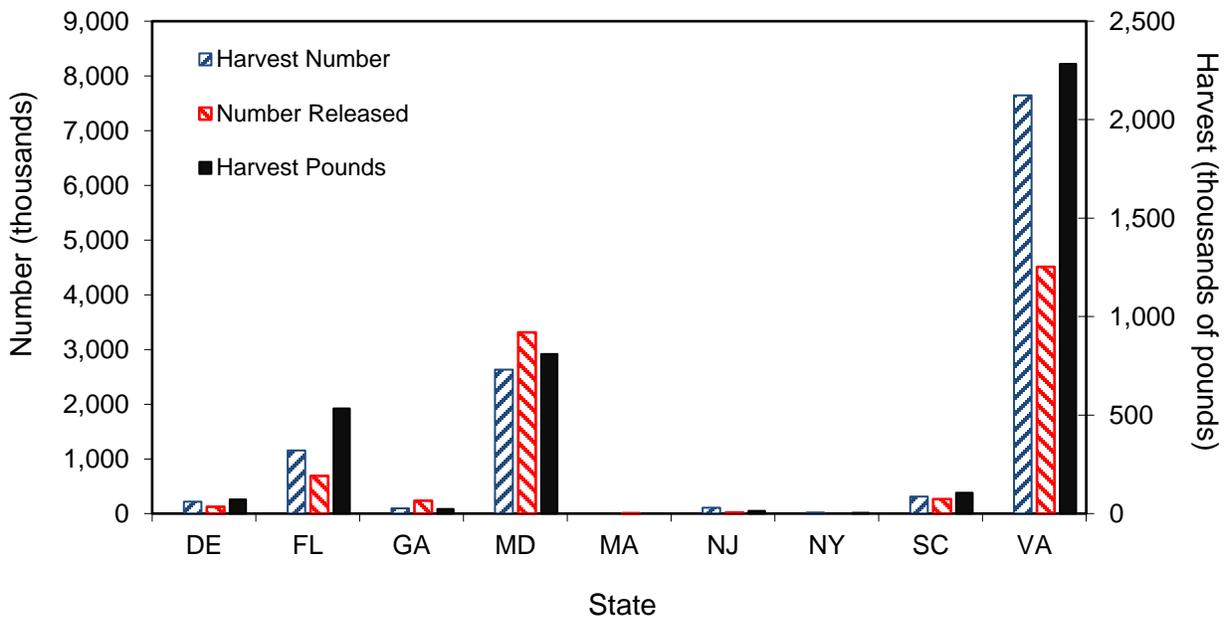
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	2,822,884	27.6	851,998	27.7	7.7	0.3	2,356,120	27.3
2018	2,068,865	24.3	597,511	24.2	8.4	0.3	2,062,163	19.4
2017	2,418,331	44.8	909,796	50.8	8.1	0.4	1,902,281	28.2
2016	1,928,716	25.3	558,799	25.3	7.9	0.3	1,831,415	22.0
2015	2,572,738	19.6	833,390	20.6	8.1	0.3	2,984,629	15.3
2014	8,343,467	23.9	2,877,483	25.9	8.2	0.3	4,043,710	12.5
2013	6,120,985	15.7	1,789,251	17.5	7.9	0.3	5,513,732	12.1
2012	2,677,082	21.4	760,276	22.2	7.9	0.3	2,995,879	13.2
2011	6,480,714	19.5	2,201,947	20.7	8.2	0.3	4,993,544	11.5
2010	3,830,384	19.3	1,173,173	19.4	8.1	0.3	3,615,808	14.4
2009	4,197,640	20.3	1,427,956	20.1	8.4	0.3	4,847,202	12.6
2008	3,970,431	19.7	1,382,428	20.5	8.3	0.3	3,817,529	15.4
2007	8,728,295	21.3	2,737,144	20.9	9.1	0.3	4,049,250	17.3
2006	11,109,551	39.4	3,995,432	40.4	8.9	0.4	8,196,592	15.4
2005	10,105,205	19.2	3,652,186	19.8	8.4	0.4	4,407,100	16.2
2004	7,845,322	12.4	3,682,623	14.4	9.2	0.5	2,899,319	12.5
2003	9,717,824	17.7	4,220,534	17.3	8.7	0.4	2,970,990	13.0
2002	8,456,981	21.8	3,017,466	19.2	8.3	0.4	1,569,579	11.9
2001	10,043,845	15.1	4,519,545	15.9	8.8	0.4	2,804,349	16.2
2000	6,121,384	31.6	2,598,813	31.4	8.6	0.4	1,366,746	14.1



**Figure III.47 Spot recreational catch in North Carolina by year.**

**Table III.53 Spot recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	2,822,884	27.6	851,998	27.7	7.7	0.3	2,356,120	27.3
Delaware	220,296	37.3	72,556	34.7	7.4	0.3	125,656	25.1
Florida	1,154,277	36.0	534,214	35.8	8.4	0.4	691,731	37.5
Georgia	97,526	44.9	24,107	42.0	7.5	0.2	234,016	32.2
Maryland	2,634,233	23.9	809,736	28.9	7.4	0.3	3,311,565	20.0
Massachusetts	-	-	-	-	-	-	23	104.7
New Jersey	108,765	95.4	13,451	96.9	6.5	0.1	21,801	70.8
New York	17,517	98.0	4,719	98.0	7.3	0.3	-	-
South Carolina	312,706	41.0	105,675	38.7	7.8	0.3	263,939	31.8
Virginia	7,647,077	22.4	2,283,558	23.8	7.7	0.3	4,509,930	22.0

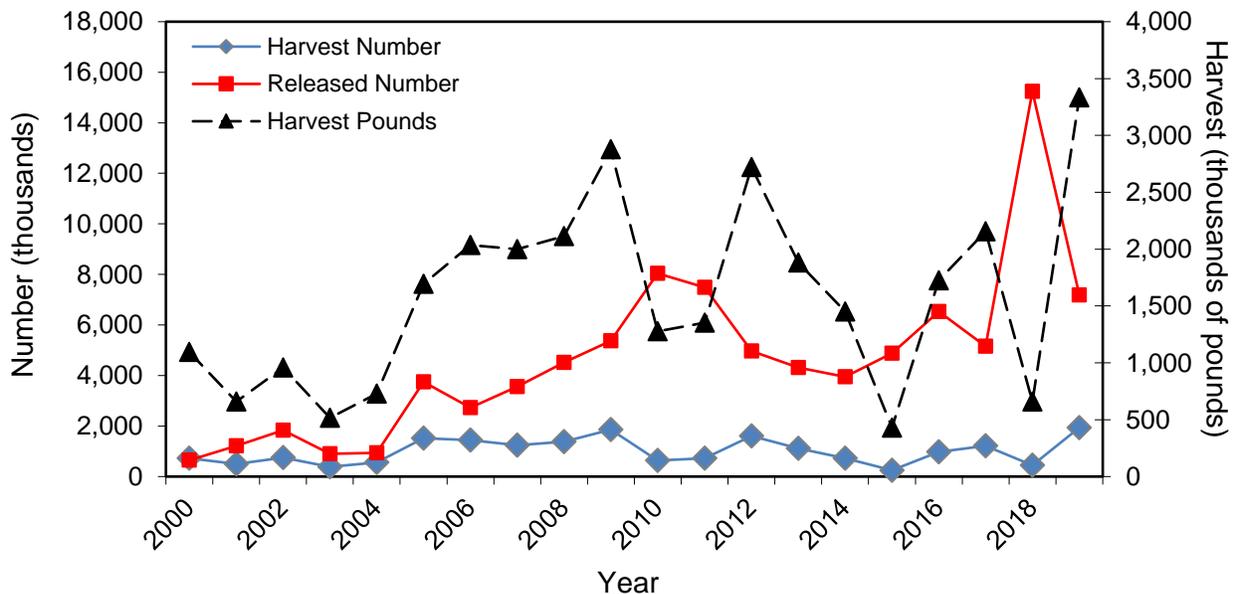


**Figure III.48 Spot recreational catch by state, 2019.**

**Table III.54 Spotted Seatrout recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>8</sup>	PSE (release) <sup>8</sup>
2019	1,937,250	11.4	3,334,163	11.6	16.7	1.7	7,185,562	
2018	449,473	18.6	658,555	18.4	15.7	1.5	15,245,249	-
2017	1,217,834	14.8	2,157,198	14.8	17.0	1.8	5,151,510	-
2016	978,624	13.1	1,724,492	14.5	16.8	1.8	6,533,887	-
2015	249,260	21.9	430,579	22.6	16.9	1.7	4,883,109	-
2014	725,086	13.9	1,451,592	16.1	17.6	2.0	3,950,447	-
2013	1,107,957	11.9	1,881,881	12.1	16.8	1.7	4,312,436	-
2012	1,602,836	10.4	2,720,028	12.0	16.5	1.7	4,967,987	-
2011	723,502	11.2	1,353,388	11.5	17.0	1.9	7,486,377	-
2010	630,748	26.5	1,277,174	28.0	17.5	2.0	8,034,670	-
2009	1,857,890	16.8	2,878,160	16.5	16.0	1.5	5,369,092	-
2008	1,372,973	14.3	2,114,130	16.5	15.6	1.5	4,509,440	-
2007	1,241,296	14.8	1,998,275	14.2	15.9	1.6	3,558,110	-
2006	1,444,778	16.6	2,034,469	16.7	15.5	1.4	2,722,351	-
2005	1,517,647	31.9	1,695,036	26.5	14.2	1.1	3,744,921	-
2004	560,834	20.2	728,027	21.3	15.3	1.3	934,206	-
2003	388,715	20.8	515,678	19.5	14.7	1.3	903,292	-
2002	746,908	26.6	957,824	23.2	14.9	1.3	1,829,880	-
2001	499,556	16.7	659,893	18.0	14.9	1.3	1,210,336	-
2000	728,906	21.9	1,095,729	22.3	15.5	1.5	645,107	-

<sup>8</sup> Seatrout releases are not always recorded to species level; released number was calculated by assigning a ratio of observed seatrout by species to reported seatrout genus release estimates. PSE are not available for this analysis.

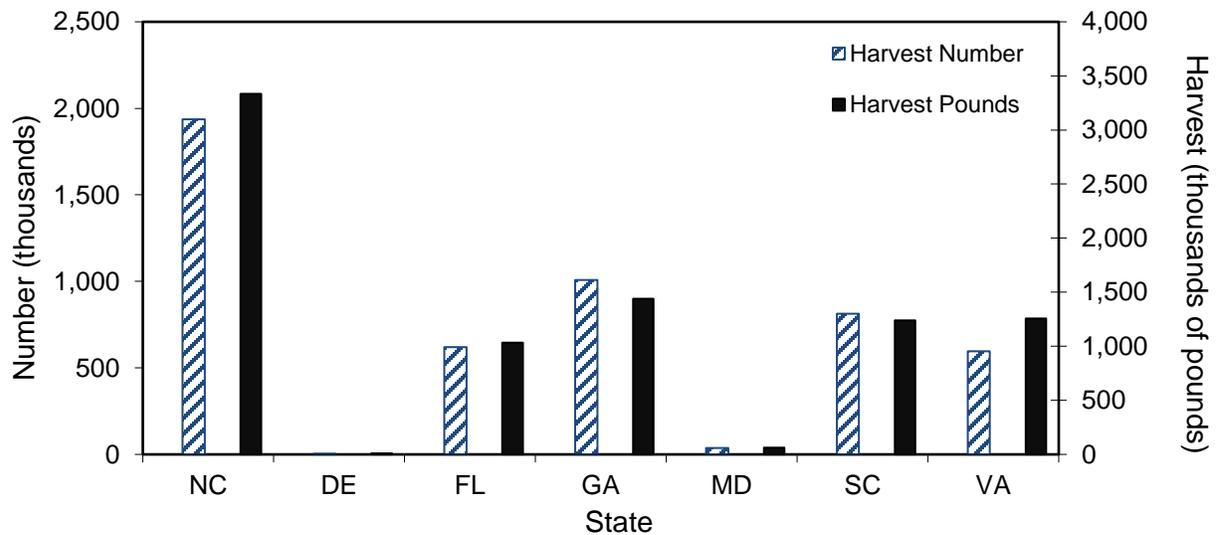


**Figure III.49 Spotted Seatrout recreational catch in North Carolina by year.**

**Table III.55 Spotted Seatrout recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>9</sup>	PSE (release) <sup>9</sup>
North Carolina	1,937,250	11.4	3,334,163	11.6	16.7	1.7	-	-
Delaware	4,644	106.2	10,878	106.2	18.3	2.3	-	-
Florida	620,337	18.7	1,033,847	18.0	16.7	1.6	-	-
Georgia	1,008,284	22.6	1,440,368	23.0	15.4	1.4	-	-
Maryland	36,314	50.8	61,935	51.1	16.5	1.7	-	-
South Carolina	813,548	27.2	1,238,834	30.0	16.1	1.5	-	-
Virginia	596,428	24.8	1,256,916	26.4	17.9	2.1	-	-

<sup>9</sup> Released seatrout are not always recorded to species level. Numbers released are not shown by state.

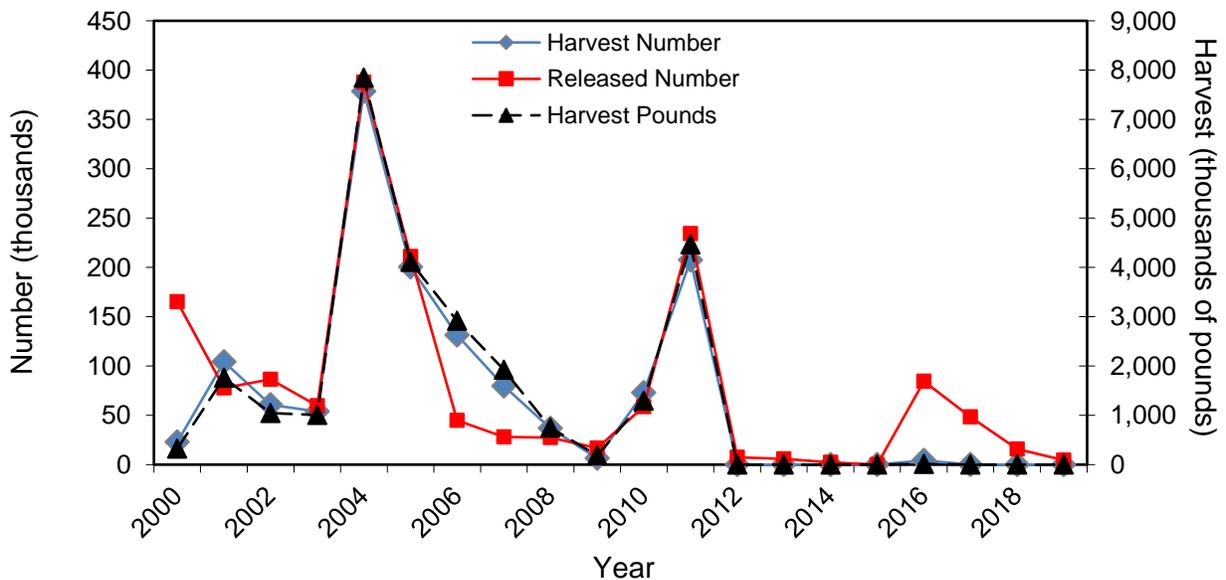


**Figure III.50 Spotted Seatrout recreational catch by state, 2019.**

**Table III.56 Striped Bass<sup>10</sup> 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)
2019	-	-	-	-	-	-	4,521	52.6
2018	25	99.1	366	99.1	-	-	15,850	47.6
2017	-	-	-	-	-	-	48,410	43.1
2016	4,177	102.0	15,961	102.0	-	-	84,545	41.0
2015	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	2,122	100.5
2013	-	-	-	-	-	-	5,840	63.6
2012	-	-	-	-	-	-	7,301	78.1
2011	207,610	20.1	4,467,159	19.9	35.9	21.5	234,250	27.7
2010	72,941	38.5	1,294,743	36.7	33.9	17.8	58,858	41.3
2009	6,548	46.8	186,729	45.6	39.6	28.5	16,857	66.7
2008	36,750	36.9	746,511	36.1	35.5	20.3	27,512	52.3
2007	79,668	33.9	1,921,009	34.3	38.3	24.4	28,088	40.4
2006	131,300	43.9	2,914,151	44.4	36.2	22.2	44,907	36.4
2005	200,468	23.0	4,112,555	23.9	35.8	20.3	210,903	37.3
2004	378,498	19.5	7,845,228	20.1	35.6	20.6	387,810	25.3
2003	53,733	38.5	1,004,754	42.6	36.0	19.2	59,799	35.2
2002	60,773	24.9	1,047,529	25.3	33.0	17.7	86,417	24.1
2001	104,177	32.0	1,762,856	36.5	34.0	17.9	77,728	39.5
2000	22,833	32.1	319,604	37.4	32.1	15.3	165,167	22.2

<sup>10</sup> Includes Striped Bass harvested from the Atlantic Ocean during Waves 1 and 6 only.

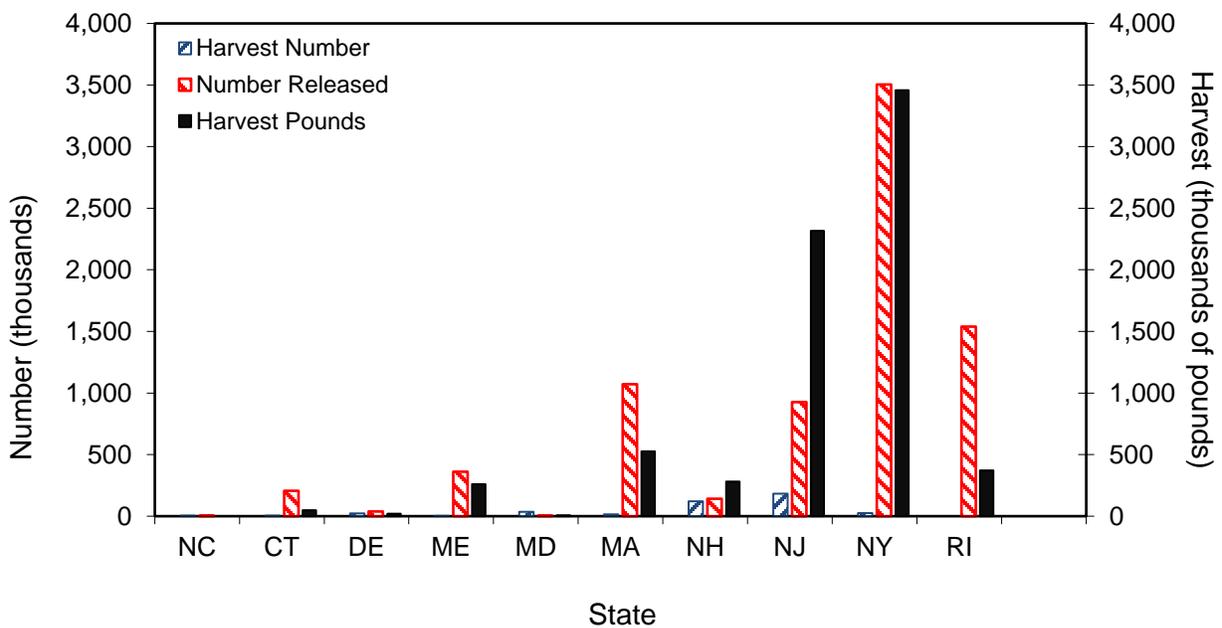


**Figure III.51 Striped Bass recreational catch in North Carolina from the Atlantic Ocean by year.**

**Table III.57 Striped Bass<sup>10</sup> recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	-	-	-	-	-	-	4,521	52.6
Connecticut	3,431	48.9	48,724	51.2	-	-	205,474	42.2
Delaware	5,185	96.0	20,450	96.0	21.3	3.9	37,454	38.8
Maine	21,370	63.4	258,996	55.9	-	-	360,694	27.5
Maryland	1,033	74.6	7,322	62.6	24.5	7.1	3,286	84.1
Massachusetts	35,140	26.9	527,138	26.8	-	-	1,072,386	16.6
New Hampshire	13,798	33.4	282,184	35.8	-	-	142,165	31.7
New Jersey	121,398	25.9	2,316,316	27.1	33.3	17.2	926,178	28.4
New York	183,675	42.5	3,457,256	44.4	34.1	17.6	3,503,435	25.2
Rhode Island	25,530	37.0	370,237	29.4	-	-	1,537,781	22.2

<sup>10</sup> Includes Striped Bass harvested from the Atlantic Ocean during Waves 1 and 6 only.

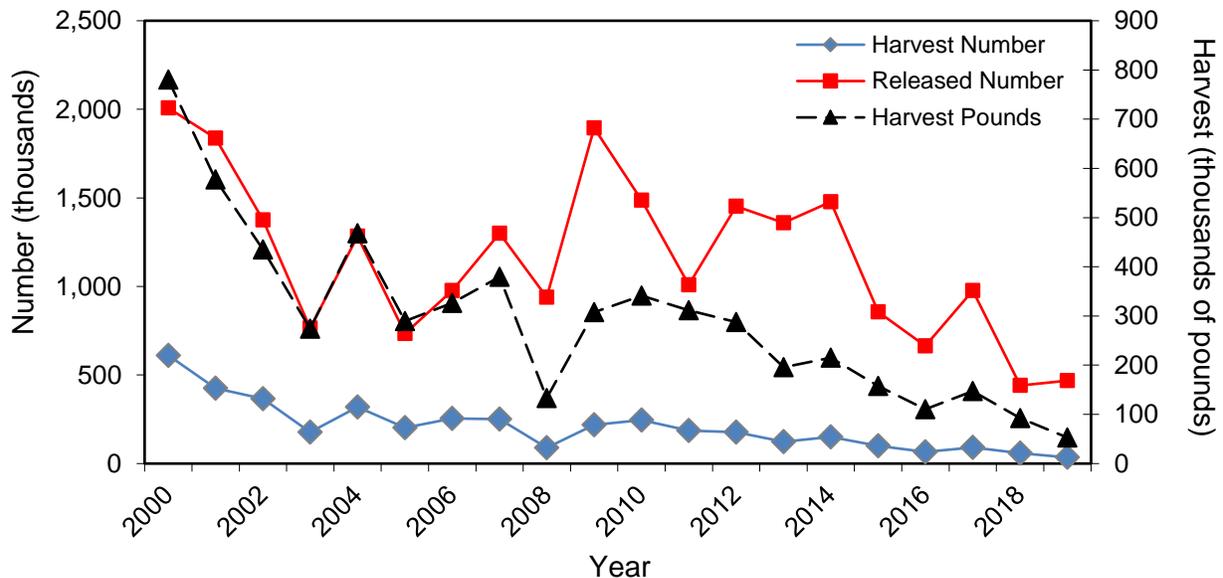


**Figure III.52 Striped Bass recreational catch from the Atlantic Ocean by state, 2019.**

**Table III.58 Summer Flounder recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>11</sup>	PSE (release) <sup>11</sup>
2019	34,895	31.7	52,872	31.2	15.9	1.5	467,942	
2018	57,913	25.6	92,032	25.4	15.9	1.6	300,195	-
2017	91,193	28.2	147,426	28.7	16.2	1.6	977,285	-
2016	65,494	27.2	110,392	27.1	16.2	1.7	664,388	-
2015	99,263	23.3	157,437	23.6	16.0	1.6	856,849	-
2014	150,201	21.3	215,294	21.6	15.7	1.4	1,478,527	-
2013	123,742	18.9	196,002	19.1	16.0	1.6	1,359,319	-
2012	176,553	16.5	287,522	16.4	16.3	1.6	1,452,828	-
2011	186,877	15.9	311,573	15.9	16.2	1.7	1,009,389	-
2010	245,839	14.8	341,310	14.2	15.5	1.4	1,486,980	-
2009	219,321	23.7	307,692	23.2	15.7	1.4	1,894,409	-
2008	88,501	17.5	132,743	18.0	15.7	1.5	939,708	-
2007	251,068	18.5	379,387	19.9	15.6	1.5	1,299,735	-
2006	254,653	18.3	326,684	17.5	15.3	1.3	977,039	-
2005	202,797	22.6	289,495	23.2	15.5	1.4	734,860	-
2004	318,632	22.2	467,869	26.0	15.7	1.5	1,283,788	-
2003	177,360	19.2	273,895	19.3	15.3	1.5	763,794	-
2002	366,467	14.4	435,113	14.1	14.7	1.2	1,376,069	-
2001	424,615	11.2	577,139	11.5	15.1	1.4	1,836,338	-
2000	611,081	13.2	780,211	13.0	15.2	1.3	2,007,411	-

<sup>11</sup> Flounder releases are not recorded to species; released number was calculated by assigning a ratio of observed flounder by species to reported flounder genus release estimates. PSEs are not available for this analysis.

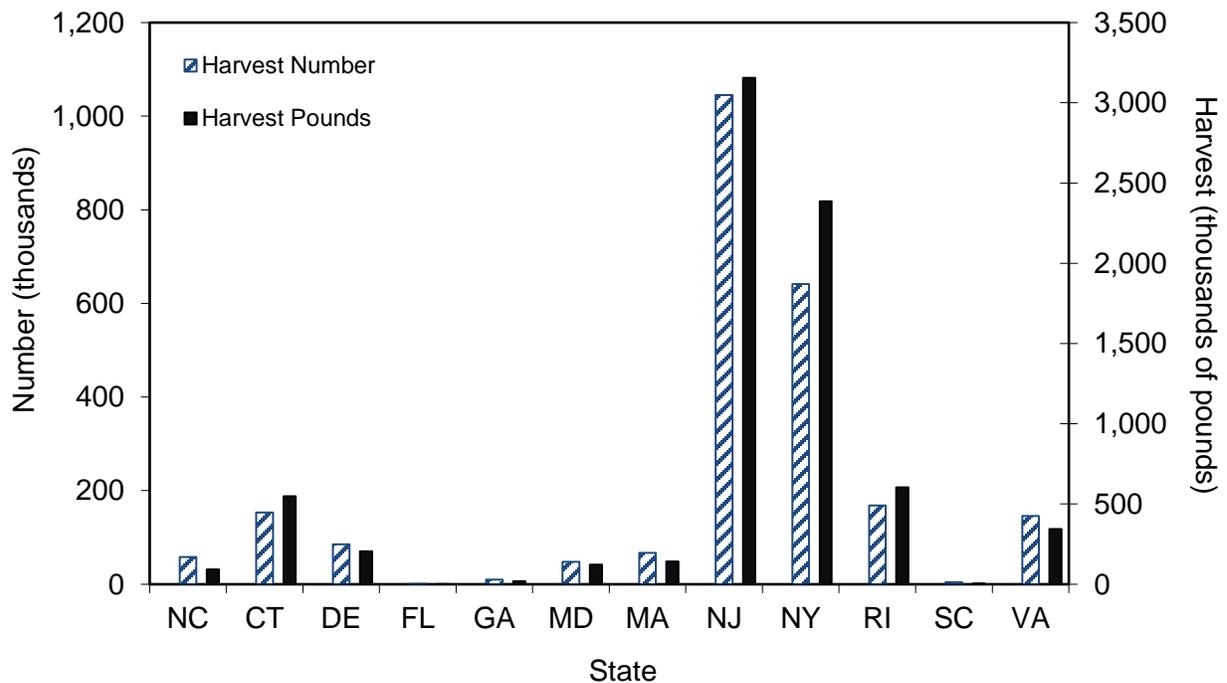


**Figure III.53 Summer Flounder recreational catch in North Carolina by year.**

**Table III.59 Summer Flounder recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>12</sup>	PSE (release) <sup>12</sup>
North Carolina	57,913	25.6	92,032	25.4	15.9	1.6	-	-
Connecticut	153,091	24.3	549,268	23.0	20.8	3.6	-	-
Delaware	85,239	17.2	205,380	16.8	18.3	2.4	-	-
Florida	530	100.1	2,096	100.1	16.5	1.7	-	-
Georgia	9,943	80.7	19,637	73.2	16.1	2.0	-	-
Maryland	48,279	31.3	121,760	35.7	17.5	2.5	-	-
Massachusetts	67,302	31.0	142,540	26.3	17.1	2.1	-	-
New Jersey	1,045,198	13.4	3,154,540	15.7	19.7	3.0	-	-
New York	641,186	13.8	2,385,310	14.2	21.2	3.7	-	-
Rhode Island	168,580	25.1	603,752	23.3	20.9	3.6	-	-
South Carolina	4,197	48.9	6,149	47.9	14.8	1.5	-	-
Virginia	145,726	23.1	345,064	26.0	18.6	2.4	-	-

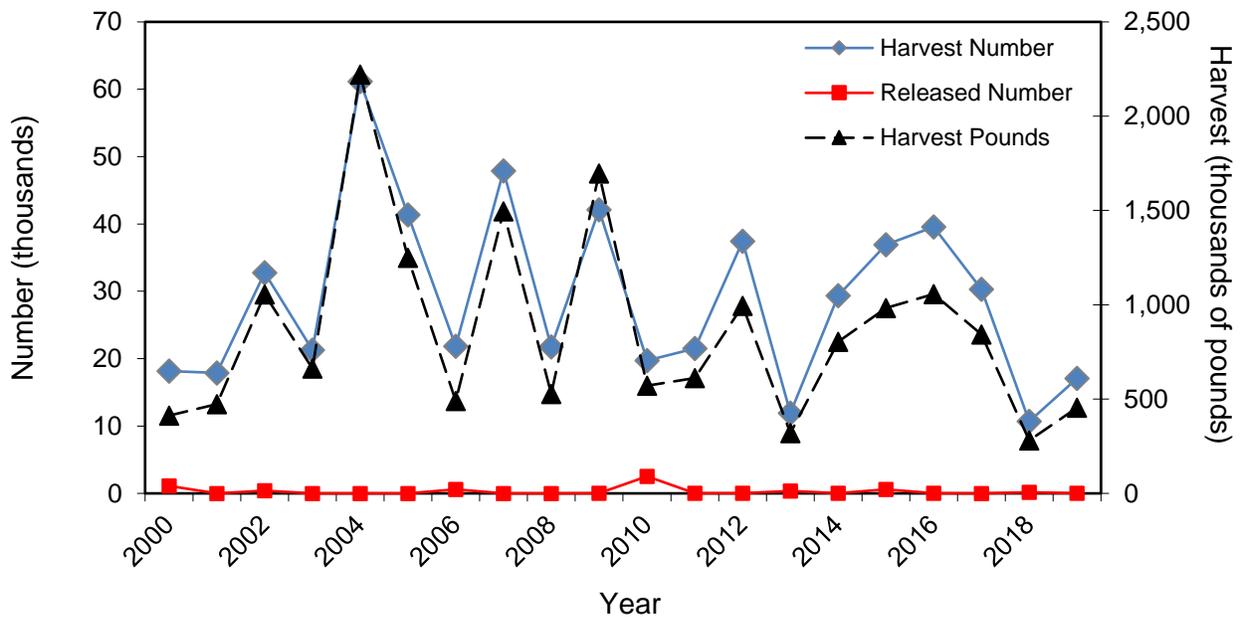
<sup>12</sup> Released flounder are not always recorded to species level. Numbers released are not shown by state.



**Figure III.54 Summer Flounder recreational catch by state, 2019.**

**Table III.60 Wahoo recreational catch in North Carolina by year.**

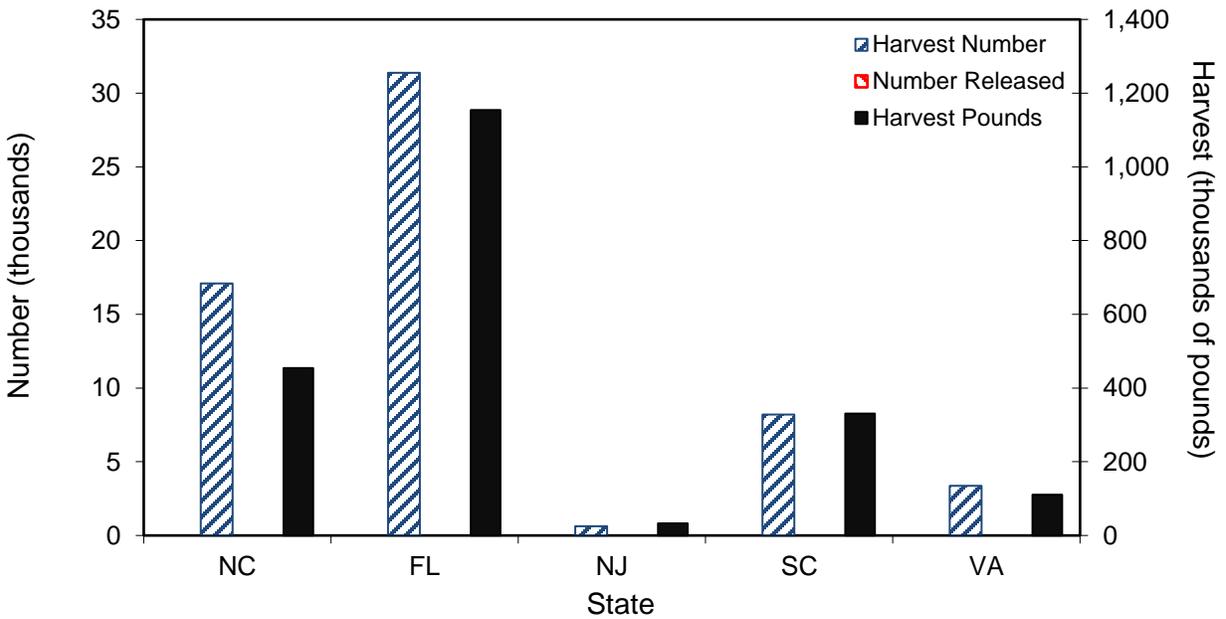
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	17,098	17.6	454,391	17.2	47.1	26.6	23	100.3
2018	10,690	26.3	280,644	25.3	47.7	26.3	182	94.2
2017	30,305	29.1	842,604	31.0	48.8	27.8	-	-
2016	39,565	21.9	1,056,969	22.8	48.1	26.7	5	110.2
2015	36,920	25.2	983,232	23.2	47.9	26.6	608	101.3
2014	29,362	26.9	804,473	27.5	48.2	27.4	22	103.4
2013	11,951	26.7	319,866	25.9	48.4	26.8	337	97.9
2012	37,423	14.9	994,195	15.0	48.2	26.6	12	99.7
2011	21,501	27.9	611,319	32.0	49.0	28.4	40	99.7
2010	19,703	23.1	571,575	26.4	49.0	29.0	2,532	69.6
2009	42,129	57.9	1,696,717	67.5	53.6	40.3	48	97.9
2008	21,777	26.4	527,736	25.5	46.1	24.2	-	-
2007	47,890	43.2	1,495,127	56.1	50.4	31.2	-	-
2006	21,834	21.8	490,904	23.1	45.0	22.5	594	63.8
2005	41,364	45.8	1,249,160	47.6	48.1	30.2	-	-
2004	61,153	51.0	2,220,765	55.8	52.3	36.3	-	-
2003	21,274	37.6	662,567	34.6	48.2	31.1	-	-
2002	32,783	20.6	1,056,010	25.0	48.0	32.2	398	99.9
2001	17,889	28.9	473,926	30.6	46.1	26.5	-	-
2000	18,183	24.7	412,824	25.6	44.9	22.7	1,126	97.4



**Figure III.55 Wahoo recreational catch in North Carolina by year.**

**Table III.61 Wahoo recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	17,098	17.6	454,391	17.2	47.1	26.6	23	100.3
Florida	31,379	42.0	1,154,555	43.7	52.9	34.8	-	-
New Jersey	633	102.8	32,944	102.8	58.5	52.0	-	-
South Carolina	8,206	91.7	331,040	91.7	56.0	40.3	-	-
Virginia	3,359	74.5	110,770	75.6	51.5	33.0	-	-

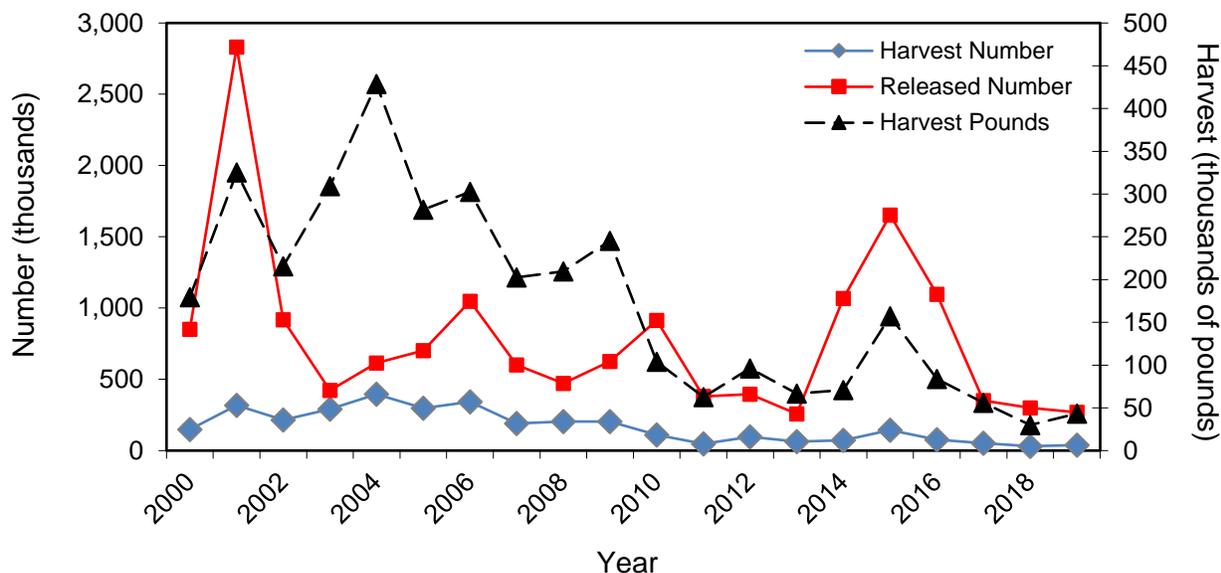


**Figure III.56 Wahoo recreational catch by state, 2019.**

**Table III.62 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 <sup>8</sup>	PSE (release) <sup>8</sup>
2019	39,061	21.4	43,252	22.0	14.5	1.1	269,146	-
2018	30,935	39.5	29,924	40.5	13.4	1.0	299,496	-
2017	51,795	23.6	55,944	26.5	14.2	1.1	351,613	-
2016	77,341	25.8	83,702	26.3	14.0	1.1	1,097,615	-
2015	143,543	26.6	157,269	26.5	14.0	1.1	1,652,582	-
2014	71,912	24.8	70,988	24.5	13.8	1.0	1,067,344	-
2013	63,090	24.2	66,720	23.2	14.2	1.1	257,367	-
2012	96,947	26.4	95,952	22.0	13.8	1.0	396,620	-
2011	48,727	24.9	62,543	26.6	14.7	1.3	380,366	-
2010	110,770	16.9	103,903	17.4	13.6	0.9	914,004	-
2009	204,814	23.5	245,358	28.8	14.8	1.2	626,742	-
2008	203,779	22.0	209,470	22.8	13.8	1.0	470,805	-
2007	191,192	19.7	202,583	19.8	14.2	1.1	600,987	-
2006	343,092	18.1	302,775	19.6	13.6	0.9	1,047,135	-
2005	297,605	19.5	281,710	20.0	14.0	0.9	702,685	-
2004	395,268	18.5	428,627	18.4	14.5	1.1	614,762	-
2003	291,168	18.4	309,412	17.6	14.1	1.1	422,294	-
2002	214,040	21.8	215,402	23.8	13.9	1.0	917,803	-
2001	317,974	19.0	325,447	20.1	14.1	1.0	2,831,044	-
2000	147,397	19.2	179,599	20.1	14.8	1.2	852,262	-

<sup>8</sup> Seatrout releases are not 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.

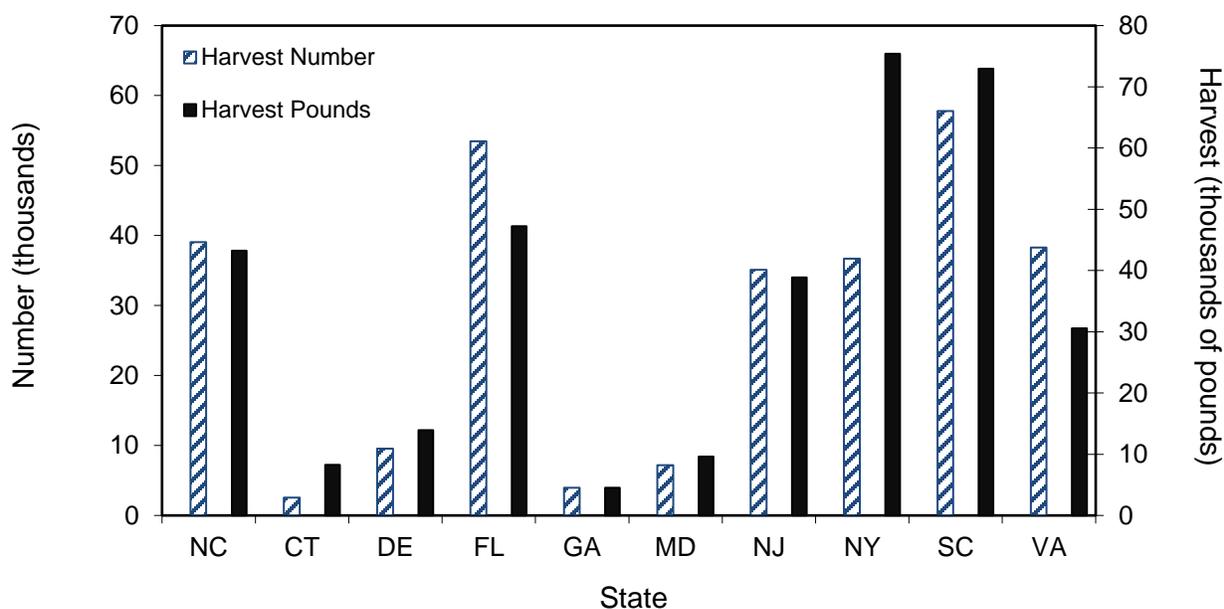


**Figure III.57 Weakfish recreational catch in North Carolina by year.**

**Table III.63 Weakfish recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number <sup>9</sup>	PSE (release) <sup>9</sup>
North Carolina	39,061	21.4	43,252	22.0	14.5	1.1	-	-
Connecticut	2,535	94.5	8,238	96.1	21.9	3.2	-	-
Delaware	9,565	53.2	13,941	58.3	16.3	1.5	-	-
Florida	53,494	97.0	47,249	96.8	13.1	0.9	-	-
Georgia	3,961	57.4	4,538	61.0	13.8	1.1	-	-
Maryland	7,191	57.1	9,602	59.2	14.5	1.3	-	-
New Jersey	35,089	64.1	38,886	63.6	14.3	1.1	-	-
New York	36,672	37.9	75,405	36.4	18.0	2.1	-	-
South Carolina	57,772	30.0	72,949	34.2	14.8	1.3	-	-
Virginia	38,292	32.3	30,573	30.0	13.1	0.8	-	-

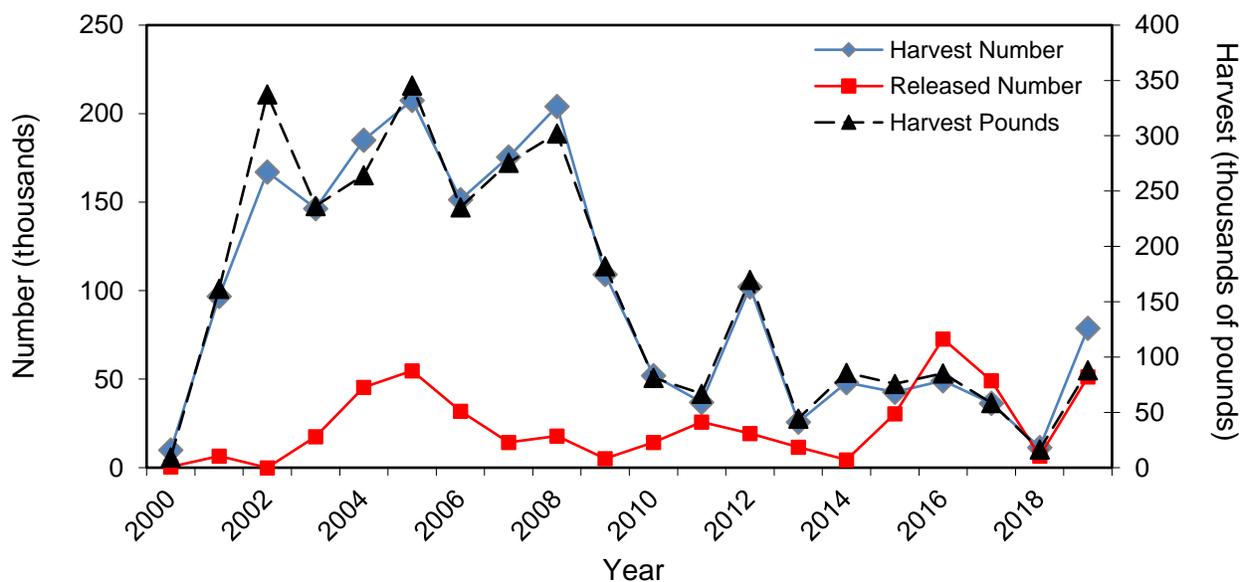
<sup>9</sup> Released seatrout are not always recorded to species level. Numbers released are not shown by state.



**Figure III.58 Weakfish recreational catch by state, 2019.**

**Table III.64 White Grunt recreational catch in North Carolina by year.**

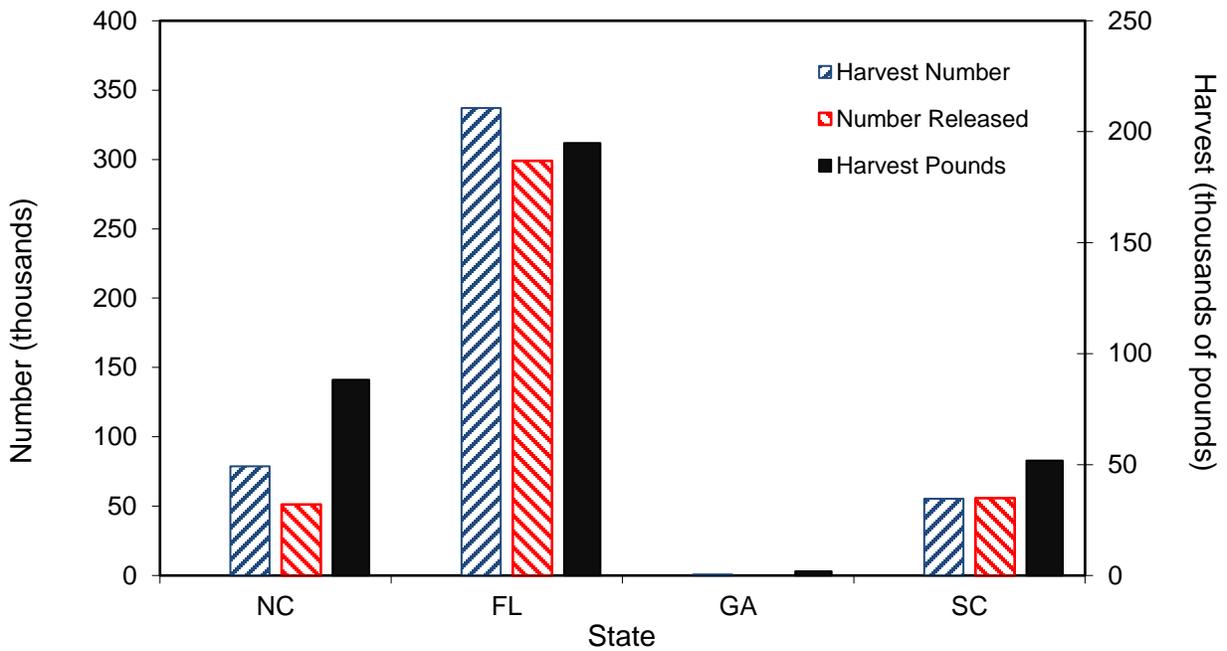
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	78,808	53.9	88,164	53.6	11.0	1.1	51,294	58.4
2018	11,486	33.2	16,551	34.0	12.0	1.4	6,551	38.9
2017	36,459	42.5	58,656	42.8	12.5	1.6	49,159	61.1
2016	49,190	38.9	85,197	40.8	12.7	1.7	72,791	66.6
2015	42,614	34.4	75,878	35.5	12.7	1.8	30,399	49.1
2014	48,030	58.9	85,941	59.8	13.4	1.8	4,406	51.6
2013	25,864	40.0	44,343	42.3	13.5	1.7	11,631	46.6
2012	102,155	30.9	169,755	30.3	12.9	1.7	19,332	65.0
2011	36,911	34.6	66,981	34.3	13.0	1.8	25,807	43.5
2010	52,062	47.6	81,365	46.7	12.4	1.6	14,384	44.2
2009	109,271	30.8	182,294	30.5	12.6	1.7	5,058	59.0
2008	204,033	32.3	302,233	32.9	12.4	1.5	17,906	82.9
2007	175,591	28.7	275,721	28.9	12.6	1.6	14,319	52.2
2006	151,440	39.2	235,456	40.6	12.6	1.6	31,998	71.0
2005	207,542	35.3	345,702	37.7	12.7	1.7	54,688	73.6
2004	184,996	29.3	264,518	30.6	11.9	1.4	45,327	70.6
2003	146,426	34.6	236,464	33.7	11.6	1.6	17,556	94.3
2002	167,107	29.8	337,495	31.5	13.4	2.0	-	-
2001	96,771	30.5	161,692	30.5	12.6	1.7	6,527	100.8
2000	10,024	84.3	9,287	85.2	10.2	0.9	525	99.4



**Figure III.59 White Grunt recreational catch in North Carolina by year.**

**Table III.65 White Grunt recreational catch by state, 2019.**

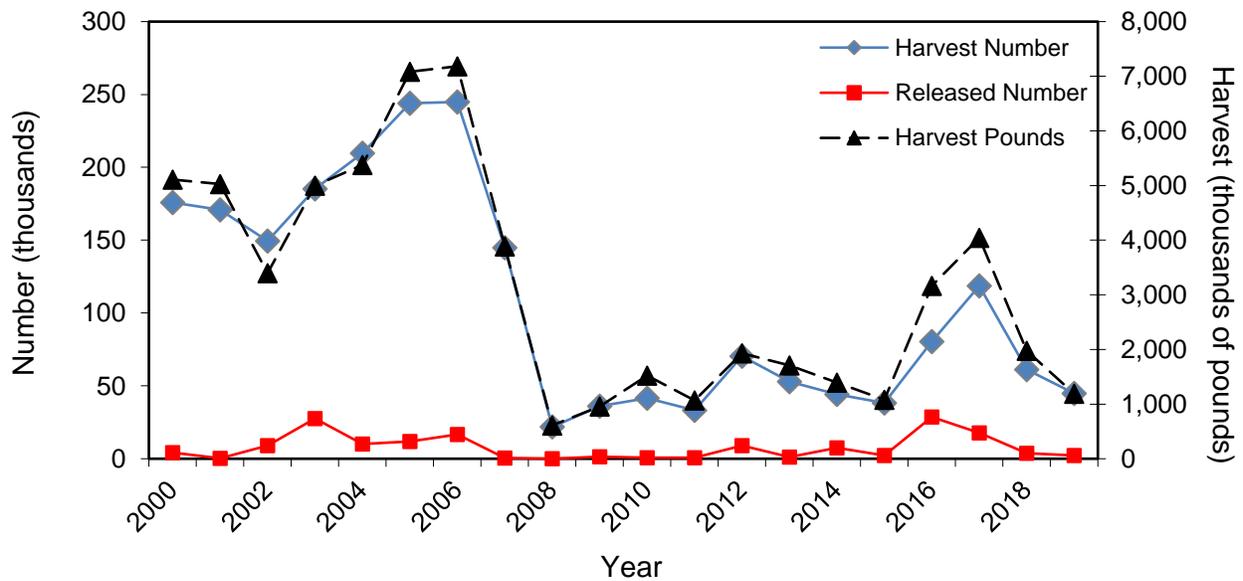
State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	78,808	53.9	88,164	53.6	11.0	1.1	51,294	58.4
Florida	337,076	32.6	194,853	30.9	10.3	0.8	298,981	26.2
Georgia	649	69.7	1,907	84.2	13.7	2.9	-	-
South Carolina	55,322	51.0	51,819	37.2	10.1	0.9	55,896	44.3



**Figure III.60 White Grunt recreational catch by state, 2019.**

**Table III.66 Yellowfin Tuna recreational catch in North Carolina by year.**

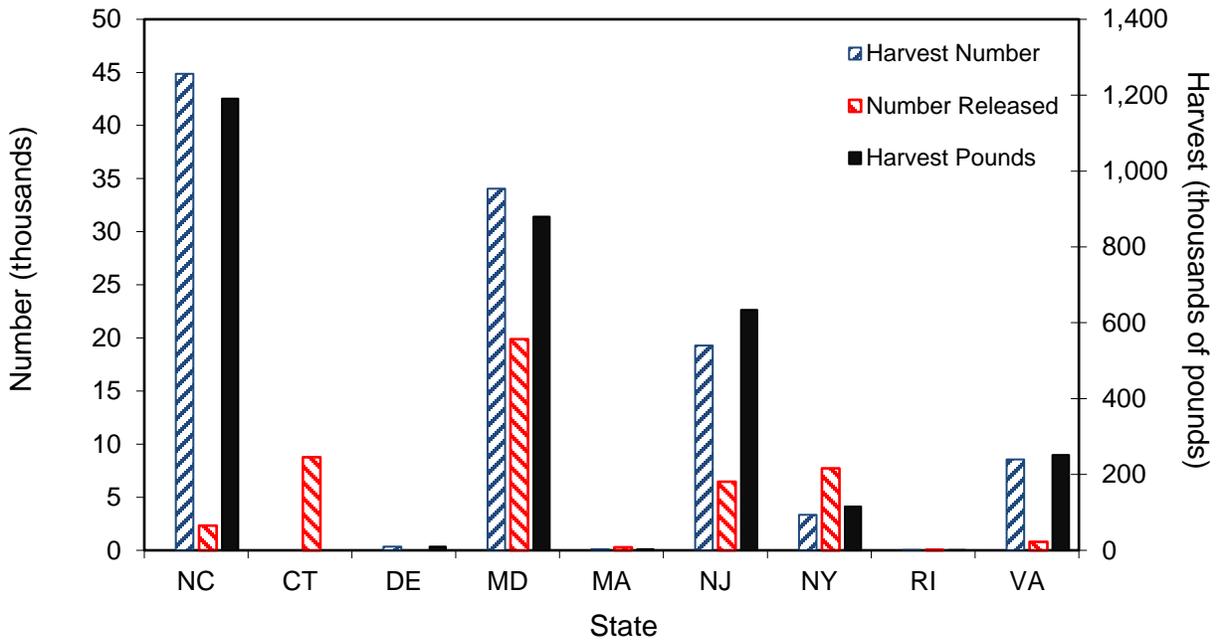
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	44,864	20.4	1,190,484	20.0	33.9	26.5	2,333	53.2
2018	61,171	31.3	1,977,741	27.1	36.2	32.3	3,739	46.0
2017	118,659	22.2	4,040,504	20.2	37.7	34.1	17,812	29.2
2016	80,458	23.2	3,164,911	24.1	39.3	39.3	28,643	63.7
2015	38,199	25.2	1,079,798	24.5	35.0	28.3	2,196	44.0
2014	44,151	24.8	1,392,966	24.8	36.5	31.6	7,460	36.7
2013	52,907	18.1	1,705,605	19.5	37.0	32.2	1,229	51.4
2012	70,288	24.2	1,929,343	23.8	34.8	27.4	8,975	49.5
2011	33,360	26.2	1,066,616	25.0	37.0	32.0	663	63.3
2010	41,652	28.4	1,521,261	29.5	39.6	36.5	767	56.8
2009	36,066	26.0	959,832	23.1	34.4	26.6	1,472	82.8
2008	21,824	31.9	610,660	31.1	34.5	28.0	65	74.1
2007	144,826	24.3	3,886,004	22.3	35.1	26.8	499	86.1
2006	244,825	18.2	7,182,919	18.3	35.6	29.3	16,727	33.8
2005	243,895	21.5	7,080,724	23.9	35.5	29.0	11,865	31.6
2004	209,747	22.0	5,379,213	19.5	33.8	25.6	10,183	29.0
2003	185,148	19.5	4,997,756	20.5	33.3	27.0	27,510	36.1
2002	149,407	27.0	3,396,466	25.5	32.2	22.7	8,926	67.8
2001	170,808	17.2	5,028,308	16.8	34.5	29.4	238	54.6
2000	175,812	17.5	5,110,592	17.7	35.2	29.1	4,245	40.8



**Figure III.61 Yellowfin Tuna recreational catch in North Carolina by year.**

**Table III.67 Yellowfin Tuna recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	44,864	20.4	1,190,484	20.0	33.9	26.5	2,333	53.2
Connecticut	-	-	-	-	-	-	8,768	84.4
Delaware	344	97.1	9,825	97.1	34.6	28.5	-	-
Maryland	34,064	45.1	879,311	45.9	33.4	25.8	19,885	62.4
Massachusetts	93	49.7	2,880	49.7	32.3	30.9	275	57.1
New Jersey	19,275	49.7	633,782	46.0	36.4	32.9	6,466	62.4
New York	3,333	89.0	115,059	89.4	37.1	34.5	7,706	67.7
Rhode Island	16	91.1	493	91.1	32.3	30.9	8	91.1
Virginia	8,561	48.9	251,379	48.5	34.8	29.4	790	100.9

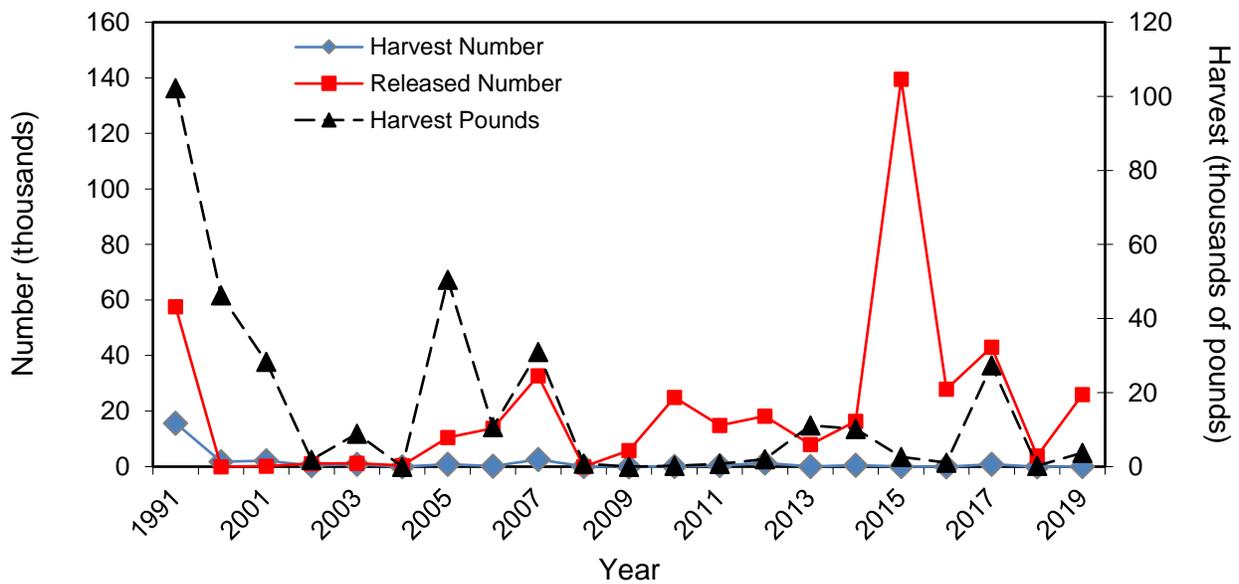


**Figure III.62 Yellowfin Tuna recreational catch by state, 2019.**

**Table III.68 Large coastal shark recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) <sup>13</sup>	Mean Weight (lb) <sup>13</sup>	Released Number	PSE (release)
2019	60	72.1	3,745	72.1	-	-	26,010	44.0
2018	7	95.8	235	95.8	-	-	3,845	70.4
2017	910	79.6	27,367	83.4	-	-	43,041	43.7
2016	12	101.0	1,100	101.0	-	-	27,885	54.3
2015	25	72.8	2,667	101.3	-	-	139,486	66.1
2014	556	89.4	10,194	91.4	-	-	16,306	42.2
2013	59	113.4	11,128	113.4	-	-	7,976	39.7
2012	1,283	99.7	1,997	70.7	-	-	18,205	77.8
2011	474	100.0	732	100.0	-	-	14,797	88.8
2010	120	102.8	211	102.8	-	-	24,902	56.9
2009	-	-	-	-	-	-	5,837	96.3
2008	51	103.6	794	103.6	-	-	-	-
2007	2,543	68.0	30,985	69.7	-	-	32,680	45.0
2006	187	101.3	10,744	101.3	-	-	13,825	66.2
2005	859	95.6	50,494	95.6	-	-	10,540	50.2
2004	-	-	-	-	-	-	411	99.9
2003	863	67.0	8,931	65.3	-	-	1,177	70.2
2002	442	98.7	1,837	98.7	-	-	1,134	69.3
2001	2,166	87.6	28,312	56.8	-	-	163	87.2
2000	1,764	50.1	46,249	63.2	-	-	-	-

<sup>13</sup> Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

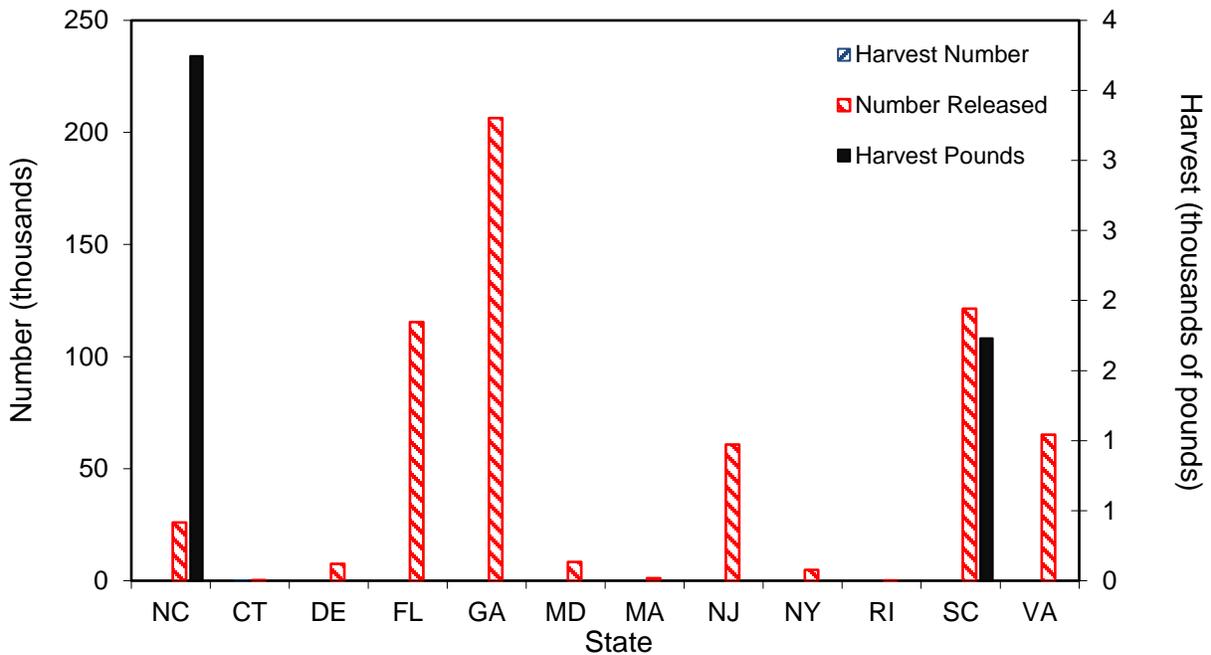


**Figure III.63 Large coastal shark recreational catch in North Carolina by year.**

**Table III.69 Large coastal shark recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) <sup>13</sup>	Mean Weight (lb) <sup>13</sup>	Released Number	PSE (release)
North Carolina	60	72.1	3,745	72.1	-	-	26,010	44.0
Connecticut	-	-	-	-	-	-	300	105.2
Delaware	-	-	-	-	-	-	7,464	36.2
Florida	-	-	-	-	-	-	115,387	27.2
Georgia	-	-	-	-	-	-	206,370	35.3
Maryland	-	-	-	-	-	-	8,393	60.8
Massachusetts	-	-	-	-	-	-	1,074	90.9
New Jersey	-	-	-	-	-	-	60,689	45.4
New York	-	-	-	-	-	-	4,788	66.7
Rhode Island	-	-	-	-	-	-	28	107.2
South Carolina	157	95.5	1,730	95.5	-	-	121,404	30.2
Virginia	792	73.9	-	-	-	-	65,187	53.4

<sup>13</sup> Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

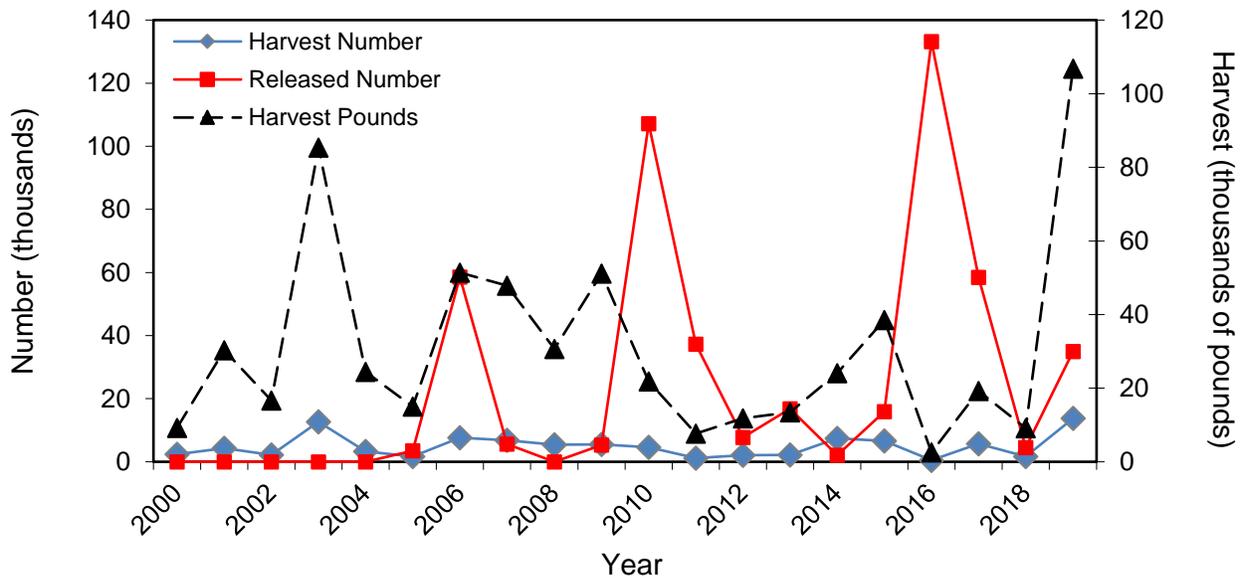


**Figure III.64 Large coastal shark recreational catch by state, 2019.**

**Table III.70 Small coastal shark recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) <sup>13</sup>	Mean Weight (lb) <sup>13</sup>	Released Number	PSE (release)
2019	13,736	70.8	106,765	75.8	-	-	34,952	36.1
2018	1,678	38.9	9,097	40.9	-	-	4,496	39.5
2017	5,768	56.5	19,256	42.3	-	-	58,440	60.5
2016	514	66.6	2,545	63.4	-	-	133,214	57.0
2015	6,656	41.3	38,499	44.3	-	-	15,866	70.4
2014	7,420	56.7	24,060	43.9	-	-	2,043	57.5
2013	2,171	45.9	13,474	48.0	-	-	16,772	42.1
2012	2,082	47.5	11,804	48.4	-	-	7,733	43.5
2011	1,209	42.5	7,659	44.0	-	-	37,276	33.1
2010	4,654	46.5	21,878	37.1	-	-	107,135	66.6
2009	5,532	41.1	51,183	48.7	-	-	5,334	62.7
2008	5,421	62.9	30,675	60.8	-	-	-	-
2007	6,784	50.9	47,902	48.9	-	-	5,631	72.2
2006	7,640	69.9	51,377	68.8	-	-	58,571	38.8
2005	1,682	90.4	15,014	92.5	-	-	3,519	81.2
2004	3,291	58.0	24,421	59.8	-	-	-	-
2003	12,658	72.7	85,339	67.2	-	-	-	-
2002	2,184	46.7	16,620	48.9	-	-	-	-
2001	4,285	43.8	30,301	44.8	-	-	-	-
2000	2,428	73.8	9,193	65.6	-	-	-	-

<sup>13</sup> Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

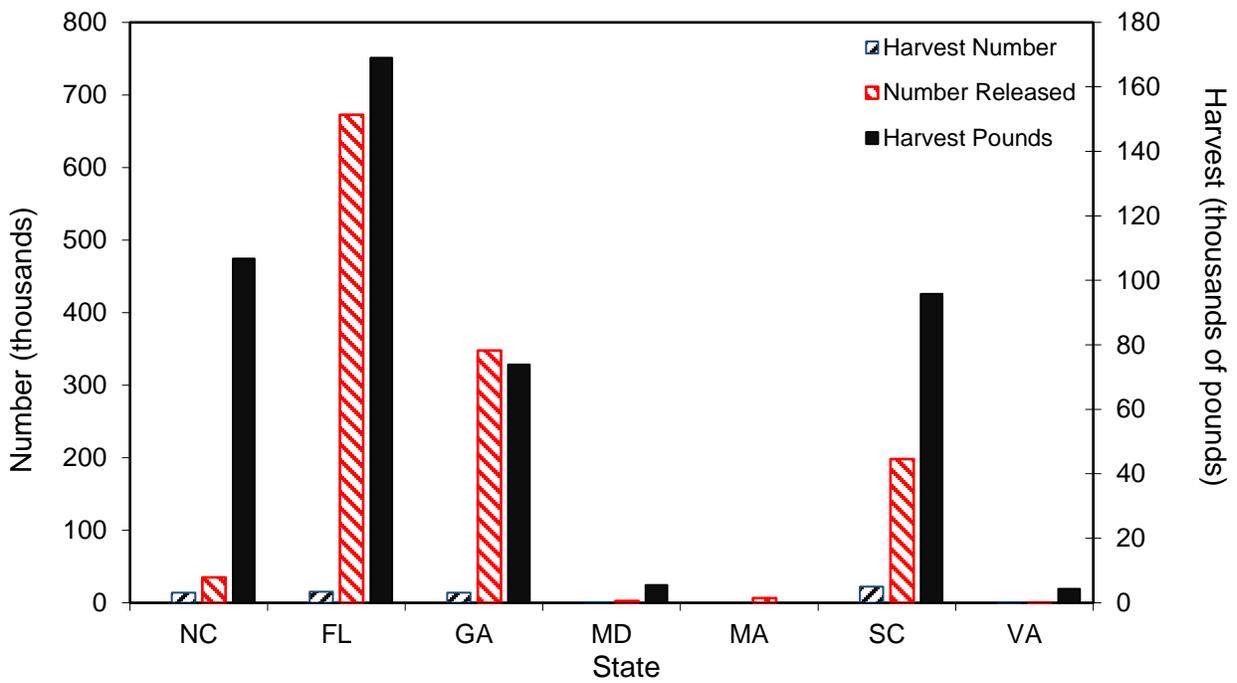


**Figure III.65 Small coastal shark recreational catch in North Carolina by year.**

**Table III.71 Small coastal shark recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) <sup>13</sup>	Mean Weight (lb) <sup>13</sup>	Released Number	PSE (release)
North Carolina	13,736	70.8	106,765	75.8	-	-	34,952	36.1
Florida	15,359	58.6	168,987	73.2	-	-	672,569	40.8
Georgia	13,753	43.2	73,923	50.7	-	-	347,683	17.0
Maryland	686	79.9	5,546	79.7	-	-	2,380	98.8
Massachusetts	-	-	-	-	-	-	6,290	95.9
South Carolina	22,315	29.1	95,826	31.6	-	-	198,312	15.5
Virginia	559	99.3	4,311	99.3	-	-	226	73.7

<sup>13</sup> Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

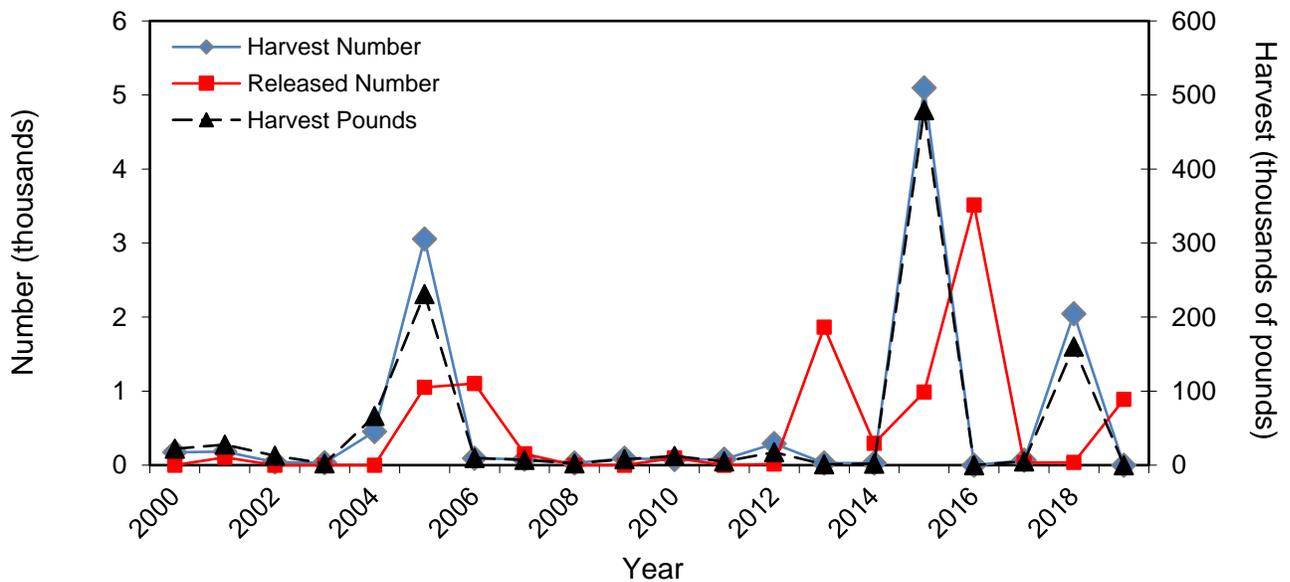


**Figure III.66 Small coastal shark recreational catch by state, 2019.**

**Table III.72 Pelagic shark recreational catch in North Carolina by year.**

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) <sup>13</sup>	Mean Weight (lb) <sup>13</sup>	Released Number	PSE (release)
2019	-	-	-	-	-	-	888	65.7
2018	2,043	73.1	160,155	73.1	-	-	38	63.0
2017	66	64.1	4,917	62.2	-	-	33	86.2
2016	-	-	-	-	-	-	3,512	79.0
2015	5,097	76.1	479,443	75.9	-	-	987	91.8
2014	26	54.6	2,082	51.5	-	-	296	110.5
2013	28	100.8	1,219	100.8	-	-	1,865	97.1
2012	291	76.7	17,323	73.6	-	-	13	98.3
2011	78	76.4	4,803	68.0	-	-	-	-
2010	77	83.2	12,324	88.1	-	-	96	99.2
2009	91	58.8	8,123	57.5	-	-	-	-
2008	28	81.4	2,536	81.4	-	-	-	-
2007	78	74.3	7,223	74.9	-	-	151	109.9
2006	93	55.2	9,605	64.6	-	-	1,103	94.7
2005	3,052	97.6	231,185	96.9	-	-	1,049	89.1
2004	452	88.8	66,257	91.5	-	-	-	-
2003	31	101.3	2,418	101.3	-	-	-	-
2002	40	76.6	12,764	90.9	-	-	-	-
2001	182	44.0	27,610	43.0	-	-	107	100.4
2000	173	47.9	22,234	61.0	-	-	-	-

<sup>13</sup> Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

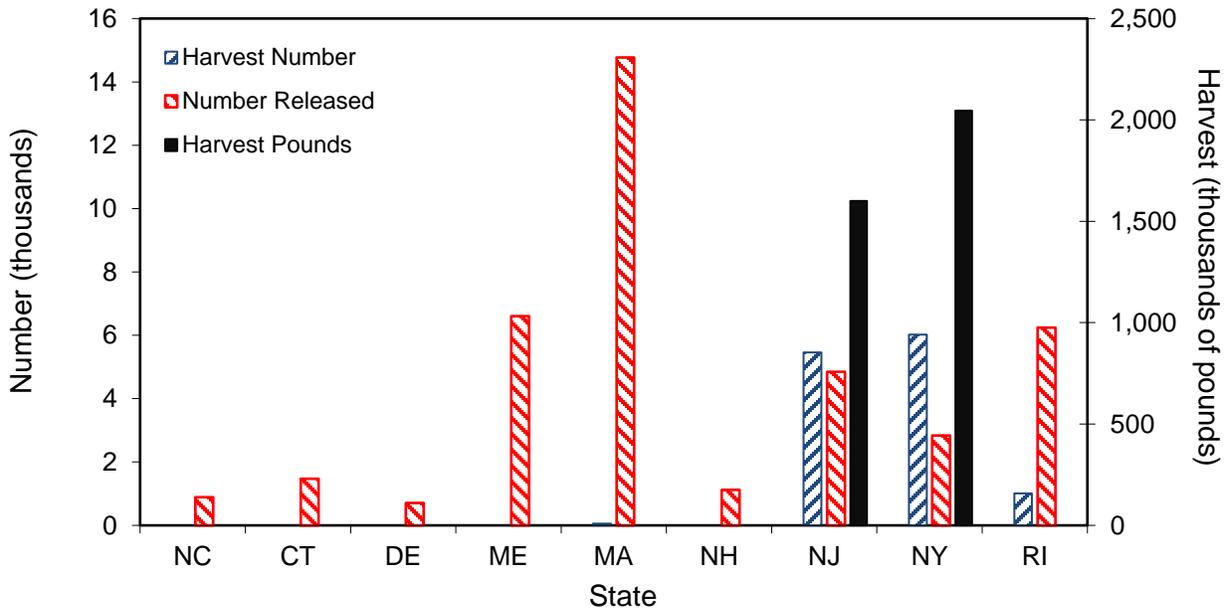


**Figure III.67 Pelagic shark recreational catch in North Carolina by year.**

**Table III.73 Pelagic shark recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) <sup>13</sup>	Mean Weight (lb) <sup>13</sup>	Released Number	PSE (release)
North Carolina	-	-	-	-	-	-	888	65.7
Connecticut	-	-	-	-	-	-	1,474	80.5
Delaware	-	-	-	-	-	-	703	73.2
Maine	-	-	-	-	-	-	6,600	63.3
Massachusetts	52	58.7	-	-	-	-	14,772	44.4
New Hampshire	-	-	-	-	-	-	1,121	63.3
New Jersey	5,462	85.9	1,599,761	75.6	-	-	4,845	42.3
New York	6,022	48.6	2,045,883	43.5	-	-	2,833	53.8
Rhode Island	1,006	93.8	-	-	-	-	6,245	70.2

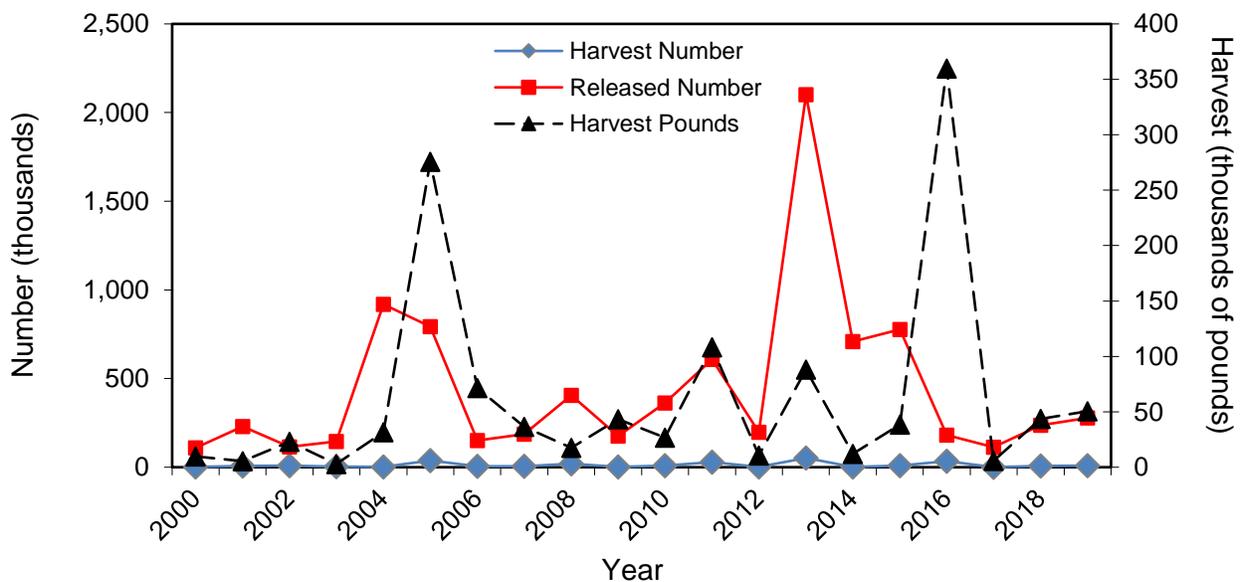
<sup>13</sup> Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.



**Figure III.68 Pelagic shark recreational catch by state, 2019.**

**Table III.74 Dogfish shark family recreational catch in North Carolina by year.**

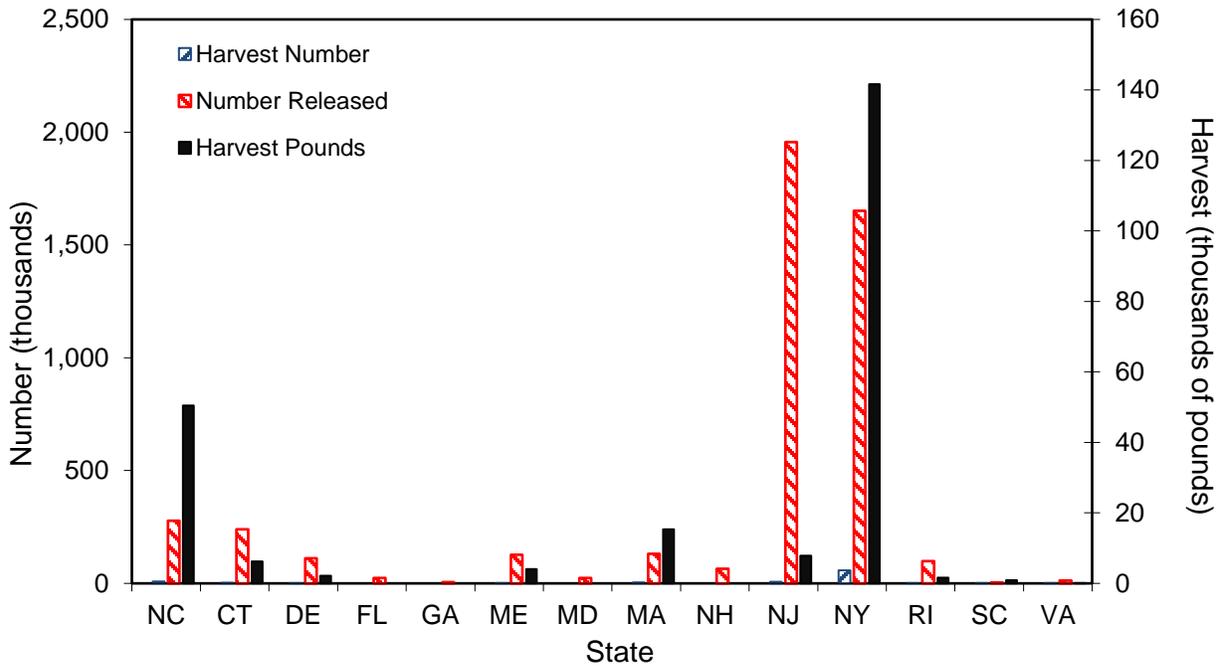
Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
2019	8,962	56.3	50,477	60.3	-	-	277,815	37.2
2018	7,514	74.1	43,732	80.5	-	-	237,213	62.4
2017	683	84.5	5,616	87.0	-	-	113,453	42.2
2016	33,490	63.0	359,844	64.0	-	-	181,165	30.9
2015	8,314	61.7	38,340	76.7	-	-	777,052	43.9
2014	1,992	88.2	11,978	90.4	-	-	709,206	29.4
2013	52,026	77.6	88,216	71.4	-	-	2,100,519	39.9
2012	1,600	75.7	10,522	82.4	-	-	197,177	33.4
2011	28,719	43.1	108,348	43.5	-	-	607,971	24.8
2010	8,859	46.0	26,626	45.5	-	-	362,012	22.0
2009	2,000	81.1	43,216	81.1	-	-	175,626	45.6
2008	20,340	69.2	17,414	66.5	-	-	405,531	55.6
2007	5,405	100.9	36,342	100.9	-	-	187,272	34.4
2006	5,775	56.6	71,369	65.1	-	-	150,924	27.1
2005	37,180	64.9	275,611	64.5	-	-	792,947	75.0
2004	2,574	78.8	31,524	75.2	-	-	919,204	33.2
2003	3,105	88.8	2,958	98.3	-	-	145,851	59.5
2002	8,675	87.3	22,922	83.4	-	-	115,577	30.5
2001	6,843	99.8	5,374	99.8	-	-	229,402	29.6
2000	1,151	88.2	9,693	87.6	-	-	109,351	33.0



**Figure III.69 Dogfish shark family recreational catch in North Carolina by year.**

**Table III.75 Dogfish shark family recreational catch by state, 2019.**

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	8,962	56.3	50,477	60.3	-	-	277,815	37.2
Connecticut	2,888	42.5	6,195	60.8	-	-	239,919	21.8
Delaware	695	58.2	2,146	79.5	-	-	111,567	36.8
Florida	-	-	-	-	-	-	23,844	112.5
Georgia	-	-	-	-	-	-	5,272	103.0
Maine	864	114.7	4,073	114.7	-	-	127,160	41.1
Maryland	-	-	-	-	-	-	24,174	81.9
Massachusetts	4,677	41.3	15,352	45.6	-	-	131,110	34.8
New Hampshire	-	-	-	-	-	-	64,885	62.4
New Jersey	7,217	74.8	7,864	48.9	-	-	1,956,304	19.5
New York	57,440	33.6	141,652	40.1	-	-	1,651,428	17.4
Rhode Island	1,007	56.3	1,658	79.8	-	-	98,844	24.1
South Carolina	361	98.9	874	98.9	-	-	4,677	67.7
Virginia	19	59.8	61	51.7	-	-	13,144	50.1



**Figure III.70 Dogfish shark family recreational catch by state, 2019.**

**Table III.76 Reported North Carolina highly migratory species landings (numbers).**

Year	Blue Marlin	White Marlin	Sailfish	Swordfish	Total
2019	28	0	8	66	102
2018	28	1	9	10	48
2017	16	3	3	5	27
2016	23	0	4	6	33
2015	23	2	0	0	25
2014	15	0	0	0	15
2013	10	0	3	0	13
2012	20	0	0	1	21
2011	9	3	2	0	14
2010	14	2	1	0	17
2009	11	0	0	2	13
2008	24	1	0	0	25
2007	4	0	0	2	6
2006	12	0	0	0	12
2005	14	0	0	0	14

**Table III.77 Reported North Carolina recreational Atlantic Bluefin Tuna landings<sup>14</sup> (numbers).**

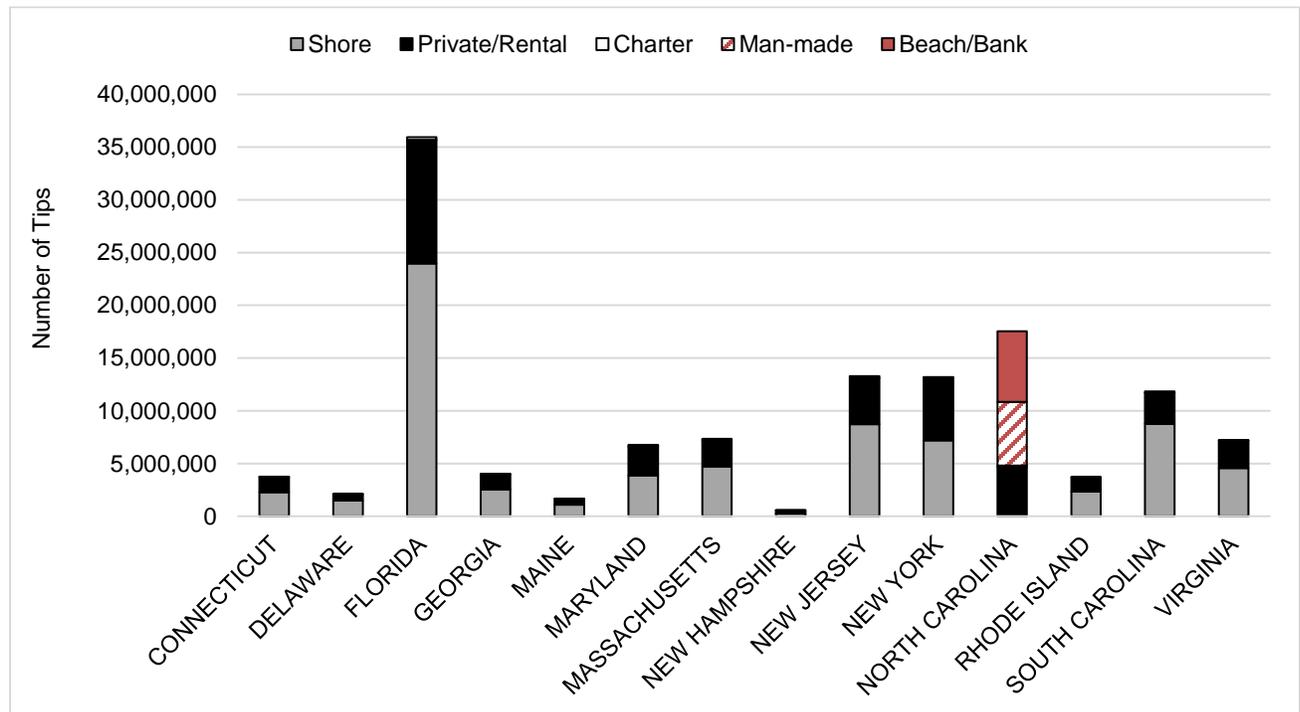
Year	Manteo/ Oregon Inlet	Hatteras	Ocracoke	Morehead City	Wilmington South	Call-In	Total
2019	50	0	0	0	0	19	61
2018	32	0	0	0	0	1	33
2017	37	2	0	0	0	-	39
2016	62	10	0	0	0	2	74
2015	28	13	0	0	0	3	44
2014	62	3	0	2	0	2	69
2013	150	48	0	0	0	3	201
2012	143	40	1	0	2	3	189
2011	158	164	0	0	0	6	328
2010	378	193	0	0	0	8	579
2009	79	55	0	0	0	1	135
2008	72	51	0	8	0	1	132
2007	122	41	0	9	3	0	175
2006	0	13	0	13	5	0	31
2005	0	1	0	29	0	0	30
2004	0	0	0	19	0	1	20
2003	0	7	0	86	6	0	99
2002	1	10	4	64	3	0	82
2001	1	63	1	205	20	3	293
2000	0	339	8	147	87	9	590

<sup>14</sup> Does not include trophy category.

**Table III.78 Atlantic Coast saltwater fishing trips by state and mode, 2019.**

State	Number of Trips					Total
	Shore <sup>15</sup>	Private & Rental	Charter	Man Made <sup>15</sup>	Beach/Bank <sup>15</sup>	
Connecticut	2,272,146	1,452,664	13,383	-	-	3,738,193
Delaware	1,490,673	595,707	7,283	-	-	2,093,663
Florida	23,964,989	11,703,101	261,915	-	-	35,930,005
Georgia	2,538,975	1,454,978	26,641	-	-	4,020,594
Maine	1,086,950	562,040	15,333	-	-	1,664,323
Maryland	3,857,179	2,755,601	164,847	-	-	6,777,627
Massachusetts	4,712,501	2,510,764	114,702	-	-	7,337,967
New Hampshire	259,526	301,098	17,760	-	-	578,384
New Jersey	8,731,685	4,356,752	185,960	-	-	13,274,397
New York	7,193,913	5,952,485	33,909	-	-	13,180,307
North Carolina	-	4,646,520	160,692	6,021,580	6,711,048	17,539,840
Rhode Island	2,320,516	1,384,014	18,053	-	-	3,722,583
South Carolina	8,760,364	2,948,966	129,226	-	-	11,838,556
Virginia	4,549,827	2,651,161	17,923	-	-	7,218,911

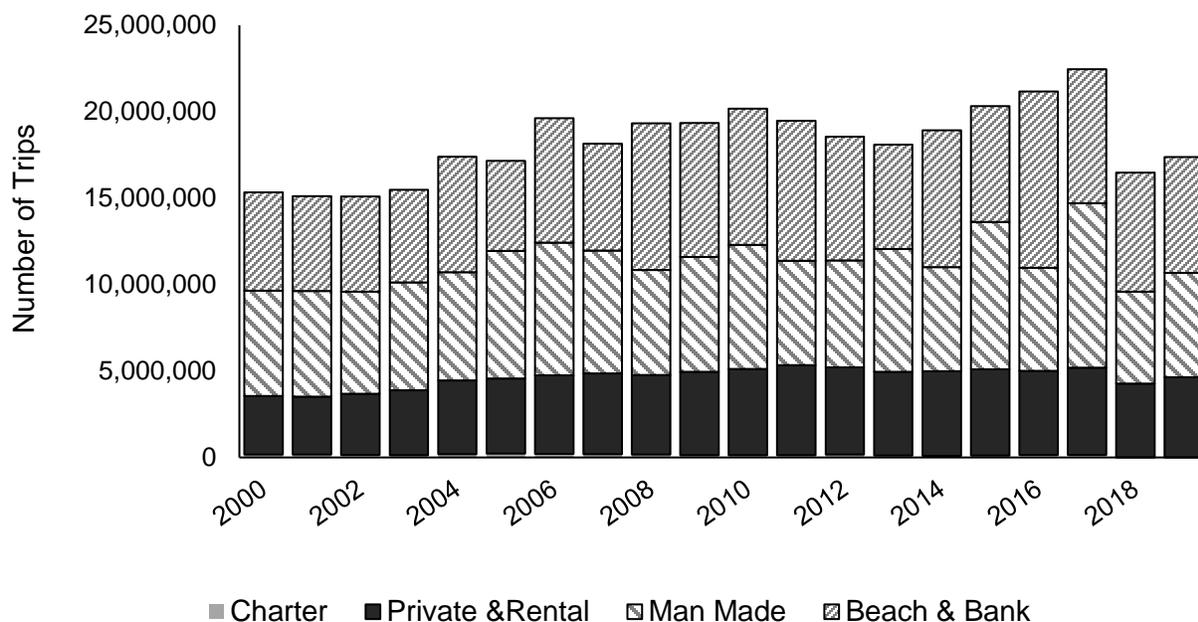
<sup>15</sup> Shore mode is separated into manmade and beach/bank in North Carolina only.



**Figure III.71 Atlantic Coast saltwater fishing trips by state and mode, 2019.**

**Table III.79 Marine recreational fishing trips in North Carolina by mode.**

Year	Number of Trips								
	Charter	PSE	Private & Rental	PSE	Man Made	PSE	Beach & Bank	PSE	Total
2019	160,692	5.4	4,646,520	4.4	6,021,580	7.8	6,711,048	10.0	17,539,840
2018	148,004	6.0	4,279,389	5.0	5,317,495	7.1	6,879,419	12.2	16,624,306
2017	149,438	6.3	5,044,731	7.9	9,512,489	7.8	7,745,619	11.2	22,452,276
2016	140,575	6.5	4,860,391	5.8	5,970,329	6.4	10,187,550	8.7	21,158,845
2015	114,043	11.6	4,992,920	5.7	8,516,390	6.4	6,699,488	15.4	20,322,840
2014	96,432	6.1	4,895,957	5.1	6,014,374	6.1	7,919,735	7.3	18,926,498
2013	111,366	5.6	4,847,955	4.4	7,097,673	5.3	6,028,869	6.2	18,085,863
2012	159,160	9.1	5,054,638	4.2	6,184,923	5.0	7,156,627	3.5	18,555,347
2011	129,380	9.0	5,212,669	4.3	6,040,312	4.6	8,086,490	4.3	19,468,851
2010	138,577	5.1	4,982,732	3.8	7,174,395	4.2	7,877,619	3.9	20,173,322
2009	129,412	6.0	4,822,295	4.1	6,642,257	6.0	7,751,222	7.6	19,345,187
2008	170,428	7.2	4,599,900	3.8	6,067,854	6.5	8,489,916	6.3	19,328,098
2007	185,618	6.4	4,671,856	3.9	7,105,305	7.0	6,183,367	6.6	18,146,146
2006	201,368	6.1	4,542,632	3.7	7,671,720	7.4	7,199,224	7.1	19,614,943
2005	214,826	10.1	4,359,576	4.2	7,369,215	8.6	5,206,759	9.4	17,150,375
2004	183,039	6.4	4,276,395	4.4	6,245,702	8.3	6,695,734	5.8	17,400,870
2003	131,566	14.6	3,746,771	3.6	6,243,796	5.6	5,353,909	5.3	15,476,042
2002	142,644	12.3	3,539,123	4.1	5,913,968	5.7	5,501,125	5.0	15,096,860
2001	160,791	12.9	3,363,853	3.4	6,105,185	6.2	5,479,658	4.6	15,109,487
2000	164,116	12.4	3,388,516	3.8	6,088,224	5.7	5,687,088	3.8	15,327,944



**Figure III.72 Marine recreational fishing trips in North Carolina by mode.**

**Appendix III.1 NCDMF highly migratory species reporting stations.**

<b>Reporting Station</b>	<b>Location</b>	<b>Phone</b>
Anchorage Marina	Atlantic Beach	252-928-6661
Captain Stacy's Fishing Center	Atlantic Beach	252-726-4675
Seawater Marina	Atlantic Beach	252-726-1637
Olde Towne Yacht Club	Beaufort	252-726-3066
Town Creek Marina	Beaufort	252-728-6111
Hurricane Fishing Center	Calabash	910-579-3660
Harker's Island Fishing Center	Harker's Island	252-728-3907
Hatteras Harbor Marina	Hatteras	252-986-2166
Oden's Dock	Hatteras	252-986-2555
Teach's Lair Marina	Hatteras	252-986-2460
Holden Beach Marina	Holden Beach	910-842-5447
Oregon Inlet Fishing Center	Manteo	252-441-6301
Pirates Cove	Manteo	252-473-3906
Shallowbag Bay Marina	Manteo	252-305-8726
Carolina Princess	Morehead City	252-726-5479
Portside Marina	Morehead City	252-726-7678
Ocean Isle Fishing Center	Ocean Isle	910-575-3474
Anchorage Marina	Ocracoke	252-726-4423
Southport Marina	Southport	910-457-9900
Outer Banks Marina	Wanchese	252-473-9991
Creekside Yacht Club	Wilmington	910-350-0023
Bridge Tender Marina	Wrightsville Beach	910-256-6550
DMF Technician	Mobile	N/A
DMF Call-in	Mobile	800-682-2632





Appendix III.3 North Carolina Fishing Effort Survey.

**HOUSEHOLD MEMBER 4**

**11** What is this person's gender?  
 Male  
 Female

**12** How old is this person?  
*If less than 1 year, mark 0 years*  
  Age in years

**13** Is this person of Hispanic, Latino, or Spanish origin?  
 Yes, of Hispanic origin  
 No, not of Hispanic origin

**14** What is this person's race? Mark one or more boxes.  
 White  
 Black, African-American  
 Asian  
 American Indian or Alaska Native  
 Native Hawaiian or other Pacific Islander

Please think only about recreational saltwater fishing in North Carolina.

**15** How many days did this person go recreational saltwater fishing from the SHORE in North Carolina?  
*The shore includes docks, bridges, causeways, beaches, banks, or any other shore-based place or area. Do not include freshwater fishing.*  
 Did not recreational saltwater fish from shore in last 12 months → **Go to question 16**  
  Number of days saltwater shore fishing in January and February of 2018  
   Number of days saltwater shore fishing in last 12 months, including January and February

**16** How many days did this person go recreational saltwater fishing from a private or rental BOAT that returned to shore in North Carolina?  
*Do not include freshwater trips or trips where a paid captain or crew helped locate and catch fish.*  
 Did not recreational saltwater fish from private boat in last 12 months  
  Number of days saltwater boat fishing in January and February of 2018  
   Number of days saltwater boat fishing in last 12 months, including January and February

If you have more people in your household, continue to Household Member 5. If you have answered for all people in your household, please return your survey.

**HOUSEHOLD MEMBER 5**

**11** What is this person's gender?  
 Male  
 Female

**12** How old is this person?  
*If less than 1 year, mark 0 years*  
  Age in years

**13** Is this person of Hispanic, Latino, or Spanish origin?  
 Yes, of Hispanic origin  
 No, not of Hispanic origin

**14** What is this person's race? Mark one or more boxes.  
 White  
 Black, African-American  
 Asian  
 American Indian or Alaska Native  
 Native Hawaiian or other Pacific Islander

Please think only about recreational saltwater fishing in North Carolina.

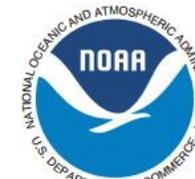
**15** How many days did this person go recreational saltwater fishing from the SHORE in North Carolina?  
*The shore includes docks, bridges, causeways, beaches, banks, or any other shore-based place or area. Do not include freshwater fishing.*  
 Did not recreational saltwater fish from shore in last 12 months → **Go to question 16**  
  Number of days saltwater shore fishing in January and February of 2018  
   Number of days saltwater shore fishing in last 12 months, including January and February

**16** How many days did this person go recreational saltwater fishing from a private or rental BOAT that returned to shore in North Carolina?  
*Do not include freshwater trips or trips where a paid captain or crew helped locate and catch fish.*  
 Did not recreational saltwater fish from private boat in last 12 months  
  Number of days saltwater boat fishing in January and February of 2018  
   Number of days saltwater boat fishing in last 12 months, including January and February

Please return your survey in the enclosed postage-paid envelope.  
 RTI International  
 5265 Capital Boulevard, Raleigh NC 27690-1652

# North Carolina

## Weather and Outdoor Activity Survey



Public reporting burden for this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other suggestions for reducing this burden to Rob Andrews, NOAA Fisheries Service, 1315 East-West Hwy., Silver Spring, MD 20910.

No personally identifiable information will be collected through this survey. Responses will only be associated with a unique, randomly assigned identification code. Any public release of survey data will be without identification as to its source or in aggregate statistical form. All survey data will be stored on secured, password protected servers, and all transfer of survey data will utilize secure file transfer protocols.

### Appendix III.3 North Carolina Fishing Effort Survey (continued).

This survey should be filled out by an adult member of the household. Complete and return this form even if no one in your household participates in any of these activities.

**START HERE**

Please carefully follow the steps below when completing this survey.

**Example**

• Use only a blue or black ink pen that does not blot the paper

• Make solid marks inside the response boxes

• Do not make other marks on the survey

**RIGHT WAY**  **WRONG WAY**

**1** How do members of this household obtain information about the weather, including current weather conditions, forecasts, and warnings? Mark all that apply.

Television  
 Radio  
 Newspaper  
 Internet  
 Other

**2** During the past 12 months, has anyone in this household had to evacuate or seek shelter due to a severe weather event, such as a tornado, hurricane, or thunderstorm?

Yes  
 No

**3** In your area, how often do the advanced warnings you get for severe weather events allow you enough time to prepare properly?

All the Time  
 Some of the time  
 Rarely  
 Never

**4** During the past 12 months, has anyone in this household visited a public beach, national seashore, coastal state park, or other coastal nature reserve or protected area?

Yes  
 No

**5** During the past 12 months, has anyone in this household been freshwater fishing in North Carolina?

Yes  
 No

**6** During the past 12 months, has anyone in this household been saltwater fishing in North Carolina?

Yes  
 No

**7** Which of the following best describes how your household receives telephone calls?

All are received on cell phones  
 Most are received on cell phones  
 Some are received on cell phones and some on landline phones  
 Most are received on landline phones  
 All are received on landline phones  
 No calls are received on cell phones or landline phones

**8** Which of the following best describes this house, apartment, or mobile home?

Owned with a mortgage or loan  
 Owned (without a mortgage)  
 Rented  
 Occupied without payment or rent

**9** How long have you lived at this address?

1 year or less  
 Less than 5 years, more than 1 year  
 5 years or more

**10** How many people, including all adults and children, live in this household?

Number of people

Please answer the next section for each member of your household, starting with yourself. Please answer for all people in your home, including people who fish and people who do not fish.

If you have more than 5 people living at this address, answer for the oldest members of the household.

Please use the calendars to help answer questions 15 and 16.

January							February						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6		1	2	3			
7	8	9	10	11	12	13	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28			

### HOUSEHOLD MEMBER 1 (YOU)

**11** What is your gender?

Male  
 Female

**12** How old are you?  
*If less than 1 year, mark 0 years*

Age in years

**13** Are you of Hispanic, Latino, or Spanish origin?

Yes, of Hispanic origin  
 No, not of Hispanic origin

**14** What is your race? Mark one or more boxes.

White  
 Black, African-American  
 Asian  
 American Indian or Alaska Native  
 Native Hawaiian or other Pacific Islander

Please think only about recreational saltwater fishing in North Carolina.

**15** How many days did you go recreational saltwater fishing from the SHORE in North Carolina?

*The shore includes docks, bridges, causeways, beaches, banks, or any other shore-based place or area. Do not include freshwater fishing.*

Did not recreational saltwater fish from shore in last 12 months → **Go to question 16**

Number of days saltwater shore fishing in January and February of 2018

Number of days saltwater shore fishing in last 12 months, including January and February

**16** How many days did you go recreational saltwater fishing from a private or rental BOAT that returned to shore in North Carolina?

*Do not include freshwater trips or trips where a paid captain or crew helped locate and catch fish.*

Did not recreational saltwater fish from private boat in last 12 months

Number of days saltwater boat fishing in January and February of 2018

Number of days saltwater boat fishing in last 12 months, including January and February

If you have more people in your household, continue to Household Member 2. If you have answered for all people in your household, please return your survey.

### HOUSEHOLD MEMBER 2

**11** What is this person's gender?

Male  
 Female

**12** How old is this person?  
*If less than 1 year, mark 0 years*

Age in years

**13** Is this person of Hispanic, Latino, or Spanish origin?

Yes, of Hispanic origin  
 No, not of Hispanic origin

**14** What is this person's race? Mark one or more boxes.

White  
 Black, African-American  
 Asian  
 American Indian or Alaska Native  
 Native Hawaiian or other Pacific Islander

Please think only about recreational saltwater fishing in North Carolina.

**15** How many days did this person go recreational saltwater fishing from the SHORE in North Carolina?

*The shore includes docks, bridges, causeways, beaches, banks, or any other shore-based place or area. Do not include freshwater fishing.*

Did not recreational saltwater fish from shore in last 12 months → **Go to question 16**

Number of days saltwater shore fishing in January and February of 2018

Number of days saltwater shore fishing in last 12 months, including January and February

**16** How many days did this person go recreational saltwater fishing from a private or rental BOAT that returned to shore in North Carolina?

*Do not include freshwater trips or trips where a paid captain or crew helped locate and catch fish.*

Did not recreational saltwater fish from private boat in last 12 months

Number of days saltwater boat fishing in January and February of 2018

Number of days saltwater boat fishing in last 12 months, including January and February

If you have more people in your household, continue to Household Member 3. If you have answered for all people in your household, please return your survey.

### HOUSEHOLD MEMBER 3

**11** What is this person's gender?

Male  
 Female

**12** How old is this person?  
*If less than 1 year, mark 0 years*

Age in years

**13** Is this person of Hispanic, Latino, or Spanish origin?

Yes, of Hispanic origin  
 No, not of Hispanic origin

**14** What is this person's race? Mark one or more boxes.

White  
 Black, African-American  
 Asian  
 American Indian or Alaska Native  
 Native Hawaiian or other Pacific Islander

Please think only about recreational saltwater fishing in North Carolina.

**15** How many days did this person go recreational saltwater fishing from the SHORE in North Carolina?

*The shore includes docks, bridges, causeways, beaches, banks, or any other shore-based place or area. Do not include freshwater fishing.*

Did not recreational saltwater fish from shore in last 12 months → **Go to question 16**

Number of days saltwater shore fishing in January and February of 2018

Number of days saltwater shore fishing in last 12 months, including January and February

**16** How many days did this person go recreational saltwater fishing from a private or rental BOAT that returned to shore in North Carolina?

*Do not include freshwater trips or trips where a paid captain or crew helped locate and catch fish.*

Did not recreational saltwater fish from private boat in last 12 months

Number of days saltwater boat fishing in January and February of 2018

Number of days saltwater boat fishing in last 12 months, including January and February

If you have more people in your household, continue to Household Member 4. If you have answered for all people in your household, please return your survey.

#### **Appendix III.4 Glossary of terminology in MRIP survey.**

**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 Fishing Effort 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 Fishing Effort 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.

**Congener:** An organism of the same taxonomic genus as another.

**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:

1. **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.

2. **Private/Rental:** A boat belonging to an individual or one that is rented. No crew is provided; operated by the owner/renter.

3. **Headboat:** A boat operated by licensed captain usually carrying greater than seven anglers. Fees are paid on a per head (angler) basis.

4. **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 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:

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

## **Appendix III.5 Data elements in MRIP survey.**

### 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

### Fishing Effort Survey

- Gender
- Age
- Ethnicity
- Presence of marine recreational anglers in the household
- Number of anglers per household
- Fishing trips in 2-month period
- Fishing trips in 12-month period
- Mode of each trip

### Intercept Data

- Date, location, and site of interview
- Mode of fishing
- Tournament fishing status
- Fishing location
- Gear type
- Hours of fishing time
- Targeted species
- Number of days fished in last year
- State and county of residence
- Sex and age of angler
- Number and types of Type 2 fish (unavailable catch)
- Number of contributors and people in fishing party
- Length and weight of Type 3 fish (available catch)

### Expanded Data

- Estimated number of trips in a mode
- Percent of trips in a mode
- Number of trips in a specific mode and area
- Data on groups or types of fish caught in a mode or area
- Estimated numbers of Type A, B1, or B2 fishes caught or released (including variances)
- Estimated weights or lengths of specific types of fish (including variances)
- Number of interviews conducted in specific modes or sites by year, month, etc.
- Catch per trip (including variances)
- Mean weight and/or length of fish from a specific area, mode, etc.

## Chapter IV : CENTRAL AND SOUTHERN MANAGEMENT AREA RECREATIONAL FISHERY 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 and to the South Carolina state line. The areas surveyed in the CSMA include the Neuse, Trent, Tar/Pamlico, Cape Fear, and Pungo rivers (Figure IV.1). 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 into three segments; 1) all access points in Goldsboro and upstream were labeled as the upper zone, 2) sites on Contentnea Creek and downstream from Goldsboro to Core Creek were labeled the middle zone, and 3) the sites downstream from Core Creek were labeled the lower zone.

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 IV.1). 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 coinciding with anadromous species' spawning runs (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 to coincide with anadromous species' spawning runs. 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 to the 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, trip information and expenditures. The survey instrument used by creel clerks for interviews and assignment summary records are shown in Appendix IV.1 through Appendix IV.3.

## **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, in number of trips, over the CSMA and each individual zone and type of day were estimated in the same fashion, as were other extrapolated data. Targeted trips presented refer to trips where the angler explicitly identified their target species during the sampling interview. If multiple species were targeted, then a primary target species was designated (1<sup>st</sup> target; see Appendix IV.1). 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). Percent standard errors (PSE) for the year are presented by river system and zone. Monthly PSEs within river system and zone are available upon request. 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 9.4<sup>®</sup>. Beginning in 2012, the North Carolina 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.

*Please note: Estimates of catch and effort are expanded averages presented as whole numbers. Any inconsistency in the total catch and/or effort due to adding across rows or columns presented in this Chapter is due to rounding.*

### **Angler Demographics and Economic Analysis**

The CSMA Creel Survey socioeconomic questionnaire (Appendix IV.3) included questions to identify characteristics of the Striped Bass angling population. Demographics of anglers were reported according to age, residency, gender, ethnic background, and marital status, and are expressed as a percentage of the total angling population throughout the CSMA. Mean values were calculated for quantitative data. Results were further grouped by river and day type. Anglers were grouped as 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 expenditures across 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; therefore, they are not included within this report. The weighted mean of each expenditure was totaled to provide an average trip cost. The economic impact analysis can be found in Chapter VI.

#### **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, Maryland.

## 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.

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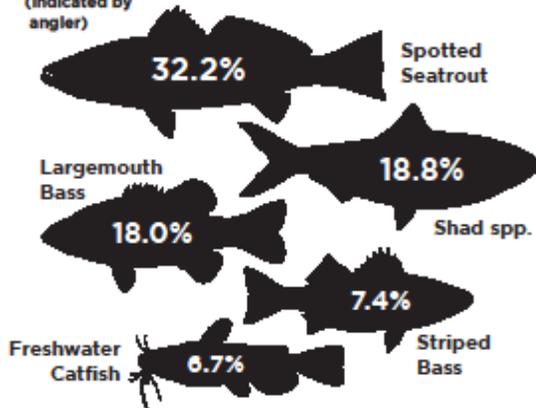
INFOGRAPHIC

**Central Southern Management Area**

**2019 Recreational Fishing Statistics**

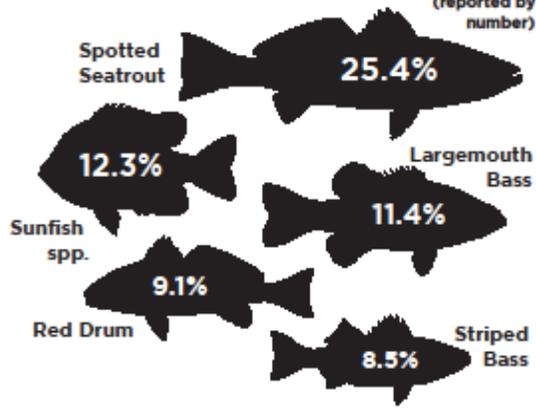
**Top 5 Targeted Species**

(Indicated by angler)



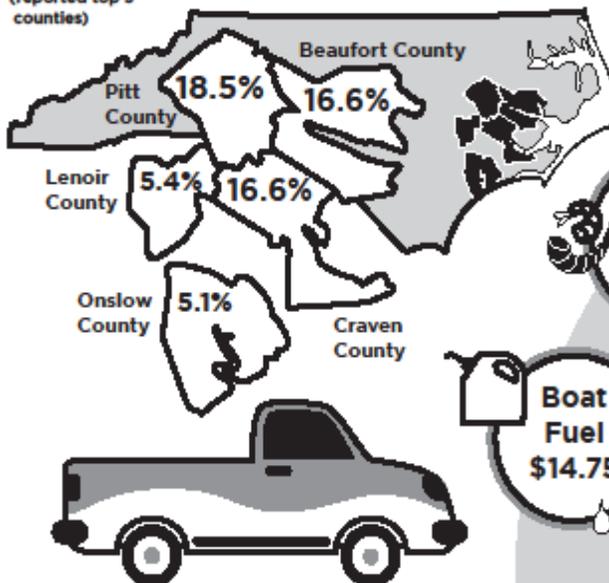
**Top 5 Caught Species**

(reported by number)



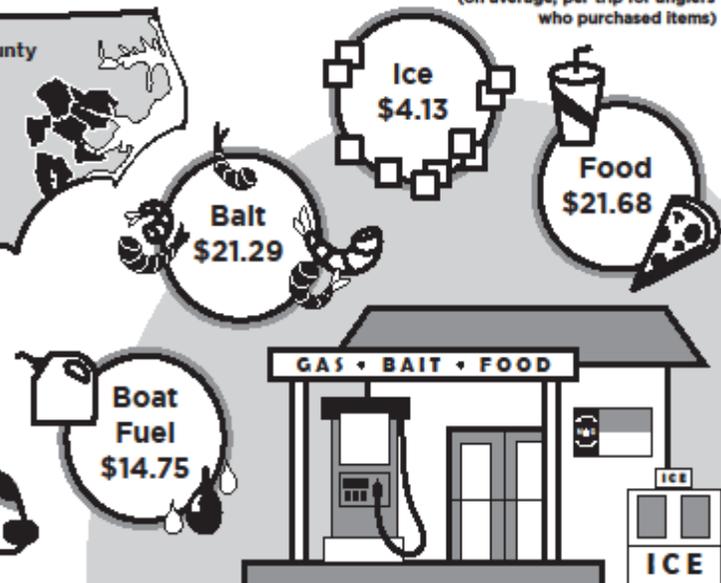
**Where are anglers from?**

(reported top 5 counties)



**How much do anglers spend?**

(on average, per trip for anglers who purchased items)



On average, anglers travel 40 miles from their home to the boat ramp per fishing trip.



**Table IV.1 Measures of central tendency for lengths and weights of Striped Bass (observed).**

Year	River	Length (inches)				Weight (pounds)			
		N	Min	Max	Mean	Min	Max	Mean	
2019	Upper Neuse River	0	0	0	0	0	0	0	
	Middle Neuse River	0	0	0	0	0	0	0	
	Lower Neuse River	18	17.3	21.8	19.7	2.6	4.4	3.4	
	Upper Tar River	1	26.3	26.3	26.3	6.6	6.6	6.6	
	Lower Tar-Upper Pamlico River	8	15.0	19.5	17.7	1.5	3.5	2.6	
	Pungo River	1	18.8	18.8	18.8	2.5	2.5	2.5	
	Entire CSMA	28	15.0	26.3	19.3	1.5	6.6	3.3	
2018	Upper Neuse River	0	0	0	0	0	0	0	
	Middle Neuse River	14	17.9	27.1	20.7	2.1	8.4	3.7	
	Lower Neuse River	25	17.6	27.2	19.2	2.1	8.8	3.0	
	Upper Tar River	1	19.2	19.2	19.2	3.5	3.5	3.5	
	Lower Tar-Upper Pamlico River	101	16.5	22.2	18.9	1.7	4.4	3.0	
	Pungo River	14	17.6	29.3	21.0	2.2	11.9	3.9	
	Entire CSMA	155	16.5	29.3	19.3	1.7	11.9	3.2	
2017	Upper Neuse River	0	0	0	0	0	0	0	
	Middle Neuse River	8	19.4	29.6	24.0	2.8	13.8	7.1	
	Lower Neuse River	70	17.6	28.0	20.5	2.0	10.8	3.9	
	Upper Tar River	19	17.4	22.2	19.8	2.2	6.0	3.6	
	Lower Tar-Upper Pamlico River	88	17.3	26.2	20.1	2.2	8.8	3.6	
	Pungo River	17	18.8	26.5	20.9	1.5	6.4	3.2	
	Entire CSMA	202	17.3	29.6	20.4	1.5	13.8	3.8	
2016	Upper Neuse River	0	0	0	0	0	0	0	
	Middle Neuse River	2	18.9	20.3	19.6	2.9	3.6	3.2	
	Lower Neuse River	21	18.0	28.9	20.5	2.2	8.8	3.7	
	Upper Tar River	16	17.5	33.0	21.4	2.3	9.5	3.8	
	Lower Tar-Upper Pamlico River	81	17.6	27.5	19.7	2.2	7.9	3.6	
	Pungo River	24	18.3	26.9	20.8	2.4	6.0	3.4	
	Entire CSMA	144	17.5	33.0	20.2	2.2	9.5	3.6	
2015	Upper Neuse River	2	16.3	19.9	18.1	1.7	3.1	2.4	
	Middle Neuse River	2	26.3	26.9	26.6	3.0	9.3	6.1	
	Lower Neuse River	25	17.6	26.1	20.0	2.1	7.5	3.5	
	Upper Tar River	3	19.6	21.6	20.4	3.7	4.9	4.2	
	Lower Tar-Upper Pamlico River	41	17.7	24.3	20.4	1.8	15.4	3.8	
	Pungo River	33	18.1	27.0	21.3	2.0	7.1	3.3	
	Entire CSMA	106	16.3	27.0	21.1	1.7	15.4	3.9	

**Table IV.1 Measures of central tendency for lengths and weights of Striped Bass (observed) (continued).**

Year	River	Length (inches)				Weight (pounds)			
		N	Min	Max	Mean	Min	Max	Mean	
2014	Upper Neuse River	2	20.6	20.6	20.6	3.9	3.9	3.9	
	Middle Neuse River	0	0	0	0	0	0	0	
	Lower Neuse River	32	17.9	30.2	21.4	2.3	14.3	4.8	
	Upper Tar River	0	0	0	0	0	0	0	
	Lower Tar-Upper Pamlico River	64	18.5	27.4	19.9	2.8	9.5	3.7	
	Pungo River	17	19.8	20.0	19.9	2.4	4.9	3.5	
	Entire CSMA	115	17.9	30.2	20.5	2.3	14.3	3.9	
2013	Upper Neuse River	1	24.8	24.8	24.8	7.7	7.7	7.7	
	Middle Neuse River <sup>1</sup>	-	-	-	-	-	-	-	
	Lower Neuse River	51	17.6	27.9	19.6	2.1	11.5	3.8	
	Upper Tar River	7	18.3	20.4	19.3	3.3	4.6	4.0	
	Lower Tar/ Upper Pamlico River	53	17.0	25.9	19.0	2.4	8.8	3.5	
	Pungo River	57	18.1	27.3	20.1	0.9	9.9	3.4	
	Entire CSMA	169	17.0	27.9	19.5	0.9	11.5	3.7	
2012	Upper Neuse River	5	19.1	27.3	22.8	2.6	9.0	5.2	
	Middle Neuse River	3	18.8	24.5	21.0	2.9	5.5	3.9	
	Lower Neuse River	51	17.5	28.0	20.7	2.4	9.9	3.9	
	Upper Tar River	6	18.5	21.4	20.3	2.9	4.4	3.6	
	Lower Tar/ Upper Pamlico River	67	18.3	27.8	20.5	2.6	9.0	4.0	
	Pungo River	21	19.3	27.2	21.0	2.4	7.1	3.5	
	Entire CSMA	153	17.5	28.0	20.6	2.4	9.9	3.8	
2011	Upper Neuse River	1	23.3	23.3	23.3	4.6	4.6	4.6	
	Lower Neuse River	54	17.6	27.4	20.0	2.1	7.5	3.4	
	Lower Tar/ Upper Pamlico River	53	17.6	28.2	20.4	2.4	9.7	4.0	
	Pungo River	32	18.1	25.6	21.3	2.4	6.8	3.7	
	Entire CSMA	140	17.6	28.2	21.3	2.1	9.7	3.9	
2010	Lower Neuse River	4	18.4	21.5	19.6	2.7	3.5	3.0	
	Lower Tar/ Upper Pamlico River	48	18.1	23.7	20.3	2.7	6.2	4.0	
	Pungo River	22	17.8	26.3	21.0	2.2	7.1	3.8	
	Entire CSMA	74	17.8	26.3	20.5	2.2	7.1	3.8	
2009	Lower Neuse River	6	18.5	23.5	21.7	2.2	4.6	3.5	
	Lower Tar/ Upper Pamlico River	44	17.2	21.7	19.9	2.2	4.9	3.4	
	Pungo River	45	18.5	24.0	20.9	2.2	6.0	3.4	
	Entire CSMA	95	17.2	24.0	20.8	2.2	6.0	3.5	
2008	Lower Neuse River	11	19.7	26.2	21.2	2.4	5.7	3.9	
	Lower Tar/ Upper Pamlico River	12	18.5	23.8	20.3	2.4	5.3	3.7	
	Pungo River	27	18.3	24.0	20.5	2.0	5.7	3.2	
	Entire CSMA	50	18.3	26.2	20.7	2.0	5.7	3.5	
	Entire CSMA for years reported	1,431	15.0	33.0	20.4	0.9	15.4	3.6	

<sup>1</sup> Middle Neuse not sampled in 2013

**Table IV.2 Measures of central tendency for lengths and weights of American and Hickory Shad (observed), 2019.**

Species	River	Length (inches)				Weight (pounds)			
		N	Min	Max	Mean	N	Min	Max	Mean
American Shad	Upper Neuse River	7	15.6	17.1	16.4	7	1.7	2.6	2.1
	Middle Neuse River	5	13.5	17.8	15.6	5	1.2	3.0	2.1
	Lower Neuse River	0	0	0	0	0	0	0	0
	Upper Tar River	19	13.4	17.4	15.3	19	1.0	2.8	1.7
	Lower Tar-Upper Pamlico River	0	0	0	0	0	0	0	0
	Cape Fear River	148	11.9	19.4	15.4	148	1.1	4.4	2.5
	Total	179	11.9	19.4	15.4	179	1.0	4.4	2.4
Hickory Shad	Upper Neuse River	2	12.9	13.2	13.0	2	1.0	1.1	1.0
	Middle Neuse River	102	11.0	15.7	13.6	100	0.7	2.5	1.3
	Lower Neuse River	37	10.9	16.0	13.6	37	0.7	2.4	1.4
	Upper Tar River	168	10.0	15.4	13.3	166	0.6	2.1	1.2
	Lower Tar-Upper Pamlico River	0	0	0	0	0	0	0	0
	Cape Fear River	0	0	0	0	0	0	0	0
	Total	309	10.0	16.0	13.4	305	0.6	2.5	1.3

**Table IV.3 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	Over-Sized		
2019	American Eel	0	5	0	0	0	0	5	0.02
	American Shad	194	238	0	0	0	0	432	1.66
	Atlantic Croaker	12	143	0	0	0	0	155	0.59
	Atlantic Menhaden	0	20	0	0	0	0	20	0.08
	Black Crappie	539	295	15	276	0	0	1,125	4.31
	Black Drum	32	5	0	22	0	0	59	0.23
	Blue Catfish	40	38	0	0	0	0	78	0.30
	Blueback Herring	0	1	0	0	0	0	1	0.00
	Bluefish	10	25	0	0	0	0	35	0.13
	Bluegill	620	465	0	0	0	0	1,085	4.16
	Bowfin	3	474	0	0	0	0	477	1.83
	Brown Bullhead Catfish	6	0	0	0	0	0	6	0.02
	Chain Pickerel	2	114	0	0	0	0	116	0.44
	Channel Catfish	82	85	0	0	0	0	167	0.64
	Clearnose Skate	0	1	0	0	0	0	1	0.00
	Common Carp	0	3	0	0	0	0	3	0.01
	Cownose Ray	0	6	0	0	0	0	6	0.02
	Flathead Catfish	11	9	0	0	0	0	20	0.08
	Freshwater Catfish family	107	191	0	0	0	0	298	1.14
	Gizzard Shad	0	3	0	0	0	0	3	0.01
	Golden Shiner	1	0	0	0	0	0	1	0.00
	Green Sunfish	12	0	0	0	0	0	12	0.05
	Herring genus	0	8	0	0	0	0	8	0.03
	Hickory Shad	489	1,465	43	0	0	0	1,997	7.65
	Kingfish genus	1	0	0	0	0	0	1	0.00
	Ladyfish	0	2	0	0	0	0	2	0.01
	Largemouth Bass	126	1,856	5	979	0	0	2,966	11.37
	Lefteye Flounder family	1	55	0	731	0	0	787	3.02
	Longnose Gar	2	84	0	0	0	0	86	0.33
	Mullet genus	0	1	0	0	0	0	1	0.00
	Pinfish	0	24	0	0	0	0	24	0.09
	Pumpkinseed	62	25	0	0	0	0	87	0.33
	Red Drum	13	60	1	2,275	0	26	2,375	9.10
	Redbreast Sunfish	5	13	0	0	0	0	18	0.07
	Redear Sunfish	103	96	0	0	0	0	199	0.76
	Shad genus	4	184	125	0	0	0	313	1.20
	Silver Perch	0	7	0	0	0	0	7	0.03
	Southern Flounder	66	7	0	85	0	0	158	0.61
	Spanish Mackerel	11	1	0	32	0	0	44	0.17
	Spot	65	170	0	0	0	0	235	0.90
	Spotted Seatrout	1,996	926	401	3,305	0	0	6,628	25.41
	Striped Bass	38	533	39	1,449	155	0	2,214	8.49
	Striped Mullet	1	1	0	0	0	0	2	0.01
	Summer Flounder	16	5	0	13	0	0	34	0.13
	Sunfish genus	794	2,396	15	0	0	0	3,205	12.29
	Unidentified Fish	0	4	0	0	0	0	4	0.02
	Warmouth	3	23	0	0	0	0	26	0.10

**Table IV.3      Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards					Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit	Over- Sized		
2019	Weakfish	0	1	0	0	0	0	1	0.00
	White Catfish	2	0	0	0	0	0	2	0.01
	White Perch	297	143	0	0	0	0	440	1.69
	Yellow Perch	23	96	0	0	0	0	119	0.46
	<b>Total</b>	<b>5,789</b>	<b>10,307</b>	<b>644</b>	<b>9,167</b>	<b>155</b>	<b>26</b>	<b>26,088</b>	<b>100.00</b>

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2018	American Eel	1	28	0	0	0	29	0.15
	American Shad	289	383	86	0	0	758	3.86
	Atlantic Croaker	2	63	0	0	0	65	0.33
	Atlantic Stingray	0	2	0	0	0	2	0.01
	Black Crappie	603	214	20	309	0	1,146	5.84
	Black Drum	31	1	0	4	0	36	0.18
	Blueback Herring	2	0	0	0	0	2	0.01
	Blue Catfish	72	67	0	0	0	139	0.71
	Bluefish	10	141	0	0	0	151	0.77
	Bluegill	559	569	0	0	0	1,128	5.74
	Bowfin	23	289	0	0	0	312	1.59
	Brown Bullhead Catfish	4	0	0	0	0	4	0.02
	Chain Pickerel	1	85	0	0	0	86	0.44
	Channel Catfish	71	76	0	0	0	147	0.75
	Clearnose Skate	0	1	0	0	0	1	0.01
	Common Carp	1	4	0	0	0	5	0.03
	Cownose Ray	0	13	0	0	0	13	0.07
	Flathead Catfish	12	10	0	0	0	22	0.11
	Freshwater Catfish family	59	232	0	0	0	291	1.48
	Gizzard Shad	0	3	0	0	0	3	0.02
	Green Sunfish	0	0	0	0	0	0	0.00
	Golden Shiner	1	0	0	0	0	1	0.01
	Herring family	0	9	0	0	0	9	0.05
	Hickory Shad	939	2,682	390	0	0	4,011	20.42
	Hybrid Striped Bass	0	4	0	0	0	4	0.02
	Largemouth Bass	50	1,479	0	518	0	2,047	10.42
	Lefteye Flounder family	6	16	10	759	0	791	4.03
	Longnose Gar	2	95	0	0	0	97	0.49
	Mullet genus	0	46	0	0	0	46	0.23
	Pinfish	0	35	0	0	0	35	0.18
	Pumpkinseed	32	17	0	0	0	49	0.25
	Red Drum	23	18	0	88	3	153	0.78
	Redbreast Sunfish	12	21	0	0	0	33	0.17
	Redear Sunfish	102	59	0	0	0	161	0.82
	Shad genus	0	204	16	0	0	220	1.12
	Silver Perch	0	2	0	0	0	2	0.01
	Southern Flounder	55	0	0	0	0	55	0.28
	Spanish Mackerel	0	0	0	6	0	6	0.03
	Spot	24	86	0	0	0	110	0.56
	Spotted Seatrout	62	135	0	845	0	1,042	5.31
	Stingray family	0	11	0	0	0	11	0.06
	Striped Bass	219	566	82	2,244	121	3,234	16.47
	Striped Mullet	2	0	0	0	0	2	0.01
	Sunfish genus	306	1,789	108	0	0	2,203	11.22
	Tarpon	0	1	0	0	0	1	0.01
	Warmouth	8	52	0	0	0	60	0.31
	White Bass	0	7	0	0	0	7	0.04

**Table IV.3      Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards					Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit	Over- Sized		
2018	White Catfish	6	0	0	0	0	0	2	0.03
	White Perch	604	169	0	0	0	0	773	3.94
	Yellow Bullhead Catfish	2	0	0	0	0	0	2	0.01
	Yellow Perch	68	59	0	0	0	0	127	0.65
	<b>Total</b>	<b>4,263</b>	<b>9,743</b>	<b>712</b>	<b>4,773</b>	<b>124</b>	<b>23</b>	<b>19,638</b>	<b>100.00</b>

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards					Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit	Over-Sized		
2017	American Eel	0	13	0	0	0	0	13	0.04
	American Shad	118	413	6	0	0	0	537	1.85
	Atlantic Croaker	34	184	0	0	0	0	218	0.75
	Black Bullhead	0	2	0	0	0	0	2	0.01
	Black Crappie	681	251	31	370	0	0	1,333	4.60
	Black Drum	38	0	0	13	0	0	51	0.18
	Blueback Herring	1	0	0	0	0	0	1	0.00
	Blue Catfish	52	67	0	0	0	0	119	0.41
	Bluefish	6	44	0	0	0	0	50	0.17
	Bluegill	752	588	0	0	0	0	1,340	4.62
	Bowfin	5	466	0	0	0	0	471	1.63
	Brown Bullhead Catfish	0	1	0	0	0	0	1	0.00
	Chain Pickerel	6	217	0	0	0	0	223	0.77
	Channel Catfish	72	84	0	0	0	0	156	0.54
	Clearnose Skate	0	9	0	0	0	0	9	0.03
	Cownose Ray	0	7	0	0	0	0	7	0.02
	Flathead Catfish	8	14	0	0	0	0	22	0.08
	Freshwater Catfish family	53	135	0	0	0	0	188	0.65
	Gizzard Shad	1	7	0	0	0	0	8	0.03
	Green Sunfish	1	0	0	0	0	0	1	0.00
	Herring family	0	25	0	0	0	0	25	0.09
	Hickory Shad	680	2,330	198	0	0	0	3,208	11.07
	Hybrid Striped Bass	2	2	0	1	0	0	5	0.02
	Largemouth Bass	86	2,296	0	995	0	0	3,377	11.65
	Lefteye Flounder family	16	9	0	1,046	0	0	1,071	3.70
	Longnose Gar	3	109	0	0	0	0	112	0.39
	Mullet genus	1	50	0	0	0	0	51	0.18
	Pinfish	0	53	0	0	0	0	53	0.18
	Pumpkinseed	78	29	0	0	0	0	107	0.37
	Red Drum	93	77	20	838	1	6	1,035	3.57
	Redbreast Sunfish	27	71	0	0	0	0	98	0.34
	Redear Sunfish	175	84	0	0	0	0	259	0.89
	Shad genus	0	199	0	0	0	0	199	0.69
	Silver Perch	0	11	0	0	0	0	11	0.04
	Southern Flounder	90	5	0	7	0	0	102	0.35
	Spanish Mackerel	1	0	0	1	0	0	2	0.01
	Spot	59	170	0	0	0	0	229	0.79
	Spotted Bass	0	2	0	0	0	0	2	0.01
	Spotted Seatrout	657	320	42	2,686	0	0	3,705	12.78
	Stingray family	0	8	0	0	0	0	8	0.03
	Striped Bass	304	853	59	5,020	83	6	6,325	21.83
	Striped Mullet	0	6	0	0	0	0	6	0.02
	Sunfish genus	2	2,393	162	0	0	0	2,557	8.82
	Tarpon	210	0	0	0	0	0	210	0.72
	Warmouth	19	76	0	0	0	0	95	0.33
	Weakfish	0	1	0	5	0	0	6	0.02

**Table IV.3** Reported and observed catches (in numbers) by species and disposition (continued).

Year	Common Name	Harvest	Discards					Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit	Over- Sized		
2017	White Bass	0	0	0	2	0	0	2	0.01
	White Perch	828	354	0	0	0	0	1,182	4.08
	Yellow Perch	64	106	18	0	0	0	188	0.65
	Total	5,223	12,141	536	10,984	84	12	28,980	100.00

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2016	American Eel	1	4	0	0	0	5	0.07
	American Shad	492	54	12	10	0	568	7.87
	Atlantic Croaker	32	38	0	0	0	70	0.97
	Atlantic Menhaden	0	1	0	0	0	1	0.01
	Black Crappie	499	72	1	34	0	606	8.39
	Black Drum	51	1	0	9	0	61	0.84
	Black Sea Bass	0	0	0	1	0	1	0.01
	Blue Catfish	96	21	0	0	0	117	1.62
	Bluegill	475	77	2	0	0	554	7.67
	Bowfin	25	102	0	0	0	127	1.76
	Brown Bullhead	1	0	0	0	0	1	0.01
	Chain Pickerel	3	83	0	0	0	86	1.19
	Channel Catfish	61	9	0	0	0	70	0.97
	Clearnose Skate	0	3	0	0	0	3	0.04
	Cownose Ray	0	2	0	0	0	2	0.03
	Flathead Catfish	21	7	0	0	0	28	0.39
	Freshwater Catfish family	12	50	0	0	0	62	0.86
	Gizzard Shad	288	10	0	0	0	298	4.13
	Green Sunfish	0	2	0	0	0	2	0.03
	Hickory Shad	418	67	4	0	0	489	6.77
	Hybrid Striped Bass	11	0	0	1	1	13	0.18
	Ladyfish	0	1	0	0	0	1	0.01
	Largemouth Bass	51	305	2	180	0	538	7.45
	Lefteye Flounder family	22	3	0	112	0	137	1.90
	Longnose Gar	0	36	0	0	0	36	0.50
	Misc. Shad	0	5	5	0	0	10	0.14
	Mullet genus	0	2	0	0	0	2	0.03
	Pinfish	3	6	0	0	0	9	0.12
	Pumpkinseed	25	10	0	0	0	35	0.48
	Red Drum	19	10	0	153	0	182	2.52
	Redbreast Sunfish	45	17	0	0	0	62	0.86
	Redear Sunfish	135	19	0	0	0	154	2.13
	Silver Perch	0	2	0	0	0	2	0.03
	Southern Flounder	55	0	0	0	0	55	0.76
	Spanish Mackerel	0	0	0	1	0	1	0.01
	Spot	6	12	0	0	0	18	0.25
	Spottail Pinfish	0	1	0	0	0	1	0.01
	Spotted Bass	0	1	0	0	0	1	0.01
	Spotted Seatrout	234	11	1	134	0	380	5.26
	Stingrays	0	1	0	0	0	1	0.01
	Striped Bass	260	80	1	468	67	876	12.13
	Striped Mullet	0	3	0	0	0	3	0.04
	Sunfish genus	352	160	3	0	0	515	7.13
	Threadfin Shad	137	2	0	0	0	139	1.92
	Unidentified Fish	0	1	0	0	0	1	0.01
	Warmouth	9	19	0	0	0	28	0.39
	Weakfish	2	1	0	0	0	3	0.04

**Table IV.3**      **Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2016	White Bass	4	3	0	0	0	7	0.10
	White Catfish	3	0	0	0	0	3	0.04
	White Perch	712	102	0	0	0	814	11.27
	Yellow Perch	13	30	0	0	0	43	0.60
	<b>Total</b>	<b>4,573</b>	<b>1,396</b>	<b>31</b>	<b>1,153</b>	<b>68</b>	<b>7,221</b>	<b>100.0</b>

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2015	American Eel	1	4	0	1	0	6	0.11
	American Shad	169	25	4	0	0	198	3.47
	Atlantic Croaker	10	34	0	0	0	44	0.77
	Black Bullhead	1	0	0	0	0	1	0.02
	Black Crappie	462	48	0	29	0	539	9.44
	Blue Catfish	128	26	0	0	0	154	2.70
	Bluefish	0	5	0	0	0	5	0.09
	Bluegill	745	91	0	0	0	836	14.64
	Bowfin	3	77	0	0	0	80	1.40
	Brown Bullhead	4	0	0	0	0	4	0.07
	Chain Pickerel	1	39	0	0	0	40	0.70
	Channel Catfish	67	24	0	0	0	91	1.59
	Common Carp	0	4	0	0	0	4	0.07
	Cownose Ray	0	6	0	0	0	6	0.11
	Flathead Catfish	7	6	0	0	0	13	0.23
	Freshwater Catfish family	14	43	0	0	0	57	1.07
	Gizzard Shad	4	6	0	0	0	10	0.18
	Golden Shiner	0	1	0	0	0	1	0.02
	Hickory Shad	428	65	9	0	0	502	8.79
	Hybrid Striped Bass	11	1	0	3	0	15	0.26
	Largemouth Bass	61	244	0	182	0	487	8.53
	Lefteye Flounder family	8	4	1	101	0	114	2.00
	Longnose Gar	0	34	0	0	0	34	0.60
	Pinfish	0	12	0	0	0	12	0.21
	Pumpkinseed	57	6	0	0	0	63	1.10
	Red Drum	2	10	1	28	0	41	0.72
	Redbreast Sunfish	58	15	0	0	0	73	1.28
	Redear Sunfish	63	12	0	0	0	75	1.31
	Silver Perch	2	2	0	0	0	4	0.07
	Shad ( <i>Alosa spp.</i> )	0	15	0	0	0	15	0.26
	Southern Flounder	70	1	0	6	0	77	1.35
	Spanish Mackerel	0	0	0	2	0	2	0.04
	Spot	74	20	0	0	0	94	1.65
	Spotted Seatrout	93	10	1	92	0	196	3.43
	Stingrays	0	2	0	0	0	2	0.04
	Striped Bass	151	71	2	263	23	510	8.93
	Striped Mullet	4	1	0	0	0	5	0.09
	Summer Flounder	29	9	0	16	0	54	0.95
	Sunfish genus	300	149	1	0	0	450	7.88
	Threadfin Shad	22	1	0	0	0	23	0.40
	Unidentified Fish	0	2	0	0	0	2	0.04
	Warmouth	10	8	0	0	0	18	0.32
	White Catfish	1	0	0	0	0	1	0.02
	White Bass	0	3	0	0	0	3	0.05
	White Perch	623	79	0	0	0	702	12.29
	<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>100.0</b>

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub-Legal	Slot-Limit		
2014	American Eel	0	21	0	0	0	21	0.20
	American Shad	282	125	4	0	0	411	3.90
	Atlantic Croaker	92	117	0	0	0	209	1.98
	Atlantic Menhaden	0	3	0	0	0	3	0.03
	Black Crappie	386	67	2	89	0	544	5.16
	Black Drum	0	10	0	2	0	12	0.11
	Black Sea Bass	0	1	0	1	0	2	0.02
	Blue Catfish	219	62	0	0	0	281	2.66
	Bluefish	3	49	0	0	0	52	0.49
	Bluegill	699	111	1	0	0	811	7.69
	Bowfin	0	112	0	0	0	112	1.06
	Brown Bullhead Catfish	7	0	0	0	0	7	0.07
	Chain Pickerel	1	81	0	0	0	82	0.78
	Channel Catfish	36	43	0	0	0	79	0.75
	Clearence Skate	0	2	0	0	0	2	0.02
	Common Carp	2	4	0	0	0	6	0.06
	Cownose Ray	0	17	0	0	0	17	0.16
	Flathead Catfish	5	19	0	0	0	24	0.23
	Freshwater Catfish family	38	125	0	0	0	163	1.54
	Gizzard Shad	27	17	0	0	0	44	0.42
	Golden Shiner	0	1	0	0	0	1	0.01
	Green Sunfish	0	1	0	0	0	1	0.01
	Hickory Shad	351	255	6	0	0	612	5.80
	Hybrid Striped Bass	25	8	0	36	1	70	0.66
	Kingfish genus	0	1	0	0	0	1	0.01
	Largemouth Bass	40	467	3	545	0	1,055	10.00
	Lefteye Flounder family	21	25	0	600	0	647	6.12
	Longnose Gar	0	105	0	0	0	105	1.00
	Mullet genus	0	6	0	0	0	6	0.06
	Pigfish	0	1	0	0	0	1	0.01
	Pinfish	8	69	0	0	0	77	0.73
	Pumpkinseed	113	17	0	0	0	130	1.23
	Red Drum	13	65	6	558	0	642	6.08
	Redbreast Sunfish	6	6	0	0	0	12	0.11
	Redear Sunfish	47	12	0	0	0	59	0.56
	Seatrout genus	1	2	0	5	0	8	0.08
	Shad ( <i>Alosa spp.</i> )	0	68	20	1	0	89	0.84
	Sheepshead	0	1	0	0	0	1	0.01
	Silver Perch	3	2	0	0	0	5	0.05
	Southern Flounder	98	0	0	7	0	105	1.00
	Spanish Mackerel	0	1	0	1	0	2	0.02
	Spot	68	57	0	0	0	125	1.18
	Spotted Bass	0	1	0	2	0	3	0.03
	Spotted Seatrout	300	158	24	844	0	1,326	12.57
	Stingrays	0	9	0	0	0	9	0.09
	Striped Bass	149	290	20	800	155	1,414	13.40
	Striped Mullet	7	9	0	0	0	16	0.15
	Summer Flounder	1	0	0	27	0	28	0.27
	Sunfish genus	153	425	14	0	0	592	5.61

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2014	Threadfin Shad	25	1	0	0	0	26	0.25
	Unidentified fish	0	3	0	0	0	3	0.03
	Warmouth	4	5	0	0	0	9	0.09
	Weakfish	0	0	0	3	0	3	0.03
	White Bass	0	6	0	2	0	8	0.08
	White Catfish	30	1	0	0	0	31	0.29
	White Perch	318	71	0	0	0	389	3.69
	White Sucker	1	0	0	0	0	1	0.01
	Yellow Perch	27	30	0	0	0	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>100.0</b>

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2013	American Eel	1	5	0	0	0	6	0.03
	American Shad	761	533	19	0	0	1,313	6.72
	Atlantic Croaker	72	177	0	0	0	249	1.27
	Atlantic Menhaden	0	200	0	0	0	200	1.02
	Black Crappie	318	68	6	262	0	654	3.35
	Black Drum	10	1	0	0	0	11	0.06
	Blue Catfish	165	49	0	0	0	214	1.09
	Bluefish	94	110	0	0	0	204	1.04
	Bluegill	510	372	0	0	0	882	4.51
	Bowfin	6	76	0	0	0	82	0.42
	Brown Bullhead Catfish	1	0	0	0	0	1	0.01
	Chain Pickerel	0	90	0	0	0	90	0.46
	Channel Catfish	64	22	0	0	0	86	0.44
	Clearnose Skate	0	6	0	0	0	6	0.03
	Common Carp	1	0	0	0	0	1	0.01
	Cownose Ray	0	10	0	0	0	10	0.05
	Flathead Catfish	7	7	0	0	0	14	0.07
	Freshwater Catfish family	26	77	0	0	0	103	0.53
	Gizzard Shad	172	49	0	0	0	221	1.13
	Hickory Shad	495	672	25	0	0	1,192	6.10
	Hybrid Striped Bass	32	3	0	35	0	70	0.36
	Largemouth Bass	34	744	0	954	0	1,732	8.86
	Lefteye Flounder family	63	17	0	2,021	0	2,093	10.71
	Longnose Gar	7	118	0	0	0	125	0.64
	Pinfish	6	167	0	0	0	173	0.89
	Pumpkinseed	28	11	0	0	0	39	0.20
	Red Drum	161	109	19	888	0	1,177	6.02
	Redbreast Sunfish	10	2	0	0	0	12	0.06
	Redear Sunfish	8	8	0	0	0	16	0.08
	Sea Lamprey	1	0	0	0	0	1	0.01
	Shad genus	87	580	59	0	0	726	3.71
	Southern Flounder	173	0	0	0	0	173	0.89
	Spanish Mackerel	0	1	0	2	0	3	0.02
	Spot	84	133	0	0	0	217	1.11
	Spotted Seatrout	1,123	230	52	2,341	0	3,746	19.17
	Stingray family	0	1	0	0	0	1	0.01
	Striped Bass	279	337	28	937	117	1,698	8.69
	Striped Mullet	7	13	0	0	0	20	0.10
	Summer Flounder	2	0	0	0	0	10	0.05
	Sunfish genus	302	1,391	84	20	0	1,797	9.19
	Warmouth	1	1	0	0	0	2	0.01
	Weakfish	0	0	0	2	0	2	0.01
	White Bass	1	4	0	3	0	8	0.04
	White Catfish	4	0	0	0	0	4	0.02
	White Perch	104	38	0	3	0	145	0.74
	Yellow Perch	2	13	0	0	0	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 IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2012	American Eel	0	7	0	0	0	7	0.04
	American Shad	60	227	0	0	0	287	1.44
	Atlantic Croaker	49	192	0	0	0	241	1.21
	Atlantic Menhaden	30	270	0	0	0	300	1.51
	Black Crappie	186	156	0	77	0	419	2.11
	Black Drum	60	70	0	0	0	130	0.65
	Bluefish	11	46	0	0	0	57	0.29
	Bowfin	1	54	0	0	0	55	0.28
	Chain Pickerel	0	22	0	0	0	22	0.11
	Clearnose Skate	2	0	0	0	0	2	0.01
	Cownose Ray	0	59	0	0	0	59	0.30
	Common Carp	1	0	0	0	0	1	0.01
	Freshwater Catfish family	90	357	0	0	0	447	2.25
	Gizzard Shad	21	20	0	0	0	41	0.21
	Golden Shiner	0	1	0	0	0	1	0.01
	Hickory Shad	296	854	20	0	0	1,170	5.89
	Hybrid Striped Bass	7	4	0	35	3	49	0.25
	Kingfish genus	0	1	0	0	0	1	0.01
	Largemouth Bass	22	415	0	992	0	1,429	7.19
	Longnose Gar	0	54	0	0	0	54	0.27
	Pinfish	28	324	0	0	0	352	1.77
	Red Drum	20	13	3	2,177	10	2,223	11.19
	Shad genus	17	34	0	0	0	51	0.26
	Sheepshead	1	1	0	0	0	2	0.01
	Shorthead Redhorse	1	0	0	0	0	1	0.01
	Southern Flounder	141	10	1	2,581	0	2,733	13.75
	Spot	34	77	0	0	0	111	0.56
	Spotted Seatrout	1,038	304	202	2,427	0	3,971	19.98
	Stingray family	3	4	0	0	0	7	0.04
	Striped Bass	222	513	31	1,277	188	2,231	11.23
	Striped Mullet	35	51	0	0	0	86	0.43
	Sunfish genus	885	1,806	10	0	0	2,701	13.59
	Threadfin Shad	60	35	0	0	0	95	0.48
	Weakfish	1	0	0	1	0	2	0.01
	White Bass	12	5	0	0	0	17	0.09
	White Perch	371	131	0	0	0	502	2.53
	Yellow Perch	5	8	0	0	0	13	0.07
	<b>Total</b>	<b>3,710</b>	<b>6,090</b>	<b>267</b>	<b>9,602</b>	<b>201</b>	<b>19,870</b>	<b>100.00</b>

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2011	American Eel	0	2	0	0	0	2	0.02
	American Shad	43	118	0	0	0	161	1.72
	Atlantic Croaker	55	204	0	0	0	259	2.76
	Black Crappie	171	134	0	71	0	376	4.01
	Black Drum	2	1	0	0	0	3	0.03
	Bluefish	3	32	0	0	0	35	0.37
	Bowfin	0	32	0	0	0	32	0.34
	Chain Pickerel	0	11	0	0	0	11	0.12
	Freshwater Catfish family	66	34	0	0	0	100	1.07
	Gizzard Shad	1	1	0	0	0	2	0.02
	Hickory Shad	175	294	0	0	0	469	5.00
	Hybrid Striped Bass	8	0	0	0	0	8	0.09
	Largemouth Bass	7	367	42	301	0	717	7.64
	Longnose Gar	0	40	0	0	0	40	0.43
	Pinfish	3	117	0	0	0	120	1.28
	Red Drum	5	2	2	16	0	25	0.27
	Southern Flounder	143	5	10	537	0	695	7.41
	Spanish Mackerel	24	1	0	4	0	29	0.31
	Spot	60	110	0	0	0	170	1.81
	Spotted Seatrout	103	35	4	903	0	1,045	11.13
	Striped Bass	254	394	2	1,325	230	2,205	23.49
	Striped Mullet	42	35	0	0	0	77	0.82
	Sunfish genus	683	1,327	12	0	0	2,022	21.55
	Tarpon	0	1	0	0	0	1	0.01
	White Perch	559	211	0	0	0	770	8.20
	Yellow Perch	6	5	0	0	0	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 IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2010	Atlantic Croaker	148	447	0	0	0	595	5.92
	Black Crappie	139	81	0	103	0	323	3.21
	Black Drum	4	0	0	0	0	4	0.04
	Bluefish	26	30	0	0	0	56	0.56
	Bowfin	0	16	0	0	0	16	0.16
	Chain Pickerel	0	2	0	0	0	2	0.02
	Common Carp	0	2	0	0	0	2	0.02
	Freshwater Catfish family	115	70	0	0	0	185	1.84
	Hybrid Striped Bass	7	0	0	0	0	7	0.13
	Lefteye Flounder family	0	0	0	13	0	13	0.07
	Largemouth Bass	10	308	4	141	0	463	4.61
	Longnose Gar	0	45	0	0	0	45	0.45
	Pigfish	0	6	0	0	0	6	0.06
	Pinfish	3	44	0	0	0	47	0.47
	Red Drum	36	11	0	245	0	292	2.90
	Redfin Pickerel	0	1	0	0	0	1	0.01
	Southern Flounder	274	17	8	1,954	0	2,253	22.41
	Spanish Mackerel	8	2	0	4	0	14	0.14
	Spot	15	17	0	0	0	32	0.32
	Spotted Seatrout	84	29	8	581	0	702	6.98
	Striped Bass	204	246	7	593	62	1,112	11.06
	Striped Mullet	13	1	0	0	0	14	0.14
	Sunfish genus	1,102	2,429	0	0	0	3,531	35.12
	White Perch	173	150	0	0	0	323	3.21
	Yellow Perch	6	9	0	0	0	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 IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2009	American Eel	0	1	0	0	0	1	0.01
	American Shad	4	0	0	0	0	4	0.02
	Atlantic Croaker	2,134	396	0	0	0	2,530	13.82
	Black Crappie	136	46	0	23	0	205	1.12
	Black Drum	28	0	0	0	0	28	0.15
	Bluefish	17	66	0	0	0	83	0.45
	Bowfin	0	38	0	0	0	38	0.21
	Chain Pickerel	0	2	0	0	0	2	0.01
	Common Carp	0	3	0	0	0	3	0.02
	Freshwater Catfish family	2,104	72	0	0	0	2,176	11.89
	Gizzard Shad	0	4	0	0	0	4	0.02
	Hickory Shad	3	19	0	0	0	22	0.12
	Hybrid Striped Bass	8	2	0	0	0	10	0.05
	Largemouth Bass	8	563	0	130	0	701	3.83
	Longnose Gar	0	16	0	0	0	16	0.09
	Pinfish	0	21	0	0	0	21	0.11
	Red Drum	35	26	7	339	0	407	2.22
	Redfin Pickerel	0	3	0	0	0	3	0.02
	Southern Flounder	427	23	0	1,766	0	2,216	12.10
	Spanish Mackerel	31	8	0	0	0	39	0.21
	Spot	2,048	59	0	0	0	2,107	11.51
	Spotted Seatrout	1,416	125	34	1,487	0	3,062	16.73
	Striped Bass	96	348	1	506	103	1,054	5.76
	Striped Mullet	1	4	0	0	0	5	0.03
	Sunfish genus	904	1,423	0	0	0	2,327	12.71
	Tarpon	0	7	0	0	0	7	0.04
	Weakfish	6	0	0	4	0	10	0.05
	White Perch	1,183	38	0	0	0	1,221	6.67
	Yellow Perch	2	3	0	0	0	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 IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2008	American Eel	0	7	0	0	0	7	0.05
	American Shad	39	0	0	0	0	39	0.29
	Atlantic Croaker	198	274	0	0	0	472	3.54
	Black Crappie	238	65	0	44	0	347	2.60
	Black Drum	94	6	0	0	0	100	0.75
	Bluefish	24	84	0	0	0	108	0.81
	Bowfin	0	38	0	0	0	38	0.28
	Chain Pickerel	0	10	0	0	0	10	0.07
	Freshwater Catfish family	118	331	0	0	0	449	3.37
	Gizzard Shad	0	4	0	0	0	4	0.03
	Hickory Shad	67	34	0	0	0	101	0.76
	Hybrid Striped Bass	4	0	0	0	0	4	0.03
	Largemouth Bass	52	824	2	206	0	1,084	8.13
	Longnose Gar	0	17	0	0	0	17	0.13
	Red Drum	30	34	6	294	0	364	2.73
	Southern Flounder	395	18	0	2,278	0	2,691	20.17
	Spanish Mackerel	48	5	0	156	0	209	1.57
	Spot	98	29	0	0	0	127	0.95
	Spotted Seatrout	1,210	55	42	1,664	0	2,971	22.27
	Striped Bass	59	292	23	971	4	1,349	10.11
	Striped Mullet	6	2	0	0	0	8	0.06
	Sunfish genus	906	1,650	0	0	0	2,556	19.16
	Weakfish	38	8	0	79	0	125	0.94
	White Perch	145	12	0	0	0	157	1.18
	Yellow Perch	0	4	0	0	0	4	0.03
	<b>Total</b>	<b>3,769</b>	<b>3,773</b>	<b>73</b>	<b>5,722</b>	<b>4</b>	<b>13,341</b>	<b>100.00</b>

**Table IV.3 Reported and observed catches (in numbers) by species and disposition (continued).**

Year	Common Name	Harvest	Discards				Catch # Fish	Percent Total
			Legal Sized	Over Creel	Sub- Legal	Slot- Limit		
2007	American Eel	0	0	0	1	0	1	0.01
	American Shad	15	1	0	0	0	16	0.10
	Atlantic Croaker	199	405	0	0	0	604	3.80
	Black Crappie	210	60	0	16	0	286	1.80
	Bluefish	30	155	0	0	0	185	1.17
	Bowfin	0	101	0	0	0	101	0.64
	Chain Pickerel	0	10	0	0	0	10	0.06
	Creek Chubsucker	0	3	0	0	0	3	0.02
	Freshwater Catfish family	114	343	0	0	0	457	2.88
	Gizzard Shad	0	2	0	0	0	2	0.01
	Hickory Shad	6	11	0	0	0	17	0.11
	Hybrid Striped Bass	14	0	0	171	0	185	1.17
	Largemouth Bass	71	1,025	2	315	0	1,413	8.90
	Longnose Gar	0	27	0	0	0	27	0.17
	Pinfish	0	15	0	0	0	15	0.09
	Red Drum	66	55	7	532	0	660	4.16
	Redfin Pickerel	2	6	0	0	0	8	0.05
	Seatrout genus	0	0	0	2	0	2	0.01
	Southern Flounder	170	33	2	1,382	0	1,587	9.99
	Spanish Mackerel	0	1	0	0	0	1	0.01
	Spot	232	245	0	0	0	477	3.00
	Spotted Seatrout	1,578	60	19	2,010	0	3,667	23.09
	Striped Bass	192	96	12	2,139	0	2,439	15.36
	Striped Mullet	10	17	0	0	0	27	0.17
	Sunfish genus	970	2,249	0	0	0	3,219	20.27
	Weakfish	16	1	0	43	0	60	0.38
	White Perch	265	118	0	0	0	383	2.41
	Yellow Perch	5	21	0	0	0	26	0.16
	<b>Total</b>	<b>4,165</b>	<b>4,981</b>	<b>42</b>	<b>6,690</b>	<b>0</b>	<b>15,878</b>	<b>100.00</b>

**Table IV.4 Percent of reported target species by year.**

Target Species	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	Percent of all years
American Eel	0	0	0	0	0	0	0	0	0.1	0	0	0	<0.01
American Shad	0.2	4.2	2.4	6.9	0.7	1	0.4	1.3	8.4	0	0	0.3	1.99
Atlantic Croaker	0	0.1	0	0.2	0.0	0.2	0	0.1	0.2	0.6	0	0.1	0.12
Black Crappie	3.5	3.1	2.8	2.4	2.8	3.1	1.6	2	3.3	3.3	2.4	3	2.74
Black Drum	0.5	0.3	0.1	0.8	0	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.27
Blue Catfish	<0.1	0.2	0.1	0	0	0	0	0	0	0	0	0	0.03
Bluefish	0	0.1	0	0	0	<0.01	0.5	0	0	0	0	0.1	0.07
Bluegill	0.3	0.6	0.8	0.6	1.0	0.7	0	0	0	0	0	0	0.32
Bowfin	0	0.1	0	0	0.2	0.1	0	0.1	0	0	0	0	0.04
Channel Catfish	0	0.0	0.1	0	0	0	0	0	0	0	0	0	<0.01
Common Carp	<0.1	0.1	0	0	0	0	0	0	0	0	0	0	0.01
Cownose Ray	0	0.0	0.0	0	0	0	0	<0.1	0	0	0	0	<0.01
Flathead Catfish	0	0.0	0.1	0	0	0	0	0	0	0	0	0	<0.01
Freshwater Catfish family	6.7	8.6	4.1	6.2	11.9	7.6	7.9	6.8	0.8	1.1	0.8	1.8	5.55
Gizzard Shad	0	0.0	0.0	0	0.19	0.1	0.1	0.1	0	0	0	0	0.06
Hickory Shad	0.3	1.8	1.1	0.4	0.6	0.4	0.4	7.3	0.7	1.8	2.1	2.4	1.64
Largemouth Bass	18.0	18.8	16.6	14.2	13.8	11.4	8	11.2	9.6	18.4	14.2	19.1	14.58
Lefteye Flounder family	2.7	5.3	3.4	4	2.3	5.3	4.3	4.3	9.5	16.5	9.8	8.7	6.00
Longnose Gar	0	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0	0.04
Mullet genus	0	0.0	0.1	0	0	0	0	0	0	0	0	0	0.01
Pinfish	0	0	0	0	0	0	0	<0.1	0	0	0	0	<0.01
Pumpkinseed	<0.1	0.0	0.0	0	0	0	0	0	0	0	0	0	<0.01
Red Drum	2.2	2.2	2.6	0.7	0.6	0.8	2.2	1.6	1.2	3.3	1.5	1.7	1.83
Redbreast Sunfish	0	0.0	0.1	0	0.09	0	0	0	0	0	0	0	0.02
Redear Sunfish	0.1	0	0	0.1	0.1	0	0	0	0	0	0	0	0.02
Shad genus	18.8	18.7	14.3	14	29.6	22.3	24.6	9.7	0	0	0	0	13.45
Spanish Mackerel	0.2	0.2	0	0	0	0.1	0.1	0	0.5	0.7	0.6	0.6	0.22
Spot	<0.1	0.0	0.2	0	0.09	0.2	0.2	0	0.2	0.2	0.1	0.1	0.11
Spotted Seatrout	32.2	8.3	22.0	15.1	7.0	18.7	28.3	26.3	10.2	9.1	40.1	33.9	21.80
Stingray family	0	0.0	0.0	0	0	0	0	<0.1	0	0	0	0	<0.01
Striped Bass	7.4	19.1	21.7	25.4	18.3	20.1	15.7	19.7	44.1	31.4	18.8	18.9	20.49
Striped Mullet	<0.1	0.0	0.0	0	0.09	0	0	0.1	0.2	0	0	0	0.03
Summer Flounder	0.1	0	0	0	1.0	0	0.2	0	0	0	0	0	0.08
Sunfish genus	5.04	5.4	4.4	5	8.35	6.5	4.6	7.7	6.8	10.3	7.2	6.9	6.27
Tarpon	0	0	0	0.2	0	0.2	0.2	0.1	0.5	1.3	1	0.4	0.29
Threadfin Shad	0	0.0	0.0	0	0.1	0	0	0	0	0	0	0	<0.01
White Bass	0	0	0	0.1	0	0	0	0	0	0	0	0	<0.01
Weakfish	0	0.0	0.0	0	0	0	0	0	0	0	0	1	0.07
White Perch	1.7	2.4	2.7	3.2	1.0	1.1	0.4	1.2	3.4	1.8	1.2	0.7	1.71
Yellow Perch	0.2	0.1	0	0.1	0.2	0	0	0	0.1	0	0	0	0.05
Total Number of Trips	2,599	2,149	2,240	1,910	1,030	1,639	2,483	2,123	1,125	1,808	1,433	1,531	100.00

**Table IV.5 Estimated Striped Bass effort and catch in the CSMA.**

Year	Month	Total Fishing Trips	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2019	Jan	4,702	1,856	6,453	500	1,777	325	3,563	651	206	5,244
	Feb	10,765	2,779	12,279	286	1,122	221	2,288	-	152	2,947
	Mar	14,704	1,595	9,530	152	524	1,177	2,407	274	1,548	5,559
	Apr	11,047	285	1,038	-	-	118	930	-	15	1,063
	May	9,126	227	1,236	-	-	302	2,471	-	183	2,956
	Jun	6,133	1,248	5,953	-	-	1,000	1,583	-	-	2,583
	Jul	8,460	209	785	-	-	212	1,241	-	-	1,453
	Aug	6,818	91	347	-	-	218	1,517	-	15	1,749
	Sep	9,076	89	311	-	-	109	2,930	-	57	3,096
	Oct	9,900	-	-	-	-	332	865	-	-	1,197
	Nov	5,298	131	1,159	-	-	2,591	3,636	-	-	6,226
	Dec	12,874	311	1,488	21	139	1,211	1,427	-	306	2,965
	Total	108,903	8,820	40,580	959	3,562	7,817	24,857	924	2,481	37,039
PSE	5.1	14.9	16.8	38.9	37.0	23.5	14.6	73.7	48.5		
2018	Jan	2,495	1,500	6,166	334	1,047	262	3,751	-	99	4,447
	Feb	17,733	4,617	21,561	1,116	3,560	490	3,549	-	270	5,425
	Mar	14,874	2,709	11,974	717	2,156	710	7,244	491	348	9,511
	Apr	14,300	1,729	7,266	835	2,814	210	2,224	168	134	3,571
	May	13,662	1,403	5,901	16	48	5,140	3,787	-	37	8,980
	Jun	7,019	620	1,914	-	-	1,253	2,166	-	524	3,943
	Jul	7,582	871	4,356	11	34	1,829	1,997	-	464	4,300
	Aug	4,816	684	2,147	-	-	1,306	1,616	-	-	2,922
	Sep	3,944	70	271	-	-	167	488	-	-	655
	Oct	3,980	566	2,553	15	54	52	1,340	-	-	1,407
	Nov	3,880	543	2,030	119	461	182	2,302	-	-	2,604
	Dec	2,729	1,081	3,778	206	709	630	3,664	212	15	4,727
	Total	97,014	16,394	69,917	3,371	10,884	12,232	34,128	871	1,890	52,492
PSE	5.5	10.5	11.6	15.7	15.2	29.1	14.3	44.3	38.4		
2017	Jan	14,743	2,055	7,876	158	593	88	14,351	-	73	14,670
	Feb	26,299	6,542	32,602	1,717	6,808	611	23,151	-	410	25,889
	Mar	15,728	5,208	22,649	1,290	4,765	856	11,610	-	986	14,742
	Apr	13,367	4,672	19,251	1,085	4,022	780	11,257	-	123	13,244
	May	1,847	210	748	-	-	82	1,765	-	-	1,847
	Jun	9,085	984	6,845	-	-	2,098	6,965	-	11	9,074
	Jul	11,417	629	2,932	-	-	6,197	4,525	-	348	11,070
	Aug	5,567	320	2,432	-	-	2,736	2,802	-	14	5,552
	Sep	22,527	124	649	13	48	10,238	12,062	-	107	22,420
	Oct	6,063	1,550	6,705	728	2,486	688	4,287	31	149	5,883
	Nov	8,450	2,241	9,662	1,135	4,074	792	5,623	450	-	8,000
	Dec	6,213	1,589	7,331	1,209	4,178	1,337	3,388	68	71	6,073
	Total	141,306	26,125	119,680	7,334	26,973	26,501	101,787	549	2,293	138,464
PSE	8.9	8.4	10.3	15.8	15.5	25.5	11.5	55.4	25.4		

**Table IV.5 Estimated Striped Bass effort and catch in the CSMA.**

Year	Month	Total Fishing Trips	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2016	Jan	4,980	3,329	17,342	1,344	5,214	575	10,532	-	537	12,988
	Feb	5,739	1,108	4,569	262	943	61	2,082	-	93	2,498
	Mar	24,076	4,588	24,538	635	2,186	405	6,458	-	1,230	8,727
	Apr	20,971	7,426	34,657	3,193	12,042	464	5,389	203	3,523	12,772
	May	18,068	1,196	3,558	-	-	3,058	4,011	-	-	7,069
	Jun	6,761	287	850	-	-	659	1,083	-	-	1,742
	Jul	6,433	113	479	5	17	385	1,586	-	-	1,976
	Aug	5,650	580	1,725	-	-	1,661	897	-	179	2,737
	Sep	7,280	125	126	-	-	670	4,067	-	-	4,737
	Oct	4,721	1,660	7,823	139	495	438	4,652	-	36	5,264
	Nov	4,468	666	2,996	153	540	140	3,932	-	22	4,246
	Dec	6,165	2,597	11,790	966	3,824	2,076	13,199	-	1,159	17,400
	Total	115,311	23,675	110,453	6,697	25,260	10,593	57,886	203	6,779	82,157
PSE	4.9	9.3	12.1	21.2	19.0	18.7	12.0	100.0	31.9		
2015	Jan	5,168	2,917	11,748	709	2,613	278	3,113	-	54	4,155
	Feb	2,752	1,245	5,666	493	1,854	64	1,405	-	22	1,983
	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	7,404	335	1,583	-	-	3,470	388	-	19	3,877
	Aug	8,557	611	2,286	-	-	153	205	-	-	358
	Sep	5,357	414	1,718	-	-	1,189	1,442	-	-	2,630
	Oct	6,940	1,927	10,391	277	977	596	3,263	-	133	4,269
	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	6,260	40	47	7,824
	Total	109,972	18,159	79,398	3,934	14,269	8,052	22,448	40	813	35,287
PSE	5.5	8.9	10.6	20.3	19.6	32.4	13.9	73.7	27.0		
2014	Jan	2,280	1,259	4,973	329	1,284	58	49	-	45	482
	Feb	9,217	2,010	7,426	498	2,045	524	502	98	234	1,856
	Mar	15,889	2,673	12,722	769	3,192	604	2,392	310	709	4,783
	Apr	15,961	2,464	13,448	603	2,502	932	2,542	144	126	4,347
	May	12,216	599	2,811	-	-	733	1,032	-	20	1,785
	Jun	5,737	391	1,755	-	-	480	522	-	-	1,003
	Jul	4,361	59	89	-	-	101	187	-	-	288
	Aug	5,391	501	1,694	-	-	1,000	1,553	-	-	2,553
	Sep	2,777	256	708	-	-	2,215	75	-	-	2,290
	Oct	6,702	2,038	8,043	117	431	44	2,909	-	7	3,077
	Nov	5,412	1,475	6,583	579	2,369	929	3,937	177	93	5,715
	Dec	7,746	1,957	10,064	405	1,547	314	4,206	-	407	5,331
	Total	93,690	15,682	70,316	3,301	13,368	7,934	19,905	728	1,641	33,510
PSE	5.6	10.1	13.1	20.4	21.5	22.7	20.8	49.0	40.3		

**Table IV.5 Estimated Striped Bass effort and catch in the CSMA.**

Year	Month	Total Fishing Trips	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2013	Jan	5,932	2,541	10,032	742	2,535	136	2,471	-	253	3,602
	Feb	7,563	2,107	9,704	783	2,784	156	2,327	102	799	4,167
	Mar	33,742	3,253	13,766	808	3,021	149	1,599	-	110	2,665
	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	-	-	6,483
	Oct	5,593	2,039	8,625	1,043	3,834	330	1,051	32	313	2,770
	Nov	6,613	1,247	5,299	487	1,672	310	693	127	81	1,699
	Dec	6,790	2,299	10,591	498	1,779	296	879	185	68	1,926
	<b>Total</b>	<b>136,374</b>	<b>20,394</b>	<b>86,918</b>	<b>5,467</b>	<b>19,537</b>	<b>10,619</b>	<b>19,394</b>	<b>447</b>	<b>2,357</b>	<b>38,283</b>
	PSE	5.4	8.0	8.7	12.9	13.3	29.2	13.4	43.6	27.7	
2012	Jan	6,516	3,642	14,343	1,039	3,877	377	2,908	48	619	4,990
	Feb	13,229	2,628	8,377	616	2,483	728	3,081	189	522	5,137
	Mar	22,454	2,119	7,603	406	1,585	698	1,224	-	394	2,722
	Apr	17,041	2,616	12,606	424	1,662	103	1,129	-	592	2,249
	May	10,221	1,007	3,014	34	119	1,054	2,671	-	45	3,804
	Jun	7,080	182	743	41	157	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	58	2,247	2,719	-	30	5,011
	Oct	4,199	1,388	6,423	377	1,419	221	787	12	80	1,477
	Nov	6,165	1,105	4,041	530	2,033	314	3,273	152	171	4,441
	Dec	5,692	1,542	6,384	440	1,847	392	2,805	38	457	4,133
	<b>Total</b>	<b>110,689</b>	<b>18,338</b>	<b>71,964</b>	<b>3,922</b>	<b>15,240</b>	<b>13,621</b>	<b>26,343</b>	<b>439</b>	<b>2,910</b>	<b>47,236</b>
	PSE	5.1	9.2	9.9	15.5	15.2	37.3	13.1	66.8	23.0	
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>16,661</b>	<b>-</b>	<b>2,128</b>	<b>26,912</b>
	PSE	8.9	14.5	14.9	17.3	17.3	25.3	11.9	100.0	23.6	

**Table IV.5 Estimated Striped Bass effort and catch in the CSMA.**

Year	Month	Total Fishing Trips	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2010	Jan	1,524	842	3,661	258	1,104	136	242	639	-	1,202
	Feb	293	247	835	147	583	156	14	349	-	556
	Mar	2,757	1,076	4,263	413	1,674	149	153	982	6	1,649
	Apr	4,545	1,296	4,998	289	1,088	92	-	638	7	970
	May	7,494	266	1,772	263	-	758	136	78	-	477
	Jun	2,303	47	135	-	-	1,199	382	20	-	402
	Jul	3,338	62	212	-	-	336	241	198	-	439
	Aug	4,195	459	1,315	-	-	2,517	970	128	-	1,098
	Sep	3,927	-	-	-	-	4,340	55	21	-	97
	Oct	2,765	745	2,718	92	146	330	83	730	-	993
	Nov	3,450	750	2,730	140	426	310	119	794	5	1,064
	Dec	926	769	2,716	155	515	296	5	624	11	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>10,619</b>	<b>2,400</b>	<b>5,201</b>	<b>29</b>	<b>9,747</b>
	PSE	8.6	12.8	13.9	23.0	23.0	29.2	29.6	15.8	52.3	
2009	Jan	2,090	509	2,355	78	261	377	36	236	7	496
	Feb	3,656	1,044	5,230	108	356	728	51	765	-	1,175
	Mar	4,022	667	2,588	102	379	698	47	230	-	464
	Apr	7,409	655	3,543	38	130	103	4	140	-	380
	May	5,171	419	1,770	-	-	1,054	442	359	-	801
	Jun	4,710	84	626	-	-	400	564	70	-	634
	Jul	2,951	6	29	-	-	6,277	15	67	-	82
	Aug	2,484	30	145	-	-	809	229	269	-	512
	Sep	2,420	25	149	-	-	2,247	321	1,019	-	1,340
	Oct	4,289	998	5,945	278	947	221	46	448	-	772
	Nov	4,002	836	3,097	51	181	314	13	208	-	272
	Dec	2,703	367	1,130	240	809	392	-	662	-	933
	<b>Total</b>	<b>45,907</b>	<b>5,640</b>	<b>26,607</b>	<b>895</b>	<b>3,063</b>	<b>13,621</b>	<b>1,768</b>	<b>4,473</b>	<b>7</b>	<b>7,861</b>
	PSE	7.7	14.0	17.8	20.2	20.2	37.3	30.9	18.9	100.0	
2008	Jan	1,826	1,198	4,325	129	388	89	-	2,910	-	3,039
	Feb	3,013	1,011	4,371	124	424	223	14	1,850	-	1,988
	Mar	5,715	436	2,053	19	66	150	-	407	-	426
	Apr	4,401	441	2,057	13	39	367	-	533	-	546
	May	7,289	765	3,568	63	235	586	919	1,973	-	2,992
	Jun	5,630	234	893	44	144	1,380	23	442	-	509
	Jul	4,539	228	924	-	-	550	1,278	208	2,838	4,324
	Aug	5,454	256	1,082	-	-	312	605	359	-	964
	Sep	2,825	68	410	-	-	1,025	170	505	-	675
	Oct	5,433	882	4,052	125	412	168	26	1,147	-	1,298
	Nov	3,700	535	2,592	142	659	278	272	1,077	-	1,494
	Dec	3,063	566	2,088	184	623	268	9	307	-	551
	<b>Total</b>	<b>52,888</b>	<b>6,620</b>	<b>28,415</b>	<b>843</b>	<b>2,990</b>	<b>5,396</b>	<b>3,316</b>	<b>11,718</b>	<b>2,838</b>	<b>18,806</b>
	PSE	6.9	11.6	11.8	25.6	25.6	25.3	40.0	17.3	96.2	

**Table IV.5 Estimated Striped Bass effort and catch in the CSMA.**

Year	Month	Total Fishing Trips	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
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	632	140	-	1,199
	Nov	5,255	261	998	77	249	14	1,341	7	-	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	21,671	147	-	27,124
	PSE	7.7	11.1	11.1	23.7	23.7	29.9	12.2	68.1	-	

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month.**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2019	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	-	-	-
		Apr	41	94	-	-	-	-	-	-	-
		May	85	739	-	-	-	118	-	-	118
		Total	126	833	-	-	-	118	-	-	118
		PSE	62.3	88.2	-	-	-	58.1	-	-	-
	Middle	Jan	-	-	-	-	-	-	-	-	-
		Feb	667	1,416	-	-	-	21	-	-	21
		Mar	39	100	-	-	4	31	-	-	35
		Apr	11	18	-	-	-	-	-	-	-
		May	-	-	-	-	-	-	-	-	-
		Total	716	1,533	-	-	4	52	-	-	56
		PSE	51.1	44.5	-	-	100.0	51.1	-	-	-
	Lower	Jan	635	2,637	481	1,662	6	682	651	206	2,026
		Feb	801	4,017	215	739	59	4	-	152	430
		Mar	745	5,884	152	524	929	269	274	1,548	3,172
		Apr	28	166	-	-	64	26	-	15	105
		May	-	-	-	-	166	-	-	183	349
		Jun	457	2,471	-	-	1,000	420	-	-	1,420
		Jul	81	272	-	-	143	367	-	-	510
		Aug	54	134	-	-	165	243	-	15	423
		Sep	89	311	-	-	109	906	-	57	1,072
		Oct	-	-	-	-	226	238	-	-	464
		Nov	-	-	-	-	522	2,167	-	-	2,689
		Dec	66	412	-	-	793	408	-	132	1,333
		Total	2,955	16,305	849	2,925	4,182	5,731	924	2,307	13,994
	PSE	23.8	29.9	43.4	43.4	25.4	30.5	73.7	51.8	-	

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2018	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	216	1,298	-	-	-	-	-	-	-
		Apr	76	218	-	-	-	-	-	-	-
		May	534	2,265	-	-	3,393	-	-	-	3,393
		Total	827	3,781	-	-	3,393	-	-	-	3,393
		PSE	57.6	56.9	-	-	95.0	-	-	-	-
		Middle	Jan	-	-	-	-	-	-	-	-
	Feb		840	4,727	133	496	-	90	-	113	336
	Mar		345	1,687	45	169	42	-	17	30	135
	Apr		83	342	46	171	-	10	-	19	75
	May		289	867	-	-	-	12	-	37	49
	Total		1,557	7,624	224	837	42	112	17	199	594
	PSE		33.0	34.3	41.7	41.7	87.7	82.0	100.0	61.0	-
	Lower		Jan	735	2,803	162	494	252	217	-	70
		Feb	543	2,182	151	460	75	767	-	137	1,131
		Mar	627	3,012	177	538	350	756	-	69	1,352
		Apr	216	948	245	744	81	241	-	33	600
		May	71	439	-	-	147	373	-	-	520
		Jun	92	282	-	-	655	310	-	-	965
		Jul	451	2,132	-	-	1,350	301	-	464	2,115
		Aug	475	1,766	-	-	811	174	-	-	984
		Sep	-	-	-	-	133	148	-	-	281
		Oct	76	247	6	17	-	-	-	-	6
		Nov	60	167	-	-	-	-	-	-	-
		Dec	346	843	-	-	6	60	-	15	80
		Total	3,692	14,823	741	2,253	3,861	3,347	-	788	8,736
		PSE	15.8	18.2	27.8	27.8	29.7	20.2	-	61.6	-

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2017	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	457	944	-	-	-	-	-	-	-
		Apr	571	1,404	-	-	-	-	-	-	-
		May	-	-	-	-	-	-	-	-	-
		Total	1,028	2,349	-	-	-	-	-	-	-
		PSE	43.3	42.3	-	-	-	-	-	-	-
	Middle	Jan	-	-	-	-	-	-	-	-	-
		Feb	736	2,945	62	260	16	301	-	29	407
		Mar	902	5,026	46	195	-	163	-	86	296
		Apr	499	2,001	72	305	15	19	-	15	122
		May	-	-	-	-	-	-	-	-	-
		Total	2,137	9,972	180	761	31	483	-	131	825
		PSE	23.1	30.0	42.6	27.6	70.7	32.7	-	57.4	
	Lower	Jan	550	1,386	111	430	56	366	-	73	605
		Feb	1,852	11,372	696	3,025	411	6,110	-	276	7,494
		Mar	1,022	5,950	402	1,565	576	1,663	-	537	3,178
		Apr	585	2,155	306	1,191	285	1,804	-	16	2,410
		May	70	189	-	-	-	48	-	-	48
		Jun	760	5,478	-	-	1,384	4,012	-	11	5,408
		Jul	629	2,932	-	-	5,439	2,912	-	288	8,639
		Aug	306	2,397	-	-	2,723	920	-	-	3,643
		Sep	65	386	-	-	4,131	5,393	-	107	9,631
		Oct	348	2,184	196	764	688	1,521	-	36	2,442
		Nov	830	2,554	709	2,676	401	1,716	450	-	3,277
		Dec	269	1,343	587	1,924	219	920	68	4	1,798
		Total	7,285	38,327	3,008	11,576	16,312	27,387	519	1,348	48,573
PSE	16.7	21.3	25.8	24.5	26.4	21.1	60.4	34.5			

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2016	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	70	316	-	-	-	-	-	-	-
		Apr	536	1,576	-	-	-	-	-	72	72
		May	41	41	-	-	-	-	-	-	-
		Total	647	1,933	-	-	-	-	-	72	72
		PSE	28.1	29.8	-	-	-	-	-	75.1	-
	Middle	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	15	54	-	29	-	-	44
		Mar	83	679	20	72	39	20	-	20	98
		Apr	151	324	-	-	-	37	-	-	37
		May	108	273	-	-	-	38	-	-	38
		Total	341	1,276	34	126	39	123	-	20	216
		PSE	38.0	51.6	73.5	73.5	100.0	52.3	-	100.0	-
	Lower	Jan	533	1,680	357	1,331	166	1,123	-	342	1,988
		Feb	456	1,755	21	78	61	1,062	-	42	1,186
		Mar	2,191	13,462	222	828	135	2,418	-	829	3,604
		Apr	806	3,203	783	2,923	35	1,695	-	439	2,952
		May	110	579	-	-	147	402	-	-	549
		Jun	142	482	-	-	533	121	-	-	654
		Jul	65	309	-	-	326	-	-	-	326
		Aug	444	1,093	-	-	1,483	413	-	179	2,076
		Sep	100	101	-	-	88	1,103	-	-	1,191
		Oct	530	1,776	27	99	398	1,361	-	-	1,786
		Nov	65	126	19	69	-	450	-	-	468
		Dec	677	2,648	44	165	187	515	-	265	1,011
		Total	6,119	27,213	1,472	5,493	3,560	10,665	-	2,096	17,793
	PSE	20.6	29.1	58.7	37.0	28.7	21.0	-	33.6	-	

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2015	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	17	17	-	-	-	-	-	-	-
		Apr	292	625	171	612	-	-	-	-	171
		May	129	419	-	-	-	-	-	-	-
		Total	439	1,061	171	612	-	-	-	-	171
		PSE	45.8	39.7	75.5	75.5	-	-	-	-	-
	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
		PSE	65.6	-	33.4	33.4	100.0	100.0	-	50.2	-
	Lower	Jan	842	2,609	174	605	-	994	-	54	1,222
		Feb	369	1,610	33	114	-	87	-	22	142
		Mar	544	4,522	498	1,736	103	200	-	-	802
		Apr	465	1,122	-	-	-	127	-	-	127
		May	60	122	-	-	64	-	-	-	64
		Jun	197	426	-	-	-	431	-	-	431
		Jul	240	1,025	-	-	1,457	351	-	-	1,808
		Aug	542	2,236	-	-	99	32	-	-	131
		Sep	313	1,417	-	-	676	991	-	-	1,667
		Oct	922	3,401	15	51	581	448	-	102	1,145
		Nov	602	2,891	151	527	58	621	-	13	843
		Dec	862	4,722	282	981	58	594	-	21	954
		Total	5,959	26,103	1,153	4,015	3,096	4,876	-	211	9,336
	PSE	13.5	18.6	49.5	46.2	37.5	29.2	-	60.7	-	

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2014	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	28	28	-	-	-	-	-	-	-
		Apr	398	809	130	589	-	-	-	-	130
		May	199	398	-	-	-	-	-	-	-
		Total	624	1,235	130	589	-	-	-	-	130
		PSE	43.1	41.8	100.0	100.0	-	-	-	-	-
		Middle	Jan	-	-	-	-	-	-	-	-
	Feb		-	-	-	-	-	-	-	-	-
	Mar		132	468	-	-	-	37	-	-	37
	Apr		-	-	-	-	-	-	-	-	-
	May		-	-	-	-	-	-	-	-	-
	Total		132	468	-	-	-	37	-	-	37
	PSE		48.0	54.4	-	-	-	100.0	-	-	-
	Lower		Jan	583	2,605	64	292	38	33	-	38
		Feb	978	3,181	44	203	-	208	-	24	277
		Mar	1,345	6,802	492	2,242	534	1,907	-	679	3,612
		Apr	1,114	9,098	179	816	115	385	-	82	762
		May	224	1,595	-	-	439	840	-	-	1,278
		Jun	340	1,471	-	-	299	430	-	-	729
		Jul	59	89	-	-	69	34	-	-	103
		Aug	215	1,091	-	-	872	528	-	-	1,400
		Sep	116	326	-	-	51	-	-	-	51
		Oct	864	2,817	-	-	-	376	-	-	376
		Nov	674	2,325	276	1,260	481	415	-	-	1,172
		Dec	571	2,726	44	202	151	617	-	220	1,033
		Total	7,083	34,127	1,100	5,014	3,050	5,773	-	1,044	10,966
		PSE	16.8	23.2	46.6	46.6	37.5	29.2	-	60.7	-

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2013	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	39	20	-	-	-	-	-	-	-
		Apr	424	1,071	46	178	-	46	-	66	158
		May	-	-	-	-	-	-	-	-	-
		Total	463	1,091	46	178	-	46	-	66	158
		PSE	42.1	43.8	100.0	100.0	-	100.0	-	75.9	
		Middle	Jan	-	-	-	-	-	-	-	-
	Feb		-	-	-	-	-	47	-	-	47
	Mar		95	362	-	-	-	103	-	25	127
	Apr		19	61	-	-	-	140	-	-	140
	May		-	-	-	-	-	-	-	-	-
	Total		114	423	-	-	-	289	-	25	314
	PSE		50.2	63.5	-	-	-	57.7	-	100.0	-
	Lower	Jan	1,429	4,401	322	1,070	24	197	-	70	612
		Feb	914	4,065	267	1,009	63	259	-	154	744
		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	-	-	409
		Jul	602	2,086	-	-	281	1,093	-	-	1,373
		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	222	127	64	795
		Dec	1,206	5,733	190	716	26	291	185	-	691
		Total	9,856	43,554	2,517	9,426	3,286	6,374	312	1,100	13,588
		PSE	12.4	13.8	21.7	21.9	25.1	26.5	57.3	53.0	

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2012	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	-	-	-
		Apr	531	2,395	146	583	36	-	-	108	290
		May	-	-	-	-	-	-	-	-	-
		Total	531	2,395	146	583	36	-	-	108	290
		PSE	61.1	62.6	76.0	76.0	100.0	-	-	69.8	
	Middle	Jan	-	-	-	-	-	-	-	-	-
		Feb	37	37	16	63	-	-	-	-	16
		Mar	113	518	19	77	56	19	-	-	94
		Apr	-	-	19	77	-	-	-	-	19
		May	-	-	-	-	-	-	-	-	-
		Total	150	555	54	217	56	19	-	-	129
		PSE	-	-	100.0	100.0	-	-	-	-	
	Lower	Jan	1,010	4,190	494	1,722	93	961	7	74	1,630
		Feb	1,388	4,380	201	856	620	1,963	189	64	3,038
		Mar	523	1,902	91	350	30	128	-	66	315
		Apr	349	2,891	80	307	19	449	-	72	620
		May	727	2,206	-	-	129	1,851	-	45	2,025
		Jun	73	333	41	157	63	361	-	-	465
		Jul	787	2,417	-	-	6,277	2,183	-	-	8,461
		Aug	271	1,276	-	-	759	2,178	-	-	2,936
		Sep	996	4,354	15	58	1,474	1,770	-	30	3,288
		Oct	792	3,866	207	799	31	186	-	80	504
		Nov	455	1,391	83	321	55	1,090	137	75	1,440
		Dec	651	2,497	97	373	101	521	-	50	768
		Total	8,022	31,702	1,308	4,942	9,650	13,642	334	556	25,489
	PSE	15.4	15.7	28.1	26.7	51.6	21.8	70.1	30.4		

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	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
				<b>Total</b>	<b>5,657</b>	<b>21,393</b>	<b>1,080</b>	<b>3,809</b>	<b>2,434</b>	<b>7,426</b>	<b>-</b>
		PSE	18.2	16.0	33.2	33.2	38.9	16.4	-	47.3	
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
				<b>Total</b>	<b>2,340</b>	<b>9,177</b>	<b>109</b>	<b>361</b>	<b>1,440</b>	<b>699</b>	<b>-</b>
		PSE	32.2	32.9	69.2	69.2	46.0	43.4	-	100.3	
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
				<b>Total</b>	<b>2,474</b>	<b>12,995</b>	<b>249</b>	<b>868</b>	<b>704</b>	<b>443</b>	<b>-</b>
		PSE	29.8	32.3	56.8	56.8	70.9	47.0	-	99.8	

NOTE: Only lower zone was sampled prior to 2012.

**Table IV.6 Estimated effort, harvest, and discards for Striped Bass in the Neuse River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	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	4,801	2,838	51
	PSE	19.9	20.6	46.6	46.6	53.0	36.9	96.2	99.2		
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	509	140	-	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	4,858	140	-
	PSE	18.7	20.9	31.8	31.8	33.9	22.2	71.2	-		

NOTE: Only lower zone was sampled prior to 2012.

**Table IV.7 Estimated effort, harvest, and discards for Striped Bass in the Tar/Pamlico River by month.**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2019	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	600	2,853	29	102	-	474	-	-	503
		Mar	282	1,250	-	-	-	98	-	-	98
		Apr	92	285	-	-	-	262	-	-	262
		May	-	-	-	-	-	29	-	-	29
		Total	974	4,389	29	102	-	863	-	-	892
		PSE	47.2	49.8	100.0	100.0	-	52.9	-	-	
	Lower	Jan	1153	3414	15	101	320	2,709	-	-	3,044
		Feb	561	3131	42	282	162	1,685	-	-	1,890
		Mar	493	2139	-	-	245	1,671	-	-	1,915
		Apr	89	382	-	-	24	26	-	-	50
		May	143	497	-	-	4	164	-	-	168
		Jun	30	91	-	-	-	269	-	-	269
		Jul	128	513	-	-	69	785	-	-	854
		Aug	-	-	-	-	17	77	-	-	94
		Sep	-	-	-	-	-	725	-	-	725
		Oct	-	-	-	-	18	233	-	-	251
		Nov	84	340	-	-	1282	409	-	-	1,692
		Dec	246	1077	21	139	346	657	-	174	1,197
		Total	2,927	11,583	78	521	2,486	9,411	-	174	12,149
PSE	17.5	17.2	63.3	63.3	51.0	20.2	-	79.9			
2018	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	781	3,125	-	-	-	-	-	-	-
		Mar	568	1,816	-	-	67	47	-	-	114
		Apr	153	632	57	436	-	69	-	-	126
		May	187	1,317	-	-	372	-	-	-	372
		Total	1,688	6,890	57	436	439	116	-	-	612
		PSE	49.3	51.3	80.2	80.2	55.8	51.2	-	-	
	Lower	Jan	737	3,141	133	404	10	3,509	-	28	3,681
		Feb	2,429	11,434	801	2,483	414	2,605	-	21	3,841
		Mar	809	3,385	401	1,086	238	4,597	474	249	5,960
		Apr	1,110	4,876	442	1,288	128	1,594	168	82	2,414
		May	303	933	16	48	1,079	3,215	-	-	4,311
		Jun	344	1,043	-	-	590	1,105	-	524	2,219
		Jul	381	2,126	11	34	200	450	-	-	661
		Aug	194	278	-	-	165	243	-	-	408
		Sep	70	271	-	-	34	33	-	-	67
		Oct	322	1,023	-	-	-	248	-	-	248
		Nov	291	814	-	-	104	1,478	-	-	1,582
		Dec	597	2,334	184	624	625	3,174	212	-	4,195
		Total	7,586	31,658	1989	5967	3,589	22,250	854	904	29,586
PSE	15.3	18.0	23.2	23.2	25.9	20.1	45.2	58.2			

**Table IV.7 Estimated effort, harvest, and discards for Striped Bass in the Tar/Pamlico River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2017	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	2,457	11,155	309	1,112	45	10,588	-	21	10,964
		Mar	1,912	7,542	705	2,534	70	1,652	-	303	2,730
		Apr	1,941	9,340	416	1,494	-	-	-	60	476
		May	53	149	-	-	10	-	-	-	10
		Total	6,363	28,187	1,430	5,141	126	12,240	-	385	14,181
		PSE	19.8	22.6	51.2	51.2	53.7	48.3	-	80.5	
	Lower	Jan	1,379	5,653	26	94	-	12,593	-	-	12,619
		Feb	1,402	6,736	650	2,410	124	5,229	-	84	6,087
		Mar	806	2,541	78	282	210	5,107	-	60	5,455
		Apr	974	3,942	237	857	467	5,493	-	24	6,221
		May	87	409	-	-	72	794	-	-	866
		Jun	224	1,367	-	-	702	1,454	-	-	2,156
		Jul	-	-	-	-	758	401	-	60	1,219
		Aug	15	35	-	-	13	747	-	14	775
		Sep	59	263	13	48	5,931	3,415	-	-	9,359
		Oct	1,085	3,862	485	1,572	-	1,704	-	113	2,302
Nov		1,314	6,476	244	813	385	1,437	-	-	2,065	
Dec		929	4,373	333	1,349	736	719	-	63	1,849	
Total		8,273	35,656	2,065	7,425	9,396	39,094	-	418	50,973	
PSE	13.8	15.9	18.9	18.9	56.0	19.9	-	32.7			
2016	Upper	Jan	-	-	-	-	-	-	-	-	
		Feb	-	-	-	-	-	-	-	-	
		Mar	954	5,093	92	350	-	375	-	170	637
		Apr	4,928	24,501	2,109	8,036	336	1,432	203	2,707	6,786
		May	425	373	-	-	1,048	46	-	-	1,094
		Total	6,307	29,967	2,201	8,386	1,383	1,853	203	2,876	8,517
		PSE	22.7	28.6	40.1	40.1	36.3	30.0	100.0	67.8	
	Lower	Jan	2,533	14,617	949	3,750	409	6,632	-	196	8,184
		Feb	461	1,980	214	767	-	380	-	51	645
		Mar	959	3,687	276	849	196	2,295	-	212	2,979
		Apr	882	4,505	271	981	77	2,165	-	289	2,803
		May	317	1,382	-	-	1,187	1,595	-	-	2,781
		Jun	145	368	-	-	74	461	-	-	534
		Jul	48	169	-	-	-	110	-	-	110
		Aug	136	632	-	-	78	246	-	-	323
		Sep	-	-	-	-	527	2,506	-	-	3,033
		Oct	952	5,224	68	247	33	1,757	-	26	1,885
		Nov	555	2,605	-	-	-	290	-	-	290
		Dec	1,615	7,761	881	3,521	1,882	8,799	-	894	12,456
		Total	8,601	42,930	2,659	10,115	4,461	27,236	-	1,668	36,024
PSE	12.2	14.7	26.1	27.1	33.6	21.7	-	36.0			

**Table IV.7 Estimated effort, harvest, and discards for Striped Bass in the Tar/Pamlico River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	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
		PSE	32.5	47.0	60.0	60.0	-	41.9	-	60.2	
	Lower	Jan	1,983	8,828	499	1,886	278	1,818	-	-	2,595
		Feb	856	3,918	460	1,740	64	1,318	-	-	1,842
		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	95	558	-	-	2,004	38	-	19	2,060
		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	4,556	40	26	5,625
Total	9,314	41,981	1,972	7,453	4,566	11,888	40	232	18,698		
PSE	14.0	15.0	36.3	36.3	44.1	22.2	73.7	53.4			
2014	Upper	Jan	-	-	-	-	-	-	-	-	
		Feb	-	-	-	-	-	-	-	-	
		Mar	-	-	-	-	-	-	-	-	
		Apr	334	1,001	-	-	108	-	-	13	121
		May	-	-	-	-	-	-	-	-	-
		Total	334	1,001	-	-	108	-	-	13	121
		PSE	54.0	63.1	-	-	100.0	-	-	100.0	
	Lower	Jan	652	2,296	265	992	20	17	-	7	309
		Feb	1,021	4,208	453	1,842	524	294	98	210	1,579
		Mar	1,031	4,842	277	950	70	448	310	30	1,135
		Apr	480	1,707	276	1,033	-	1,453	144	31	1,904
		May	-	-	-	-	52	104	-	20	176
		Jun	-	-	-	-	-	44	-	-	44
		Jul	-	-	-	-	28	48	-	-	77
		Aug	286	602	-	-	103	982	-	-	1,085
		Sep	132	368	-	-	703	75	-	-	778
		Oct	1,003	4,461	87	326	44	2,401	-	-	2,533
		Nov	718	3,831	204	765	303	3,411	177	59	4,155
		Dec	1,289	6,814	336	1,256	95	3,516	-	162	4,108
		Total	6,612	29,130	1,898	7,163	1,944	12,793	728	518	17,882
		PSE	15.5	15.4	21.6	21.8	28.1	29.2	49.0	35.5	

**Table IV.7 Estimated effort, harvest, and discards for Striped Bass in the Tar/Pamlico River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2013	Upper	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	246	1,088	-	-	-	-	-	-	-
		Apr	1,132	4,415	217	753	20	208	-	73	517
		May	-	-	-	-	-	-	-	-	-
		Total	1,378	5,503	217	753	20	208	-	73	517
		PSE	23.4	26.7	56.5	56.4	100.0	52.4	-	74.8	
	Lower	Jan	899	4,548	371	1,298	112	2,215	-	154	2,852
		Feb	1,138	5,403	509	1,752	93	1,979	102	645	3,328
		Mar	1,711	6,134	110	386	69	513	-	80	772
		Apr	1,595	6,238	411	1,382	-	1,165	-	23	1,598
		May	82	407	-	-	366	890	-	20	1,276
		Jun	50	183	-	-	1,149	884	-	-	2,033
		Jul	63	105	-	-	-	25	-	-	25
Aug		52	136	-	-	424	278	-	-	702	
Sep		123	519	-	-	3,808	1,391	-	-	5,199	
Oct		353	1,185	244	854	164	142	32	29	610	
Nov		498	1,679	89	313	10	194	-	-	293	
Dec		869	3,604	157	551	186	427	-	68	838	
Total		7,433	30,142	1,891	6,537	6,381	10,103	134	1,018	19,527	
PSE	13.4	13.8	21.5	21.5	46.9	18.5	57.1	27.5			
2012	Upper	Jan	-	-	-	-	-	-	-	-	
		Feb	105	371	-	-	-	-	-	-	-
		Mar	393	846	-	-	-	89	-	-	89
		Apr	498	1,931	126	484	49	13	-	364	551
		May	73	183	-	-	-	37	-	-	37
		Total	1,069	3,332	126	484	49	139	-	364	677
		PSE	27.7	28.3	41.1	41.1	100.0	70.3	-	55.0	
	Lower	Jan	2,529	9,846	525	2,086	284	1,753	-	545	3,107
		Feb	1,013	3,218	399	1,564	108	1,052	-	458	2,018
		Mar	1,084	4,319	264	1,048	604	844	-	328	2,040
		Apr	1,168	5,081	53	210	-	419	-	48	521
		May	187	490	-	-	910	589	-	-	1,500
		Jun	110	410	-	-	306	414	-	-	720
		Jul	-	-	-	-	-	71	-	-	71
Aug		28	124	-	-	-	91	-	-	91	
Sep		17	64	-	-	519	527	-	-	1,046	
Oct		407	1,467	54	215	166	505	-	-	726	
Nov		558	2,281	317	1,256	242	1,844	-	96	2,498	
Dec		765	3,394	310	1,357	291	2,050	17	407	3,076	
Total		7,867	30,695	1,923	7,737	3,431	10,159	17	1,882	17,412	
PSE	13.2	15.1	22.9	22.5	25.3	16.5	100.0	33.5			

**Table IV.7 Estimated effort, harvest, and discards for Striped Bass in the Tar/Pamlico River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	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	3,624	9	108	4,204
		Dec	814	3,243	441	1,889	248	1,142	-	368	2,199
		<b>Total</b>		<b>6,209</b>	<b>26,258</b>	<b>1,234</b>	<b>4,253</b>	<b>2,687</b>	<b>8,062</b>	<b>9</b>	<b>1,124</b>
		PSE	24.1	25.7	20.0	20.0	36.1	18.9	96.9	22.4	
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	982	6	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	581	5	6	782
		Dec	315	1,214	110	364	5	287	11	5	418
		<b>Total</b>		<b>3,913</b>	<b>15,102</b>	<b>1,510</b>	<b>4,696</b>	<b>843</b>	<b>3,925</b>	<b>22</b>	<b>338</b>
		PSE	12.4	15.7	26.1	26.1	29.7	18.9	62.8	27.4	
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
		<b>Total</b>		<b>2,412</b>	<b>10,474</b>	<b>233</b>	<b>794</b>	<b>512</b>	<b>2,347</b>	<b>-</b>	<b>288</b>
		PSE	15.6	16.4	20.6	20.6	34.5	21.0	-	42.3	

NOTE: Only lower zone was sampled prior to 2012.

**Table IV.7 Estimated effort, harvest, and discards for Striped Bass in the Tar/Pamlico River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	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
		Total		2,899	13,283	175	647	295	5,138	-	37
PSE		12.8	13.1	40.2	40.2	38.9	17.6	-	100.0		
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
		Total		4,144	17,001	346	1,655	114	12,393	-	-
PSE		17.3	14.2	35.4	35.4	45.6	18.6	-	-		

NOTE: Only lower zone was sampled prior to 2012.

**Table IV.8 Estimated effort, harvest, and discards for Striped Bass in the Pungo River by month.**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2019	Pungo	Jan	68	402	3	14	-	171	-	-	174
		Feb	149	861	-	-	-	103	-	-	103
		Mar	37	156	-	-	-	335	-	-	335
		Apr	-	-	-	-	30	201	-	-	231
		May	-	-	-	-	132	97	-	-	228
		Jun	760	3,390	-	-	-	894	-	-	894
		Jul	-	-	-	-	-	89	-	-	89
		Aug	38	213	-	-	36	1,197	-	-	1,233
		Sep	-	-	-	-	-	1,299	-	-	1,299
		Oct	-	-	-	-	89	393	-	-	482
		Nov	47	819	-	-	786	1,059	-	-	1,845
		Dec	-	-	-	-	72	362	-	-	435
			<b>Total</b>	<b>1,099</b>	<b>5,842</b>	<b>3</b>	<b>14</b>	<b>1,146</b>	<b>6,200</b>	<b>-</b>	<b>-</b>
	<b>PSE</b>	<b>70.9</b>	<b>61.7</b>	<b>100.0</b>	<b>100.0</b>	<b>69.9</b>	<b>24.0</b>	<b>-</b>	<b>-</b>		
2018	Pungo	Jan	28	222	39	149	-	26	-	-	64
		Feb	23	92	31	122	-	86	-	-	118
		Mar	127	740	94	363	13	1,844	-	-	1,950
		Apr	90	250	45	174	-	311	-	-	356
		May	12	55	-	-	9	187	-	-	196
		Jun	185	589	-	-	8	751	-	-	759
		Jul	39	97	-	-	278	1,246	-	-	1,523
		Aug	15	103	-	-	331	1,199	-	-	1,530
		Sep	-	-	-	-	-	307	-	-	307
		Oct	169	1,282	10	37	52	1,092	-	-	1,154
		Nov	192	1,048	119	461	78	825	-	-	1,022
		Dec	138	601	22	85	-	430	-	-	452
			<b>Total</b>	<b>1,019</b>	<b>5,080</b>	<b>360</b>	<b>1,391</b>	<b>768</b>	<b>8,304</b>	<b>-</b>	<b>-</b>
	<b>PSE</b>	<b>28.0</b>	<b>26.7</b>	<b>31.5</b>	<b>31.5</b>	<b>34.4</b>	<b>21.9</b>	<b>-</b>	<b>-</b>		
2017	Pungo	Jan	126	837	21	68	32	1,392	-	-	1,445
		Feb	69	236	-	-	-	923	-	-	923
		Mar	109	645	58	188	-	3,024	-	-	3,083
		Apr	102	408	54	175	13	3,941	-	7	4,015
		May	-	-	-	-	-	923	-	-	923
		Jun	-	-	-	-	12	1,498	-	-	1,510
		Jul	-	-	-	-	-	1,212	-	-	1,212
		Aug	-	-	-	-	-	1,135	-	-	1,135
		Sep	-	-	-	-	175	3,254	-	-	3,430
		Oct	118	658	46	149	-	1,062	31	-	1,139
		Nov	98	632	182	586	6	2,469	-	-	2,658
		Dec	392	1,615	289	905	383	1,749	-	4	2,426
			<b>Total</b>	<b>1,013</b>	<b>5,031</b>	<b>652</b>	<b>2,070</b>	<b>622</b>	<b>22,582</b>	<b>31</b>	<b>11</b>
	<b>PSE</b>	<b>16.2</b>	<b>17.8</b>	<b>24.4</b>	<b>24.4</b>	<b>2.5</b>	<b>11.5</b>	<b>100.0</b>	<b>72.1</b>		

**Table IV.8 Estimated effort, harvest, and discards for Striped Bass in the Pungo River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2016	Pungo	Jan	263	1,045	39	132	-	2,777	-	-	2,816
		Feb	191	834	13	43	-	610	-	-	623
		Mar	153	551	25	87	24	1,337	-	-	1,387
		Apr	37	233	30	102	-	60	-	15	105
		May	68	512	-	-	88	1,930	-	-	2,018
		Jun	-	-	-	-	52	501	-	-	554
		Jul	-	-	5	17	60	1,475	-	-	1,540
		Aug	-	-	-	-	100	237	-	-	338
		Sep	26	25	-	-	56	458	-	-	514
		Oct	177	823	44	149	6	1,533	-	10	1,593
		Nov	46	265	134	471	140	3,192	-	22	3,488
		Dec	306	1,382	40	138	7	3,885	-	-	3,933
			Total	1,268	5,670	330	1,139	534	17,997	-	46
	PSE	18.0	19.1	29.3	39.5	34.1	15.6	-	60.5		
2015	Pungo	Jan	93	312	37	122	-	302	-	-	339
		Feb	20	138	-	-	-	-	-	-	-
		Mar	59	371	-	-	-	-	-	-	-
		Apr	24	137	37	122	122	-	-	-	158
		May	-	-	-	-	-	22	-	-	22
		Jun	-	-	-	-	-	25	-	-	25
		Jul	-	-	-	-	9	-	-	-	9
		Aug	-	-	-	-	4	57	-	-	60
		Sep	-	-	-	-	58	361	-	-	419
		Oct	223	1,488	147	490	15	2,232	-	-	2,394
		Nov	166	608	98	329	32	929	-	-	1,059
		Dec	126	592	96	321	39	1,110	-	-	1,246
			Total	711	3,644	414	1,383	279	5,038	-	-
	PSE	21.7	30.4	27.9	27.8	50.7	25.0	-	-		
2014	Pungo	Jan	24	71	-	-	-	-	-	-	-
		Feb	11	37	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	-	-	-
		Apr	-	-	18	64	-	-	-	-	18
		May	14	70	-	-	120	71	-	-	191
		Jun	52	284	-	-	181	48	-	-	230
		Jul	-	-	-	-	3	104	-	-	107
		Aug	-	-	-	-	25	42	-	-	68
		Sep	8	14	-	-	1,460	-	-	-	1,460
		Oct	171	766	30	105	-	132	-	7	169
		Nov	83	427	99	344	145	111	-	34	388
		Dec	97	524	25	88	67	73	-	25	190
			Total	459	2,192	173	602	2,002	582	-	66
	PSE	25.3	26.9	41.8	36.2	56.3	26.5	-	56.4		

**Table IV.8 Estimated effort, harvest, and discards for Striped Bass in the Pungo River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2013	Pungo	Jan	212	1,082	50	168	-	59	-	29	137
		Feb	55	237	7	23	-	41	-	-	48
		Mar	16	45	-	-	-	46	-	6	52
		Apr	128	1,043	94	317	-	679	-	16	790
		May	-	-	-	-	63	69	-	-	132
		Jun	12	84	-	-	27	52	-	-	80
		Jul	4	12	-	-	55	96	-	-	151
		Aug	-	-	-	-	5	128	-	-	133
		Sep	-	-	-	-	309	27	-	-	336
		Oct	96	403	278	948	27	646	-	6	957
		Nov	145	1,178	217	676	99	277	-	17	611
		Dec	225	1,253	151	512	84	162	-	-	397
				<b>Total</b>	<b>892</b>	<b>5,336</b>	<b>796</b>	<b>2,644</b>	<b>669</b>	<b>2,282</b>	<b>-</b>
		PSE	21.8	23.1	23.3	23.6	20.8	24.5	-	40.8	
2012	Pungo	Jan	103	307	20	70	-	194	-	40	254
		Feb	85	372	-	-	-	66	-	-	66
		Mar	6	17	31	110	8	144	-	-	183
		Apr	69	308	-	-	-	248	-	-	248
		May	19	135	34	119	14	193	-	-	241
		Jun	-	-	-	-	31	68	-	-	99
		Jul	-	-	-	-	-	162	-	-	162
		Aug	-	-	-	-	50	217	-	-	268
		Sep	27	193	-	-	255	423	-	-	677
		Oct	188	1,090	116	406	24	96	-	12	248
		Nov	92	369	130	456	18	340	-	15	503
		Dec	109	494	33	117	-	234	-	21	289
				<b>Total</b>	<b>700</b>	<b>3,285</b>	<b>365</b>	<b>1,277</b>	<b>400</b>	<b>2,385</b>	<b>-</b>
		PSE	19.6	26.0	37.4	37.4	49.4	16.9	-	46.4	
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>1,171</b>	<b>-</b>
		PSE	24.5	31.8	43.3	43.3	50.0	32.2	-	64.1	

**Table IV.8 Estimated effort, harvest, and discards for Striped Bass in the Pungo River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2010	Pungo	Jan	33	94	-	-	-	47	-	-	47
		Feb	15	110	11	38	-	-	-	-	11
		Mar	7	116	17	93	-	-	-	-	17
		Apr	16	116	30	76	-	66	7	-	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
			Total		156	909	138	480	118	576	7
	PSE		34.4	30.3	27.6	27.6	41.9	33.2	106.9	102.4	
2009	Pungo	Jan	73	497	53	180	-	32	7	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	1,681	7
	PSE		18.0	17.7	24.7	24.7	24.7	38.8	97.9	25.4	
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	-
	PSE		20.7	22.5	29.2	29.2	44.5	21.5	-	115.5	

**Table IV.8 Estimated effort, harvest, and discards for Striped Bass in the Pungo River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
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	-	498	7	-	515
		Dec	58	438	77	242	35	546	-	-	658
				Total	991	7,870	635	2,024	109	4,422	7
		PSE	15.8	18.3	22.4	22.4	56.2	15.0	93.7	-	

**Table IV.9 Estimated effort, harvest, and discards for Striped Bass in the Cape Fear River by month.**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest <sup>1</sup>		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2019	Cape Fear	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	-	-	4	-	-	-	4
		Apr	24	94	-	-	-	415	-	-	415
		May	-	-	-	-	-	2,064	-	-	2,064
		Total	24	94	-	-	-	2,482	-	-	2,482
		PSE	100.0	100.0	-	-	-	82.0	-	-	-
2018	Cape Fear	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	18	35	-	-	-	-	-	-	-
		Apr	-	-	-	-	-	-	-	-	-
		May	7	26	-	-	140	-	-	-	140
		Total	24	61	-	-	140	-	-	-	140
		PSE	77.1	71.5	-	-	70.8	-	-	-	-
2017	Cape Fear	Jan	-	-	-	-	-	-	-	-	-
		Feb	26	159	-	-	14	-	-	-	14
		Mar	-	-	-	-	-	-	-	-	-
		Apr	-	-	-	-	-	-	-	-	-
		May	-	-	-	-	-	-	-	-	-
		Total	26	159	-	-	14	-	-	-	14
		PSE	100.0	100.0	-	-	100.0	-	-	-	-
2016	Cape Fear	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	179	750	-	-	10	12	-	-	22
		Apr	87	315	-	-	17	-	-	-	17
		May	126	399	-	-	588	-	-	-	588
		Total	391	1,464	-	-	616	12	-	-	628
		PSE	46.4	44.4	-	-	95.8	100.0	-	-	-
2015	Cape Fear	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	110	422	-	-	22	-	-	-	22
		Apr	19	181	-	-	-	162	-	-	162
		May	79	100	-	-	-	15	-	-	15
		Total	209	702	-	-	22	176	-	-	199
		PSE	50.1	53.0	-	-	100.0	57.4	-	-	-
2014	Cape Fear	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	138	582	-	-	-	-	-	-	-
		Apr	138	833	-	-	708	703	-	-	1,412
		May	161	748	-	-	122	17	-	-	139
		Total	438	2,164	-	-	830	721	-	-	1,551
		PSE	42.0	45.9	-	-	72.7	77.5	-	-	-

**Table IV.9 Estimated effort, harvest, and discards for Striped Bass in the Cape Fear River by month (continued).**

Year	Area	Month	Target Striped Bass Trips	Target Striped Bass Hours	Harvest <sup>2</sup>		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
2013	Cape Fear	Jan	-	-	-	-	-	-	-	-	-
		Feb	-	-	-	-	-	-	-	-	-
		Mar	-	-	-	-	-	-	-	-	-
		Apr	92	399	-	-	-	81	-	-	81
		May	165	470	-	-	263	11	-	-	274
		Total	257	870	-	-	263	92	-	-	355
		PSE	48.6	63.1	-	-	90.8	55.6	-	-	

<sup>2</sup> A moratorium on harvest of Striped Bass in the Cape Fear River was implemented in 2012.

**Table IV.10 Estimated shad effort and catch<sup>3</sup> (in numbers) by river in the CSMA.**

Year	River	Month	Shad genus		American Shad		Hickory Shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2019	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	653	204	-	-	-	-
		Mar	862	1,463	39	-	26	69
		Apr	194	792	111	-	-	-
		May	-	-	-	-	-	-
		Total	1,708	2,459	150	-	26	69
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	1,541	5,970	33	6	676	1,279
		Mar	2,213	7,131	4	33	1,550	6,842
		Apr	367	1,442	28	25	146	524
		May	-	-	-	-	-	-
		Total	4,120	14,544	65	64	2,372	8,645
	Lower Neuse River	Jan	307	677	-	-	25	-
		Feb	820	2,822	-	59	499	466
		Mar	746	2,520	-	-	1,088	1,188
		Apr	15	70	-	-	108	46
		May	-	-	-	-	-	-
		Total	1,889	6,088	-	59	1,720	1,701
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	1,958	4,355	12	486	394	708
Mar		3,187	7,661	171	2,277	3,533	9,446	
Apr		571	1,175	369	357	313	247	
May		-	-	-	-	-	-	
Total		5,716	13,191	552	3,120	4,240	10,401	
Lower Tar/Pamlico	Jan	-	-	-	-	-	-	
	Feb	-	-	-	-	-	-	
	Mar	15	33	-	-	-	-	
	Apr	-	-	-	-	-	-	
	May	-	-	-	-	-	4	
	Total	15	33	-	-	-	4	
Cape Fear River	Jan	-	-	-	-	-	-	
	Feb	-	-	-	-	-	-	
	Mar	311	805	634	806	-	-	
	Apr	443	1,470	1,387	2,161	-	20	
	May	244	680	250	441	-	-	
	Total	999	2,955	2,271	3,408	-	20	
All Areas Combined	Jan	307	677	-	-	25	-	
	Feb	4,973	13,352	46	551	1,569	2,453	
	Mar	7,334	19,613	848	3,116	6,198	17,546	
	Apr	1,590	4,948	1,894	2,543	567	837	
	May	244	680	250	441	-	4	
	Total	14,448	39,270	3,038	6,652	8,358	20,841	

<sup>3</sup> Catch of American Shad and Hickory Shad were calculated by assigning a ratio of observed shad by species to reported miscellaneous catch. PSEs are not available for shad.

**Table IV.10 Estimated shad effort and catch<sup>3</sup> (in numbers) by river in the CSMA (continued).**

Year	River	Month	Shad genus		American Shad		Hickory Shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2018	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	2,655	3,038	30	-	30	-
		Mar	1,271	2,745	24	36	80	-
		Apr	24	84	-	-	-	-
		May	15	7	-	-	-	-
		Total	3,964	5,874	54	36	110	-
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	5,145	20,422	36	217	9,573	31,837
		Mar	2,997	11,064	22	104	5,637	20,999
		Apr	574	970	-	-	319	399
		May	-	-	-	-	-	-
		Total	8,716	32,457	58	322	15,529	53,451
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	87	342	-	-	234	56
		Mar	586	2,141	-	-	1,364	4,415
		Apr	-	-	-	-	32	21
		May	-	-	-	-	-	-
		Total	673	2,483	-	-	1,630	4,493
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	2,373	3,287	391	873	195	1,658
		Mar	2,496	6,896	138	391	487	4,060
Apr		629	2,288	131	1,301	158	298	
May		151	343	25	202	-	25	
Total		5,648	12,814	685	2,767	840	6,041	
Lower Tar/Pamlico	Jan	-	-	-	-	-	-	
	Feb	14	15	-	-	-	-	
	Mar	-	-	-	-	50	176	
	Apr	34	73	-	-	34	-	
	May	-	-	-	-	-	-	
	Total	48	89	-	-	85	262	
Cape Fear River	Jan	-	-	-	-	-	-	
	Feb	-	-	-	-	-	-	
	Mar	737	2,774	676	1,298	12	53	
	Apr	1,654	7,850	4,104	2,854	-	-	
	May	217	899	585	196	-	-	
	Total	2,609	11,522	5,366	7,924	12	56	
All Areas Combined	Jan	-	-	-	-	-	-	
	Feb	10,274	27,105	457	1,090	10,033	33,551	
	Mar	8,086	25,620	860	1,829	7,631	29,703	
	Apr	2,915	11,266	4,235	4,155	544	717	
	May	383	1,249	610	398	-	25	
	Total	21,658	65,239	6,163	11,049	18,207	64,302	

<sup>3</sup> Catch of American Shad and Hickory Shad were calculated by assigning a ratio of observed shad by species to reported miscellaneous catch. PSEs are not available for shad.

**Table IV.10 Estimated shad effort and catch<sup>3</sup> (in numbers) by river in the CSMA (continued).**

Year	River	Month	Shad genus		American Shad		Hickory Shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2017	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	-	-	-	-	-	-
		Mar	1,146	2,725	44	11	480	273
		Apr	560	1,103	-	-	-	-
		May	-	-	-	-	-	-
		Total	1,706	3,828	44	11	480	273
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	4,037	14,512	204	782	3,871	13,230
		Mar	4,136	16,841	140	1,285	8,161	33,858
		Apr	549	3,008	19	96	557	3,880
		May	-	-	-	-	-	-
		Total	8,722	34,362	363	2,136	12,590	50,996
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	1,104	5,957	1	-	402	426
		Mar	1,534	5,928	112	444	3,299	20,577
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
		Total	2,638	11,885	113	444	3,701	21,662
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	1,871	6,814	132	318	81	190
		Mar	3,576	9,190	677	1,848	1,550	6,711
Apr		593	667	88	44	-	207	
May		60	77	1	-	50	1	
Total		6,101	16,748	897	2,210	1,680	7,108	
Lower Tar/Pamlico	Jan	-	-	-	-	-	-	
	Feb	22	160	-	7	-	-	
	Mar	-	-	-	-	-	-	
	Apr	52	129	1	-	15	16	
	May	-	-	-	-	-	-	
	Total	74	290	1	7	15	16	
Cape Fear River	Jan	-	-	-	-	-	-	
	Feb	623	2,481	319	389	-	-	
	Mar	427	1,647	617	2,147	14	-	
	Apr	319	1,837	416	133	-	-	
	May	-	-	-	-	-	-	
	Total	1,368	5,965	1,352	2,669	14	-	
All Areas Combined	Jan	-	-	-	-	-	-	
	Feb	7,656	29,926	656	1,496	4,354	13,846	
	Mar	10,819	36,330	1,590	5,735	13,504	61,420	
	Apr	2,073	6,744	524	273	572	4,104	
	May	60	77	1	-	50	1	
	Total	20,609	73,077	2,769	7,477	18,480	80,056	

<sup>3</sup> Catch of American Shad and Hickory Shad were calculated by assigning a ratio of observed shad by species to reported miscellaneous catch. PSEs are not available for shad.

**Table IV.10 Estimated shad effort and catch<sup>3</sup> (in numbers) by river in the CSMA (continued).**

Year	River	Month	Shad genus		American Shad		Hickory Shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2016	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	172	144	-	-	-	-
		Mar	1,235	2,601	90	50	898	150
		Apr	643	1,174	102	282	-	-
		May	171	488	-	798	-	-
		Total	2,221	4,406	192	1,144	898	136
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	1,191	2,783	-	-	505	249
		Mar	4,454	13,958	60	280	7,651	28,168
		Apr	151	27	-	-	-	-
		May	-	-	-	-	-	-
		Total	5,795	16,768	60	279	8,157	28,418
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	362	996	-	-	21	42
		Mar	1,212	5,042	-	-	1,777	1,498
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
		Total	1,573	6,038	-	-	1,798	1,540
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	495	315	-	-	-	-
		Mar	2,748	9,309	492	1,043	1,186	11,531
		Apr	1,711	8,026	559	1,776	223	-
		May	241	282	-	-	-	-
		Total	5,195	17,932	1,051	2,820	1,409	11,531
	Lower Tar/Pamlico	Jan	-	-	-	-	-	-
		Feb	8	35	-	-	-	-
		Mar	34	155	-	-	-	-
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
Total		42	191	-	-	-	-	
Cape Fear River	Jan	-	-	-	-	-	-	
	Feb	29	72	-	-	-	-	
	Mar	2,321	10,072	5,157	4,114	-	-	
	Apr	2,294	11,354	4,682	7,144	-	-	
	May	406	1,009	405	129	-	-	
	Total	5,050	22,507	10,244	11,388	-	-	
All Areas Combined	Jan	-	-	-	-	-	-	
	Feb	2,257	4,345	-	-	526	291	
	Mar	12,003	41,137	5,799	5,488	11,513	41,347	
	Apr	4,799	20,581	5,343	9,203	223	-	
	May	818	1,779	405	927	-	-	
	Total	19,877	67,842	11,547	15,631	12,262	41,684	

<sup>3</sup> Catch of American Shad and Hickory Shad were calculated by assigning a ratio of observed shad by species to reported miscellaneous catch. PSEs are not available for shad.

**Table IV.10 Estimated shad effort and catch<sup>3</sup> (in numbers) by river in the CSMA (continued).**

Year	River	Month	Shad genus		American Shad		Hickory Shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2015	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	-	-	-	-	-	-
		Mar	2,378	4,123	28	16	1,562	172
		Apr	712	1,245	65	92	768	163
		May	41	154	-	-	-	-
		Total	3,131	5,522	94	107	2,330	335
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	365	420	-	-	-	-
		Mar	3,259	10,237	-	17	5,299	9,882
		Apr	1,025	3,452	-	13	2,742	2,100
		May	-	-	-	-	-	-
		Total	4,649	14,109	-	30	8,040	11,981
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	142	362	-	-	-	-
		Mar	95	286	-	-	48	-
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
		Total	237	648	-	-	48	-
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	121	302	-	-	-	-
		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	-	100
		Total	3,682	9,652	1,006	3,917	864	4,821
	Lower Tar/Pamlico	Jan	-	-	-	-	-	-
		Feb	-	-	-	-	-	-
		Mar	-	-	-	-	-	-
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
Total		-	-	-	-	-	-	
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	6,388	12	1	
All Areas Combined	Jan	-	-	-	-	-	-	
	Feb	628	1,084	-	-	-	-	
	Mar	9,677	27,431	2,707	2,954	7,518	14,118	
	Apr	4,408	13,943	2,288	5,286	3,776	2,983	
	May	398	1,403	240	2,138	-	100	
	Total	15,111	43,861	5,235	10,442	11,293	17,138	

<sup>3</sup> Catch of American Shad and Hickory Shad were calculated by assigning a ratio of observed shad by species to reported miscellaneous catch. PSEs are not available for shad.

**Table IV.10 Estimated shad effort and catch<sup>3</sup> (in numbers) by river in the CSMA (continued).**

Year	River	Month	Shad genus		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	1,681	3,028	128	185	1,130	2,596
		Mar	4,307	11,318	-	73	5,219	11,347
		Apr	570	1,150	-	-	74	60
		May	-	-	-	-	-	-
		Total	6,558	15,495	128	261	6,424	14,000
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	3,046	9,084	-	-	6,429	12,536
		Mar	1,542	3,389	285	120	2,024	775
		Apr	222	260	-	-	-	-
		May	-	-	-	-	-	-
		Total	4,810	12,733	285	120	8,453	13,311
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	425	1,378	-	-	-	-
		Mar	1,118	2,570	112	1,207	123	711
		Apr	1,011	2,949	56	107	218	1,340
		May	-	-	-	-	-	-
		Total	2,554	6,897	168	1,314	341	2,052
Lower Tar/Pamlico	Jan	-	-	-	-	-	-	
	Feb	40	7	-	-	-	-	
	Mar	37	132	-	-	-	-	
	Apr	-	-	-	-	-	-	
	May	-	-	-	-	-	-	
	Total	78	138	-	-	-	-	
Cape Fear River	Jan	-	-	-	-	-	-	
	Feb	-	-	-	-	-	-	
	Mar	559	1,366	372	-	-	-	
	Apr	1,898	9,161	5,400	9,719	-	-	
	May	553	1,914	1,680	1,306	-	-	
	Total	3,010	12,441	7,453	11,025	-	-	
All Areas Combined	Jan	-	-	-	-	-	-	
	Feb	5,192	13,496	128	185	7,559	15,132	
	Mar	9,303	23,390	768	2,017	7,768	13,571	
	Apr	4,330	14,205	5,457	9,826	292	1,400	
	May	553	1,914	1,680	1,306	-	-	
	Total	19,378	53,006	8,034	13,337	15,619	30,100	

<sup>3</sup> Catch of American Shad and Hickory Shad were calculated by assigning a ratio of observed shad by species to reported miscellaneous catch. PSEs are not available for shad.

**Table IV.10 Estimated shad effort and catch<sup>3</sup> (in numbers) by river in the CSMA (continued).**

Year	River	Month	Shad genus		American Shad		Hickory Shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2013	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	390	390	-	-	-	-
		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	6,883	13,807	315	2,784	1,735	2,111
	Middle Neuse River	Jan	-	-	-	-	-	-
		Feb	1,093	1,819	99	-	1,712	1,332
		Mar	5,881	14,474	337	28	8,791	10,212
		Apr	1,210	2,819	18	53	678	882
		May	-	-	-	-	-	-
		Total	8,184	19,111	454	80	11,181	12,426
	Lower Neuse River	Jan	-	-	-	-	-	-
		Feb	209	383	-	-	-	-
		Mar	619	464	619	-	-	19
		Apr	-	-	-	-	-	-
		May	-	-	-	-	-	-
		Total	828	847	619	-	-	19
	Upper Tar River	Jan	-	-	-	-	-	-
		Feb	492	594	64	64	51	25
		Mar	3,406	7,535	763	1,668	2,073	6,183
Apr		1,866	4,814	1,050	4,397	294	923	
May		404	1,819	666	1,539	-	-	
Total		6,169	14,762	2,543	7,668	2,418	7,131	
Lower Tar/Pamlico	Jan	-	-	-	-	-	-	
	Feb	-	-	-	-	-	-	
	Mar	1,218	1,716	-	-	-	29	
	Apr	27	88	-	-	-	-	
	May	-	-	-	-	-	-	
	Total	1,245	1,804	-	-	-	29	
Cape Fear River	Jan	-	-	-	-	-	-	
	Feb	-	-	-	-	-	-	
	Mar	7,234	29,125	6,332	22,596	-	152	
	Apr	4,789	25,123	10,155	11,477	15	9	
	May	741	2,833	2,157	202	-	-	
	Total	12,765	57,081	18,643	34,275	15	161	
All Areas Combined	Jan	-	-	-	-	-	-	
	Feb	2,184	3,186	163	64	1,763	1,357	
	Mar	21,708	59,626	8,089	24,465	12,311	18,423	
	Apr	10,465	38,476	11,498	17,967	1,274	2,098	
	May	1,716	6,125	2,823	2,311	-	-	
	Total	36,073	107,413	22,574	44,807	15,439	21,879	

<sup>3</sup> Catch of American Shad and Hickory Shad were calculated by assigning a ratio of observed shad by species to reported miscellaneous catch. PSEs are not available for shad.

**Table IV.10 Estimated shad effort and catch<sup>1</sup> (in numbers) by river in the CSMA (continued).**

Year	River <sup>4</sup>	Month	Shad genus		American Shad		Hickory Shad	
			Trips	Hours	Harvest	Released	Harvest	Released
2012	Upper Neuse River	Jan	-	-	-	-	-	-
		Feb	1,332	1,892	-	-	551	69
		Mar	3,432	7,041	804	124	2,649	2,314
		Apr	192	242	-	289	-	41
		May	95	80	-	-	-	-
		Total	5,052	9,255	796	427	3,209	2,478
	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	9,629	11,003	178	130	1,200	2,011
	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	573	311	-	-
		May	47	35	-	-	-	-
		Total	4,804	13,343	959	4,396	430	7,268
	Lower Tar/Pamlico	Jan	47	124	-	-	-	-
		Feb	220	251	-	-	-	-
		Mar	193	602	-	-	-	80
Apr		47	78	-	-	-	-	
May		-	-	-	-	-	-	
Total		507	1,056	-	-	-	80	
Cape Fear River	Jan	-	-	-	-	-	-	
	Feb	-	-	-	-	-	-	
	Mar	-	-	-	-	-	-	
	Apr	-	-	-	-	-	-	
	May	-	-	-	-	-	-	
	Total	-	-	-	-	-	-	
All Areas Combined	Jan	368	539	-	-	-	-	
	Feb	12,055	23,165	61	814	3,092	8,272	
	Mar	17,402	41,201	1,290	3,635	8,172	28,941	
	Apr	1,040	1,872	573	600	-	41	
	May	142	115	-	-	-	-	
	Total	31,007	66,892	1,976	5,052	11,300	37,321	

<sup>3</sup> Catch of American Shad and Hickory Shad were calculated by assigning a ratio of observed shad by species to reported miscellaneous catch. PSEs are not available for shad.

<sup>4</sup> Cape Fear not sampled in 2012.

**Table IV.11 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
2019	January	0.11	1.01	1.12
	February	0.03	0.25	0.28
	March	0.01	0.37	0.38
	April	-	0.10	0.10
	May	-	0.32	0.32
	June	-	0.42	0.42
	July	-	0.17	0.17
	August	-	0.26	0.26
	September	-	0.34	0.34
	October	-	0.12	0.12
	November	-	1.18	1.18
	December	-	0.23	0.23
	Annual		0.01	0.33
2018	January	0.13	1.65	1.78
	February	0.06	0.24	0.31
	March	0.05	0.59	0.64
	April	0.06	0.19	0.25
	May	-	0.66	0.66
	June	-	0.56	0.56
	July	-	0.57	0.57
	August	-	0.61	0.61
	September	-	0.17	0.17
	October	-	0.35	0.35
	November	0.03	0.64	0.67
	December	0.08	1.66	1.73
	Annual		0.03	0.51
2017	January	0.01	0.98	1.00
	February	0.07	0.92	0.98
	March	0.08	0.86	0.94
	April	0.08	0.91	0.99
	May	-	1.00	1.00
	June	-	1.00	1.00
	July	-	0.97	0.97
	August	-	1.00	1.00
	September	-	0.99	1.00
	October	0.12	0.85	0.97
	November	0.13	0.81	0.95
	December	0.19	0.78	0.98
	Annual		0.05	0.93

**Table IV.11 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
2016	January	0.27	2.34	2.61
	February	0.05	0.39	0.44
	March	0.03	0.34	0.36
	April	0.15	0.46	0.61
	May	-	0.39	0.39
	June	-	0.26	0.26
	July	-	0.31	0.31
	August	-	0.48	0.48
	September	-	0.65	0.65
	October	0.03	1.09	1.12
	November	0.03	0.92	0.95
	December	0.16	2.67	2.82
	Annual	0.06	0.65	0.71
2015	January	0.14	0.67	0.80
	February	0.18	0.54	0.72
	March	0.04	0.06	0.10
	April	0.03	0.10	0.13
	May	-	0.04	0.04
	June	-	0.13	0.13
	July	-	0.52	0.52
	August	-	0.04	0.04
	September	-	0.49	0.49
	October	0.04	0.58	0.62
	November	0.08	0.65	0.74
	December	0.12	1.12	1.24
	Annual	0.04	0.29	0.32
2014	January	0.14	0.07	0.21
	February	0.05	0.15	0.20
	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	-	0.82	0.82
	October	0.02	0.44	0.46
	November	0.11	0.95	1.06
	December	0.05	0.64	0.69
	Annual	0.04	0.32	0.36

**Table IV.11 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
2013	January	0.13	0.48	0.61
	February	0.10	0.45	0.55
	March	0.02	0.06	0.08
	April	0.04	0.13	0.16
	May	-	0.15	0.15
	June	-	0.73	0.73
	July	-	0.27	0.27
	August	-	0.42	0.42
	September	-	0.76	0.76
	October	0.19	0.31	0.50
	November	0.07	0.18	0.26
	December	0.07	0.21	0.28
	Annual	0.04	0.24	0.28
2012	January	0.16	0.61	0.77
	February	0.05	0.34	0.39
	March	0.02	0.10	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	0.09	0.26	0.35
	November	0.09	0.63	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	-	0.40	0.40
	August	-	0.21	0.21
	September	-	1.10	1.10
	October	0.09	0.71	0.80
	November	0.14	1.30	1.43
	December	0.21	0.93	1.14
	Annual	0.06	0.53	0.60

**Table IV.11 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
2010	January	0.17	0.62	0.79
	February	0.50	1.40	1.90
	March	0.15	0.45	0.60
	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	0.70	0.86
	Annual	0.05	0.21	0.26
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

**Table IV.11** 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
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

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished.**

County	2019		2018		2017		2016		2015		2014	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
<b>Upper Neuse River</b>												
Beaufort	0	0	0	0	1	1.4	0	0	0	0	0	0
Bladen	1	1.0	0	0	0	0	0	0	0	0	0	0
Brunswick	0	0	0	0	0	0	0	0	0	0	1	0.9
Burke	0	0	0	0	0	0	0	0	0	0	2	1.8
Camden	0	0	0	0	1	1.4	0	0	0	0	0	0
Carteret	0	0	0	0	0	0	0	0	0	0	0	0
Caswell	0	0	0	0	0	0	0	0	0	0	0	0
Chatham	0	0	0	0	0	0	0	0	0	0	1	0.9
Cumberland	0	0	0	0	2	2.8	1	1.0	1	0.7	0	0
Duplin	2	1.9	0	0	0	0	1	1.0	3	2.2	0	0
Durham	0	0	0	0	0	0	1	1.0	0	0	0	0
Edgecombe	0	0	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	1	1.1	0	0	0	0	3	2.2	0	0
Graham	0	0	0	0	0	0	0	0	0	0	1	0.9
Granville	0	0	0	0	0	0	0	0	1	0.7	0	0
Guilford	0	0	0	0	0	0	0	0	0	0	2	1.8
Halifax	0	0	0	0	0	0	0	0	1	0.7	0	0
Harnett	2	1.9	0	0	1	1.4	0	0	0	0	0	0
Hyde	0	0	0	0	0	0	0	0	1	0.7	0	0
Johnston	12	11.7	23	24.2	13	18.1	19	19.6	25	18.2	23	20.4
Lenoir	1	1.0	0	0	0	0	0	0	0	0	2	1.8
Mecklenburg	0	0	0	0	0	0	0	0	1	0.7	0	0
Nash	0	0	0	0	0	0	0	0	0	0	0	0
New Hanover	0	0	0	0	0	0	0	0	1	0.7	0	0
Onslow	0	0	0	0	0	0	0	0	2	1.5	0	0
Orange	0	0	1	1.1	0	0	0	0	0	0	0	0
Pitt	0	0	0	0	0	0	1	1.0	0	0	0	0
Robeson	0	0	0	0	0	0	1	1.0	0	0	0	0
Sampson	2	1.9	3	3.2	1	1.4	0	0	2	1.5	2	1.8
Wake	42	40.8	33	34.7	18	25.0	43	44.3	45	32.8	39	34.5
Wayne	41	39.8	33	34.7	35	48.6	30	30.9	49	35.8	40	35.4
Wilson	0	0	1	1.1	0	0	0	0	2	1.5	0	0
<b>Total</b>	<b>103</b>	<b>100.0</b>	<b>95</b>	<b>100.0</b>	<b>72</b>	<b>100.0</b>	<b>97</b>	<b>100.0</b>	<b>137</b>	<b>100.0</b>	<b>113</b>	<b>100.0</b>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2013		2012	
	Num	%	Num	%
<b>Upper Neuse River</b>				
Beaufort	0	0	0	0
Bladen	0	0	0	0
Brunswick	0	0	0	0
Burke	0	0	0	0
Camden	0	0	0	0
Carteret	1	0.4	0	0
Caswell	2	0.8	0	0
Chatham	0	0	0	0
Cumberland	1	0.4	0	0
Duplin	1	0.4	1	0.2
Durham	2	0.8	0	0
Edgecombe	0	0	32	7.4
Franklin	2	0.8	9	2.1
Graham	0	0	0	0
Granville	1	0.4	0	0
Guilford	0	0	0	0
Halifax	0	0	0	0
Harnett	4	1.7	9	2.1
Hyde	0	0	0	0
Johnston	41	17	135	31.3
Lenoir	1	0.4	3	0.7
Mecklenburg	0	0	0	0
Nash	1	0.4	1	0.2
New Hanover	0	0	0	0
Onslow	0	0	0	0
Orange	0	0	0	0
Pitt	1	0.4	0	0
Robeson	0	0	2	0.5
Sampson	5	2.1	6	1.4
Wake	118	49	82	19
Wayne	60	24.9	148	34.3
Wilson	0	0	2	0.5
<b>Total</b>	<b>241</b>	<b>100.0</b>	<b>430</b>	<b>100.0</b>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2019		2018		2017		2016		2015		2014	
	Num	%										
<b>Middle Neuse River</b>												
Beaufort	3	1.0	4	1.9	3	1.7	1	0.7	1	0.5	3	2.0
Carteret	2	0.7	5	2.4	2	1.1	1	0.7	2	1.0	1	0.7
Catawba	1	0.3	0	0	0	0	0	0	0	0	0	0
Chatham	0	0	1	0.5	0	0	0	0	0	0	0	0
Craven	54	18.8	21	10.1	24	13.6	13	9.4	31	15.3	6	4.0
Cumberland	1	0.3	0	0	0	0	0	0	1	0.5	0	0
Davidson	0	0	1	0.5	0	0	0	0	0	0	0	0
Duplin	15	5.2	10	4.8	6	3.4	3	2.2	5	2.5	3	2.0
Edgecombe	1	0.3	2	1.0	1	0.6	1	0.7	0	0	0	0
Forsyth	0	0	0	0	1	0.6	0	0	0	0	0	0
Granville	0	0	1	0.5	0	0	0	0	0	0	0	0
Greene	12	4.2	11	5.3	21	11.9	15	10.8	34	16.7	13	8.7
Guilford	0	0.0	1	0.5	1	0.6	0	0	0	0	0	0
Harnett	2	0.7	1	0.5	1	0.6	1	0.7	1	0.5	0	0
Hoke	0	0	1	0.5	0	0	0	0.0	0	0	0	0
Hyde	0	0	0	0	1	0.6	0	0	0	0	0	0
Johnston	13	4.5	3	1.4	3	1.7	3	2.2	4	2.0	3	2.0
Jones	13	4.5	6	2.9	4	2.3	5	3.6	6	3.0	8	5.4
Lenoir	76	26.5	51	24.6	37	20.9	41	29.5	58	28.6	60	40.3
Martin	1	0.3	0	0	0	0	0	0	0	0	0	0
Nash	0	0	2	1.0	2	1.1	1	0.7	0	0	0	0
New Hanover	0	0	0	0	0	0	0	0	0	0	0	0
Onslow	6	2.1	8	3.9	2	1.1	1	0.7	4	2.0	1	0.7
Pamlico	3	1.0	1	0.5	0	0	0	0.0	0	0	0	0
Pasquotank	1	0.3	0	0	0	0	0	0	0	0	0	0
Pender	0	0	1	0.5	0	0	0	0	0	0	0	0
Person	1	0.3	0	0	0	0	0	0	0	0	0	0
Pitt	53	18.5	45	21.7	39	22.0	39	28.1	38	18.7	36	24.2
Robeson	0	0	1	0.5	0	0	0	0	0	0	0	0
Transylvania	0	0	0	0	0	0	0	0	1	0.5	0	0
Sampson	5	1.7	0	0	0	0	1	0.7	0	0	0	0
Scotland	0	0	1	0.5	0	0	0	0	0	0	0	0
Wake	2	0.7	4	1.9	9	5.1	0	0	1	0.5	0	0
Washington	0	0	0	0	0	0	0	0	1	0.5	0	0
Wayne	22	7.7	25	12.1	18	10.2	11	7.9	14	6.9	15	10.1
Wilson	0	0	0	0	2	1.1	2	1.4	1	0.5	0	0
<b>Total</b>	<b>287</b>	<b>100.0</b>	<b>207</b>	<b>100.0</b>	<b>177</b>	<b>100.0</b>	<b>139</b>	<b>100.0</b>	<b>203</b>	<b>100.0</b>	<b>149</b>	<b>100.0</b>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2013		2012	
	Num	%	Num	%
<b>Middle Neuse River</b>				
Beaufort	2	0.9	3	0.8
Carteret	6	2.8	14	3.5
Catawba	0	0	0	0
Chatham	0	0	8	2
Craven	22	10.2	31	7.8
Cumberland	1	0.5	7	1.8
Davidson	0	0	1	0.3
Duplin	5	2.3	10	2.5
Edgecombe	0	0	0	0
Forsyth	0	0	0	0
Granville	0	0	0	0
Greene	25	11.6	82	20.6
Guilford	1	0.5	2	0.5
Harnett	0	0	2	0.5
Hoke	0	0	0	0
Hyde	0	0	0	0
Johnston	0	0	11	2.8
Jones	9	4.2	2	0.5
Lenoir	87	40.5	92	23.1
Martin	1	0.5	0	0
Nash	0	0	3	0.8
New Hanover	2	0.9	0	0
Onslow	2	0.9	4	1
Pamlico	0	0	0	0
Pasquotank	0	0	0	0
Pender	1	0.5	0	0
Person	0	0	0	0
Pitt	35	16.3	64	16
Robeson	0	0	0	0
Transylvania	0	0	0	0
Sampson	0	0	0	0
Scotland	0	0	0	0
Wake	0	0	4	1
Washington	0	0	0	0
Wayne	14	6.5	58	14.5
Wilson	2	0.9	1	0.3
<b>Total</b>	<b>215</b>	<b>100.0</b>	<b>399</b>	<b>100.0</b>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2019		2018		2017		2016		2015		2014	
	Num	%										
<b>Lower Neuse River</b>												
Alamance	2	0.2	0	0	0	0	0	0	0	0	0	0
Ashe	0	0	0	0	1	0.1	0	0	0	0	0	0
Beaufort	15	1.7	0	0	5	0.6	4	0.7	4	0.8	2	0.5
Brunswick	0	0	1	0.2	1	0.1	1	0.2	0	0	2	0.5
Cabarrus	0	0	1	0.2	0	0	0	0	0	0	0	0
Carteret	16	1.8	13	2.1	21	2.5	13	2.4	12	2.3	14	3.3
Catawba	1	0.1	0	0	0	0	0	0	0	0	0	0.0
Chowan	0	0	1	0.2	0	0	0	0	0	0	0	0
Columbus	5	0.6	4	0.7	11	1.3	5	0.9	4	0.8	1	0.2
Chatham	0	0	0	0	0	0	0	0	0	0	0	0
Craven	370	42.5	252	41.0	339	39.6	225	41.0	233	44.0	200	47.2
Cumberland	5	0.6	2	0.3	0	0	0	0	2	0.4	1	0.2
Currituck	1	0.1	0	0	0	0	0	0	0	0	0	0
Davidson	0	0	0	0	1	0.1	0	0	0	0	1	0.2
Duplin	17	2.0	27	4.4	22	2.6	12	2.2	9	1.7	3	0.7
Durham	1	0.1	0	0	0	0	0	0	0	0	0	0
Edgecombe	1	0.1	2	0.3	1	0.1	0	0	0	0	2	0.5
Franklin	2	0.2	2	0.3	0	0	0	0	0	0	0	0
Forsyth	0	0	0	0	0	0	0	0	3	0.6	0	0
Gaston	0	0	0	0	2	0.2	0	0	0	0	0	0
Granville	1	0.1	0	0	2	0.2	0	0	0	0	0	0
Greene	16	1.8	3	0.5	21	2.5	12	2.2	7	1.3	10	2.4
Guilford	2	0.2	1	0.2	0	0	0	0	2	0.4	0	0
Iredell	0	0	0	0	0	0	0	0	0	0	0	0
Halifax	0	0	0	0	1	0.1	0	0	0	0	0	0
Harnett	1	0.1	1	0.2	2	0.2	1	0.2	1	0.2	2	0.5
Hertford	0	0	0	0	0	0	1	0.2	0	0	0	0
Johnston	8	0.9	7	1.1	10	1.2	2	0.4	6	1.1	10	2.4
Jones	62	7.1	60	9.8	56	6.5	42	7.7	37	7.0	23	5.4
Lenoir	61	7.0	29	4.7	58	6.8	37	6.7	40	7.6	31	7.3
Martin	2	0.2	0	0	2	0.2	0	0	1	0.2	0	0
Mecklenburg	1	0.1	2	0.3	0	0	0	0	1	0.2	1	0.2
Moore	1	0.1	0	0	1	0.1	1	0.2	0	0	1	0.2
Nash	2	0.2	0	0	0	0	0	0	1	0.2	0	0
New Hanover	0	0	0	0	5	0.6	3	0.5	2	0.4	0	0
Onslow	114	13.1	114	18.6	146	17.0	94	17.1	74	14.0	75	17.7
Orange	0	0	0	0	1	0.1	0	0	0	0	1	0.2
Pamlico	42	4.8	27	4.4	47	5.5	38	6.9	32	6.0	18	4.2
Pender	2	0.2	3	0.5	4	0.5	3	0.5	2	0.4	0	0
Pitt	59	6.8	32	5.2	54	6.3	28	5.1	28	5.3	9	2.1
Randolph	0	0	3	0.5	0	0	0	0	1	0.2	0	0

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2013		2012		2011		2010		2009		2008	
	Num	%										
<b>Lower Neuse River</b>												
Alamance	1	0.2	0	0	0	0	0	0	0	0	0	0
Ashe	0	0	0	0	0	0	0	0	0	0	0	0
Beaufort	5	0.8	4	0.3	0	0	0	0	0	0	0	0
Brunswick	1	0.2	10	0.8	0	0	0	0	0	0	0	0
Cabarrus	0	0	0	0	0	0	0	0	0	0	0	0
Carteret	10	1.7	34	2.8	3	2.1	0	0	1	3.6	1	1.8
Catawba	1	0.2	0	0	0	0	0	0	0	0	0	0
Chowan	0	0	0	0	0	0	0	0	0	0	0	0
Columbus	1	0.2	3	0.2	0	0	0	0	0	0	0	0
Chatham	0	0	0	0	0	0	0	0	1	3.6	0	0
Craven	286	48.1	516	42.6	85	60.7	14	45.2	12	42.9	37	64.9
Cumberland	4	0.7	1	0.1	2	1.4	0	0	0	0	0	0
Currituck	0	0	0	0	0	0	0	0	0	0	0	0
Davidson	1	0.2	1	0.1	0	0	0	0	0	0	0	0
Duplin	8	1.3	11	0.9	0	0	0	0	0	0	0	0
Durham	1	0.2	9	0.7	0	0	0	0	0	0	0	0
Edgecombe	1	0.2	1	0.1	0	0	0	0	0	0	0	0
Franklin	0	0	3	0.2	0	0	0	0	0	0	0	0
Forsyth	2	0.3	0	0	0	0	0	0	0	0	0	0
Gaston	0	0	0	0	0	0	0	0	0	0	0	0
Granville	0	0	0	0	0	0	0	0	0	0	0	0
Greene	10	1.7	23	1.9	3	2.1	0	0	3	10.7	1	1.8
Guilford	0	0	5	0.4	0	0	0	0	0	0	0	0
Iredell	0	0	1	0.1	0	0	0	0	0	0	0	0
Halifax	0	0	0	0	0	0	0	0	0	0	0	0
Harnett	1	0.2	0	0	0	0	0	0	0	0	0	0
Hertford	0	0	0	0	0	0	0	0	0	0	0	0
Johnston	5	0.8	18	1.5	3	2.1	1	3.2	0	0	0	0
Jones	30	5.1	47	3.9	7	5	3	9.7	0	0	1	1.8
Lenoir	41	6.9	99	8.2	8	5.7	4	12.9	4	14.3	7	12.3
Martin	1	0.2	0	0	0	0	0	0	0	0	0	0
Mecklenburg	0	0	1	0.1	0	0	0	0	0	0	0	0
Moore	0	0	4	0.3	0	0	0	0	0	0	0	0
Nash	0	0	0	0	1	0.7	0	0	0	0	0	0
New Hanover	0	0	5	0.4	0	0	0	0	0	0	0	0
Onslow	83	14	175	14	4	2.9	0	0	1	3.6	1	1.8
Orange	1	0.2	0	0	0	0	0	0	0	0	0	0
Pamlico	30	5.1	118	9.7	5	3.6	1	3.2	1	3.6	4	7
Pender	0	0	14	1.2	1	0.7	0	0	0	0	0	0
Pitt	22	3.7	45	3.7	4	2.9	5	16.1	3	11	3	5.3
Randolph	0	0	1	0.1	0	0	0	0	0	0	0	0

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2019		2018		2017		2016		2015		2014	
	Num	%										
<b>Lower Neuse River</b>												
Richmond	0	0	0	0	0	0	0	0	0	0	0	0
Rockingham	0	0	0	0	0	0	0	0	1	0.2	0	0
Robeson	0	0	0	0	1	0.1	0	0	0	0	0	0
Sampson	5	0.6	0	0	0	0	0	0	2	0.4	1	0.2
Stokes	0	0	0	0	0	0	1	0.2	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Wake	9	1.0	3	0.5	2	0.2	4	0.7	3	0.6	4	0.9
Warren	0	0	0	0	0	0	0	0	0	0	1	0.2
Watauga	0	0	0	0	0	0	0	0	2	0.4	0	0
Wayne	41	4.7	24	3.9	39	4.6	16	2.9	16	3.0	6	1.4
Wilson	5	0.6	0	0	1	0.1	6	1.1	3	0.6	5	1.2
<b>Total</b>	<b>870</b>	<b>100.0</b>	<b>614</b>	<b>100.0</b>	<b>857</b>	<b>100.0</b>	<b>549</b>	<b>100.0</b>	<b>529</b>	<b>100.0</b>	<b>424</b>	<b>100.0</b>

**Table IV.12**    **Table IV.12**    **Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2013		2012		2011		2010		2009		2008	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
<b>Lower Neuse River</b>												
Richmond	0	0	1	0.1	0	0	0	0	0	0	0	0
Rockingham	0	0	0	0	0	0	0	0	0	0	0	0
Robeson	1	0.2	0	0	0	0	0	0	0	0	0	0
Sampson	0	0	1	0.1	0	0	0	0	0	0	0	0
Stokes	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	3	0.2	0	0	0	0	0	0	0	0
Wake	11	1.9	12	1	4	2.9	0	0	0	0	0	0
Warren	0	0	0	0	0	0	0	0	0	0	0	0
Watauga	2	0.3	0	0	0	0	0	0	0	0	0	0
Wayne	27	4.5	41	3.4	9	6.4	3	9.7	2	7.1	2	3.5
Wilson	7	1.2	5	0.4	1	0.7	0	0	0	0	0	0
<b>Total</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>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2019		2018		2017		2016		2015		2014	
	Num	%	Num	%								
<b>Upper Tar River</b>												
Beaufort	2	1.0	1	0.6	0	0	0	0	0	0	1	1.5
Bertie	1	0.5	0	0	0	0	1	0.6	0	0	0	0
Buncombe	0	0	0	0	0	0	1	0.6	0	0	0	0
Carteret	0	0	2	1.2	0	0	0	0	0	0	0	0
Chatham	0	0	1	0.6	0	0	0	0	0	0	0	0
Cumberland	2	1.0	0	0	0	0	0	0	0	0	0	0
Dare	0	0	1	0.6	0	0	1	0.6	0	0	0	0
Davidson	0	0	0	0	0	0	0	0	0	0	0	0
Durham	0	0	0	0	1	0.9	0	0	0	0	0	0
Edgecombe	74	37.0	80	48.5	65	56.5	70	45.2	124	54.9	33	50.0
Franklin	6	3.0	2	1.2	1	0.9	0	0	2	0.9	0	0
Granville	1	0.5	0	0	0	0	0	0	0	0	0	0
Greene	1	0.5	0	0	0	0	0	0	6	2.7	0	0
Guilford	1	0.5	0	0	0	0	0	0	0	0	0	0
Halifax	1	0.5	0	0	1	0.9	2	1.3	0	0	0	0
Harnett	0	0	0	0	0	0	1	0.6	0	0	0	0
Hyde	0	0	0	0	1	0.9	0	0	0	0	0	0
Lee	0	0	0	0	0	0	2	1.3	0	0	0	0
Hyde	0	0	0	0	0	0	0	0	0	0	0	0
Johnston	4	2.0	3	1.8	3	2.6	0	0	2	0.9	0	0
Jones	0	0	1	0.6	0	0	0	0	0	0	0	0
Martin	3	1.5	0	0	1	0.9	2	1.3	2	0.9	0	0
Mecklenburg	0	0	0	0	0	0	0	0	0	0.0	0	0
Nash	41	20.5	51	30.9	16	13.9	44	28.4	64	28.3	15	22.7
New Hanover	0	0	0	0	0	0	0	0	2	0.9	0	0
Orange	0	0	0	0	0	0	0	0	0	0	0	0
Pender	1	0.5	0	0	0	0	0	0	0	0	0	0
Pitt	33	16.5	7	4.2	12	10.4	18	11.6	6	2.7	7	10.6
Sampson	0	0	0	0	2	1.7	0	0	0	0	0	0
Wake	12	6.0	4	2.4	4	3.5	5	3.2	8	3.5	3	4.5
Warren	0	0	0	0	0	0	0	0	0	0	0	0
Wayne	1	0.5	0	0	0	0	0	0	0	0	0	0
Wilson	16	8.0	12	7.3	8	7.0	8	5.2	10	4.4	7	10.6
<b>Total</b>	<b>200</b>	<b>100.0</b>	<b>165</b>	<b>100.0</b>	<b>115</b>	<b>100.0</b>	<b>155</b>	<b>100.0</b>	<b>226</b>	<b>100.0</b>	<b>66</b>	<b>100.0</b>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2013		2012	
	Num	%	Num	%
<b>Upper Tar River</b>				
Beaufort	1	0.5	0	0
Bertie	0	0	0	0
Buncombe	0	0	0	0
Carteret	0	0	0	0
Chatham	0	0	0	0
Cumberland	0	0	0	0
Dare	0	0	1	0.3
Davidson	0	0	2	0.7
Durham	1	0.5	0	0
Edgecombe	93	47.2	105	35.4
Franklin	1	0.5	0	0
Granville	0	0	0	0
Greene	1	0.5	4	1.3
Guilford	0	0	0	0
Halifax	1	0.5	1	0.3
Harnett	0	0	0	0
Hyde	0	0	0	0
Lee	0	0	0	0
Hyde	1	0.5	0	0
Johnston	0	0	1	0.3
Jones	0	0	0	0
Martin	0	0	0	0
Mecklenburg	1	0.5	0	0
Nash	65	33	75	25.3
New Hanover	1	0.5	0	0
Orange	0	0	1	0.3
Pender	0	0	0	0
Pitt	10	5.1	84	28.3
Sampson	0	0	0	0
Wake	12	6.1	17	5.7
Warren	1	0.5	1	0.3
Wayne	0	0	0	0
Wilson	8	4.1	5	1.7
Total	197	100	297	100

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2019		2018		2017		2016		2015		2014	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
<b>Lower Tar/ Upper Pamlico River</b>												
Beaufort	288	41.7	266	40.0	337	45.4	238	47.4	362	4.0	92	36.4
Bertie	3	0.4	7	1.1	7	0.9	1	0.2	6	0.7	0	0
Bladen	1	0.1	0	0	0	0	0	0	0	0	0	0
Burke	4	0.6	0	0	0	0	0	0	0	0	0	0
Carteret	0	0	7	1.1	1	0.1	0	0	1	0.1	0	0
Catawba	0	0	0	0	0	0	0	0	2	0.2	0	0
Chatham	0	0	2	0.3	0	0	0	0	0	0	0	0
Craven	0	0	0	0	0	0	5	1.0	0	0	0	0
Chowan	0	0	0	0	0	0	0	0	2	0.2	1	0.4
Columbus	3	0.4	3	0.5	1	0.1	0	0	2	0.2	0	0
Craven	18	2.6	23	3.5	12	1.6	0	0	14	1.5	3	1.2
Cumberland	1	0.1	0	0	2	0.3	0	0	4	0.4	2	0.8
Dare	0	0	0	0	0	0	0	0	0	0	1	0.4
Davidson	0	0	0	0	0	0	1	0.2	0	0	0	0
Duplin	2	0.3	0	0	1	0.1	0	0	1	0.1	0	0
Durham	0	0	0	0	0	0.0	0	0	1	0.1	0	0
Edgecombe	17	2.5	17	2.6	20	2.7	17	3.4	16	1.8	5	2.0
Franklin	1	0.1	0	0	2	0.3	0	0	1	0.1	0	0
Granville	0	0	1	0.2	0	0.0	0	0	0.0	0	0	0
Greene	9	1.3	11	1.7	9	1.2	19	3.8	34	3.7	11	4.3
Guilford	0	0	1	0.2	0	0	1	0.2	2	0.2	0	0
Halifax	0	0	1	0.2	3	0.4	0	0	2	0.2	1	0.4
Harnett	0	0	2	0.3	1	0.1	0	0	0	0.0	1	0.4
Henderson	0	0	0	0	0	0	0	0	1	0.1	0	0
Hertford	4	0.6	3	0.5	0	0	0	0	0	0	0	0
Hoke	0	0	1	0.2	0	0	0	0	0.0	0	0	0
Hyde	2	0.3	0	0	1	0.1	0	0	0	0	0	0
Johnston	10	1.4	3	0.5	4	0.5	4	0.8	17	1.9	4	1.6
Jones	0	0	0	0	0	0.0	0	0	0	0	0	0
Lee	0	0	0	0	1	0.1	0	0	0	0	0	0
Lenoir	6	0.9	9	1.4	7	0.9	7	1.4	7	0.8	0	0
Martin	34	4.9	25	3.8	42	5.7	26	5.2	36	4.0	11	4.3
Mecklenburg	0	0	0	0	0	0	0	0	0	0	1	0.4
Moore	1	0.1	0	0	0	0	0	0	0	0	0	0
Nash	8	1.2	8	1.2	11	1.5	7	1.4	12	1.3	6	2.4
New Hanover	2	0.3	0	0	2	0.3	0	0	1	0.1	0	0.0
Northampton	0	0	0	0	0	0	0	0	0	0	0	0.0
Onslow	13	1.9	21	3.2	9	1.2	3	0.6	44	4.8	1	0.4
Orange	0	0	0	0	1	0.1	1	0.2	0	0	0	0
Pamlico	0	0	0	0	0	0	0	0.0	1	0.1	0	0
Pasquotank	0	0	1	0.2	0	0	0	0	0	0	0	0

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2013		2012		2011		2010		2009		2008	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
<b>Lower Tar/ Upper Pamlico River</b>												
Beaufort	180	27.6	207	26.2	60	24	67	28.4	64	34.6	58	30.7
Bertie	3	0.5	4	0.5	0	0	0	0	0	0	0	0
Bladen	0	0	0	0	0	0	0	0	0	0	0	0
Burke	0	0	0	0	0	0	0	0	0	0	0	0
Carteret	2	0.3	1	0.1	0	0	0	0	0	0	0	0
Catawba	0	0	0	0	0	0	0	0	0	0	0	0
Chatham	1	0.2	0	0	0	0	0	0	0	0	0	0
Craven	10	1.5	16	2	0	0	0	0	0	0	0	0
Chowan	0	0	0	0	1	0.4	0	0	0	0	0	0
Columbus	0	0	0	0	0	0	0	0	0	0	0	0
Craven	0	0	0	0	2	0.8	10	4.2	1	0.5	0	0
Cumberland	0	0	0	0	0	0	0	0	0	0	0	0
Dare	0	0	1	0.1	0	0	0	0	0	0	0	0
Davidson	0	0	0	0	0	0	0	0	0	0	0	0
Duplin	0	0	2	0.3	0	0	0	0	0	0	0	0
Durham	0	0	2	0.3	0	0	0	0	0	0	0	0
Edgecombe	26	4	31	3.9	22	8.8	17	7.2	4	2.2	6	3.2
Franklin	0	0	1	0.1	0	0	0	0	0	0	1	0.5
Granville	0	0	0	0	0	0	0	0	0	0	0	0
Greene	25	3.8	32	4.1	9	3.6	9	3.8	4	2.2	2	1.1
Guilford	0	0	1	0.1	0	0	0	0	0	0	0	0
Halifax	0	0	0	0	0	0	0	0	0	0	0	0
Harnett	2	0.3	7	0.9	0	0	0	0	0	0	0	0
Henderson	0	0	0	0	0	0	0	0	0	0	0	0
Hertford	0	0	2	0.3	0	0	0	0	0	0	0	0
Hoke	0	0	0	0	0	0	0	0	0	0	0	0
Hyde	1	0.2	0	0	0	0	0	0	0	0	0	0
Johnston	7	1.1	4	0.5	9	3.6	7	3	2	1.1	0	0
Jones	0	0	1	0.1	0	0	0	0	0	0	0	0
Lee		0	3	0.4	0	0	0	0	0	0	0	0
Lenoir	3	0.5	9	1.1	1	0.4	4	1.7	0	0	0	0
Martin	29	4.4	33	4.2	6	2.4	9	3.8	6	3.2	5	2.7
Mecklenburg	0	0	0	0	0	0	0	0	0	0	0	0
Moore	0	0	0	0	0	0	0	0	0	0	0	0
Nash	22	3.4	11	1.4	15	6	2	0.9	1	0.5	3	1.6
New Hanover	3	0.5	0	0	0	0	0	0	0	0	0	0
Northampton	0	0	0	0	1	0.4	0	0	0	0	0	0
Onslow	0	0	0	0	0	0	0	0	0	0	0	0
Orange	0	0	0	0	0	0	0	0	0	0	0	0
Pamlico	0	0	0	0	0	0	0	0	0	0	0	0
Pasquotank	0	0	0	0	0	0	0	0	0	0	0	0

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2019		2018		2017		2016		2015		2014	
	Num	%										
<b>Lower Tar/ Upper Pamlico River</b>												
Pender	3	0.4	0	0	0	0	0	0	1	0.1	0	0
Perquimans	1	0.1	0	0	0	0	0	0	0	0	0	0
Pitt	218	31.6	219	32.9	229	30.9	147	29.3	268	29.5	98	38.7
Robeson	1	0.1	2	0.3	0	0	0	0	0	0	0	0
Rockingham	0	0	1	0.2	0	0	0	0	0	0	0	0
Sampson	1	0.1	0	0	0	0	0	0	0	0	0	0
Tyrrell	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Wake	9	1.3	8	1.2	11	1.5	3	0.6	7	0.8	4	1.6
Washington	1	0.1	0	0	1	0.1	2	0.4	0	0	0	0
Watauga	0	0	0	0	0	0	1	0.2	0	0	0	0
Wayne	9	1.3	5	0.8	12	1.6	3	0.6	26	2.9	2	0.8
Wilson	20	2.9	18	2.7	14	1.9	16	3.2	39	4.3	9	3.6
Yadkin	0	0	0	0	1	0.1	0	0	0	0	0	0
<b>Total</b>	<b>690</b>	<b>100.0</b>	<b>665</b>	<b>100.0</b>	<b>742</b>	<b>100.0</b>	<b>502</b>	<b>100.0</b>	<b>910</b>	<b>100.0</b>	<b>253</b>	<b>100.0</b>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2013		2012		2011		2010		2009		2008	
	Num	%										
<b>Lower Tar/ Upper Pamlico River</b>												
Pender	0	0	1	0.1	0	0	0	0	0	0	0	0
Perquimans	0	0	0	0	0	0	0	0	0	0	0	0
Pitt	303	46.4	382	48.4	110	44	95	40.3	94	50.8	111	58.7
Robeson	0	0	0	0	0	0	0	0	0	0	0	0
Rockingham	0	0	0	0	0	0	0	0	0	0	0	0
Sampson	1	0.2	0	0	0	0	0	0	0	0	0	0
Tyrrell	1	0.2	0	0	0	0	0	0	0	0	0	0
Union	0	0	2	0.3	0	0	0	0	0	0	0	0
Wake	8	1.2	9	1.1	1	0.4	1	0.4	0	0	0	0
Washington	0	0	0	0	1	0.4	0	0	0	0	0	0
Watauga	0	0	0	0	0	0	0	0	0	0	0	0
Wayne	9	1.4	5	0.6	1	0.4	5	2.1	6	3.2	0	0
Wilson	17	2.6	22	2.8	11	4.4	10	4.2	3	1.6	3	1.6
Yadkin	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</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>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2019		2018		2017		2016		2015		2014	
	Num	%										
<b>Pungo River</b>												
Alamance	0	0	1	0.3	0	0	0	0	1	0.3	0	0
Beaufort	135	30.9	107	35.0	157	38.5	164	44.0	110	33.0	63	41.2
Bertie	9	2.1	1	0.3	8	2.0	0	0	9	2.7	2	1.3
Bladen	0	0	0	0	1	0.2	0	0	0	0	0	0
Brunswick	0	0	1	0.3	0	0	0	0	0	0	0	0
Burke	1	0.2	0	0	0	0	0	0	0	0	0	0
Cabarrus	0	0	0	0	1	0.2	1	0.3	0	0	0	0
Caldwell	0	0	0	0	0	0	0	0	1	0.3	0	0
Camden	0	0	0	0	0	0	0	0	1	0.3	0	0
Carteret	0	0	0	0	0	0	1	0.3	0	0	0	0
Chatham	0	0	2	0.7	0	0	1	0.3	0	0	0	0
Chowan	5	1.1	0	0	0	0	3	0.8	0	0	2	1.3
Craven	2	0.5	3	1.0	5	1.2	0	0	2	0.6	1	0.7
Cumberland	1	0.2	0	0	0	0	2	0.5	1	0.3	0	0
Currituck	1	0.2	0	0	1	0.2	0	0	0	0	0	0
Dare	0	0	1	0.3	0	0	1	0.3	1	0.3	0	0
Davidson	1	0.2	0	0	0	0	0	0	0	0	0	0
Davie	0	0	1	0.3	2	0.5	0	0	0	0	0	0
Duplin	1	0.2	1	0.3	1	0.2	0	0	0	0	0	0
Durham	2	0.5	0	0	0	0	0	0	1	0.3	1	0.7
Edgecombe	35	8.0	21	6.9	34	8.3	28	7.5	37	11.1	15	9.8
Forsyth	0	0	0	0	0	0	0	0	2	0.6	0	0
Franklin	2	0.5	0	0	6	1.5	0	0	1	0.3	0	0
Granville	0	0	0	0	1	0.2	1	0.3	0	0	0	0
Greene	7	1.6	2	0.7	5	1.2	0	0	2	0.6	2	1.3
Guilford	0	0	2	0.7	2	0.5	0	0	0	0	0	0
Halifax	1	0.2	0	0	1	0.2	0	0	0	0	0	0
Harnett	0	0	1	0.3	0	0	0	0	0	0	0	0
Hertford	0	0	1	0.3	1	0.2	2	0.5	0	0	2	1.3
Hyde	1	0.2	2	0.7	6	1.5	4	1.1	6	1.8	0	0
Johnston	11	2.5	6	2.0	5	1.2	8	2.1	4	1.2	1	0.7
Jones	0	0	0	0	0	0	0	0	0	0	1	0.7
Lee	0	0	1	0.3	0	0	0	0	0	0	0	0
Lenoir	1	0.2	3	1.0	1	0.2	2	0.5	2	0.6	0	0
Martin	23	5.3	19	6.2	22	5.4	24	6.4	16	4.8	4	2.6
Mecklenburg	0	0	0	0	0	0	0	0	0	0	0	0
Moore	0	0	0	0	1	0.2	0	0	0	0	0	0
Nash	16	3.7	14	4.6	16	3.9	17	4.6	9	2.7	9	5.9
New Hanover	0	0	0	0	0	0	1	0.3	0	0	0	0
Northampton	0	0	0	0	0	0	0	0	0	0	0	0
Onslow	0	0	1	0.3	0	0	0	0	0	0	0	0

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (continued).**

County	2013		2012		2011		2010		2009		2008	
	Num	%										
<b>Pungo River</b>												
Alamance	0	0	0	0	0	0	0	0	0	0	0	0
Beaufort	283	42.2	325	40.8	26	48.2	10	41.7	31	55.4	17	43.6
Bertie	6	0.9	9	1.1	0	0	0	0	0	0	0	0
Bladen	0	0	0	0	0	0	0	0	0	0	0	0
Brunswick	0	0	0	0	0	0	0	0	0	0	0	0
Burke	0	0	0	0	0	0	0	0	0	0	0	0
Cabarrus	0	0	0	0	0	0	0	0	0	0	0	0
Caldwell	0	0	0	0	0	0	0	0	0	0	0	0
Camden	0	0	0	0	0	0	0	0	0	0	0	0
Carteret	1	0.1	1	0.1	0	0	0	0	0	0	0	0
Chatham	0	0	1	0.1	0	0	0	0	0	0	0	0
Chowan	12	1.8	5	0.6	0	0	0	0	1	1.8	0	0
Craven	9	1.3	4	0.5	1	1.9	0	0	0	0	0	0
Cumberland	2	0.3	1	0.1	0	0	0	0	0	0	0	0
Currituck	0	0	0	0	0	0	0	0	0	0	0	0
Dare	1	0.1	0	0	0	0	0	0	0	0	0	0
Davidson	1	0.1	0	0	0	0	0	0	0	0	0	0
Davie	0	0	0	0	0	0	0	0	0	0	0	0
Duplin	0	0	0	0	0	0	0	0	0	0	0	0
Durham	1	0.1	0	0	0	0	0	0	0	0	0	0
Edgecombe	52	7.7	66	8.3	1	1.9	0	0	5	8.9	4	10.3
Forsyth	0	0	1	0.1	0	0	0	0	0	0	0	0
Franklin	2	0.3	4	0.5	0	0	0	0	1	1.8	0	0
Granville	0	0	0	0	0	0	0	0	0	0	0	0
Greene	13	1.9	17	2.1	2	3.7	0	0	0	0	0	0
Guilford	0	0	1	0.1	0	0	0	0	0	0	1	2.6
Halifax	0	0	3	0.4	0	0	0	0	0	0	0	0
Harnett	1	0.1	3	0.4	0	0	0	0	0	0	0	0
Hertford	1	0.1	4	0.5	0	0	0	0	0	0	0	0
Hyde	8	1.2	7	0.9	0	0	1	4.2	1	1.8	1	2.6
Johnston	13	1.9	13	1.6	3	5.6	1	4.2	0	0	0	0
Jones	0	0	0	0	0	0	0	0	0	0	0	0
Lee	2	0.3	0	0	0	0	0	0	0	0	0	0
Lenoir	0	0	2	0.3	0	0	0	0	0	0	0	0
Martin	32	4.8	63	7.9	2	3.7	4	16.7	2	3.6	2	5.1
Mecklenburg	1	0.1	0	0	0	0	0	0	0	0	2	5.1
Moore	0	0	0	0	0	0	0	0	0	0	0	0
Nash	37	5.5	44	5.5	3	5.6	1	4.2	4	7.1	0	0
New Hanover	2	0.3	0	0	0	0	0	0	0	0	0	0
Northampton	1	0.1	1	0.1	0	0	0	0	0	0	0	0
Onslow	0	0	0	0	0	0	0	0	0	0	0	0

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2019		2018		2017		2016		2015		2014	
	Num	%										
<b>Pungo River</b>												
Orange	1	0.2	0	0	0	0	1	0.3	0	0	0	0
Pamlico	0	0	1	0.3	0	0	0	0	0	0	0	0
Pasquotank	0	0	0	0	1	0.2	0	0	0	0	0	0
Pender	1	0.2	0	0	0	0	0	0	0	0	0	0
Perquimans	1	0.2	0	0	1	0.2	3	0.8	1	0.3	0	0
Pitt	130	29.7	67	21.9	71	17.4	68	18.2	64	19.2	28	18.3
Randolph	1	0.2	0	0	0	0	1	0.3	0	0	0	0
Union	0	0	1	0.3	0	0	0	0	2	0.6	0	0
Wake	18	4.1	15	4.9	20	4.9	10	2.7	15	4.5	10	6.5
Washington	7	1.6	4	1.3	14	3.4	13	3.5	11	3.3	5	3.3
Wayne	6	1.4	4	1.3	3	0.7	5	1.3	11	3.3	2	1.3
Wilson	17	3.9	23	7.5	21	5.1	12	3.2	23	6.9	5	3.3
<b>Total</b>	<b>437</b>	<b>100.0</b>	<b>306</b>	<b>100.0</b>	<b>408</b>	<b>100.0</b>	<b>373</b>	<b>100.0</b>	<b>333</b>	<b>100.0</b>	<b>153</b>	<b>100.0</b>

**Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).**

County	2013		2012		2011		2010		2009		2008	
	Num	%	Num	%								
<b>Pungo River</b>												
Orange	0	0	1	0.1	0	0	0	0	0	0	0	0
Pamlico	0	0	0	0	0	0	0	0	0	0	0	0
Pasquotank	0	0	0	0	0	0	0	0	0	0	0	0
Pender	1	0.1	0	0	0	0	0	0	0	0	0	1
Perquimans	4	0.6	0	0	0	0	0	0	0	0	0	4
Pitt	116	17.3	136	17.1	8	14.8	5	20.8	6	10.7	11	116
Randolph	0	0	0	0	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Wake	10	1.5	19	2.4	2	3.7	0	0	0	0	0	10
Washington	19	2.8	10	1.3	0	0	0	0	0	0	0	19
Wayne	4	0.6	11	1.4	2	3.7	0	0	0	0	0	4
Wilson	36	5.4	44	5.5	4	7.4	2	8.3	5	8.9	1	36
Total	671	100.0	796	100.0	54	100.0	24	100.0	56	100.0	39	671

**Table IV.13 Mean reported angler expenditures by river and expense type.**

Year	Expenditure <sup>5</sup>	Cape Fear <sup>6</sup>	Upper Neuse	Middle Neuse	Lower Neuse	Upper Tar River	Lower Tar/Upper Pamlico	Pungo	CSMA Total
2019	Miles Traveled	36.01	12.21	25.14	28.35	18.81	29.27	51.65	30.87
	Food	\$7.04	\$1.37	\$8.10	\$7.49	\$3.11	\$5.09	\$7.83	\$6.50
	Ice	\$0.50	\$0.37	\$1.19	\$0.81	\$0.49	\$0.65	\$1.92	\$0.96
	Bait	\$0.83	\$2.42	\$1.57	\$4.47	\$2.36	\$4.68	\$0.93	\$3.19
	Boat Fuel/Oil	\$7.14	\$2.67	\$7.27	\$13.86	\$4.26	\$11.93	\$19.35	\$13.31
	<b>Total</b>	<b>\$15.51</b>	<b>\$6.83</b>	<b>\$18.13</b>	<b>\$26.63</b>	<b>\$10.21</b>	<b>\$22.35</b>	<b>\$30.03</b>	<b>\$23.96</b>
2018	Miles Traveled	28.08	11.62	27.74	25.39	16.77	27.92	52.08	29.18
	Food	\$6.44	\$0.53	\$6.99	\$5.85	\$0.71	\$6.21	\$8.76	\$5.93
	Ice	\$0.42	\$0.27	\$1.07	\$1.27	\$0.07	\$0.91	\$1.60	\$1.01
	Bait	\$1.68	\$3.97	\$1.08	\$2.93	\$0.23	\$3.41	\$1.63	\$2.41
	Boat Fuel/Oil	\$8.40	\$5.21	\$8.31	\$12.68	\$2.10	\$14.08	\$17.52	\$12.81
	<b>Total</b>	<b>\$16.93</b>	<b>\$9.98</b>	<b>\$17.45</b>	<b>\$22.73</b>	<b>\$3.11</b>	<b>\$24.61</b>	<b>\$29.52</b>	<b>\$22.16</b>
2017	Miles Traveled	32.50	10.80	29.10	27.10	14.90	26.70	47.10	29.60
	Food	\$4.48	\$5.27	\$8.80	\$6.20	\$1.50	\$6.76	\$11.55	\$7.14
	Ice	\$0.56	\$0.89	\$0.89	\$1.00	\$0.30	\$0.95	\$1.61	\$1.03
	Bait	\$3.83	\$2.38	\$1.13	\$2.51	\$2.00	\$4.89	\$2.14	\$2.92
	Boat Fuel/Oil	\$10.48	\$3.64	\$7.33	\$11.15	\$6.79	\$11.29	\$16.50	\$11.64
	<b>Total</b>	<b>\$19.35</b>	<b>\$12.17</b>	<b>\$18.15</b>	<b>\$20.85</b>	<b>\$10.59</b>	<b>\$23.89</b>	<b>\$31.80</b>	<b>\$22.74</b>
2016	Miles Traveled	26.70	12.70	18.40	23.90	16.30	28.90	42.40	27.50
	Food	\$7.25	\$4.34	\$5.79	\$4.78	\$3.90	\$5.94	\$9.82	\$6.25
	Ice	\$1.06	\$0.35	\$0.53	\$0.76	\$0.67	\$0.87	\$1.53	\$0.92
	Bait	\$5.89	\$0.98	\$3.00	\$3.32	\$0.69	\$3.13	\$0.59	\$2.63
	Boat Fuel/Oil	\$8.70	\$2.85	\$6.31	\$9.28	\$15.24	\$11.25	\$14.01	\$10.80
	<b>Total</b>	<b>\$22.90</b>	<b>\$8.53</b>	<b>\$15.63</b>	<b>\$18.13</b>	<b>\$20.50</b>	<b>\$21.19</b>	<b>\$25.94</b>	<b>\$20.59</b>
2015	Miles 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
	<b>Total</b>	<b>\$38.37</b>	<b>\$11.59</b>	<b>\$19.43</b>	<b>\$18.81</b>	<b>\$6.91</b>	<b>\$24.93</b>	<b>\$24.65</b>	<b>\$21.60</b>
2014	Miles 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	-	\$0.80	\$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
	<b>Total</b>	<b>\$18.22</b>	<b>\$13.60</b>	<b>\$15.49</b>	<b>\$26.34</b>	<b>\$2.96</b>	<b>\$22.85</b>	<b>\$43.61</b>	<b>\$26.40</b>
2013	Miles Traveled	23.34	31.84	26.14	16.59	5.30	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
	<b>Total</b>	<b>\$20.55</b>	<b>\$22.84</b>	<b>\$15.84</b>	<b>\$20.18</b>	<b>\$33.46</b>	<b>\$15.61</b>	<b>\$8.14</b>	<b>\$22.38</b>
2012	Miles Traveled	-	11.75	21.87	30.22	14.80	23.80	51.96	29.20
	Food	-	\$3.99	\$6.22	\$8.31	-	\$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
	<b>Total</b>	<b>-</b>	<b>\$8.30</b>	<b>\$18.50</b>	<b>\$25.95</b>	<b>\$3.68</b>	<b>\$20.01</b>	<b>\$32.76</b>	<b>\$22.44</b>
2011	Miles Traveled	-	-	-	25.91	-	28.89	44.48	29.70
	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
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$48.00</b>	<b>-</b>	<b>\$21.82</b>	<b>\$66.74</b>	<b>\$37.22</b>

<sup>5</sup>Means reported include expenditures greater than or equal to zero dollars "\$0.00". Lodging not included because of low response rate.

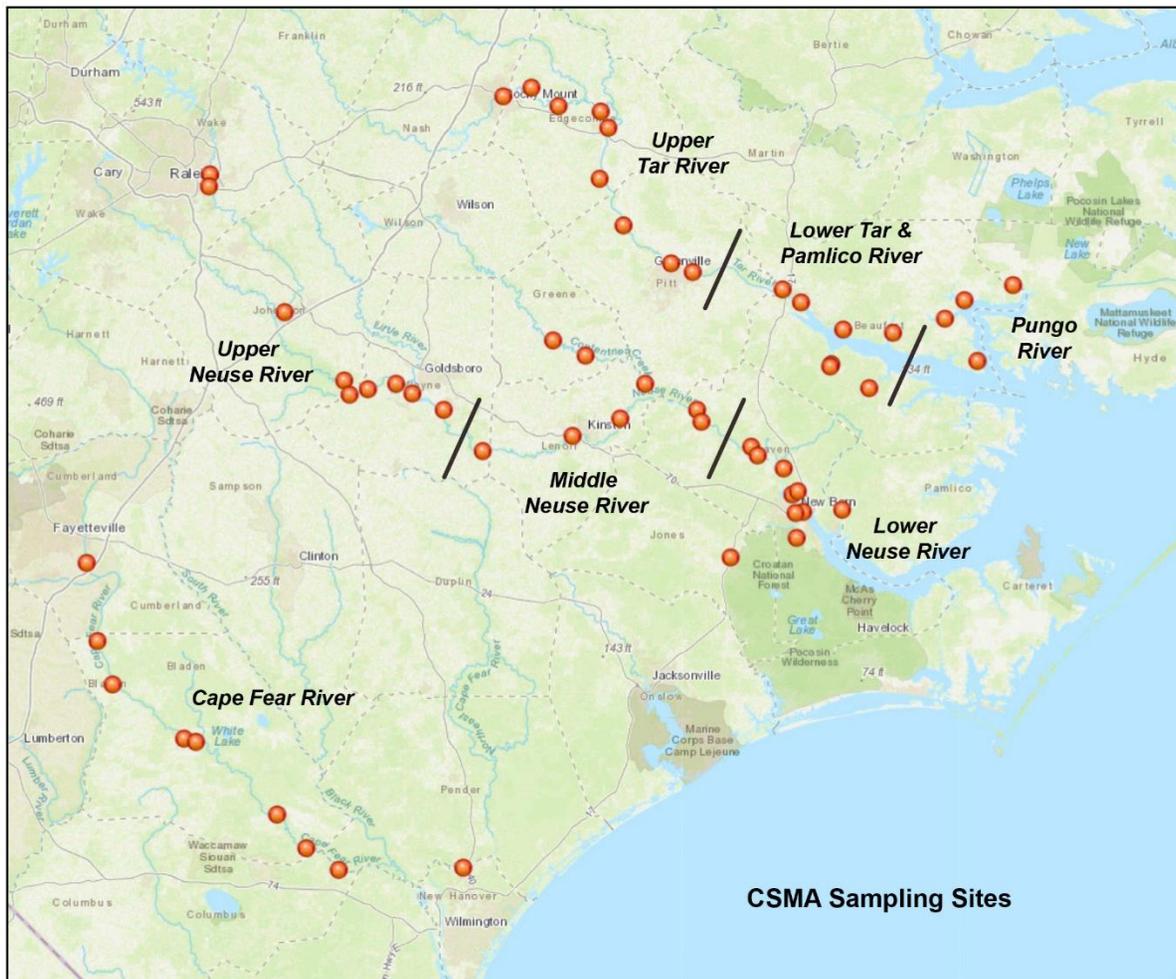
<sup>6</sup>Cape Fear data only sampled from March–May.

**Table IV.13 Mean reported angler expenditures by river and expense type.**

Year	Expenditure <sup>5</sup>	Cape Fear <sup>6</sup>	Upper Neuse	Middle Neuse	Lower Neuse	Upper Tar River	Lower Tar/Upper Pamlico	Pungo	CSMA Total
2010	Miles 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	Miles 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	Miles Traveled	-	-	-	17.16	-	20.60	55.06	24.31
	Food	-	-	-	\$1.67	-	-	\$23.68	\$6.45
	Ice	-	-	-	\$0.19	-	-	\$2.91	\$0.52
	Bait	-	-	-	\$0.23	-	-	\$30.01	\$2.16
	Boat Fuel/Oil	-	-	-	\$7.01	-	\$10.45	\$27.47	\$11.02
	Total	-	-	-	\$9.10	-	\$10.45	\$84.07	\$20.15
2007	Miles Traveled	-	-	-	19.70	-	21.19	51.98	29.38
	Food	-	-	-	\$2.82	-	\$7.22	\$13.28	\$7.83
	Ice	-	-	-	\$7.00	-	\$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

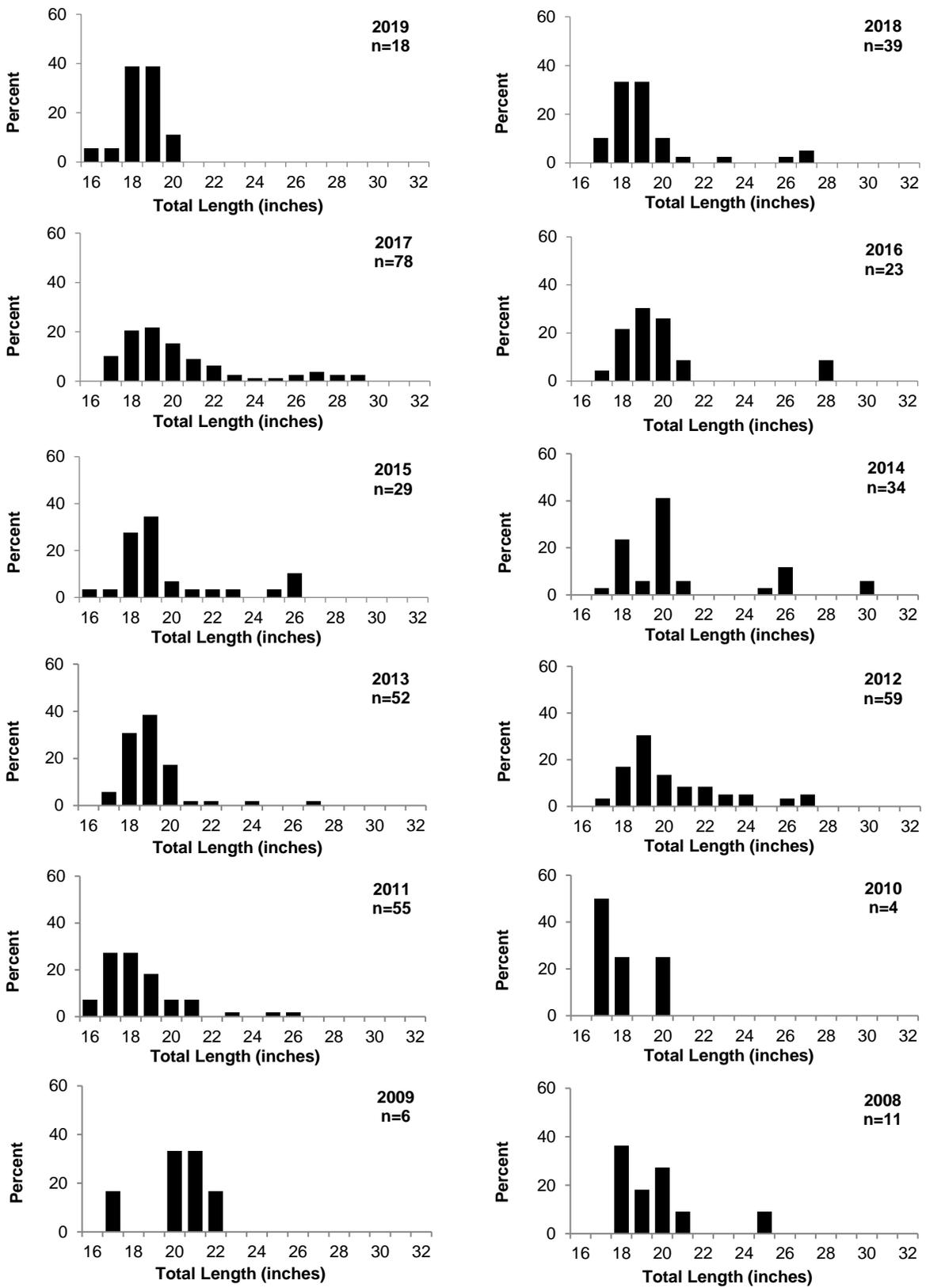
<sup>5</sup>Means reported include expenditures greater than or equal to zero dollars "\$0.00". Lodging not included because of low response rate.

<sup>6</sup>Cape Fear data only sampled from March–May.

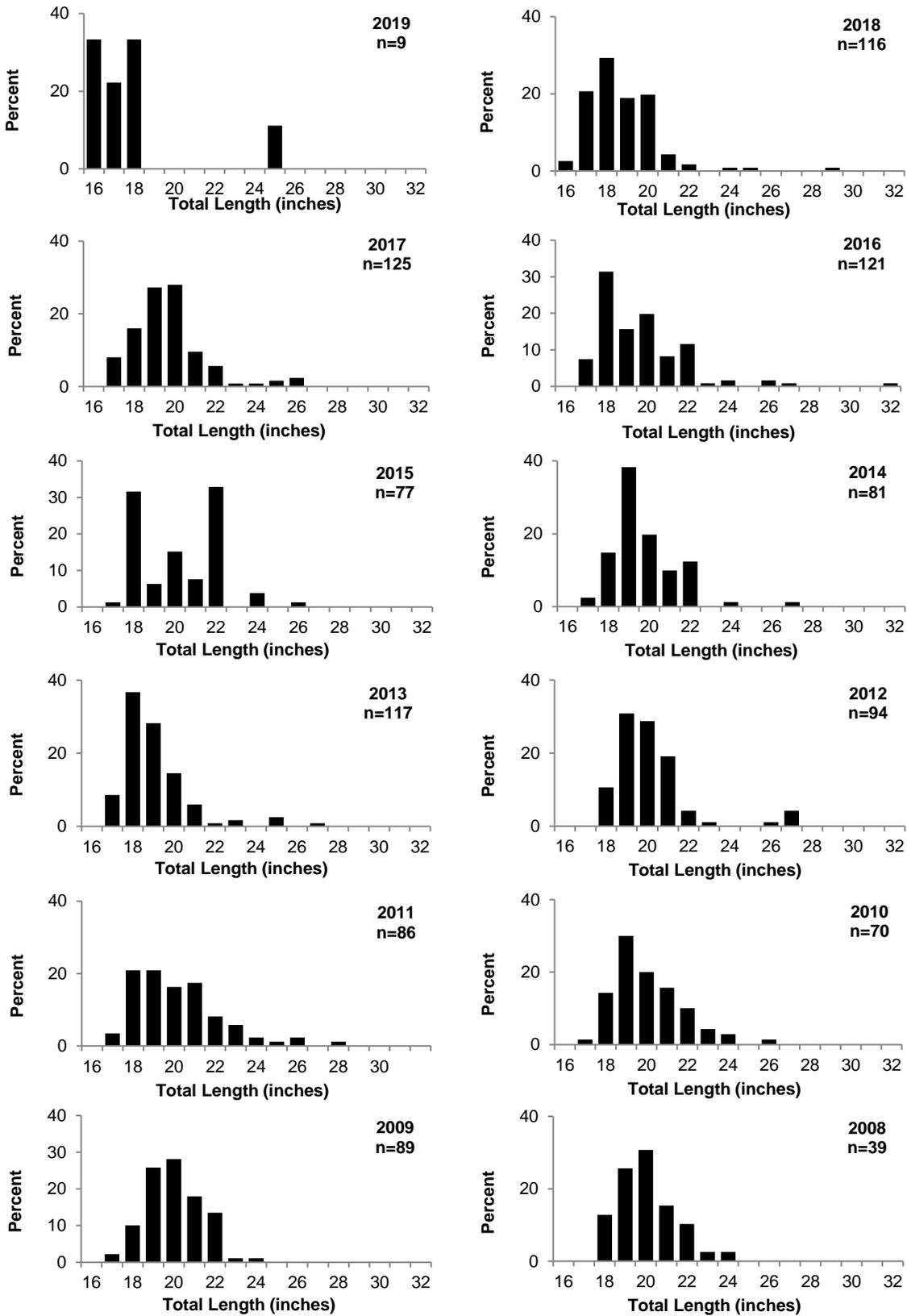


River Zones	
<b>Upper Tar River</b>	<b>Upper Neuse River</b>
Battle Park	Milburnie Park
Dunbar	Anderson Point Park
Bell's Bridge Tarboro	Smithfield
River Bend Park Tarboro	Richardson's Bridge
Old Sparta	Williford Road
Falkland Ramp	Cox's Ferry
Hwy 97 Canoe Access (Pipe)	Steven's Mills Road
Town Common	Goldsboro HWY 117
Port Terminal	Goldsboro HWY 581
<b>Lower Tar &amp; Pamlico River</b>	<b>Middle Neuse</b>
Tranter's Creek	Seven Springs
Washington	Kinston - HWY 70
Dinah's Landing	Kinston - Braxton Rd.
Quarter Deck	Snow Hill
Durham's Creek	Hookerton
Blounts Creek (Crisp Landing)	Grifton
Cotton Patch Landing	Maple Cypress
	Core Creek
<b>Pungo River</b>	<b>Lower Neuse</b>
Leechville	Cowpen Landing
Belhaven WRC	Spring Garden
CeeBee Marine	Cool Springs
Wrights Creek	Glenburnie
<b>Cape Fear River</b>	Bridgeton
Lock and Dam 3	Union Point
Tar Heel	Pollocksville
Torry Hole	Brice's Creek
Lock and Dam 2	Lawson's Creek
Elwell's Ferry	Lee's Landing
Lock and Dam 1	
Mitchell's Landing	
Castle Hayne	
Fayetteville	

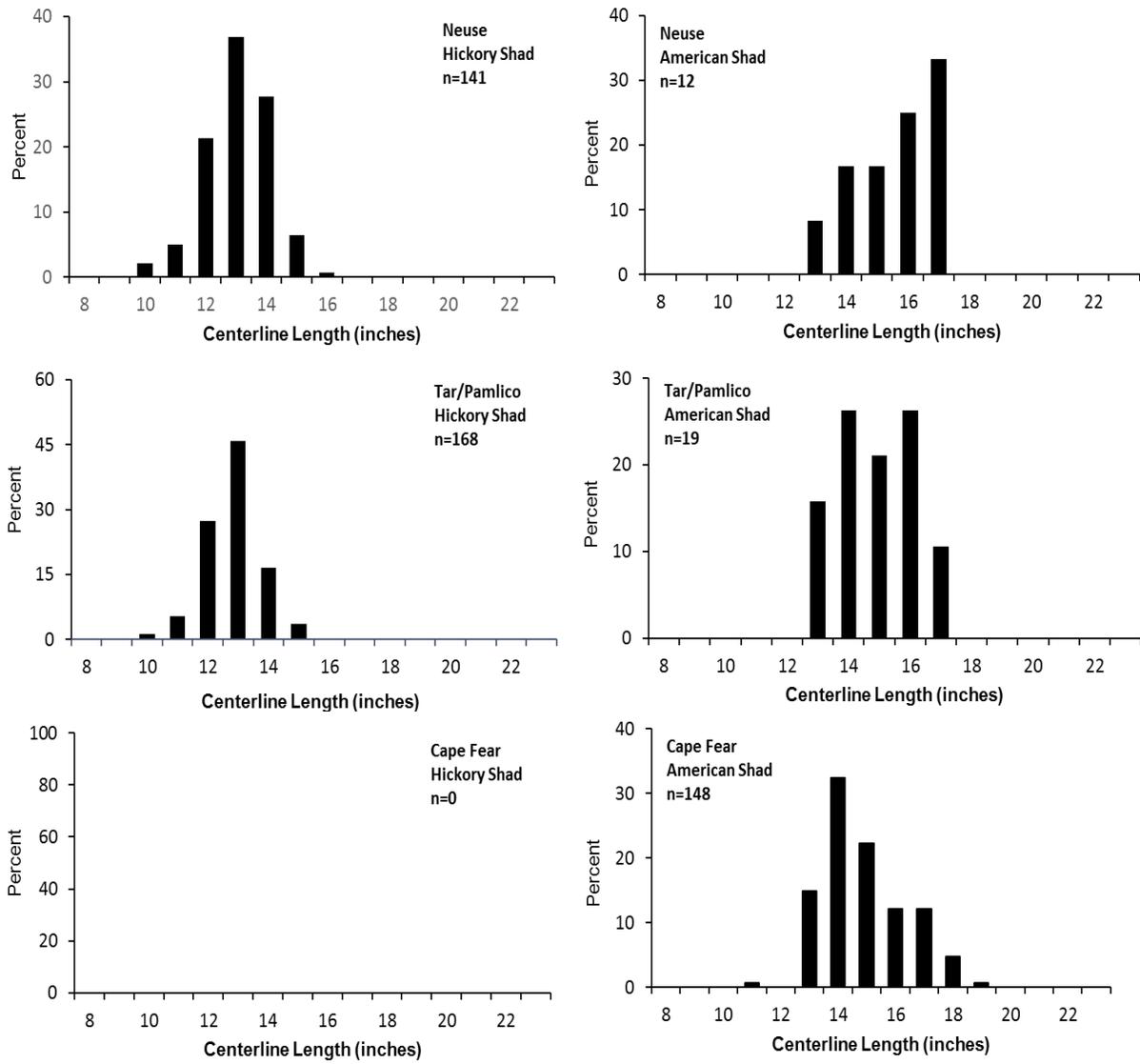
Figure IV.1 Map of study area including sampling sites and description of upper and lower zones



**Figure IV.2** Length frequencies by percent of total observed Striped Bass from the Neuse River.



**Figure IV.3** Length frequencies by percent of total observed Striped Bass from the Tar/Pamlico and Pungo rivers.



**Figure IV.4** Length frequencies by percent of total observed American and Hickory Shad from the CSMA, 2019.

## 2019 CSMA CREEL SURVEY

### Interview Form

1. INTERVIEWER ID       5. INTERVIEW TIME (use 2400 clock)     8. PERIOD

2. YR/MO/DAY         6. FISHING TRIP 1  Yes 2  No 9. REFUSAL

3. INTERVIEW NUMBER   4. TYPE OF DAY  7. TIME FISHING BEGAN     10. SITE

11. HOURS FISHED   .   12. PARTY SIZE   16. WERE YOU FISHING FOR ANY PARTICULAR KINDS OF FISH TODAY? IF YES, WHAT KINDS?  
(Hours/Minutes)

13. WERE YOU FISHING FROM:  
1  Private Boat 2  Charterboat 3  Shore

1st Target

14. AREA FISHED (Specific waterbody)

2nd Target

15. WATERBODY CLASSIFICATION 1  Coastal 2  Joint 3  Inland 17. PRIMARY FISHING METHOD 1  Casting 2  Trolling 3  Cut Bait 4  Live Bait 5  Gill Net

**UNAVAILABLE CATCH.** Did you land any fish that are not here for me to look at? For example, any that you may have thrown back or used for bait?

**THROW BACKS**

	SPECIES CODE	DISP	# OF FISH
1 _____	<input 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"/>
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"/>
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"/>
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"/>

**DISPOSITION CODES**

1. Thrown back (legal fish)
2. Thrown back over bag limit
3. Thrown back under size limit
4. In slot (22-27)
5. Closed season, legal
6. Closed season, under size fish
7. Thrown back over the size limit

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

KEPT	SPECIES CODE	# OF FISH	LENGTH (mm)	WEIGHT (kg)	SEX (male=1, female=2)
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"/>
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"/>
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"/>
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"/>
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"/>
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"/>
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"/>
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"/>
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"/>
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"/>

**Appendix IV.2 CSMA creel survey socioeconomic questions.**

**CSMA Creel Socioeconomic Questions**

- 1) How old were you on December 31, 2018? \_\_\_\_\_
- 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

# 2019 CSMA CREEL SURVEY ASSIGNMENT SUMMARY FORM

1. INTERVIEWER ID  SCHEDULE NUMBER

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-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

15. TIME DEPARTED  24 hr clock

Comments

## Chapter V : NC 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, North Carolina Division of Marine Fishers (NCDMF) began a mail survey for 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 (e.g., Blue Crab and Hard Clam).

## **SURVEY METHODOLOGY**

Coastal Recreational Fishing License (CRFL) holders who purchase their license online, or at NCDMF and North Carolina Wildlife Recourses Commission (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 two months. 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 extrapolated 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 extrapolated 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 a large PSE. A PSE of 20% or less is generally considered an acceptable level of precision in fisheries data.

## **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. A 100% response rate is not a practical expectation from these surveys. This is due to many different factors including, but not limited to: a large constituent of grandfathered license holders who may not participate in the fishery of interest, deceased individuals who were not identified as such before the survey was sent, and choosing not to participate in the survey. Methods to mitigate non-response bias include incentivizing individuals as well as validating effort and catch with on-site intercept surveys.

### **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 (in-person interview).

### **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, Coastal Angling Program from the Washington Regional Office. For additional information regarding the survey, please consider the list below.

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

North Carolina Division of Marine Fisheries  
Ami Staples, Coastal Angling Program Statistician  
943 Washington Square Mall  
Washington NC, 27889  
800-338-7804  
[Ami.Staples@ncdenr.gov](mailto:Ami.Staples@ncdenr.gov)

INFOGRAPHIC

# Recreational Mail Surveys 2019

## Oysters

Recreational Crab and  
Shellfish Harvesting Survey



**881 Total Bushels Harvested**  
Highest Number of Bushels  
Were Harvested in Nov/Dec (37%)

## Mullet

Saltwater Recreational  
Cast Net / Seine Survey



**688,815 Total Fish Harvested**  
Highest Number of Fish  
Were Harvested in Sep/Oct (32%)

## Blue Crab

Recreational Crab and  
Shellfish Harvesting Survey



**81,815 Total Crabs Harvested**  
Highest Number of Crabs  
Were Harvested in May/Jun (34%)

## Hard Clam

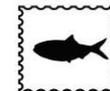
Recreational Crab and  
Shellfish Harvesting Survey



**114,041 Total Clams Harvested**  
Highest Number of Clams  
Were Harvested in Jul/Aug (45%)

## Atlantic Menhaden

Saltwater Recreational  
Cast Net / Seine Survey



**152,247 Total Fish Harvested**  
Highest Number of Fish  
Were Harvested in May/Jun (28%)

## Shrimp

Saltwater Recreational  
Cast Net / Seine Survey



**83,267 Total Shrimp Harvested**  
Highest Number of Shrimp  
Were Harvested in May/Jun (56%)

## Flounder

Recreational Flounder  
Gigging Survey



**20,179 Total Fish Harvested**  
Highest Number of Fish  
Were Harvested in May/Jun (46%)\*

\*Survey suspended for September-December due to the flounder season closure

**Table V.1 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	
2019	Total Delivered Surveys	1,309	1,332	1,349	1,406	-	-	5,396
	Number Responses	392	305	325	304	-	-	1,326
	Responses (%)	29.9	22.9	24.1	21.6	-	-	24.6
2018	Total Delivered Surveys	1,288	1,339	1,356	1,368	1,334	1,382	8,067
	Number Responses	425	349	339	83	332	418	1,946
	Responses (%)	33.0	26.1	25.0	6.1	24.9	30.3	24.1
2017	Total Delivered Surveys	1,257	1,303	1,297	1,405	1,397	1,269	7,928
	Number Responses	380	338	293	206	386	408	2,011
	Responses (%)	30.2	25.9	22.6	14.7	27.6	32.2	25.4
2016	Total Delivered Surveys	980	1,280	1,293	1,369	1,103	1,374	7,399
	Number Responses	274	401	347	361	265	447	2,095
	Responses (%)	28.0	31.3	26.8	26.4	24.0	32.5	28.3
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
	Number Responses	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
	Number Responses	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
	Number Responses	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
	Number Responses	635	576	504	504	548	517	3,284
	Responses (%)	50.6	45.3	39.8	38.5	42.9	40.9	43.0

<sup>1</sup> Does not include deceased license holders or invalid addresses.

**Table V.2 Recreational flounder gigning 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
2019	Jan/Feb	698	58.7	532	64.2	398	100.0	930	63.9
	Mar/Apr	450	48.4	964	68.0	74	100.0	1,038	69.7
	May/June	3,847	30.0	9,356	48.4	398	70.7	9,754	46.8
	Jul/Aug	3,422	32.3	9,327	44.6	172	100.0	9,499	44.0
	Sep/Oct*	-	-	-	-	-	-	-	-
	Nov/Dec*	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>8,417</b>	<b>20.0</b>	<b>20,179</b>	<b>30.9</b>	<b>1,042</b>	<b>50.1</b>	<b>21,221</b>	<b>29.7</b>
2018	Jan/Feb	989	51.6	711	64.9	-	-	711	64.9
	Mar/Apr	-	-	136	71.2	-	-	136	71.2
	May/June	3,559	36.6	5,197	33.7	294	57.0	5,491	32.7
	Jul/Aug	1,549	45.0	10,556	64.2	-	-	10,556	64.2
	Sep/Oct	1,369	47.6	2,581	39.6	166	100.0	2,746	38.6
	Nov/Dec	2,673	26.8	4,062	37.3	65	100.0	4,127	37.7
	<b>Total</b>	<b>10,139</b>	<b>18.4</b>	<b>23,243</b>	<b>31.4</b>	<b>525</b>	<b>46.8</b>	<b>23,767</b>	<b>30.8</b>
2017	Jan/Feb	349	57.6	65	100.0	390	100.0	455	100.0
	Mar/Apr	2,750	37.1	7,640	41.1	141	100.0	7,781	41.3
	May/June	2,757	31.7	5,162	48.0	-	-	5,162	48.0
	Jul/Aug	3,007	26.6	3,668	40.1	-	-	3,668	40.1
	Sep/Oct	3,213	24.9	5,964	32.2	124	100.0	6,088	32.0
	Nov/Dec	1,448	37.3	1,637	46.7	-	-	1,637	46.7
	<b>Total</b>	<b>13,524</b>	<b>13.8</b>	<b>24,136</b>	<b>19.8</b>	<b>655</b>	<b>66.1</b>	<b>24,790</b>	<b>19.6</b>
2016	Jan/Feb	150	71.1	-	-	-	-	-	-
	Mar/Apr	730	38.2	120	100.0	-	-	120	100.0
	May/June	4,292	27.9	8,268	39.5	3,101	87.5	11,369	42.5
	Jul/Aug	5,621	22.3	5,968	27.9	-	-	5,968	27.9
	Sep/Oct	4,800	29.7	7,087	37.1	277	100.0	7,364	37.0
	Nov/Dec	4,735	27.9	8,199	38.7	359	74.3	8,557	39.2
	<b>Total</b>	<b>20,179</b>	<b>26.3</b>	<b>42,677</b>	<b>33.1</b>	<b>3,736</b>	<b>73.4</b>	<b>46,413</b>	<b>31.5</b>
2015	Jan/Feb	951	30.2	1,169	42.2	-	-	1,169	42.1
	Mar/Apr	520	38.3	994	49.2	-	-	994	49.1
	May/June	4,258	18.8	7,600	21.7	1,230	39.5	8,830	21.9
	Jul/Aug	4,448	17.5	7,799	23.0	69	100.0	7,868	22.9
	Sep/Oct	4,592	21.9	9,241	22.5	764	51.3	10,005	23.2
	Nov/Dec	1,892	29.0	1,909	40.0	293	62.0	2,202	41.3
	<b>Total</b>	<b>16,660</b>	<b>9.9</b>	<b>28,712</b>	<b>11.9</b>	<b>2,356</b>	<b>27.9</b>	<b>31,068</b>	<b>12.1</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>

\* Mail survey was suspended because of the 2019 flounder season closure.

**Table V.2 Recreational flounder gigning effort and catch (in numbers) (estimates based on mail survey) (continued).**

Year	Wave	Total Effort	PSE Effort	Total Flounder Harvest	PSE Harvest	Total Flounder Release	PSE Release	Total Flounder Catch	PSE Total Catch
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	100.0	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 V.3 Response rates for recreational cast net and seine mail surveys by year.**

Year	Survey Metric <sup>2</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct <sup>3</sup>	Nov/Dec	
2019	Total Delivered Surveys	1,289	1,327	1,337	1,432	1,362	1,317	8,064
	Number Responses	384	369	375	318	394	379	2,219
	Responses (%)	29.8	27.8	28.0	22.2	28.9	28.8	27.5
2018	Total Delivered Surveys	1,282	1,353	1,403	1,370	1,349	1,288	8,045
	Number Responses	421	422	392	119	348	419	2,121
	Responses (%)	32.8	31.2	27.9	8.7	25.8	32.5	26.4
2017	Total Delivered Surveys	1,318	1,336	1,281	1,621	1,397	1,265	8,218
	Number Responses	445	424	376	358	357	421	2,381
	Responses (%)	33.8	31.7	29.4	22.1	25.6	33.3	29.0
2016	Total Delivered Surveys	1,230	1,294	1,289	1,388	1,200	1,276	7,677
	Number Responses	423	473	391	370	362	465	2,484
	Responses (%)	34.4	36.6	30.3	26.7	30.2	36.4	32.4
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
	Number Responses	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
	Number Responses	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
	Number Responses	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
	Number Responses	-	-	-	-	283	530	813
	Responses (%)	-	-	-	-	44.2	41.4	42.3

<sup>2</sup> Does not include deceased license holders or invalid addresses.

<sup>3</sup> Mail survey was implemented in October 2011; the Sept/Oct wave was incomplete.

**Table V.4 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
2019	Jan/Feb	13,659	18.4	17,103	47.4	4,863	49.0	21,966	47.1
	Mar/Apr	10,362	20.6	2,818	75.9	6,330	80.6	9,148	79.1
	May/June	42,236	15.0	42,858	31.4	23,445	32.2	66,303	30.6
	Jul/Aug	43,978	14.5	36,847	39.4	30,263	44.8	67,110	37.5
	Sep/Oct	45,606	12.7	24,679	35.0	7,886	51.9	32,565	34.8
	Nov/Dec	16,667	20.1	27,942	45.8	10,498	63.4	38,440	48.5
	Total	172,897	7.0	152,247	17.4	83,285	22.0	235,532	17.5
2018	Jan/Feb	6,463	28.6	3,036	70.9	675	100.0	3,710	70.8
	Mar/Apr	10,362	19.5	-	-	-	-	-	-
	May/June	33,481	13.8	60,711	26.8	33,363	29.8	94,075	26.3
	Jul/Aug	10,400	17.7	27,555	61.3	12,297	50.8	39,852	57.2
	Sep/Oct	11,832	71.2	-	-	-	-	-	-
	Nov/Dec	20,643	16.3	39,138	37.7	5,666	55.1	44,804	37.0
	Total	93,181	11.6	130,441	21.5	52,000	23.7	182,441	20.9
2017	Jan/Feb	6,793	24.0	18,229	68.1	1,768	72.7	19,997	68.4
	Mar/Apr	16,500	15.7	26,415	37.7	14,929	37.7	41,344	35.4
	May/June	44,380	13.1	66,305	26.9	26,597	34.1	92,902	26.7
	Jul/Aug	55,435	13.6	57,131	45.7	23,282	42.4	80,413	44.3
	Sep/Oct	48,079	13.2	67,551	32.3	24,180	41.3	91,731	31.7
	Nov/Dec	27,603	14.7	25,571	59.2	5,817	50.3	31,388	57.1
	Total	198,790	6.6	261,203	17.1	96,573	18.7	357,775	16.6
2016	Jan/Feb	12,493	25.8	8,164	59.0	2,758	59.5	10,923	59.1
	Mar/Apr	15,978	19.5	28,291	36.7	8,749	45.5	37,040	36.1
	May/June	39,692	13.6	83,219	31.0	32,888	32.5	116,107	30.6
	Jul/Aug	50,891	12.4	79,950	31.2	24,649	38.7	104,598	30.2
	Sep/Oct	43,818	11.7	53,022	27.4	27,515	30.4	80,537	26.8
	Nov/Dec	32,993	16.9	25,566	41.2	4,439	46.9	30,006	38.7
	Total	195,865	6.4	278,213	15.2	100,998	17.3	379,210	14.8
2015	Jan/Feb	10,675	22.6	-	-	-	-	-	-
	Mar/Apr	16,552	16.5	2,034	63.3	268	100.0	2,301	65.9
	May/June	50,845	12.0	62,733	23.0	63,946	38.6	126,679	26.4
	Jul/Aug	68,945	10.3	113,267	29.6	61,579	37.9	174,846	31.4
	Sep/Oct	41,410	10.5	41,810	30.4	15,103	35.0	56,912	29.3
	Nov/Dec	25,799	17.2	51,979	41.8	21,644	62.4	73,624	43.8
	Total	214,226	5.8	271,824	16.5	162,539	22.8	434,363	17.2
2014	Jan/Feb	7,369	21.7	695	100.0	-	-	695	100.0
	Mar/Apr	16,723	18.3	17,674	47.0	2,777	59.2	20,452	43.5
	May/June	33,348	14.1	14,805	34.9	5,067	40.9	19,872	32.0
	Jul/Aug	53,322	14.7	22,338	32.5	7,558	40.8	29,896	32.5
	Sep/Oct	65,487	12.1	66,546	26.9	43,994	37.3	110,540	26.6
	Nov/Dec	26,039	14.1	9,361	39.1	5,097	49.5	14,458	39.4
	Total	202,287	6.8	131,419	17.2	64,493	27.3	195,912	17.7

**Table V.4 Recreational cast net effort and catch (in numbers) for Atlantic Menhaden (estimates based on mail survey) (continued).**

Year	Wave	Total Effort	PSE Effort	Total Menhaden Harvest	PSE Harvest	Total Menhaden Release	PSE Release	Total Menhaden Catch	PSE Total Catch
2013	Jan/Feb	12,872	16.4	16,679	57.0	5,859	52.1	22,538	51.3
	Mar/Apr	10,043	21.9	6,899	54.5	2,042	57.7	8,941	54.1
	May/June	25,337	11.9	34,407	29.8	18,238	39.1	52,645	32.1
	Jul/Aug	38,931	11.1	124,449	28.0	48,914	25.6	173,363	25.6
	Sep/Oct	23,617	16.4	23,447	39.2	13,161	39.2	36,608	36.2
	Nov/Dec	24,819	14.9	15,133	40.2	7,791	45.9	22,923	40.0
	Total	135,619	6.2	221,014	18.0	96,004	17.0	317,018	16.5
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	33,678	12.7	23,302	34.9	17,962	54.3	41,264	39.9
	Sep/Oct	32,483	10.8	68,965	32.8	25,754	36.6	94,719	32.8
	Nov/Dec	24,844	14.4	16,198	48.8	3,039	64.2	19,237	47.6
	Total	130,621	6.0	169,926	18.8	68,303	22.1	238,229	18.3
2011	Sep/Oct <sup>3</sup>	-	-	-	-	-	-	-	-
	Nov/Dec	15,152	17.6	48,423	32.4	19,952	42.3	68,375	32.4

<sup>3</sup> Mail survey was implemented in October 2011; the Sept/Oct wave was incomplete.

**Table V.5 Recreational cast net effort and catch (in numbers) for mullet (striped and white) (estimates based on mail survey).**

Year	Wave	Total Effort	PSE Effort	Total Mullet Harvest	PSE Harvest	Total Mullet Release	PSE Release	Total Mullet Catch	PSE Total Catch
2019	Jan/Feb	12,139	18.4	27,088	35.1	7,351	33.7	34,439	32.7
	Mar/Apr	9,674	21.4	11,023	37.4	3,517	47.8	14,540	34.7
	May/June	44,262	14.5	143,824	21.9	35,856	25.0	179,680	20.9
	Jul/Aug	39,904	14.5	210,967	20.3	122,890	33.6	333,857	20.8
	Sep/Oct	40,143	13.3	219,358	14.8	124,146	22.7	343,504	15.3
	Nov/Dec	16,819	20.1	76,555	30.7	27,125	33.3	103,680	30.0
	Total	162,941	7.1	688,815	10.0	320,885	16.5	1,009,700	10.2
2018	Jan/Feb	4,121	30.4	3,935	65.2	450	70.5	4,385	62.1
	Mar/Apr	8,950	20.8	16,051	41.4	4,560	43.2	20,611	39.5
	May/June	32,021	14.3	58,694	25.2	12,577	29.5	71,271	24.8
	Jul/Aug	11,125	20.3	43,317	24.2	13,418	33.4	56,735	24.5
	Sep/Oct	11,832	71.1	139,578	72.5	56,912	85.8	196,490	76.1
	Nov/Dec	20,890	16.3	85,612	18.4	20,987	23.6	106,599	18.4
	Total	88,939	12.1	347,187	30.1	108,904	45.4	456,091	33.5
2017	Jan/Feb	6,178	25.3	7,047	55.9	994	70.9	8,042	56.7
	Mar/Apr	16,513	15.9	36,630	25.7	13,572	30.5	50,202	26.3
	May/June	37,371	13.2	175,562	20.3	56,093	21.8	231,656	19.4
	Jul/Aug	54,353	13.8	218,395	15.6	89,636	19.3	308,031	15.0
	Sep/Oct	41,186	13.8	195,901	15.9	54,855	24.7	250,756	16.1
	Nov/Dec	27,259	14.4	89,393	18.6	24,847	28.1	114,240	18.9
	Total	182,861	6.7	722,929	8.8	239,998	11.3	962,927	8.7
2016	Jan/Feb	11,910	27.1	6,927	51.1	3,283	73.2	10,210	55.4
	Mar/Apr	13,803	20.5	17,333	44.5	1,238	63.5	18,571	42.0
	May/June	39,127	13.7	141,203	25.2	47,699	29.9	188,903	23.6
	Jul/Aug	51,085	11.8	306,614	18.3	109,938	22.3	416,552	17.7
	Sep/Oct	41,325	12.1	173,517	18.6	26,096	21.3	199,613	17.2
	Nov/Dec	34,673	16.3	102,800	26.5	31,637	33.1	134,437	27.0
	Total	191,922	6.4	748,394	10.9	219,892	14.3	968,286	10.7
2015	Jan/Feb	6,730	25.4	19,540	38.2	3,060	52.0	22,600	37.0
	Mar/Apr	13,981	18.5	25,446	28.2	5,880	33.6	31,326	27.9
	May/June	50,315	12.1	147,726	17.8	50,052	25.7	197,778	16.9
	Jul/Aug	71,656	10.7	400,123	13.9	156,696	19.1	556,819	14.1
	Sep/Oct	40,078	10.6	232,037	15.4	43,801	19.1	275,837	15.1
	Nov/Dec	24,116	17.8	117,650	21.6	36,550	26.2	154,200	21.9
	Total	206,876	6.0	942,521	8.4	296,039	12.2	1,238,561	8.5
2014	Jan/Feb	5,206	25.0	12,023	46.3	1,076	57.9	13,099	44.3
	Mar/Apr	16,131	19.0	13,949	45.0	1,859	60.3	15,807	43.0
	May/June	35,945	13.5	110,839	20.8	28,262	22.4	139,101	19.5
	Jul/Aug	52,883	13.7	208,730	18.1	63,626	19.8	272,356	16.8
	Sep/Oct	63,224	12.7	362,912	14.6	136,337	16.4	499,250	13.5
	Nov/Dec	23,867	14.5	74,605	19.7	20,344	26.7	94,949	19.2
	Total	197,257	6.8	783,058	9.4	251,504	11.1	1,034,561	8.9

**Table V.5 Recreational cast net effort and catch (in numbers) for mullet (striped and white) (estimates based on mail survey) (continued).**

Year	Wave	Total Effort	PSE Effort	Total Mullet Harvest	PSE Harvest	Total Mullet Release	PSE Release	Total Mullet Catch	PSE Total Catch
2013	Jan/Feb	13,053	18.3	57,047	30.0	7,862	36.4	64,909	29.7
	Mar/Apr	9,079	23.4	20,839	41.4	4,021	49.4	24,860	41.4
	May/June	24,541	11.8	65,072	24.4	21,957	30.5	87,030	24.8
	Jul/Aug	41,197	11.3	324,616	16.2	121,012	21.7	445,628	15.9
	Sep/Oct	25,872	16.3	159,790	20.9	39,065	26.1	198,855	19.8
	Nov/Dec	25,544	15.3	83,943	21.1	35,592	31.0	119,534	21.5
	Total	139,286	6.3	711,307	10.1	229,509	13.9	940,816	9.9
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	32,810	13.3	181,667	19.6	76,701	26.0	258,368	18.3
	Sep/Oct	30,377	11.2	292,859	13.0	72,004	16.1	364,862	12.6
	Nov/Dec	21,315	15.8	94,155	21.1	31,676	26.7	125,831	20.7
	Total	125,623	6.2	693,262	8.9	220,205	12.2	913,467	8.6
2011	Sep/Oct <sup>3</sup>	-	-	-	-	-	-	-	-
	Nov/Dec	16,007	17.4	74,461	24.7	31,210	36.1	105,671	24.9

<sup>3</sup> Mail survey was implemented in October 2011; the Sept/Oct wave was incomplete.

**Table V.6 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
2019	Jan/Feb	11,518	18.4	-	-	-	-	-	-
	Mar/Apr	10,476	20.0	-	-	-	-	-	-
	May/June	46,723	13.8	46,620	40.8	11,804	39.3	58,424	39.0
	Jul/Aug	44,469	14.5	17,635	48.0	250	100.0	17,885	47.5
	Sep/Oct	46,450	12.5	12,220	77.2	13,545	65.1	25,765	54.4
	Nov/Dec	17,346	19.4	6,792	59.8	1,544	100.0	8,336	63.9
	Total	176,982	6.9	83,267	28.1	27,143	37.3	110,410	26.1
2018	Jan/Feb	4,658	34.6	-	-	-	-	-	-
	Mar/Apr	10,228	19.8	1,206	100.0	-	-	1,206	100.0
	May/June	35,845	14.8	20,385	41.3	1,308	52.3	21,693	39.5
	Jul/Aug	12,908	19.2	52,655	94.2	192	100.0	52,847	93.9
	Sep/Oct	11,832	71.2	-	-	-	-	-	-
	Nov/Dec	20,263	16.5	14,904	67.7	-	-	14,904	67.7
	Total	95,734	11.7	89,151	57.6	1,500	47.5	90,651	56.7
2017	Jan/Feb	7,318	22.7	1,105	100.0	-	-	1,105	100.0
	Mar/Apr	17,945	15.4	1,257	100.0	-	-	1,257	100.0
	May/June	38,382	12.9	17,556	35.8	3,781	58.5	21,337	37.0
	Jul/Aug	52,265	13.4	56,353	34.7	13,110	53.3	69,463	36.6
	Sep/Oct	47,613	13.3	39,478	40.0	11,757	70.4	51,235	41.9
	Nov/Dec	29,071	14.4	7,644	56.0	3,579	74.3	11,223	56.0
	Total	192,593	6.5	123,393	21.8	32,227	35.6	155,621	22.9
2016	Jan/Feb	14,268	25.1	3,826	100.0	1,196	100.0	5,021	100.0
	Mar/Apr	15,246	19.2	1,802	87.1	746	100.0	2,548	90.6
	May/June	41,056	14.1	17,930	67.2	3,196	70.7	21,126	64.8
	Jul/Aug	54,288	12.1	173,302	30.2	49,762	47.4	223,064	30.6
	Sep/Oct	40,406	11.3	23,622	33.4	2,394	64.8	26,016	34.8
	Nov/Dec	28,974	17.0	16,951	41.4	1,965	58.6	18,916	41.3
	Total	194,237	6.4	237,433	23.7	59,259	40.7	296,692	24.5
2015	Jan/Feb	8,957	24.0	9,119	67.9	2015	70.6	11,134	62.3
	Mar/Apr	14,425	16.7	4,388	60.1	321	100.0	4,709	60.4
	May/June	55,668	11.8	39,530	36.7	5,274	51.1	44,804	37.3
	Jul/Aug	72,275	10.7	87,268	25.9	18,119	33.4	105,387	26.4
	Sep/Oct	40,828	10.8	24,761	53.4	6,686	66.8	31,447	54.8
	Nov/Dec	25,331	17.3	27,564	57.5	-	-	27,564	57.5
	Total	217,484	5.9	192,630	18.0	32,415	25.3	225,044	18.2
2014	Jan/Feb	6,696	23.0	1,390	100.0	-	-	1,390	100.0
	Mar/Apr	17,128	20.7	2,001	73.1	-	-	2,001	73.1
	May/June	33,723	13.4	28,797	44.5	1,074	49.8	29,871	43.3
	Jul/Aug	54,700	12.7	91,643	30.8	12,355	50.8	103,998	30.7
	Sep/Oct	66,873	11.9	74,088	38.1	16,176	66.9	90,264	35.6
	Nov/Dec	26,905	13.6	2,105	71.4	-	-	2,105	71.4
	Total	206,024	6.5	200,025	21.3	29,605	42.4	229,630	20.9

**Table V.6 Recreational cast net effort and catch (in numbers) for shrimp (estimates based on mail survey) (continued).**

Year	Wave	Total Effort	PSE Effort	Total Shrimp Harvest	PSE Harvest	Total Shrimp Release	PSE Release	Total Shrimp Catch	PSE Total Catch
2013	Jan/Feb	14,277	17.6	718	100.0	-	-	718	100.0
	Mar/Apr	9,869	22.3	6,783	72.3	-	-	6,783	72.3
	May/June	24,538	12.0	51,557	58.3	3,964	46.1	55,521	55.3
	Jul/Aug	42,438	11.0	67,922	26.6	7,335	39.3	75,258	26.3
	Sep/Oct	24,832	16.4	64,597	35.3	7,480	66.7	72,077	33.7
	Nov/Dec	26,239	15.0	12,574	45.7	1,785	63.1	14,359	44.4
	Total	142,193	6.2	204,151	21.0	20,563	30.0	224,715	20.0
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	31,450	13.4	18,033	48.5	716	53.5	18,749	47.2
	Sep/Oct	31,785	11.4	100,140	38.1	9,202	55.4	109,342	37.8
	Nov/Dec	24,179	14.9	19,702	50.6	-	-	19,702	50.6
	Total	127,806	6.2	159,828	26.3	19,584	34.8	179,412	25.2
2011	Sep/Oct <sup>3</sup>	-	-	-	-	-	-	-	-
	Nov/Dec	16,855	16.7	23,708	44.4	6855	67.3	30,563	44.7

<sup>3</sup>Mail survey was implemented in October 2011; the Sept/Oct wave was incomplete.

**Table V.7 Response rates for recreational shellfish and crab harvest by year.**

Year	Survey Metric <sup>4</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2019	Total Delivered Surveys	1,318	1,334	1,367	1,397	1,355	1,303	8,074
	Number Responses	436	370	334	344	384	418	2,286
	Responses (%)	33.1	27.7	24.4	24.6	28.3	32.1	28.3
2018	Total Delivered Surveys	1,309	1,311	1,383	1,378	1,353	1,346	8,080
	Number Responses	472	391	378	111	388	438	2,178
	Responses (%)	36.1	29.8	27.3	8.1	28.7	32.5	27.0
2017	Total Delivered Surveys	1,309	1,351	1,353	1,396	1,362	1,281	8,052
	Number Responses	491	447	377	230	416	443	2,404
	Responses (%)	37.5	33.1	27.9	16.5	30.5	34.6	29.9
2016	Total Delivered Surveys	1,279	1,258	1,273	1,359	1,355	1,236	7,760
	Number Responses	459	435	431	367	444	487	2,623
	Responses (%)	35.9	34.6	33.9	27.0	32.8	39.4	33.8
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
	Number Responses	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
	Number Responses	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
	Number Responses	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
	Number Responses	660	592	561	588	592	598	3,591
	Responses (%)	52.4	46.4	44.1	46.1	46.4	46.4	47.0

<sup>4</sup> Does not include deceased license holders or invalid addresses.

**Table V.8 Number and percent of recreational shellfish surveys reporting clam activity by year.**

Year	Survey Metric <sup>4</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2019	Total Responses (number)	436	370	334	344	384	418	2,286
	Reporting Clam Activity (number)	11	12	15	27	18	11	94
	Reporting Clam Activity (%)	2.5	3.2	4.5	7.8	4.7	2.6	4.1
2018	Total Responses (number)	472	391	378	111	388	438	2,178
	Reporting Clam Activity (number)	9	8	16	12	11	9	65
	Reporting Clam Activity (%)	1.9	2.0	4.2	10.8	2.8	2.1	3.0
2017	Total Responses (number)	491	447	377	230	416	443	2,404
	Reporting Clam Activity (number)	9	12	24	19	20	10	94
	Reporting Clam Activity (%)	1.8	2.7	6.4	8.3	4.8	2.3	3.9
2016	Total Responses (number)	459	435	431	367	444	487	2,623
	Reporting Clam Activity (number)	17	16	24	43	24	14	138
	Reporting Clam Activity (%)	3.7	3.7	5.6	11.7	5.4	2.9	5.3
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 (%)	2.0	1.9	3.8	13.4	5.6	2.0	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 (%)	3.0	2.9	3.6	4.8	4.7	3.3	3.7

<sup>4</sup>Does not include deceased license holders or invalid addresses.

**Table V.9 Number and percent of recreational shellfish surveys reporting oyster activity by year.**

Year	Survey Metric <sup>4</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2019	Total Responses (number)	436	370	334	344	384	418	2,286
	Reporting Oyster Activity (number)	15	6	0	2	10	17	50
	Reporting Oyster Activity (%)	3.4	1.6	0.0	0.6	2.6	4.1	2.2
2018	Total Responses (number)	472	391	378	111	388	438	2,178
	Reporting Oyster Activity (number)	13	12	0	0	5	10	40
	Reporting Oyster Activity (%)	2.8	3.1	0	0	1.3	2.3	1.8
2017	Total Responses (number)	491	447	377	230	416	443	2,404
	Reporting Oyster Activity (number)	17	11	1	1	5	16	51
	Reporting Oyster Activity (%)	3.5	2.5	0.3	0.4	1.2	3.6	2.1
2016	Total Responses (number)	459	435	431	367	444	487	2,623
	Reporting Oyster Activity (number)	17	6	0	1	7	15	46
	Reporting Oyster Activity (%)	3.7	1.4	0	0.3	1.6	3.1	1.8
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	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

<sup>4</sup> Does not include deceased license holders or invalid addresses.

**Table V.10 Number and percent of recreational shellfish surveys reporting crab activity by year.**

Year	Survey Metric <sup>4</sup>	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
2019	Total Responses (number)	436	370	334	344	384	418	2,286
	Reporting Crab Activity (number)	16	28	57	80	51	28	260
	Reporting Crab Activity (%)	3.7	7.6	17.1	23.3	13.3	6.7	11.4
2018	Total Responses (number)	472	391	378	111	388	438	2,178
	Reporting Crab Activity (number)	10	15	70	23	41	19	178
	Reporting Crab Activity (%)	2.1	3.8	18.5	20.7	10.6	4.3	8.2
2017	Total Responses (number)	491	447	377	230	416	443	2,404
	Reporting Crab Activity (number)	7	27	68	61	41	19	223
	Reporting Crab Activity (%)	1.4	6.0	18.0	26.5	9.9	4.3	9.3
2016	Total Responses (number)	459	435	431	367	444	487	2,623
	Reporting Crab Activity (number)	11	26	61	78	58	15	249
	Reporting Crab Activity (%)	2.4	6.0	14.2	21.3	13.1	3.1	9.5
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

<sup>4</sup> Does not include deceased license holders or invalid addresses.

**Table V.11 Recreational shellfish effort and catch (in numbers) for Hard Clam (estimates based on mail survey).**

Year	Wave	Total Effort	PSE Effort	Total Clam Harvest	PSE Harvest	Total Clam Release	PSE Release	Total Clam Catch	PSE Total Catch
2019	Jan/Feb	254	48.2	1,370	71.0	507	70.5	1,877	70.8
	Mar/Apr	621	74.2	195	100.0	0	00.0	195	100.0
	May/June	881	54.1	45,458	88.1	833	69.4	46,291	86.6
	Jul/Aug	1,906	34.4	51,820	39.3	11,637	43.4	63,457	39.5
	Sep/Oct	735	40.8	11,937	51.2	1,477	53.4	13,414	51.3
	Nov/Dec	692	72.8	3,261	78.9	543	100.0	3,804	81.3
	Total	5,089	21.7	114,041	40.0	14,997	34.9	129,038	37.3
2018	Jan/Feb	436	66.6	7,091	58.9	818	74.4	7,909	59.6
	Mar/Apr	250	52.3	2,599	70.8	338	100.0	2,936	71.5
	May/June	626	56.3	3,999	90.8	1,143	88.4	5,142	90.3
	Jul/Aug	328	42.3	4,266	54.1	1,413	45.0	5,679	50.0
	Sep/Oct	611	66.0	2,708	70.6	2,346	66.7	5,054	66.3
	Nov/Dec	111	68.3	6,107	79.1	1,480	70.1	7,587	76.1
	Total	2,362	27.0	26,770	30.4	7,538	31.0	34,307	29.3
2017	Jan/Feb	254	38.3	10,675	58.7	1,779	58.7	12,455	58.5
	Mar/Apr	486	46.0	9,111	62.5	2,203	58.4	11,314	60.8
	May/June	1,161	33.4	37,706	40.1	7,429	41.2	45,134	39.0
	Jul/Aug	346	57.8	4,283	49.5	1,456	45.2	5,740	47.5
	Sep/Oct	752	32.9	11,880	36.2	5,023	36.7	16,903	35.5
	Nov/Dec	437	45.4	1,516	80.2	233	100.0	1,749	82.4
	Total	3,435	17.4	75,171	24.1	18,124	22.2	93,295	23.0
2016	Jan/Feb	284	50.2	8,955	58.2	1,677	64.7	10,632	58.5
	Mar/Apr	1,661	58.5	16,160	44.1	6,929	48.0	23,089	41.1
	May/June	5,076	37.5	45,420	33.9	6,487	41.5	51,907	32.3
	Jul/Aug	361	33.0	6,498	43.8	1,972	42.0	8,470	40.3
	Sep/Oct	769	43.8	5,887	51.5	2,294	50.6	8,181	46.6
	Nov/Dec	474	54.5	2,848	61.2	449	58.5	3,297	60.7
	Total	8,625	25.6	85,769	21.5	19,808	23.5	105,577	20.0
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

**Table V.11 Recreational cast net effort and catch (in numbers) for Hard Clam (estimates based on mail survey) (continued).**

Year	Wave	Total Effort	PSE Effort	Total Clam Harvest	PSE Harvest	Total Clam Release	PSE Release	Total Clam Catch	PSE Total Catch
2013	Jan/Feb	824	63.5	3,142	100.0	682	72.5	3,824	89.6
	Mar/Apr	986	81.6	-	-	-	-	-	-
	May/Jun	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/Jun	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	Sep/Oct <sup>3</sup>	-	-	-	-	-	-	-	-
	Nov/Dec	781	36.4	26,765	38.2	1,974	49.9	28,739	37.9
	Total	781	36.4	26,765	38.2	1,974	49.9	28,739	37.9

<sup>3</sup> Mail survey was implemented in October 2011; the Sept/Oct wave was incomplete.

**Table V.12 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
2019	Jan/Feb	1,003	47.0	1,776	50.9	2,977	44.4	4,753	38.7
	Mar/Apr	1,801	27.1	2,487	44.5	3,269	39.0	5,576	34.4
	May/June	6,884	29.0	27,645	31.1	20,130	23.5	47,775	25.9
	Jul/Aug	6,545	14.2	23,979	23.9	29,117	21.7	53,096	19.3
	Sep/Oct	3,632	17.3	17,308	23.8	15,350	23.1	32,658	22.5
	Nov/Dec	2,135	25.9	8,620	43.5	7,941	46.4	16,561	40.4
	Total	22,000	12.0	81,815	14.7	78,784	12.4	160,599	12.1
2018	Jan/Feb	436	66.5	-	-	-	-	-	-
	Mar/Apr	538	41.0	675	71.9	575	65.6	1,250	68.0
	May/June	9,767	20.0	22,980	25.9	32,787	23.1	55,767	22.4
	Jul/Aug	1,661	23.4	10,759	64.3	9,960	33.3	20,719	46.8
	Sep/Oct	3,123	29.5	13,352	38.8	13,148	39.7	26,501	38.0
	Nov/Dec	1,294	44.0	-	-	554	65.0	554	65.0
	Total	16,819	15.2	47,766	22.3	57,024	17.5	104,791	18.3
2017	Jan/Feb	142	73.5	-	-	-	-	-	-
	Mar/Apr	1,426	23.1	3,055	61.3	4,380	40.5	7,435	41.9
	May/June	4,521	13.1	21,326	30.6	21,807	22.1	43,134	24.5
	Jul/Aug	7,716	15.9	26,539	29.8	23,217	20.5	49,756	23.5
	Sep/Oct	2,236	17.7	12,397	33.0	14,181	25.5	26,578	28.0
	Nov/Dec	1,341	33.7	9,328	49.0	4,081	46.9	13,409	46.9
	Total	17,381	10.6	72,645	16.97	67,667	12.21	140,311	13.69
2016	Jan/Feb	1,218	46.4	-	-	-	-	-	-
	Mar/Apr	1,111	28.6	4,696	49.6	3,351	39.8	8,047	39.6
	May/June	5,192	20.9	16,720	26.2	18,446	20.1	35,166	21.0
	Jul/Aug	7,435	14.8	21,722	22.0	41,521	20.1	63,243	19.2
	Sep/Oct	7,537	19.0	40,047	24.7	19,157	20.4	59,204	22.4
	Nov/Dec	832	43.5	1,694	58.2	305	72.0	1,999	58.0
	Total	23,325	9.9	84,879	14.4	82,781	12.3	167,660	11.9
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

**Table V.12 Recreational cast net effort and catch (in numbers) for Blue Crab (estimates based on mail survey) (continued).**

Year	Wave	Total Effort	PSE Effort	Total Crab Harvest	PSE Harvest	Total Crab Release	PSE Release	Total Crab Catch	PSE Total Catch
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	Sep/Oct <sup>3</sup>	-	-	-	-	-	-	-	-
	Nov/Dec	1,588	26.1	8,031	38.4	3,457	37.1	11,488	37.1
	Total	1,588	26.1	8,031	38.4	3,457	37.1	11,488	37.1

<sup>3</sup> Mail survey was implemented in October 2011; the Sept/Oct wave was incomplete.

**Table V.13 Recreational shellfish effort and catch (bushels) for Oysters (estimates based on mail survey).**

Year	Wave	Total Effort	PSE Effort	Total Oyster Harvest	PSE Harvest	Total Oyster Release	PSE Release	Total Oyster Catch	PSE Total Catch
2019	Jan/Feb	584	31.0	235	46.8	-	-	235	46.8
	Mar/Apr	-	-	-	-	-	-	-	-
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	108	100.0	163	100.0	-	-	163	100.0
	Sep/Oct	370	43.2	154	59.7	-	-	154	59.7
	Nov/Dec	611	35.2	329	41.3	-	-	329	41.3
	Total	1,673	21.3	881	29.1	-	-	881	29.1
2018	Jan/Feb	764	40.3	82	100	-	-	82	100
	Mar/Apr	531	42.4	165	60.5	-	-	165	60.5
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	-	-	-	-	-	-	-	-
	Sep/Oct	48	69.1	24	100.0	-	-	24	100.0
	Nov/Dec	408	42.9	117	59.88	-	-	117	59.9
	Total	1,751	25.2	388	38.4	-	-	388	38.4
2017	Jan/Feb	1331	24.1	1337	37.17	-	-	1337	37.17
	Mar/Apr	956	46.6	303	44.6	-	-	303	44.6
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	-	-	-	-	-	-	-	-
	Sep/Oct	-	-	-	-	-	-	-	-
	Nov/Dec	829	41.2	392	44.1	-	-	392	44.1
	Total	3,116	22.6	2,033	26.9	-	-	2,033	26.9
2016	Jan/Feb	669	30.5	411	41.87	-	-	411	41.87
	Mar/Apr	113	68.5	36	85.8	-	-	36	85.8
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	-	-	-	-	-	-	-	-
	Sep/Oct	-	-	-	-	-	-	-	-
	Nov/Dec	2,157	29.5	884	46.5	-	-	884	46.5
	Total	2,940	27.3	1,331	33.7	-	-	1,331	33.7
2015	Jan/Feb	487	35.9	487	43.81	-	-	487	43.81
	Mar/Apr	-	-	-	-	-	-	-	-
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	-	-	-	-	-	-	-	-
	Sep/Oct	327	73.5	39	100.0	-	-	39	100.0
	Nov/Dec	508	41.0	161	48.6	-	-	161	48.6
	Total	1,322	28.6	686	33.8	-	-	686	33.8
2014	Jan/Feb	271	48.2	108	78.95	-	-	108	78.95
	Mar/Apr	-	-	-	-	-	-	-	-
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	-	-	-	-	-	-	-	-
	Sep/Oct	-	-	-	-	-	-	-	-
	Nov/Dec	641	29.7	442	44.4	-	-	442	44.4
	Total	912	31.3	550	39.1	-	-	550	39.1

**Table V.13 Recreational shellfish effort and catch (bushels) for Oysters (estimates based on mail survey) (continued).**

Year	Wave	Total Effort	PSE Effort	Total Oyster Harvest	PSE Harvest	Total Oyster Release	PSE Release	Total Oyster Catch	PSE Total Catch
2013	Jan/Feb	576	56.2	52	100	-	-	52	100
	Mar/Apr	416	67.0	30	100.0	-	-	30	100.0
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	-	-	-	-	-	-	-	-
	Sep/Oct	37	100.0	19	100.0	-	-	19	100.0
	Nov/Dec	560	32.7	364	45.7	-	-	364	45.7
	Total	1,589	30.7	465	38.4	-	-	465	38.4
2012	Jan/Feb	2211	25.7	136	59.6	-	-	136	59.6
	Mar/Apr	-	-	-	-	-	-	-	-
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	-	-	-	-	-	-	-	-
	Sep/Oct	-	-	-	-	-	-	-	-
	Nov/Dec	1,146	21.5	679	32.3	-	-	679	32.3
	Total	3,357	23.2	815	28.9	-	-	815	28.9
2011	Jan/Feb	481	63.6	70	84.9	-	-	70	84.9
	Mar/Apr	371	65.5	64	100.0	-	-	64	100.0
	May/Jun	-	-	-	-	-	-	-	-
	Jul/Aug	-	-	-	-	-	-	-	-
	Sep/Oct	29	69.6	11	74.4	-	-	11	74.4
	Nov/Dec	997	35.1	676	51.8	-	-	676	51.8
	Total	1,878	30.0	821	44.1	-	-	821	44.1

## Appendix V.1

## Primary and secondary waterbodies.

### North Carolina Waterbodies

Please list the major waterbody (in bold) you used from the following list.

<p><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</p> <p><b><u>Bay River</u></b> Bonner Bay Fishermen Bay Rockhole Bay Trent Creek Vandermere Creek</p> <p><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</p> <p><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</p> <p><b><u>Chowan River</u></b> Meherrin River</p> <p><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</p>	<p><b><u>Croatan Sound</u></b> Manns Harbor</p> <p><b><u>Currituck Sound</u></b> Above Narrows Below Narrows Coinjock Bay Knotts Island Bay</p> <p><b><u>Little River</u></b> Bonaparte Creek Calabash Creek Eastern Channel Ocean Isle Canals</p> <p><b><u>Lockwood Folly</u></b> Spring Branch</p> <p><b><u>Masonboro Sound</u></b> Banks Channel Carolina Beach Basin Carolina Beach Inlet Johns Creek Mason Inlet Masonboro Channel Masonboro Inlet Rich Inlet</p> <p><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 River Turnagain Bay Upper Broad Creek</p> <p><b><u>New River</u></b> Chadwick Bay Courthouse Bay Farnell Bay Morgan Bay Stones Bay</p> <p><b><u>Newport River</u></b> Calico Creek Core Creek Haystacks S. of Core Creek Bridge Taylor Creek Town Creek</p>	<p><b><u>North River (Carteret)</u></b></p> <p><b><u>Davis Bay</u></b> Goose Bay Muddy Creek North River Thorofare The Straits Ward Creek</p> <p><b><u>Pasquotank River</u></b> Little Flatty Creek Newbegun Creek</p> <p><b><u>Pamlico River</u></b> Bath Creek Blounts Bay Blounts Creek Broad Creek Durham Creek Goose Creek North Creek South Creek St. Clairs Creek</p> <p><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</p> <p><b><u>Pungo River</u></b> Fortescue Creek Jordan Creek Pantego Creek Pungo Creek Satterthwaite Creek Slade Creek Wrights Creek</p> <p><b><u>Roanoke River</u></b> Broad Creek Eastmost River Middle River</p>	<p><b><u>Roanoke Sound</u></b> Broad Creek Kitty Hawk Bay Shallowbag Bay</p> <p><b><u>Shalotte River</u></b> Gibbs Creek Little Shalotte River</p> <p><b><u>Stump Sound</u></b> Alligator Bay Thomas Landing Mill Creek</p> <p><b><u>Topsail Sound</u></b> Virginia Creek Topsail Creek Elmore Inlet</p> <p><b><u>White Oak River</u></b></p> <p><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></p> <p><b>Intercoastal Waterway</b> Brunswick County</p> <p><b>Intercoastal Waterway</b> Carteret County</p> <p><b>Intercoastal Waterway</b> Craven County</p> <p><b>Intercoastal Waterway</b> New Hanover County</p> <p><b>Intracoastal Waterway</b> Onslow County</p> <p><b>Intracoastal Waterway</b> Pender County</p> <p><b>Atlantic Ocean</b> (north of Cape Hatteras)</p> <p><b>Atlantic Ocean</b> (south of Cape Hatteras)</p>
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Information on catch and size limits can be found at:

<http://portal.ncdenr.org/web/mf/recreational-fishing-size-and-bag-limits>

**North Carolina Division of Marine Fisheries**  
***Saltwater Recreational Cast Net/Seine Survey***

Survey Recipient Name  
 Address Line 1  
 Address Line 2  
 Survey PIN: Customer ID #

If your name or mailing address (to the left) is incorrect, please fill in the correct information below.

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: \_\_\_\_\_

**Cast net/Seine Participation Information**

- Check here if you **did not** use saltwater recreational cast nets or seines during the period of **(bi-monthly dates)**. (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 time in helping us learn more about the catch and efforts of our cast net/seine angling community. Please feel free to write any questions, comments, or suggestions below.

**If you have cast net/seine activity to report for the period of**  
**(bi-monthly dates),**  
**please complete the survey questions on the next page.**

**Trip Information**

Please answer the following questions **only for saltwater recreational cast net/seine trips** that occurred during the period of **(bi-monthly dates)** in North Carolina.

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 (in 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 (in 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 back of your cover letter.)

**Catch Information (including bait fish)**

If you used a **saltwater cast net and/or seine RECREATIONALLY** during the period of **(bi-monthly dates)** 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. Only list species caught in your cast net/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 and participation.**

Please return your completed survey in the postage paid envelope provided or mail to:  
Ami Staples c/o NCDMF, 943 Washington Square Mall, Washington NC 27889



**Trip Information**

Please answer the following questions **only for gigging trips** that occurred during the period of **(bi-monthly dates)** in North Carolina.

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? \_\_\_\_\_  
(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
- 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 the period of **(bi-monthly dates)** in North Carolina waters, please complete the table below based on those experiences. Do not include commercial or hook and line activity. You should only include information on fish captured while gigging (including those species other than flounder).

Species (list other species below)	Total number kept	Total pounds kept (optional)	Total number thrown back
flounder			

**Thank you for your time and participation.**

Please return your completed survey in the postage paid envelope provided or mail to:  
Ami Staples c/o NCDMF, 943 Washington Square Mall, Washington NC 27889

**North Carolina Division of Marine Fisheries**  
**Recreational Crab and Shellfish Harvesting Survey**

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Survey Recipient Name  
 Address Line 1  
 Address Line 2  
 Survey PIN: Customer ID #

If your name or mailing address (to the left) is incorrect,  
 please fill in the correct information below.

Name	
Address	
City	
State	Zip

**General Survey Information**

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)

**Crab and Shellfish Harvest Participation Information**

Check here if you did **not** attempt to harvest any crabs, oysters, and clams in North Carolina during the period of **(bi-monthly dates)**. (If you harvested any crabs, oysters, and/or clams, please report activity on the next page.)

**Please verify your address is correct and return the survey with the envelope provided.**  
 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.

**If you attempted to harvest crabs and/or shellfish in North Carolina for the period of (bi-monthly dates), please complete the survey questions on the next page.**

**Recreational Crab and Shellfish Harvesting Survey**

<b>BLUE CRABS</b>		I did not go crabbing from (bi-monthly dates) <input 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) _____	Total number of <u>crabbing</u> trips made during this time period. _____	What gears did you use for <u>crabbing</u> ? (Choose all that apply)	
		<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> : _____			
(REFER TO WATERBODY LIST ON THE BACK OF YOUR COVER LETTER)			

<b>CLAMS</b>		I did not go clamming from (bi-monthly dates) <input 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) _____	Total number of <u>clamming</u> trips made during this time period. _____	What gears did you use for <u>clamming</u> ? (Choose all that apply)	
		<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> : _____			
(REFER TO WATERBODY LIST ON THE BACK OF YOUR COVER LETTER)			

**Recreational Crab and Shellfish Harvesting Survey**

<b>OYSTERS</b>	I did not go oystering from (bi-monthly dates) <input type="checkbox"/>
<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) _____	<b>What gears did you use for <u>oystering</u>?</b> (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> : _____	
(REFER TO WATERBODY LIST ON THE BACK OF YOUR COVER LETTER)	

**Thank you for your time and participation.**

Please return your completed survey in the postage paid envelope provided or mail to:  
Ami Staples c/o NCDMF, 943 Washington Square Mall, Washington NC 27889

## Chapter VI: FISHERIES ECONOMICS

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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, as well as indicators of how these industries are changing over time. 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 impacts. 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 effects taking place strictly within 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), North Carolina Wildlife Resources Commission Portal Access to Wildlife Systems (NCWRC PAWS) program, 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 and use ex-vessel value. 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. 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).

### **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, last updated July 2017. These estimates are a product of IMPLAN economic impact modeling software, customized with data from NCDMF and economic multipliers originating from the National Oceanic and Atmospheric Administration (NOAA)

Fisheries Commercial Fishing and Seafood Industry Input/Output Model (NOAA 2011; IMPLAN 2018). Commercial landings data from the NCDMF Trip Ticket Program are used as the primary input along with 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, Stemle and Wiegand A&B 2017, Stemle and Wiegand 2018). 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 July 2017. 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 NOAA Fisheries 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 (inshore, offshore, onshore) and by mode (i.e., shore, for-hire, private/rental vessel, and man-made) that are derived from the NOAA Fisheries 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, Stemle 2018). 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 (CSMA) Recreational Fishing 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. The focus of these survey have been 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 was used and input with total estimated angler trip expenditures that were calculated based on data collected from anglers in each river basin respectively each year during the CSMA Creel Survey. These expenditures are grouped into categories for lodging, food, ice, bait, boat fuel and oil, and vehicle fuel. Trip expenditures for angling parties were broken down into overall mean expenses per angler hour. Mean trip expenditures were 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:

$$TE = (L, F, I, Ba, Bf, Vf) * Tr$$

where  $TE$  is the estimated total expenditures,  $L$  is the average lodging expenditure,  $F$  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  $Tr$  is the total number of estimated trips. Once total expenditures were estimated, they were input into IMPLAN software under the appropriate sector to provide the estimated economic impacts generated by the recreational fishing activity examined. These impacts demonstrated large variability annually, which was primarily attributed to changes in survey responses regarding lodging. As lodging constitutes a higher per-trip expenditure than other categories, years that more respondents claim lodging costs, as well as years that fewer respondents specifically note “zero” lodging costs, correlated to higher economic impacts. This variability may be a valid indicator of expenditures annually but may also be a result of implicit survey bias.

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## CONTACTS

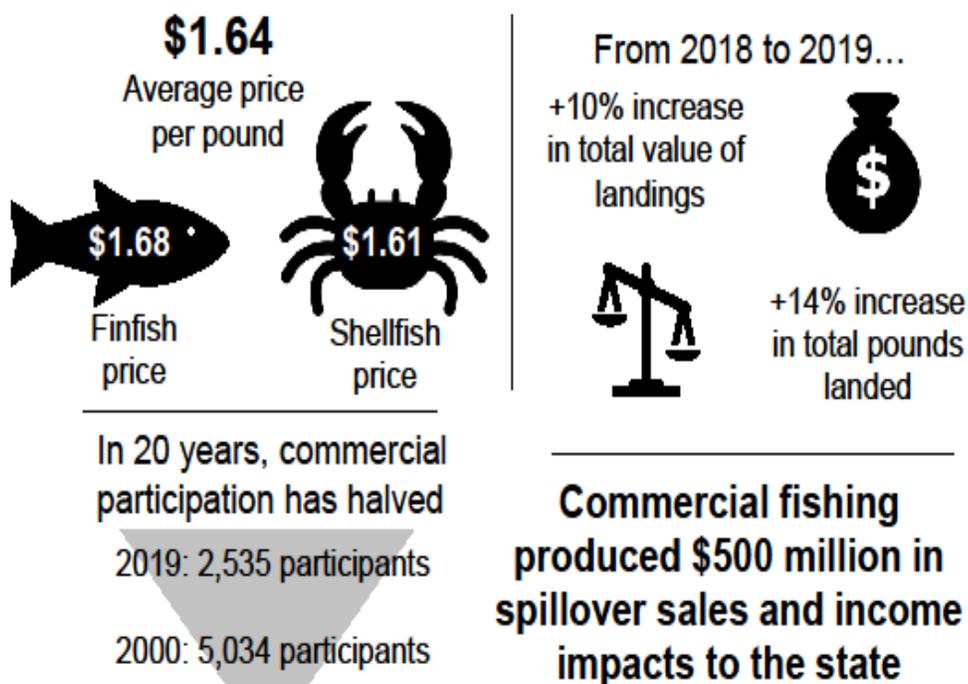
The socioeconomic program is administered by the North Carolina Division of Marine Fisheries, Morehead City Headquarters Office. For questions regarding the economic data presented, please contact:

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## Fisheries Economics Program: 2019 Highlights

### Commercial Industry



### Recreational Industry

**\$3.13B total estimated angler expenditures in 2019**

Top spending categories (approximate values):



Vehicle and Boat Fuel:  
\$1B



Groceries:  
\$700M



Bait and Tackle:  
\$700M

**Recreational fishing expenditures supported 34,000 additional jobs and \$4B in spillover sales impacts in NC**

**Table VI.1 Top five commercial species ranked by ex-vessel value of landings.**

Rank	2019		2018		2017	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Blue Crabs, Hard	\$22,194,103	Blue Crabs, Hard	\$17,296,000	Shrimp, White	\$20,628,755
2	Shrimp, White	\$18,878,990	Shrimp, Brown	\$11,198,994	Blue Crabs, Hard	\$17,767,012
3	Flounder, Summer	\$7,292,375	Shrimp, White	\$8,571,111	Shrimp, Brown	\$8,536,519
4	Oysters	\$4,889,703	Flounder, Summer	\$6,893,316	Flounder, Summer	\$6,315,997
5	Tunas	\$3,440,754	Tunas	\$4,332,426	Flounder, Southern	\$5,656,948

Rank	2016		2015		2014	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Blue Crabs, Hard	\$20,736,477	Blue Crabs, Hard	\$29,606,587	Blue Crabs, Hard	\$29,954,723
2	Shrimp, White	\$19,728,491	Shrimp, Brown	\$10,513,252	Shrimp, Brown	\$10,326,997
3	Shrimp, Brown	\$8,386,288	Flounder, Summer	\$9,092,495	Flounder, Summer	\$8,225,282
4	Flounder, Summer	\$8,238,710	Shrimp, White	\$6,228,725	Flounder, Southern	\$4,839,672
5	Oysters	\$4,059,849	Clams, Hard	\$5,038,973	Oysters	\$4,544,236

**Table VI.2 Top five commercial non-fish species ranked by ex-vessel value of landings.**

Rank	2019		2018		2017	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Blue Crabs, Hard	\$22,194,103	Blue Crabs, Hard	\$17,296,000	Shrimp, White	\$20,628,755
2	Shrimp, White	\$18,878,990	Shrimp, Brown	\$11,198,994	Blue Crabs, Hard	\$17,767,012
3	Oysters	\$4,889,703	Shrimp, White	\$8,571,111	Shrimp, Brown	\$8,536,519
4	Shrimp, Brown	\$2,964,476	Oysters	\$3,897,568	Oysters	\$5,590,559
5	Blue Crabs, Peeler	\$1,237,027	Clams, Hard	\$1,628,664	Blue Crabs, Soft	\$2,791,960

Rank	2016		2015		2014	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Blue Crabs, Hard	\$20,736,477	Blue Crabs, Hard	\$29,606,587	Blue Crabs, Hard	\$29,954,723
2	Shrimp, White	\$19,728,491	Shrimp, Brown	\$10,513,252	Shrimp, Brown	\$10,326,997
3	Shrimp, Brown	\$8,386,288	Shrimp, White	\$6,228,725	Oysters	\$4,544,236
4	Oysters	\$4,059,849	Clams, Hard	\$5,038,973	Shrimp, White	\$3,483,015
5	Clams, Hard	\$2,578,120	Oysters	\$3,911,399	Clams, Hard	\$2,866,096

**Table VI.3 Top five commercial finfish species ranked by ex-vessel value of landings.**

Rank	2019		2018		2017	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Flounder, Summer	\$7,292,375	Flounder, Summer	\$6,893,316	Flounder, Summer	\$6,315,997
2	Tunas	\$3,440,754	Tunas	\$4,332,426	Flounder, Southern	\$5,656,948
3	Flounder, Southern	\$3,077,470	Flounder, Southern	\$3,822,575	Tunas	\$5,091,809
4	Mackerel, King	\$1,570,680	Croaker, Atlantic	\$1,631,494	Sea Basses	\$1,862,633
5	Snappers	\$1,566,839	Sea Basses	\$1,518,224	Mackerel, Spanish	\$1,384,543

Rank	2016		2015		2014	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Flounder, Summer	\$8,238,710	Flounder, Summer	\$9,092,495	Flounder, Summer	\$8,225,282
2	Flounder, Southern	\$3,618,196	Flounder, Southern	\$3,823,788	Flounder, Southern	\$4,839,672
3	Tunas	\$3,220,820	Tunas	\$2,916,057	Tunas	\$3,647,436
4	Croaker, Atlantic	\$2,216,211	Croaker, Atlantic	\$1,646,350	Swordfish	\$2,109,549
5	Sea Basses	\$1,346,245	Sea Basses	\$1,366,822	Croaker, Atlantic	\$1,865,595

**Table VI.4 Top five commercial gears ranked by ex-vessel value of landings.**

Rank	2019		2018		2017	
	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value
1	Crab Pot	\$22,754,034	Shrimp Trawl	\$19,463,592	Shrimp Trawl	\$28,606,820
2	Shrimp Trawl	\$21,560,762	Crab Pot	\$17,817,831	Crab Pot	\$18,259,177
3	Flounder Trawl	\$8,234,946	Flounder Trawl	\$7,988,145	Gill net (anchored)	\$9,257,123
4	Gill net (anchored)	\$7,217,753	Gill net (anchored)	\$7,589,088	Flounder Trawl	\$7,681,131
5	Longline	\$4,125,185	Longline	\$4,486,112	Longline	\$5,404,330

Rank	2016		2015		2014	
	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value
1	Shrimp Trawl	\$27,247,747	Crab Pot	\$30,438,526	Crab Pot	\$31,254,009
2	Crab Pot	\$21,601,237	Shrimp Trawl	\$16,216,651	Shrimp Trawl	\$13,815,472
3	Flounder Trawl	\$9,096,175	Flounder Trawl	\$10,047,329	Gill net (anchored)	\$9,438,932
4	Gill net (anchored)	\$8,680,162	Gill net (anchored)	\$8,065,726	Flounder Trawl	\$9,016,925
5	Longline	\$4,975,314	Longline	\$4,715,705	Longline	\$6,706,582

**Table VI.5 Top five North Carolina counties ranked by ex-vessel value of commercial landings.**

Rank	2019		2018		2017	
	County	Ex-Vessel Value	County	Ex-Vessel Value	County	Ex-Vessel Value
1	Dare	\$19,822,344	Dare	\$19,280,585	Dare	\$23,683,159
2	Carteret	\$18,636,908	Carteret	\$16,589,911	Carteret	\$20,662,095
3	Hyde	\$9,182,132	Hyde	\$10,815,091	Hyde	\$12,811,250
4	Pamlico	\$8,948,624	Pamlico	\$8,051,828	Pamlico	\$9,836,132
5	Onslow	\$5,271,885	Onslow	\$3,580,125	Onslow	\$5,792,909

Rank	2016		2015		2014	
	County	Ex-Vessel Value	County	Ex-Vessel Value	County	Ex-Vessel Value
1	Dare	\$21,279,105	Dare	\$20,975,467	Dare	\$26,596,445
2	Carteret	\$18,222,596	Carteret	\$18,305,211	Carteret	\$14,583,443
3	Hyde	\$12,860,060	Hyde	\$10,980,166	Hyde	\$10,352,880
4	Pamlico	\$10,561,218	Pamlico	\$8,478,567	Pamlico	\$6,465,954
5	Onslow	\$6,558,833	Onslow	\$6,019,544	Camden	\$6,087,926

**Table VI.6 Top five North Carolina ports ranked by ex-vessel value of commercial landings.**

Rank	2019		2018		2017	
	Port	Ex-Vessel Value	Port	Ex-Vessel Value	Port	Ex-Vessel Value
1	Morehead City/Beaufort	\$14,229,673	Morehead City/Beaufort	\$13,043,235	Wanchese	\$16,253,538
2	Wanchese	\$12,000,916	Wanchese	\$12,085,504	Morehead City/Beaufort	\$15,951,459
3	Engelhard	\$5,146,984	Engelhard	\$5,821,504	Engelhard	\$7,611,885
4	Oriental	\$4,916,343	Oriental	\$4,676,438	Sneads Ferry	\$4,796,742
5	Sneads Ferry	\$4,522,232	Swan Quarter	\$4,015,823	Oriental	\$4,647,158

Rank	2016		2015		2014	
	Port	Ex-Vessel Value	Port	Ex-Vessel Value	Port	Ex-Vessel Value
1	Wanchese	\$14,724,895	Morehead City/Beaufort	\$14,187,831	Wanchese	\$17,012,857
2	Morehead City/Beaufort	\$14,486,751	Wanchese	\$13,325,325	Morehead City/Beaufort	\$10,721,496
3	Engelhard	\$7,505,492	Engelhard	\$6,710,760	Engelhard	\$6,750,471
4	Sneads Ferry	\$5,244,145	Shiloh	\$5,343,108	Shiloh	\$6,079,732
5	Hobucken/Lowland	\$4,691,929	Columbia	\$4,922,453	Columbia	\$4,727,104

**Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed.**

Range of Ex-Vessel Value	2019		2018	
	Participants	Total Value	Participants	Total Value
\$1-\$499	406	\$86,528	446	\$91,842
\$500-\$999	170	\$122,921	218	\$158,134
\$1,000-\$4,999	584	\$1,490,806	576	\$1,509,756
\$5,000-\$9,999	282	\$2,035,908	312	\$2,230,003
\$10,000-\$24,999	387	\$6,256,234	403	\$6,652,199
\$25,000-\$49,999	262	\$9,364,788	235	\$8,325,330
\$50,000-\$99,999	195	\$14,310,397	259	\$18,340,942
\$100,000-\$249,999	190	\$28,823,274	154	\$22,789,202
\$250,000-\$499,999	47	\$15,897,834	44	\$14,941,702
Over \$500,000	12	\$8,244,145	4	\$2,859,715
Total	2,535	\$86,632,835	2,651	\$77,898,825

Range of Ex-Vessel Value	2017		2016	
	Participants	Total Value	Participants	Total Value
\$1-\$499	470	\$98,587	475	\$102,098
\$500-\$999	227	\$166,251	221	\$158,178
\$1,000-\$4,999	649	\$1,694,390	664	\$1,722,376
\$5,000-\$9,999	337	\$2,469,292	363	\$2,604,829
\$10,000-\$24,999	474	\$7,741,548	457	\$7,293,014
\$25,000-\$49,999	294	\$10,523,339	316	\$11,211,651
\$50,000-\$99,999	247	\$18,008,827	232	\$16,829,501
\$100,000-\$249,999	178	\$26,559,273	191	\$28,511,515
\$250,000-\$499,999	52	\$17,628,847	39	\$13,409,334
Over \$500,000	17	\$11,703,358	16	\$12,281,260
Total	2,945	\$96,593,712	2,974	\$94,123,755

Range of Ex-Vessel Value	2015		2014	
	Participants	Total Value	Participants	Total Value
\$1-\$499	528	\$113,804	601	\$122,308
\$500-\$999	279	\$202,711	242	\$174,569
\$1,000-\$4,999	701	\$1,782,328	732	\$1,859,711
\$5,000-\$9,999	326	\$2,368,502	351	\$2,555,380
\$10,000-\$24,999	462	\$7,627,853	439	\$7,204,381
\$25,000-\$49,999	314	\$11,150,863	308	\$10,999,495
\$50,000-\$99,999	255	\$17,743,811	240	\$17,372,562
\$100,000-\$249,999	217	\$32,346,219	204	\$30,555,946
\$250,000-\$499,999	42	\$13,419,995	46	\$15,461,200
Over \$500,000	12	\$7,966,309	11	\$7,804,722
Total	3,136	\$94,722,394	3,174	\$94,110,276

**Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).**

Range of Ex-Vessel Value	2013		2012	
	Participants	Total Value	Participants	Total Value
\$1-\$499	603	\$122,802	667	\$135,093
\$500-\$999	266	\$192,033	244	\$180,865
\$1,000-\$4,999	710	\$1,846,711	760	\$1,927,886
\$5,000-\$9,999	364	\$2,621,547	370	\$2,673,233
\$10,000-\$24,999	437	\$7,171,606	430	\$6,995,774
\$25,000-\$49,999	337	\$11,884,546	293	\$10,533,771
\$50,000-\$99,999	229	\$16,368,845	220	\$15,220,473
\$100,000-\$249,999	167	\$25,479,283	149	\$21,646,334
\$250,000-\$499,999	35	\$10,975,611	31	\$9,770,831
Over \$500,000	3	\$2,440,694	5	\$3,486,833
<b>Total</b>	<b>3,151</b>	<b>\$79,103,678</b>	<b>3,169</b>	<b>\$72,571,092</b>

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	\$1,955,307	768	\$1,971,177
\$5,000-\$9,999	344	\$2,419,812	396	\$2,770,755
\$10,000-\$24,999	465	\$7,448,284	475	\$7,700,522
\$25,000-\$49,999	290	\$10,215,529	323	\$11,515,814
\$50,000-\$99,999	238	\$17,033,726	281	\$20,354,586
\$100,000-\$249,999	140	\$20,797,393	160	\$23,083,296
\$250,000-\$499,999	26	\$9,078,159	25	\$8,490,881
Over \$500,000	3	\$1,901,352	5	\$3,584,743
<b>Total</b>	<b>3,244</b>	<b>\$71,184,008</b>	<b>3,598</b>	<b>\$79,866,731</b>

Range of Ex-Vessel Value	2009		2008	
	Participants	Total Value	Participants	Total Value
\$1-\$499	894	\$168,722	881	\$165,245
\$500-\$999	343	\$250,123	316	\$228,299
\$1,000-\$4,999	857	\$2,212,871	834	\$2,126,719
\$5,000-\$9,999	414	\$2,971,334	355	\$2,559,749
\$10,000-\$24,999	524	\$8,463,374	495	\$7,901,800
\$25,000-\$49,999	308	\$10,859,195	321	\$11,462,835
\$50,000-\$99,999	224	\$15,970,554	240	\$17,103,112
\$100,000-\$249,999	162	\$23,425,162	187	\$29,339,527
\$250,000-\$499,999	23	\$7,430,468	26	\$8,841,946
Over \$500,000	7	\$5,444,176	9	\$7,080,472
<b>Total</b>	<b>3,756</b>	<b>\$77,195,980</b>	<b>3,664</b>	<b>\$86,809,702</b>

**Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).**

Range of Ex-Vessel Value	2007		2006	
	Participants	Total Value	Participants	Total Value
\$1-\$499	866	\$167,992	776	\$154,071
\$500-\$999	311	\$223,218	329	\$235,511
\$1,000-\$4,999	912	\$2,246,134	883	\$2,218,834
\$5,000-\$9,999	381	\$2,723,610	402	\$2,848,520
\$10,000-\$24,999	509	\$8,097,533	542	\$8,997,385
\$25,000-\$49,999	337	\$11,855,081	329	\$11,733,036
\$50,000-\$99,999	225	\$16,014,561	196	\$13,688,760
\$100,000-\$249,999	158	\$23,632,671	113	\$16,218,470
\$250,000-\$499,999	36	\$12,257,611	29	\$9,332,685
Over \$500,000	7	\$5,065,131	7	\$4,658,049
<b>Total</b>	<b>3,742</b>	<b>\$82,283,541</b>	<b>3,606</b>	<b>\$70,085,319</b>

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	\$2,519,273	1,004	\$2,575,234
\$5,000-\$9,999	454	\$3,267,100	468	\$3,301,378
\$10,000-\$24,999	582	\$9,513,054	708	\$11,496,009
\$25,000-\$49,999	348	\$12,084,313	424	\$14,840,589
\$50,000-\$99,999	215	\$14,809,717	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
<b>Total</b>	<b>3,895</b>	<b>\$64,888,407</b>	<b>4,262</b>	<b>\$79,705,074</b>

Range of Ex-Vessel Value	2003		2002	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,021	\$189,284	1,121	\$211,511
\$500-\$999	369	\$264,132	387	\$279,368
\$1,000-\$4,999	922	\$2,334,153	1,045	\$2,644,370
\$5,000-\$9,999	456	\$3,319,208	483	\$3,458,734
\$10,000-\$24,999	677	\$11,112,276	689	\$10,918,732
\$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
<b>Total</b>	<b>4,355</b>	<b>\$87,112,832</b>	<b>4,694</b>	<b>\$94,747,541</b>

**Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).**

Range of Ex-Vessel Value	2001		2000	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,242	\$234,705	1,157	\$219,789
\$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	\$3,781,356
\$10,000-\$24,999	726	\$11,801,269	726	\$11,971,752
\$25,000-\$49,999	508	\$17,971,103	571	\$20,071,536
\$50,000-\$99,999	312	\$21,703,642	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	\$88,142,112	5,034	\$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	411	\$301,503	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	\$12,375,062	738	\$12,368,272
\$25,000-\$49,999	523	\$18,535,309	524	\$18,980,608
\$50,000-\$99,999	289	\$19,816,325	347	\$23,763,125
\$100,000-\$249,999	133	\$18,427,867	138	\$18,962,973
\$250,000-\$499,999	16	\$5,306,893	8	\$2,672,040
Over \$500,000	4	\$18,633,608	3	\$17,644,065
Total	4,834	\$99,679,612	4,688	\$101,018,535

Range of Ex-Vessel Value	1997		1996	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,208	\$225,438	1,208	\$227,526
\$500-\$999	414	\$299,703	407	\$296,571
\$1,000-\$4,999	1,115	\$2,876,900	1,143	\$2,874,042
\$5,000-\$9,999	548	\$3,997,239	590	\$4,338,034
\$10,000-\$24,999	856	\$14,128,405	829	\$13,736,281
\$25,000-\$49,999	576	\$20,603,700	564	\$19,815,555
\$50,000-\$99,999	305	\$20,720,739	335	\$23,189,379
\$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	\$21,532,505
Total	5,160	\$108,988,117	5,207	\$105,533,493

**Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).**

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	\$326,253	445	\$323,517
\$1,000-\$4,999	1,259	\$3,252,153	1,322	\$3,341,972
\$5,000-\$9,999	624	\$4,619,448	635	\$4,608,616
\$10,000-\$24,999	877	\$14,378,075	784	\$12,684,774
\$25,000-\$49,999	542	\$19,472,751	443	\$15,273,291
\$50,000-\$99,999	337	\$23,271,907	244	\$16,998,346
\$100,000-\$249,999	133	\$18,905,145	75	\$10,354,865
\$250,000-\$499,999	17	\$5,803,214	16	\$4,776,628
Over \$500,000	7	\$19,092,944	7	\$22,659,401
Total	5,494	\$109,367,950	5,317	\$91,275,869

**Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood.**

Range of Ex-Vessel Value	2019		2018	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	44	\$10,293	53	\$13,149
\$500-\$999	25	\$18,678	27	\$20,362
\$1,000-\$4,999	103	\$282,767	123	\$334,613
\$5,000-\$9,999	68	\$509,044	79	\$584,979
\$10,000-\$24,999	91	\$1,491,117	85	\$1,356,174
\$25,000-\$49,999	39	\$1,305,716	36	\$1,345,204
\$50,000-\$99,999	43	\$3,093,337	39	\$2,745,760
\$100,000-\$249,999	53	\$8,447,774	45	\$7,189,470
\$250,000-\$499,999	23	\$7,674,302	24	\$8,389,180
\$500,000-\$999,999	23	\$16,648,673	17	\$11,850,125
Over \$1,000,000	20	\$47,151,134	19	\$44,069,809
Total	532	\$86,632,835	547	\$77,898,825

Range of Ex-Vessel Value	2017		2016	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	40	\$8,196	54	\$12,224
\$500-\$999	24	\$17,061	26	\$18,847
\$1,000-\$4,999	106	\$274,775	110	\$291,129
\$5,000-\$9,999	60	\$438,442	73	\$516,675
\$10,000-\$24,999	103	\$1,688,482	102	\$1,692,885
\$25,000-\$49,999	43	\$1,555,528	62	\$2,283,578
\$50,000-\$99,999	42	\$2,985,671	36	\$2,554,458
\$100,000-\$249,999	44	\$6,967,251	47	\$7,245,656
\$250,000-\$499,999	27	\$9,630,404	23	\$8,442,666
\$500,000-\$999,999	20	\$14,464,953	22	\$15,873,692
Over \$1,000,000	23	\$58,562,948	20	\$55,191,945
Total	532	\$96,593,712	575	\$94,123,755

**Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood  
(continued).**

Range of Ex-Vessel Value	2015		2014	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	53	\$11,104	65	\$11,755
\$500-\$999	44	\$32,034	45	\$32,562
\$1,000-\$4,999	114	\$291,595	124	\$324,035
\$5,000-\$9,999	69	\$490,788	68	\$506,777
\$10,000-\$24,999	101	\$1,633,264	94	\$1,528,615
\$25,000-\$49,999	64	\$2,163,205	60	\$2,221,634
\$50,000-\$99,999	48	\$3,169,827	40	\$2,928,728
\$100,000-\$249,999	49	\$7,950,300	39	\$6,252,184
\$250,000-\$499,999	22	\$7,849,595	29	\$10,007,367
\$500,000-\$999,999	23	\$16,071,128	18	\$13,021,607
Over \$1,000,000	23	\$55,059,553	24	\$57,275,012
<b>Total</b>	<b>610</b>	<b>\$94,722,394</b>	<b>606</b>	<b>\$94,110,276</b>

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	\$496,801	86	\$624,914
\$10,000-\$24,999	103	\$1,693,114	108	\$1,777,895
\$25,000-\$49,999	56	\$2,040,555	46	\$1,579,102
\$50,000-\$99,999	26	\$1,893,795	35	\$2,625,885
\$100,000-\$249,999	53	\$9,119,956	44	\$7,597,981
\$250,000-\$499,999	24	\$8,596,165	25	\$9,222,944
\$500,000-\$999,999	18	\$12,687,877	18	\$12,885,904
Over \$1,000,000	20	\$42,153,622	17	\$35,864,089
<b>Total</b>	<b>612</b>	<b>\$79,103,678</b>	<b>629</b>	<b>\$72,571,092</b>

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	\$1,633,912	55	\$1,961,107
\$50,000-\$99,999	36	\$2,561,811	44	\$3,037,290
\$100,000-\$249,999	36	\$5,530,747	36	\$5,487,224
\$250,000-\$499,999	25	\$8,958,433	31	\$11,133,355
\$500,000-\$999,999	21	\$14,533,737	25	\$17,348,494
Over \$1,000,000	18	\$35,249,265	17	\$38,148,378
<b>Total</b>	<b>642</b>	<b>\$71,184,008</b>	<b>663</b>	<b>\$79,866,731</b>

**Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).**

Range of Ex-Vessel Value	2009		2008	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	82	\$18,276	67	\$14,614
\$500-\$999	51	\$36,571	39	\$29,073
\$1,000-\$4,999	168	\$411,392	144	\$383,600
\$5,000-\$9,999	84	\$628,715	61	\$432,423
\$10,000-\$24,999	95	\$1,505,021	98	\$1,589,894
\$25,000-\$49,999	50	\$1,738,346	44	\$1,590,093
\$50,000-\$99,999	37	\$2,660,711	36	\$2,561,874
\$100,000-\$249,999	46	\$7,864,114	45	\$7,203,828
\$250,000-\$499,999	34	\$12,404,263	29	\$10,495,107
\$500,000-\$999,999	16	\$10,667,814	26	\$18,524,021
Over \$1,000,000	20	\$39,260,757	20	\$43,985,176
<b>Total</b>	<b>683</b>	<b>\$77,195,980</b>	<b>609</b>	<b>\$86,809,702</b>

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	\$1,769,478
\$25,000-\$49,999	52	\$1,868,251	65	\$2,352,645
\$50,000-\$99,999	42	\$2,862,363	42	\$2,984,499
\$100,000-\$249,999	42	\$6,830,952	33	\$5,489,874
\$250,000-\$499,999	30	\$10,937,353	36	\$12,365,749
\$500,000-\$999,999	24	\$15,421,256	20	\$13,191,023
Over \$1,000,000	19	\$41,952,149	14	\$31,141,134
<b>Total</b>	<b>606</b>	<b>\$82,283,541</b>	<b>603</b>	<b>\$70,085,319</b>

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	\$1,466,394	115	\$1,866,119
\$25,000-\$49,999	55	\$1,871,706	57	\$1,983,520
\$50,000-\$99,999	51	\$3,459,194	44	\$2,989,955
\$100,000-\$249,999	40	\$6,904,704	51	\$8,780,408
\$250,000-\$499,999	36	\$12,135,554	41	\$14,335,665
\$500,000-\$999,999	23	\$16,345,574	23	\$16,025,280
Over \$1,000,000	11	\$21,742,810	15	\$32,698,633
<b>Total</b>	<b>640</b>	<b>\$64,888,407</b>	<b>701</b>	<b>\$79,705,074</b>

**Table VI.8 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
<b>Total</b>	<b>716</b>	<b>\$87,112,832</b>	<b>726</b>	<b>\$94,747,541</b>

Range of Ex-Vessel Value	2001		2000	
	Dealers	Total Value	Dealers	Total 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	\$15,013,452	28	\$10,073,021
\$500,000-\$999,999	28	\$20,175,082	38	\$26,037,241
Over \$1,000,000	20	\$35,885,384	28	\$53,086,638
<b>Total</b>	<b>706</b>	<b>\$88,142,112</b>	<b>697</b>	<b>\$108,314,811</b>

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	\$17,512,993
\$500,000-\$999,999	39	\$27,071,047	34	\$24,710,336
Over \$1,000,000	22	\$36,374,921	26	\$40,846,077
<b>Total</b>	<b>760</b>	<b>\$99,679,612</b>	<b>737</b>	<b>\$101,018,535</b>

**Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood  
(continued).**

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	\$502,989
\$10,000-\$24,999	88	\$1,476,779	95	\$1,489,305
\$25,000-\$49,999	72	\$2,474,940	60	\$2,161,251
\$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	\$26,776,573
Over \$1,000,000	27	\$49,909,279	30	\$48,027,364
<b>Total</b>	<b>708</b>	<b>\$108,988,117</b>	<b>713</b>	<b>\$105,533,493</b>

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	\$521,146	53	\$385,533
\$10,000-\$24,999	61	\$1,000,105	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	\$16,431,142
\$500,000-\$999,999	37	\$27,826,874	30	\$21,127,090
Over \$1,000,000	26	\$48,978,910	23	\$38,845,499
<b>Total</b>	<b>717</b>	<b>\$109,367,950</b>	<b>613</b>	<b>\$91,275,869</b>

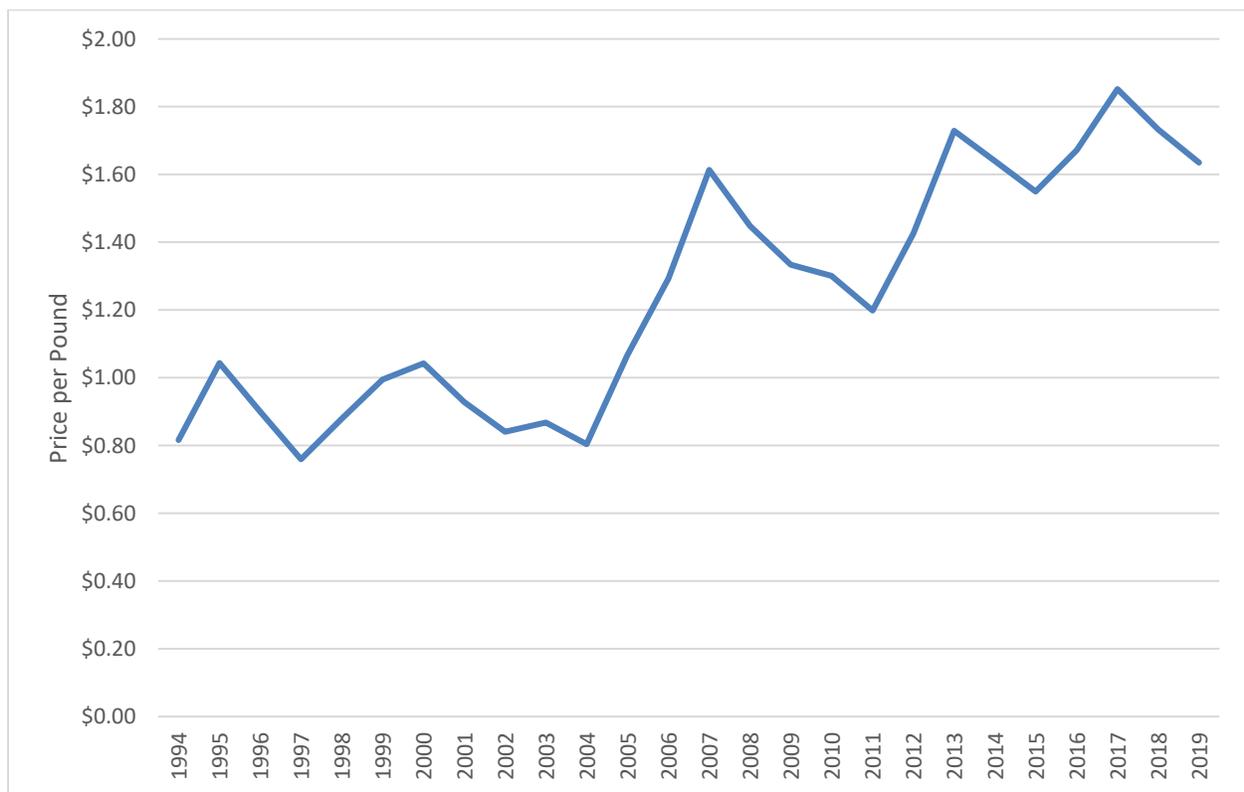
**Table VI.9 Economic impacts of commercial fishing in North Carolina over last 10 years, 2010-2019.**

Year	Commercial Fishing Output <sup>1</sup>				Economic Impacts <sup>2</sup>		
	Commercial Fishermen	Dealers	Pounds	Ex-Vessel Value	Estimated Jobs <sup>3</sup>	Income Impacts	Sales Impacts
2019	2,535	532	52,983,925	\$86,632,835	7,239	\$150,968,806	\$342,104,459
2018	2,651	547	45,767,219	\$77,898,825	7,203	\$142,093,914	\$321,948,200
2017	2,945	532	54,395,746	\$96,593,712	7,828	\$162,889,786	\$369,034,567
2016	2,974	575	59,977,077	\$94,123,755	7,754	\$161,776,863	\$359,572,628
2015	3,136	610	65,947,432	\$94,722,394	8,212	\$158,941,759	\$363,850,851
2014	3,174	606	61,975,412	\$94,110,276	8,200	\$154,130,327	\$354,148,195
2013	3,151	612	50,197,234	\$79,103,678	7,382	\$131,085,644	\$300,978,769
2012	3,169	629	56,690,935	\$72,571,092	7,026	\$123,091,285	\$282,242,234
2011	3,244	642	67,502,014	\$71,184,008	7,012	\$121,135,473	\$278,029,666
2010	3,598	663	75,001,861	\$79,866,731	7,872	\$139,382,772	\$319,511,350

<sup>1</sup> As reported by the NCDMF Trip Ticket Program

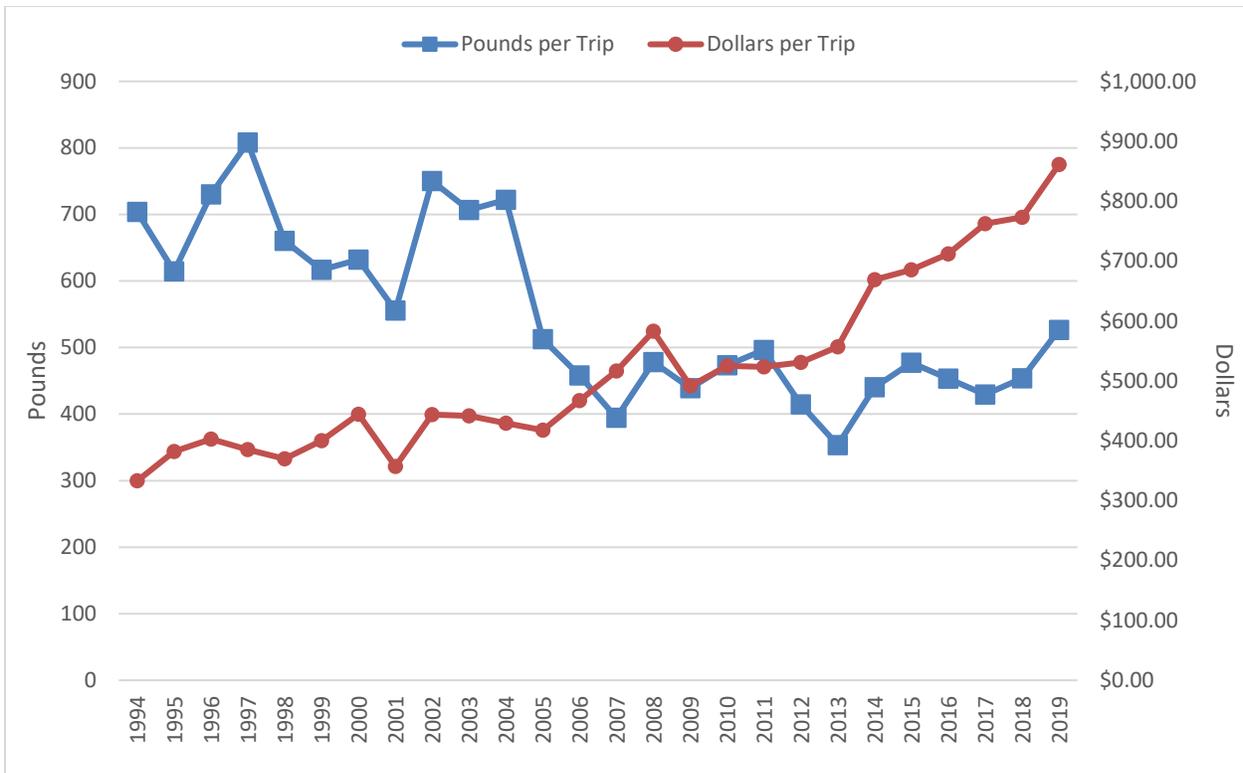
<sup>2</sup> Economic impacts calculated using the NCDMF commercial fishing economic impact model and IMPLAN economic impact modeling software. Economic impact estimates are for the state economy of North Carolina.

<sup>3</sup> Represents both full-time and part-time jobs

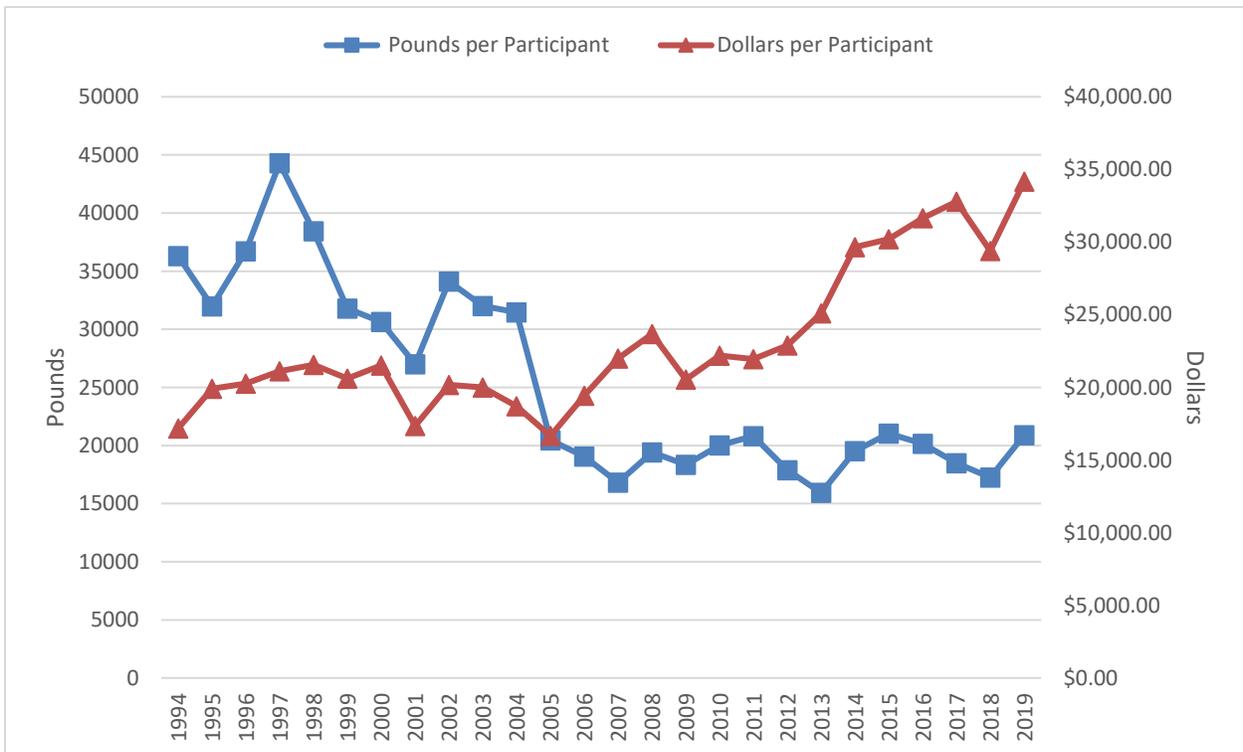


**Figure VI.1 Average price<sup>4</sup> per pound of annual commercial landings, converted to 2019 dollars<sup>1</sup>.**

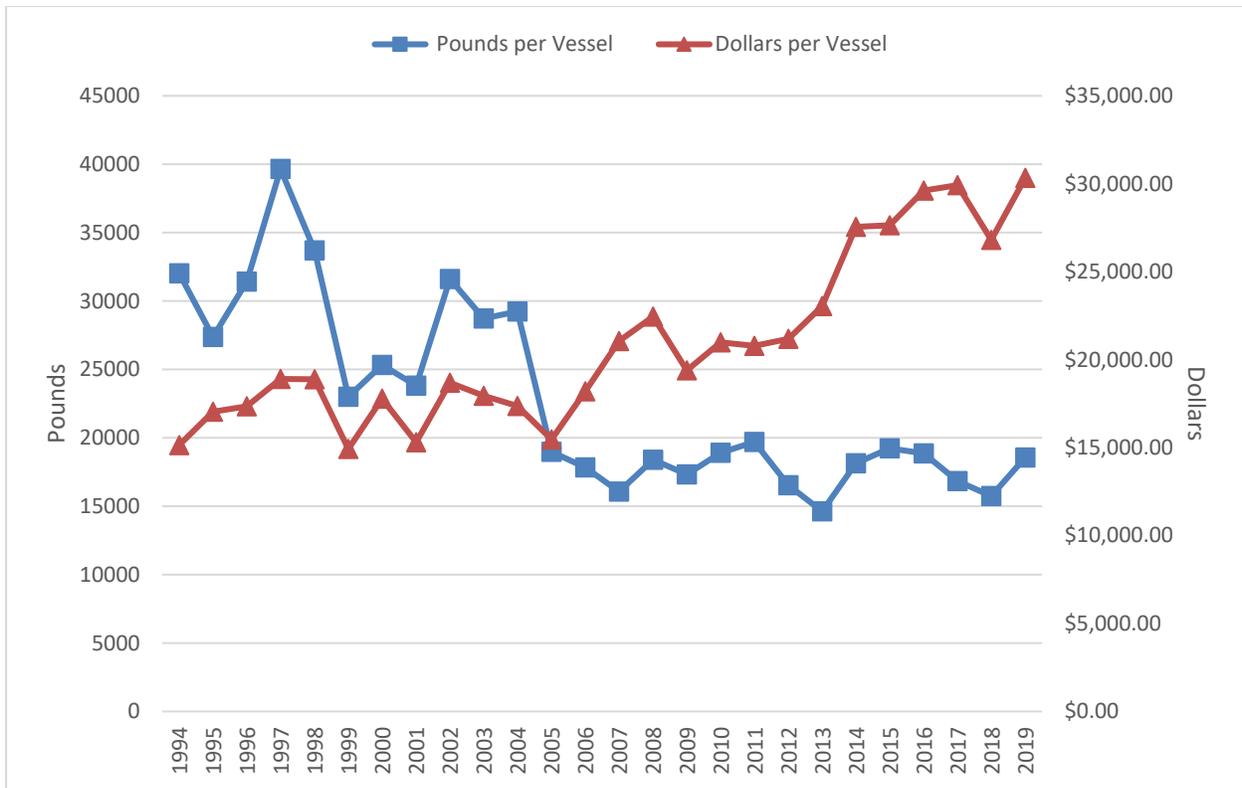
<sup>4</sup> Annual prices converted to 2019 dollars using Federal Reserve Bank of Minneapolis Consumer Price Index value.



**Figure VI.2 Commercial landings and ex-vessel value per fishing trip by year, 1994–2019.**



**Figure VI.3 Commercial landings and ex-vessel value per participant by year, 1994–2019.**



**Figure VI.4 Commercial landings and ex-vessel value per vessel by year, 1994–2019.**

**Table VI.10 Top five recreational species by total directed and landed fishing trips.**

Rank	2019		2018		2017	
	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>
1	Spotted Seatrout	2,867,512	Spotted Seatrout	2,867,512	Spotted Seatrout	2,867,512
2	Bluefish	2,699,198	Bluefish	2,699,198	Bluefish	2,699,198
3	Red Drum	2,687,752	Red Drum	2,687,752	Red Drum	2,687,752
4	Kingfish	2,280,088	Kingfish	2,280,088	Kingfish	2,280,088
5	Flounder	1,828,756	Flounder	1,828,756	Flounder	1,828,756

Rank	2016		2015		2014	
	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>
1	Red Drum	3,686,799	Bluefish	3,126,972	Red Drum	2,924,485
2	Bluefish	3,194,322	Kingfish	2,842,692	Bluefish	2,871,661
3	Kingfish	2,741,476	Red Drum	2,758,226	Flounder	2,685,072
4	Flounder	2,420,326	Spotted Seatrout	2,537,677	Kingfish	2,538,697
5	Spotted Seatrout	2,322,627	Flounder	2,536,854	Spotted Seatrout	2,154,879

<sup>5</sup>Directed trip defined as fishing trip in which species was designated as primary or secondary target, or if the species was caught (including both harvest and discards).

<sup>6</sup>Pinfish have been removed from these rankings as they are a non-target recreational species.

<sup>7</sup>Lefteye-flounder genus, Kingfish genus, and Seatrout genus discards are each decomposed into constituent species by applying the ratio of observed harvest.

**Table VI.11 Top five recreational species by total directed and landed fishing trips in estuarine waters.**

Rank	2019		2018		2017	
	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>
1	Spotted Seatrout	2,498,240	Spotted Seatrout	1,050,588	Spotted Seatrout	1,926,134
2	Red Drum	1,364,573	Red Drum	1,048,725	Red Drum	1,391,701
3	Flounder	1,163,976	Flounder	989,030	Flounder	1,093,787
4	Bluefish	707,534	Bluefish	588,800	Black Sea Bass	678,615
5	Atlantic Croaker	643,412	Atlantic Croaker	525,942	Atlantic Croaker	614,956

Rank	2016		2015		2014	
	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>
1	Spotted Seatrout	1,668,906	Flounder	1,305,922	Spotted Seatrout	1,298,948
2	Flounder	1,326,640	Atlantic Croaker	1,078,329	Flounder	1,259,600
3	Red Drum	1,080,444	Spotted Seatrout	934,595	Red Drum	1,121,028
4	Atlantic Croaker	746,234	Red Drum	877,726	Atlantic Croaker	874,868
5	Pigfish	598,902	Pigfish	643,935	Pigfish	522,315

<sup>5</sup>Directed trip defined as fishing trip in which species was designated as primary or secondary target, or if the species was caught (including both harvest and discards).

<sup>6</sup>Pinfish have been removed from these rankings as they are a non-target recreational species.

<sup>7</sup>Lefteye-flounder genus, Kingfish genus, and Seatrout genus discards are each decomposed into constituent species by applying the ratio of observed harvest.

**Table VI.12 Top five recreational species by total directed and landed fishing trips in ocean waters 0-3 miles from shore.**

Rank	2019		2018		2017	
	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>
1	Bluefish	1,951,179	Red Drum	2,426,857	Bluefish	2,893,889
2	Kingfish	1,879,740	Bluefish	2,426,040	Red Drum	2,278,515
3	Red Drum	1,316,760	Kingfish	1,430,778	Kingfish	2,064,896
4	Spanish Mackerel	1,058,290	Spanish Mackerel	845,544	Spot	1,024,099
5	Spot	685,267	Flounder	711,406	Flounder	996,260

Rank	2016		2015		2014	
	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>	Species <sup>6,7</sup>	Directed Trips <sup>5</sup>
1	Bluefish	2,721,663	Bluefish	2,462,803	Bluefish	2,374,908
2	Red Drum	2,605,528	Kingfish	2,457,751	Kingfish	2,055,200
3	Kingfish	2,312,446	Red Drum	1,868,742	Red Drum	1,785,654
4	Flounder	1,079,109	Spotted Seatrout	1,597,333	Spot	1,701,176
5	Puffers	989,121	Spot	1,354,339	Flounder	1,393,635

<sup>5</sup>Directed trip defined as fishing trip in which species was designated as primary or secondary target, or if the species was caught (including both harvest and discards).

<sup>6</sup>Pinfish have been removed from these rankings as they are a non-target recreational species.

<sup>7</sup>Lefteye-flounder genus, Kingfish genus, and Seatrout genus discards are each decomposed into constituent species by applying the ratio of observed harvest.

**Table VI.13 Top five recreational species by directed and landed fishing trips in ocean waters greater than 3 miles from shore.**

Rank	2019		2018		2017	
	Species <sup>8</sup>	Directed Trips <sup>5</sup>	Species <sup>8</sup>	Directed Trips <sup>5</sup>	Species <sup>8</sup>	Directed Trips <sup>5</sup>
1	Dolphin	166,429	Dolphin	238,032	Dolphin	192,004
2	King Mackerel	145,351	King Mackerel	138,980	Black Sea Bass	183,341
3	Black Sea Bass	79,181	Black Sea Bass	106,091	King Mackerel	118,079
4	Spanish Mackerel	51,855	Spanish Mackerel	66,025	Yellowfin Tuna	88,727
5	Sharks	49,804	Yellowfin Tuna	54,138	Wahoo	74,721

Rank	2016		2015		2014	
	Species <sup>8</sup>	Directed Trips <sup>5</sup>	Species <sup>8</sup>	Directed Trips <sup>5</sup>	Species <sup>8</sup>	Directed Trips <sup>5</sup>
1	Dolphin	271,904	Dolphin	304,978	Dolphin	167,903
2	Yellowfin Tuna	119,950	Black Sea Bass	175,695	Black Sea Bass	141,025
3	Black Sea Bass	116,229	King Mackerel	110,792	Wahoo	70,998
4	Wahoo	83,613	Wahoo	95,921	King Mackerel	69,677
5	King Mackerel	81,702	Spanish Mackerel	72,406	Sharks	49,052

<sup>5</sup>Directed trip defined as fishing trip in which species was designated as primary or secondary target, or if the species was caught (including both harvest and discards).

<sup>8</sup>Shark management groups (small coastal, large coastal, pelagic) have been combined for this ranking.

**Table VI.14 Top five North Carolina counties ranked by the number of residents holding a Coastal Recreational Fishing License.**

Rank	2019		2018		2017	
	County	License Holders	County	License Holders	County	License Holders
1	Wake	22,700	Wake	21,346	Wake	23,636
2	Onslow	16,782	Onslow	14,938	Onslow	17,202
3	New Hanover	14,115	New Hanover	13,203	New Hanover	15,090
4	Brunswick	10,646	Brunswick	9,677	Brunswick	10,791
5	Carteret	9,811	Carteret	8,389	Carteret	9,943

Rank	2016		2015		2014	
	County	License Holders	County	License Holders	County	License Holders
1	Wake	24,030	Wake	23,979	Wake	24,443
2	Onslow	17,633	Onslow	18,497	Onslow	18,766
3	New Hanover	15,036	New Hanover	16,042	New Hanover	16,455
4	Brunswick	10,643	Brunswick	11,050	Brunswick	11,489
5	Carteret	10,109	Carteret	10,665	Carteret	11,187

**Table VI.15 Economic impacts of coastal recreational fishing in North Carolina over the last 10 years, 2010-2019.**

Year	Recreational Fishing Output		Economic Impacts		
	Estimated Direct Expenditures (thousands of dollars) <sup>9</sup>	Estimated Jobs <sup>3</sup>	Income Impacts (thousands of dollars) <sup>2</sup>	Output Impacts (thousands of dollars) <sup>2</sup>	
2019	\$3,127,676	34,010	\$1,417,400	\$4,286,699	
2018	\$4,191,618	33,775	\$1,282,873	\$3,288,305	
2017	\$4,816,819	41,743	\$1,486,882	\$3,923,324	
2016	\$4,752,353	44,427	\$1,532,898	\$4,100,599	
2015	\$4,451,375	42,070	\$1,437,513	\$3,907,343	
2014	\$4,369,497	41,232	\$1,409,580	\$3,695,889	
2013	\$4,384,281	40,969	\$1,379,945	\$3,691,008	
2012	\$4,634,579	44,384	\$1,472,235	\$4,018,561	
2011	\$4,513,297	45,224	\$1,448,130	\$4,244,161	
2010	\$4,427,331	45,436	\$1,416,279	\$4,128,338	

<sup>2</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.

<sup>3</sup> Includes full time and part time jobs

<sup>9</sup> Estimated expenditures include both durable good expenditures and fishing trip expenditures

**Table VI.16 Economic impacts of recreational fishing in coastal river systems of the Central Southern Management Area (CSMA) in North Carolina.**

2019			Economic Impacts		
River System	Estimated Angler Hours <sup>9</sup>	Estimated Expenditures (thousands of dollars) <sup>10</sup>	Estimated Jobs <sup>3</sup>	Income Impacts (thousands of dollars) <sup>11</sup>	Output Impacts (thousands of dollars) <sup>11</sup>
Neuse River	257,484	\$3,244	31	\$1,288	\$3,693
Tar/Pamlico Rivers	237,830	\$3,395	30	\$1,259	\$3,617
Cape Fear River	7,956	\$66	1	\$13	\$37
<b>Total</b>	<b>503,270</b>	<b>\$6,705</b>	<b>62</b>	<b>\$2,560</b>	<b>\$7,347</b>

2018			Economic Impacts		
River System	Estimated Angler Hours <sup>9</sup>	Estimated Expenditures (thousands of dollars) <sup>10</sup>	Estimated Jobs <sup>3</sup>	Income Impacts (thousands of dollars) <sup>11</sup>	Output Impacts (thousands of dollars) <sup>11</sup>
Neuse River	162,742	\$2,465	23	\$874	\$2,573
Tar/Pamlico Rivers	196,883	\$2,557	20	\$762	\$2,203
Cape Fear River	24,642	\$171	1	\$28	\$72
<b>Total</b>	<b>384,267</b>	<b>\$5,193</b>	<b>44</b>	<b>\$16,663</b>	<b>\$4,848</b>

<sup>3</sup> Includes full time and part time jobs.

<sup>9</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>10</sup> Estimated fishing trip expenditures based on NCWRC CSMA creel surveys and NCDMF CSMA recreational fishing economic impact model.

<sup>11</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.

**Table VI.16 Economic impacts of recreational fishing in coastal river systems of the Central Southern Management Area (CSMA) in North Carolina (continued).**

<b>2017</b>			Economic Impacts		
River System	Estimated Angler Hours <sup>9</sup>	Estimated Expenditures (thousands of dollars) <sup>10</sup>	Estimated Jobs <sup>3</sup>	Income Impacts (thousands of dollars) <sup>11</sup>	Output Impacts (thousands of dollars) <sup>11</sup>
Neuse River	270,485	\$6,051	75	\$2,665	\$8,400
Tar/Pamlico Rivers	182,534	\$4,674	51	\$1,814	\$5,616
Cape Fear River	11,057	\$76	1	\$12	\$31
<b>Total</b>	<b>464,076</b>	<b>\$10,800</b>	<b>127</b>	<b>\$4,491</b>	<b>\$14,047</b>

<b>2016</b>			Economic Impacts		
River System	Estimated Angler Hours <sup>9</sup>	Estimated Expenditures (thousands of dollars) <sup>10</sup>	Estimated Jobs <sup>3</sup>	Income Impacts (thousands of dollars) <sup>11</sup>	Output Impacts (thousands of dollars) <sup>11</sup>
Neuse River	210,111	\$1,176	17	\$639	\$1,954
Tar/Pamlico Rivers	245,998	\$1,938	27	\$1,033	\$3,204
Cape Fear River	43,226	\$346	5	\$190	\$578
<b>Total</b>	<b>499,335</b>	<b>\$3,460</b>	<b>49</b>	<b>\$1,862</b>	<b>\$5,736</b>

<b>2015</b>			Economic Impacts		
River System	Estimated Angler Hours <sup>9</sup>	Estimated Expenditures (thousands of dollars) <sup>10</sup>	Estimated Jobs <sup>3</sup>	Income Impacts (thousands of dollars) <sup>11</sup>	Output Impacts (thousands of dollars) <sup>11</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>

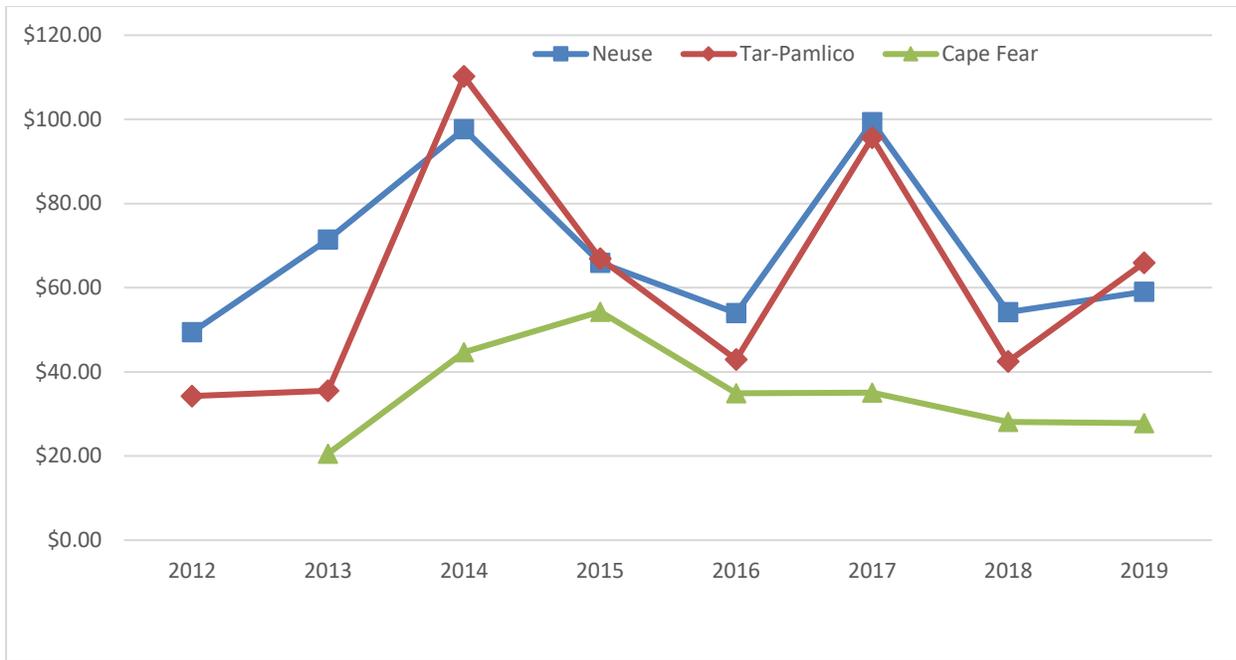
<b>2014</b>			Economic Impacts		
River System	Estimated Angler Hours <sup>9</sup>	Estimated Expenditures (thousands of dollars) <sup>10</sup>	Estimated Jobs <sup>3</sup>	Income Impacts (thousands of dollars) <sup>11</sup>	Output Impacts (thousands of dollars) <sup>11</sup>
Neuse River	215,956	\$1,398	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>3</sup>Includes full time and part time jobs.

<sup>9</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.

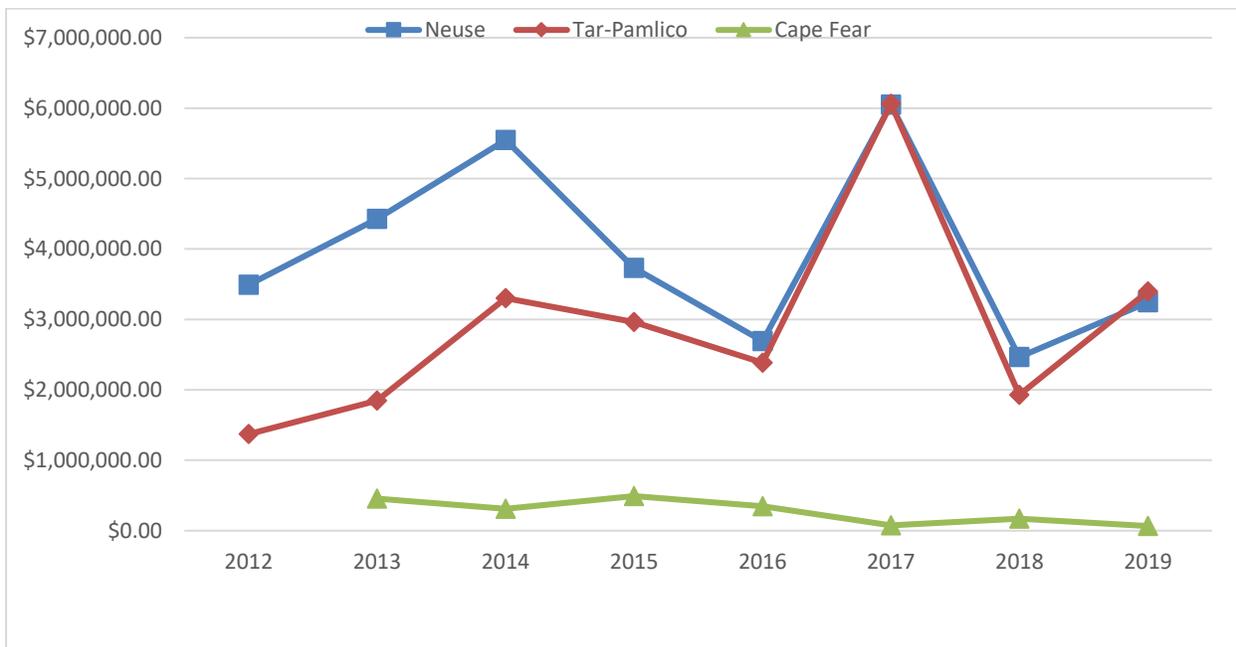
<sup>10</sup>Estimated fishing trip expenditures based on NCWRC CSMA creel surveys and NCDMF CSMA recreational fishing economic impact model.

<sup>11</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.



Note: Estimated fishing trip expenditures based on NCWRC CSMA creel surveys. Expenditure estimates as reported by the NCDMF Coastal Angling Program. Average Neuse and Tar/Pamlico River expenditure estimates include a full 12 months of effort, while estimates on the Cape Fear River are only available for March through May.

**Figure VI.5 Average recreational per-trip expenditures across creel survey river systems.**



Note: Estimated fishing trip expenditures based on NCWRC CSMA creel surveys. Expenditure estimates as reported by the NCDMF Coastal Angling Program. Average Neuse and Tar/Pamlico River expenditure estimates include a full 12 months of effort, while estimates on the Cape Fear River are only available for March through May.

**Figure VI.6 Total estimated recreational fishing expenditures across creel survey river systems.**