



*Commercial
Statistics*



*Recreational
Statistics*



*License
Sales*



*Fishery
Economics*

2019

Annual Report

November 2019



North Carolina
Division of Marine Fisheries
License and Statistics Section

2019 LICENSE AND STATISTICS ANNUAL REPORT



Prepared By:

North Carolina Division of Marine Fisheries

License and Statistics Section

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LICENSE AND STATISTICS SECTION OVERVIEW

Introduction

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

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

The section is made up of the following programs:

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

The License and Statistics Section consists of about 60 employees; 37 permanent employees and varying numbers of temporary employees depending on funding and current project schedules. Employees are funded by appropriations, commercial license sale receipts, 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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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, but license sales are covered in times of need by staff from other License and Statistics programs and some Fisheries Management staff.

Types of Licenses

Standard Commercial Fishing License (SCFL)

The SCFL allows fishermen to harvest and sell fish, shrimp, crabs, or any marine species, except 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 a pool. Persons who do not hold a SCFL/RSCFL can apply for a SCFL/RSCFL from the pool. The SCFL Eligibility Pool Board awards the right to purchase a SCFL or RSCFL to eligible fishermen. More information on the requirements of the Eligibility Pool can be found under the following rule: 15A NCAC 03O .0400.

Shellfish License

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

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

Ocean Fishing Pier License

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

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

Menhaden License for Non-Residents Without a SCFL

Non-residents not eligible for a SCFL/RSCFL and who wish to engage only in menhaden purse seine fishing operations can purchase this license. Vessels may be used in conjunction with a Menhaden License for Non-Residents Without a SCFL, but the vessel must be registered to operate as a commercial fishing vessel (i.e., requires a CFVR).

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

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 angler does not have to purchase his/her own license. Each license is valid for ten consecutive days. The vessel owner is required to return used and unused licenses to NCDMF, which allows NCDMF to remain in compliance with federal saltwater angler registration requirements. Information about the angler is collected for each license used.

Types of 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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Licenses and Permits Issued

NOTE: Data are 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: FY2017 = July 1, 2016 – June 30, 2017. 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 licenses¹ and permits issued by fiscal year.

Fiscal Year	Number of Licenses	Number of Permits	Total Number Issued
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

¹ 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 ¹	Total
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
2000	6,990	515	2,098	8,943	64	850	30	132	25	15	14	19,676

¹ 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 ¹	Total Number of SCFL Assignments
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
2000	6,990	6,481	5	547

¹The 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 ¹
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
2000	515	480	0

¹The Menhaden endorsement was discontinued in 2013.

Table I.5 Total number of licenses with selling privileges¹ 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)
2019	6,666	2,783	2,509	N/A ²
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	9,130	3,924	3,696	3,756
2008	8,713	3,895	3,650	3,665
2007	8,682	3,977	3,717	3,742
2006	8,644	3,903	3,642	3,607
2005	8,875	4,389	4,091	3,894
2004	9,146	4,656	4,356	4,262
2003	9,494	4,933	4,610	4,355
2002	9,710	5,260	4,892	4,694
2001	9,676	5,587	5,174	5,081
2000	9,707	5,892	4,764	5,033

¹ Licenses with selling privileges include SCFL, RSCFL, Shellfish, Land or Sell, Tournament, and Menhaden for Non-Residents.

² Data by calendar year are not available for this report.

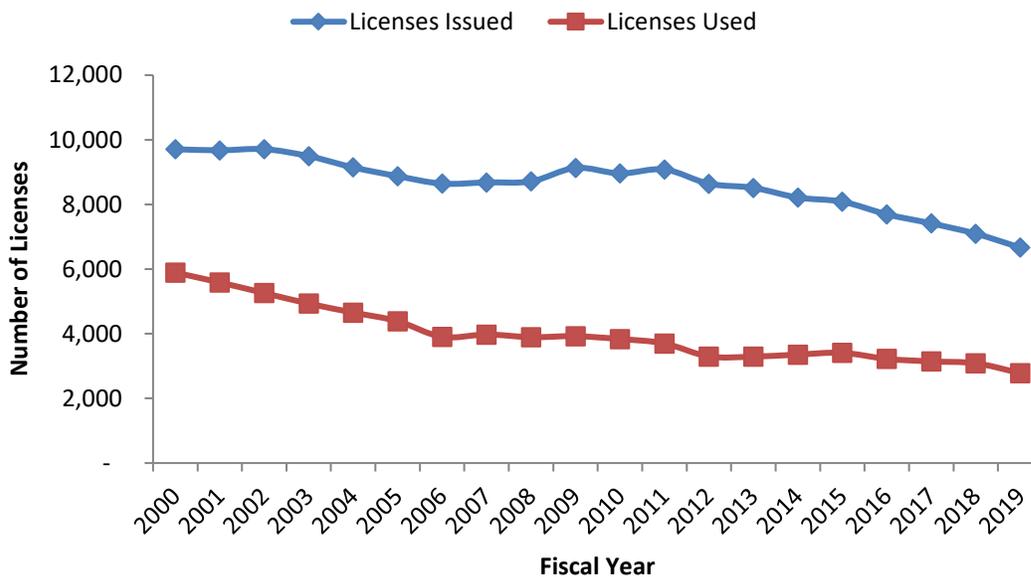


Figure I.1 Total number of licenses with selling privileges issued and used by fiscal year.

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)
2019	5,916	2,355	2,223	N/A ¹
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
2000	7,504	4,367	4,010	4,208

¹ Data by calendar year are not available for this report.

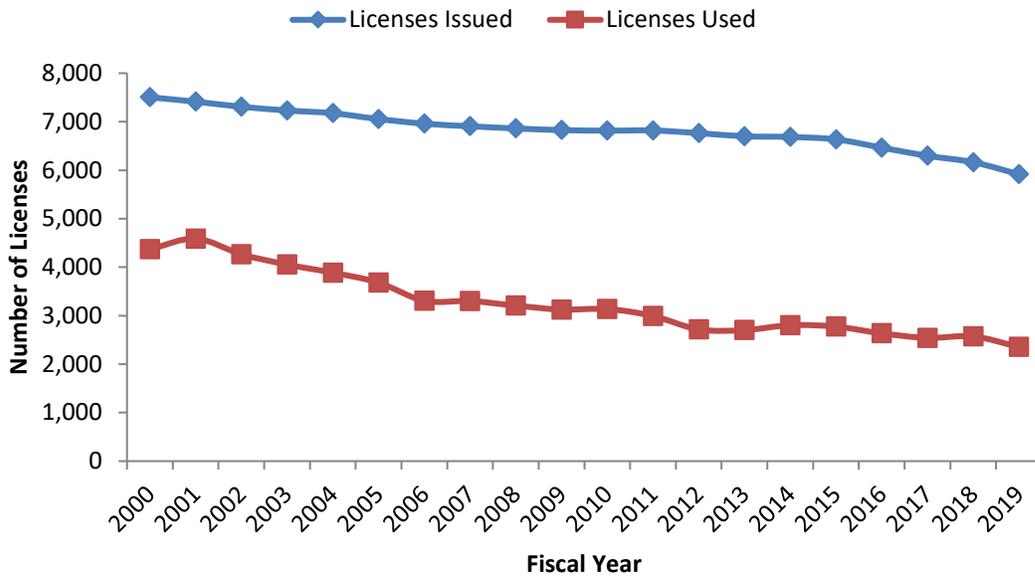


Figure I.2 Annual number of SCFLs and RSCFLs issued and used by fiscal year.

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 ¹	MFC Approved License Numbers ²
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
2000	500	500

SCFL/RSCFL yearly cap = 8,896

¹ Calculation change in 2016

² 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
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
2000	4,361	4,003	298	281	8,943

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

Fiscal Year	SCFL	RSCFL	CFVR	Flounder	Total
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
2000	788	39	192	15	1,034

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)
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
2000	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 ¹							Consolidated
		Finfish	Shrimp	Crab	Oyster	Scallop	Clam	Menhaden Dehydrate	
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

¹ 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
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
2000	7,629

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 ¹	Blue Crab Shedding	Estuarine Gill Net	TED Waiver	Pamlico Sound Gillnet Restricted Area ²	For-Hire Fishing ³	Monkfish Gillnet	Atlantic Ocean Striped Bass Commercial Gear	Total
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
2001	96			44	42	37	318		0					537

¹ Ocean Shad fishery eliminated in 2005.² The Pamlico Sound Gill Net Restricted Area permit was discontinued in September 2014.³ The For-Hire Fishing permit was discontinued in June 2014.

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
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 ¹	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

¹ 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 ²	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 ¹	750	358	12	2	451
2006	787	365	13	6	465
2005	757	349	13	5	446
2004	711	319	12	8	382

¹ 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.

² 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 ¹	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

¹ 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
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
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
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
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
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
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
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	Residence Classification				Year Total
		Resident of NC	Nonresident	Military stationed in NC	Student at NC School	
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 - Totally Disabled	439	0	0	0	439
	Lifetime CRFL - Youth	88	7	0	0	95
	Lifetime CRFL - Senior	5,726	4	2	0	5,732
	Lifetime Unified Sportsman with CRFL - Senior	5,717	1	1	0	5,719
	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	0	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 - Totally Disabled	333	0	0	0	333
	Lifetime Unified Sportsman with CRFL - Youth	529	19	0	0	548
	Year Total	268,155	151,165	9,368	242	428,930

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	Residence Classification				Year Total
		Resident of NC	Nonresident	Military stationed in NC	Student at NC School	
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 - Totally Disabled	578	0	1	0	579
	Lifetime CRFL - Youth	104	6	0	0	110
	Lifetime CRFL - Senior	7,130	14	3	1	7,148
	Lifetime Unified Sportsman with CRFL - Senior	6,924	8	1	0	6,933
	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 - Totally Disabled	361	0	0	0	361
	Lifetime Unified Sportsman with CRFL - Youth	550	13	0	0	563
	Year Total	298,710	160,535	10,108	218	469,571

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	Residence Classification				Year Total
		Resident of NC	Nonresident	Military stationed in NC	Student at NC School	
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 - Totally Disabled	598	0	0	0	598
	Lifetime CRFL - Infant	74	7	0	0	81
	Lifetime CRFL - Youth	61	8	0	0	69
	Lifetime CRFL - Senior	6,657	6	7	0	6,670
	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 - Totally Disabled	381	1	1	0	383
	Lifetime Unified Sportsman with CRFL - Infant	4,666	127	2	0	4,795
	Lifetime Unified Sportsman with CRFL - Youth	529	16	0	0	545
	Lifetime Unified Sportsman with CRFL - Senior	6,907	5	0	0	6,912
	Year Total	299,764	157,582	10,160	198	467,704

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	Residence Classification				Year Total
		Resident of NC	Nonresident	Military stationed in NC	Student at NC School	
2015	10 Day CRFL - Nonresident	1,381	142,320	277	20	143,998
	10 Day CRFL - Resident	46,528	273	1,818	50	48,669
	Annual CRFL - Nonresident	941	19,452	49	7	20,449
	Annual CRFL - Resident	118,611	440	5,875	85	125,011
	Annual Inland Fishing/CRFL - Subsistence Waiver	41,282	14	11	2	41,309
	Annual Unified Inland Fishing/CRFL	32,914	132	1,038	28	34,112
	Annual Unified Sportsman with CRFL	42,679	145	857	11	43,692
	Lifetime CRFL - Adult NC Resident	214	1	0	0	215
	Lifetime CRFL - Adult Nonresident	0	10	0	0	10
	Lifetime CRFL - Disabled Veteran	856	4	10	0	870
	Lifetime CRFL - Totally Disabled	594	2	0	0	596
	Lifetime CRFL - Infant	53	8	0	0	61
	Lifetime CRFL - Youth	61	9	0	0	70
	Lifetime CRFL - Senior ¹	6,835	9	5	0	6,849
	Lifetime Unified Inland Fishing/CRFL	374	0	1	0	375
	Lifetime Unified Inland Fishing/CRFL - Adult Care Home	262	0	0	0	262
	Lifetime Unified Inland Fishing/CRFL - Blind	103	0	0	0	103
	Lifetime Unified Sportsman with CRFL - Adult NC Resident	1,052	11	6	1	1,070
	Lifetime Unified Sportsman with CRFL - Adult Nonresident	0	12	0	0	12
	Lifetime Unified Sportsman with CRFL - Disabled Veteran	878	4	24	1	907
	Lifetime Unified Sportsman with CRFL - Totally Disabled	449	0	0	0	449
	Lifetime Unified Sportsman with CRFL - Infant	4,415	142	1	0	4,558
	Lifetime Unified Sportsman with CRFL - Youth	519	22	0	0	541
	Lifetime Unified Sportsman with CRFL - Senior ²	6,645	8	3	0	6,656
	Year Total	307,646	163,018	9,975	205	480,844

¹ The "Lifetime CRFL – Age 65" was changed to "Lifetime CRFL – Senior" in 2015.

² The "Lifetime Unified Sportsman with CRFL - Age 65" was changed to "Lifetime Unified Sportsman with CRFL – Senior" in 2015.

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
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 - Totally Disabled	78	0.4
		Lifetime CRFL - Infant	439	2.0
		Lifetime CRFL - Youth	95	0.4
		Lifetime CRFL - Senior	5,732	25.8
		Lifetime Unified Inland Fishing/CRFL	5,719	25.7
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	574	2.6
		Lifetime Unified Inland Fishing/CRFL - Blind	239	1.1
		Lifetime Unified Sportsman with CRFL - Adult NC Resident	53	0.2
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	13	0.1
		Lifetime Unified Sportsman with CRFL - Disabled Veteran	1,210	5.4
Lifetime Unified Sportsman with CRFL - Totally Disabled		987	4.4	
Lifetime Unified Sportsman with CRFL - Infant		5,145	23.2	
Lifetime Unified Sportsman with CRFL - Youth		333	1.5	
Lifetime Unified Sportsman with CRFL - Senior		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 - Totally Disabled	579	2.3
		Lifetime CRFL - Infant	85	0.3
		Lifetime CRFL - Youth	110	0.4
		Lifetime CRFL - Senior	7,148	28.8
		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 NC Resident	1,148	4.6
Lifetime Unified Sportsman with CRFL - Adult Nonresident		17	0.1	
Lifetime Unified Sportsman with CRFL - Disabled Veteran		966	3.9	
Lifetime Unified Sportsman with CRFL - Totally Disabled		361	1.5	
Lifetime Unified Sportsman with CRFL - Infant		5,058	20.4	
Lifetime Unified Sportsman with CRFL - Youth		563	2.3	
Lifetime Unified Sportsman with CRFL - Senior		6,933	27.9	
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 - Totally Disabled	598	2.5
		Lifetime CRFL - Infant	81	0.3
		Lifetime CRFL - Youth	69	0.3
		Lifetime CRFL – Senior	6,670	28.0
		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 NC Resident	1,104	4.6
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	15	0.1
		Lifetime Unified Sportsman with CRFL - Disabled Veteran	834	3.5
		Lifetime Unified Sportsman with CRFL - Totally Disabled	383	1.6
Lifetime Unified Sportsman with CRFL - Infant		4,795	20.1	
Lifetime Unified Sportsman with CRFL - Youth		545	2.3	
Lifetime Unified Sportsman with CRFL - Senior		6,912	29.0	
Total	23,860	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
2015	10-Day License	10 Day CRFL - Nonresident	143,998	74.7
		10 Day CRFL - Resident	48,669	25.3
		Total	192,667	100.0
	Annual License	Annual CRFL - Nonresident	20,449	7.7
		Annual CRFL - Resident	125,011	47.2
		Annual Inland Fishing/CRFL - Subsistence Waiver	41,309	15.6
		Annual Unified Inland Fishing/CRFL	34,112	12.9
		Annual Unified Sportsman with CRFL	43,692	16.5
		Total	264,573	100.0
	Lifetime Licenses	Lifetime CRFL - Adult NC Resident	215	0.9
		Lifetime CRFL - Adult Nonresident	10	0.0
		Lifetime CRFL - Disabled Veteran	870	3.7
		Lifetime CRFL - Totally Disabled	61	0.3
		Lifetime CRFL - Infant	596	2.5
		Lifetime CRFL - Youth	70	0.3
		Lifetime CRFL - Senior ¹	6,849	29.0
		Lifetime Unified Inland Fishing/CRFL	375	1.6
		Lifetime Unified Inland Fishing/CRFL - Adult Care Home	262	1.1
		Lifetime Unified Inland Fishing/CRFL - Blind	103	0.4
		Lifetime Unified Sportsman with CRFL - Adult NC Resident	1,070	4.5
		Lifetime Unified Sportsman with CRFL - Adult Nonresident	12	0.1
Lifetime Unified Sportsman with CRFL - Disabled Veteran		907	3.8	
Lifetime Unified Sportsman with CRFL - Totally Disabled		4,559	19.3	
Lifetime Unified Sportsman with CRFL - Infant		449	1.9	
Lifetime Unified Sportsman with CRFL - Youth		541	2.3	
Lifetime Unified Sportsman with CRFL - Senior ²		6,656	28.2	
Total	23,605	100.0		

¹ The "Lifetime CRFL – Age 65" was changed to "Lifetime CRFL – Senior" in 2015.

² The "Lifetime Unified Sportsman with CRFL - Age 65" was changed to "Lifetime Unified Sportsman with CRFL – Senior" in 2015.

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

Age Group ¹	Resident of NC		Nonresident		Military stationed in NC		Student at NC School		All	
	Num	%	Num	%	Num	%	Num	%	Num	%
2018										
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
2017										
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
2016										
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
2015										
Under 16	2,563	1.1	84	0.1	1	0.0	0	0.0	2,648	0.8
16 through 25	31,807	13.7	9,714	12.5	1,849	39.8	126	78.3	43,496	13.8
26 through 35	40,904	17.6	13,099	16.9	1,784	38.4	30	18.6	55,817	17.7
36 through 45	46,708	20.1	14,907	19.2	757	16.3	5	3.1	62,377	19.8
46 through 55	54,661	23.5	16,914	21.8	214	4.6	0	0.0	71,789	22.8
56 through 65	48,264	20.8	14,584	18.8	32	0.7	0	0.0	62,880	20.0
66 through 75	6,792	2.9	7,212	9.3	6	0.1	0	0.0	14,010	4.5
76 through 85	618	0.3	1,153	1.5	2	0.0	0	0.0	1,773	0.6
Greater than 85	74	0.0	81	0.1	0	0.0	0	0.0	155	0.1

¹ 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	2018		2017		2016		2015	
	Num	%	Num	%	Num	%	Num	%
Alamance	4,172	0.97	4,498	0.96	4,470	0.96	4,427	0.92
Alexander	779	0.18	809	0.17	827	0.18	839	0.17
Alleghany	244	0.06	285	0.06	253	0.05	236	0.05
Anson	624	0.15	650	0.14	666	0.14	687	0.14
Ashe	495	0.12	455	0.10	476	0.10	457	0.10
Avery	229	0.05	250	0.05	258	0.06	229	0.05
Beaufort	5,080	1.18	5,851	1.25	5,659	1.21	5,884	1.22
Bertie	1,390	0.32	1,509	0.32	1,546	0.33	1,651	0.34
Bladen	1,473	0.34	1,697	0.36	1,728	0.37	1,804	0.38
Brunswick	9,677	2.26	10,791	2.30	10,643	2.28	11,050	2.30
Buncombe	2,043	0.48	2,205	0.47	2,048	0.44	2,080	0.43
Burke	1,703	0.4	1,920	0.41	2,032	0.43	2,056	0.43
Cabarrus	3,439	0.8	3,664	0.78	3,542	0.76	3,553	0.74
Caldwell	2,240	0.52	2,514	0.54	2,688	0.57	2,542	0.53
Camden	808	0.19	834	0.18	831	0.18	814	0.17
Carteret	8,389	1.96	9,943	2.12	10,109	2.16	10,665	2.22
Caswell	617	0.14	689	0.15	667	0.14	722	0.15
Catawba	3,000	0.7	3,198	0.68	3,253	0.70	3,466	0.72
Chatham	1,828	0.43	1,995	0.42	1,909	0.41	2,005	0.42
Cherokee	206	0.05	219	0.05	264	0.06	248	0.05
Chowan	1,329	0.31	1,322	0.28	1,496	0.32	1,493	0.31
Clay	233	0.05	220	0.05	241	0.05	186	0.04
Cleveland	1,651	0.38	1,727	0.37	1,763	0.38	1,803	0.37
Columbus	2,667	0.62	2,730	0.58	2,759	0.59	2,863	0.60
Craven	7,887	1.84	9,165	1.95	9,223	1.97	9,672	2.01
Cumberland	6,663	1.55	7,436	1.58	7,366	1.57	7,738	1.61
Currituck	1,986	0.46	2,089	0.44	1,984	0.42	2,063	0.43
Dare	5,246	1.22	5,963	1.27	5,549	1.19	6,051	1.26
Davidson	5,069	1.18	5,561	1.18	5,504	1.18	5,584	1.16
Davie	1,299	0.3	1,396	0.30	1,493	0.32	1,372	0.29
Duplin	3,107	0.72	3,602	0.77	3,451	0.74	3,637	0.76
Durham	3,478	0.81	4,242	0.90	3,924	0.84	4,236	0.88
Edgecombe	2,022	0.47	2,242	0.48	2,396	0.51	2,545	0.53
Forsyth	6,171	1.44	6,894	1.47	6,960	1.49	6,918	1.44
Franklin	1,822	0.42	2,020	0.43	1,783	0.38	1,808	0.38
Gaston	4,116	0.96	4,509	0.96	4,492	0.96	5,143	1.07
Gates	538	0.13	551	0.12	573	0.12	557	0.12
Graham	55	0.01	67	0.01	88	0.02	99	0.02
Granville	1,422	0.33	1,512	0.32	1,466	0.31	1,494	0.31
Greene	1,009	0.24	1,132	0.24	1,060	0.23	1,116	0.23
Guilford	7,768	1.81	8,470	1.80	8,649	1.85	8,592	1.79
Halifax	1,467	0.34	1,656	0.35	1,776	0.38	1,764	0.37
Harnett	3,666	0.85	4,045	0.86	4,032	0.86	4,082	0.85
Haywood	543	0.13	516	0.11	542	0.12	570	0.12
Henderson	749	0.17	808	0.17	783	0.17	825	0.17
Hertford	1,016	0.24	1,052	0.22	1,061	0.23	1,066	0.22
Hoke	1,337	0.31	1,468	0.31	1,528	0.33	1,587	0.33

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

County of License Holder	2018		2017		2016		2015	
	Num	%	Num	%	Num	%	Num	%
Hyde	702	0.16	834	0.18	848	0.18	905	0.19
Iredell	2,844	0.66	3,030	0.65	2,903	0.62	2,857	0.59
Jackson	267	0.06	247	0.05	295	0.06	299	0.06
Johnston	8,256	1.92	8,904	1.90	8,633	1.85	8,714	1.81
Jones	887	0.21	1,032	0.22	1,023	0.22	1,070	0.22
Lee	1,520	0.35	1,890	0.40	2,055	0.44	2,059	0.43
Lenoir	3,216	0.75	3,645	0.78	3,767	0.81	3,901	0.81
Lincoln	1,761	0.41	1,980	0.42	1,949	0.42	1,914	0.40
Macon	201	0.05	230	0.05	226	0.05	246	0.05
Madison	192	0.04	205	0.04	242	0.05	196	0.04
Martin	1,796	0.42	1,919	0.41	1,972	0.42	2,059	0.43
McDowell	638	0.15	773	0.16	818	0.17	825	0.17
Mecklenburg	7,487	1.75	7,966	1.70	8,168	1.75	8,052	1.67
Mitchell	162	0.04	205	0.04	187	0.04	193	0.04
Montgomery	595	0.14	714	0.15	751	0.16	727	0.15
Moore	2,186	0.51	2,472	0.53	2,373	0.51	2,375	0.49
Nash	3,372	0.79	3,604	0.77	3,620	0.77	3,727	0.78
New Hanover	13,203	3.08	15,090	3.21	15,036	3.21	16,042	3.34
Northampton	653	0.15	769	0.16	877	0.19	819	0.17
Out of State	154,978	36.13	164,422	0.00	161,812	34.60	166,876	34.70
Onslow	14,938	3.48	17,202	3.66	17,633	3.77	18,497	3.85
Orange	2,497	0.58	2,661	0.57	2,767	0.59	2,840	0.59
Pamlico	1,495	0.35	1,748	0.37	1,794	0.38	1,778	0.37
Pasquotank	1,914	0.45	2,081	0.44	2,070	0.44	2,213	0.46
Pender	5,176	1.21	5,891	1.25	5,738	1.23	5,946	1.24
Perquimans	1,046	0.24	1,131	0.24	1,147	0.25	1,180	0.25
Person	963	0.22	1,070	0.23	1,074	0.23	1,013	0.21
Pitt	8,080	1.88	8,839	1.88	8,634	1.85	9,043	1.88
Polk	146	0.03	165	0.04	163	0.03	173	0.04
Randolph	4,116	0.96	4,660	0.99	4,614	0.99	4,596	0.96
Richmond	1,131	0.26	1,299	0.28	1,360	0.29	1,403	0.29
Robeson	3,920	0.91	4,569	0.97	4,465	0.95	4,700	0.98
Rockingham	1,812	0.42	2,171	0.46	2,003	0.43	2,026	0.42
Rowan	4,295	1.00	4,713	1.00	4,760	1.02	4,801	1.00
Rutherford	770	0.18	829	0.18	949	0.20	954	0.20
Sampson	2,817	0.66	2,997	0.64	2,639	0.56	2,775	0.58
Scotland	935	0.22	1,018	0.22	1,163	0.25	1,088	0.23
Stanly	1,839	0.43	2,038	0.43	2,030	0.43	2,078	0.43
Stokes	1,595	0.37	2,100	0.45	2,597	0.56	2,493	0.52
Surry	1,421	0.33	1,532	0.33	1,682	0.36	1,651	0.34
Swain	89	0.02	108	0.02	132	0.03	130	0.03
Transylvania	262	0.06	274	0.06	274	0.06	297	0.06
Tyrrell	410	0.10	423	0.09	493	0.11	508	0.11
Union	3,495	0.81	3,762	0.80	3,700	0.79	3,604	0.75
Vance	964	0.22	1,076	0.23	1,269	0.27	1,266	0.26
Wake	21,346	4.98	23,636	5.03	24,030	5.14	23,979	4.99
Warren	475	0.11	510	0.11	554	0.12	683	0.14

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

County of License Holder	2018		2017		2016		2015	
	Num	%	Num	%	Num	%	Num	%
Washington	1,228	0.29	1,341	0.29	1,486	0.32	1,566	0.33
Watauga	640	0.15	721	0.15	766	0.16	683	0.14
Wayne	4,927	1.15	5,557	1.18	5,219	1.12	5,609	1.17
Wilkes	1,304	0.30	1,446	0.31	1,398	0.30	1,258	0.26
Wilson	3,925	0.92	4,240	0.90	4,317	0.92	4,469	0.93
Yadkin	1,098	0.26	1,214	0.26	1,203	0.26	1,209	0.25
Yancey	193	0.04	247	0.05	217	0.05	201	0.04
All	428,930	100.00	469,571	100.00	467,706	100.00	480,845	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 2018. 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 2018 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. 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.

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

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Table II.1 Commercial landings of finfish and shellfish.

Year	Finfish		Shellfish		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
2018	17,957,860	\$31,580,470	27,804,686	\$46,310,480	45,762,547	\$77,890,950
2017	19,752,386	\$35,639,843	34,642,984	\$60,953,374	54,395,371	\$96,593,218
2016	19,934,144	\$32,757,091	40,042,936	\$61,368,225	59,977,081	\$94,125,316
2015	23,291,068	\$32,391,320	42,656,576	\$62,331,261	65,947,644	\$94,722,581
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	39,119,735	\$52,057,384	137,166,335	\$88,143,189
2000	102,060,290	\$39,593,160	52,159,808	\$68,721,651	154,220,098	\$108,314,811
1999	86,092,743	\$34,774,093	67,649,303	\$64,906,937	153,742,046	\$99,681,030
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	117,381,210	\$42,806,170	73,741,463	\$62,725,091	191,122,672	\$105,531,261
1995	118,636,225	\$45,657,206	57,128,794	\$63,710,688	175,765,019	\$109,367,894
1994	130,406,672	\$37,327,560	62,505,653	\$53,942,991	192,912,325	\$91,270,550
1993	118,359,356	\$29,660,592	52,338,120	\$34,943,200	170,697,476	\$64,603,792
1992	106,089,955	\$26,359,229	48,339,866	\$31,665,415	154,429,821	\$58,024,644
1991	157,651,237	\$28,648,802	54,989,911	\$38,138,904	212,641,148	\$66,787,706
1990	125,181,567	\$31,388,992	49,811,302	\$39,303,298	174,992,869	\$70,692,290
1989	117,328,601	\$33,449,737	47,868,878	\$40,507,870	165,197,479	\$73,957,607
1988	143,831,049	\$34,243,428	48,862,127	\$43,513,326	192,693,176	\$77,756,754
1987	114,956,317	\$29,698,852	42,367,602	\$36,008,434	157,323,919	\$65,707,286
1986	134,399,216	\$29,183,330	34,482,409	\$34,047,519	168,881,625	\$63,230,849
1985	170,331,478	\$28,986,432	44,542,610	\$35,606,434	214,874,088	\$64,592,866
1984	235,844,829	\$31,214,354	41,324,162	\$26,048,714	277,168,991	\$57,263,068
1983	244,086,111	\$27,752,454	43,646,719	\$29,672,531	287,732,830	\$57,424,985
1982	259,889,675	\$31,974,441	48,078,248	\$31,849,411	307,967,923	\$63,823,852
1981	388,552,891	\$36,280,328	43,452,992	\$21,239,682	432,005,883	\$57,520,010
1980	308,046,031	\$34,725,754	48,146,775	\$34,057,756	356,192,806	\$68,783,510
1979	354,085,423	\$32,829,300	36,386,661	\$25,624,765	390,472,084	\$58,454,065
1978	269,229,292	\$24,388,794	30,312,055	\$16,220,071	299,541,347	\$40,608,865
1977	224,865,426	\$16,079,228	19,885,159	\$12,295,207	244,750,585	\$28,374,435
1976	200,023,988	\$14,613,266	20,453,247	\$12,796,018	220,477,235	\$27,409,284
1975	214,517,385	\$12,255,425	17,186,106	\$7,197,252	231,703,491	\$19,452,677

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

Year	Finfish		Shellfish		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
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

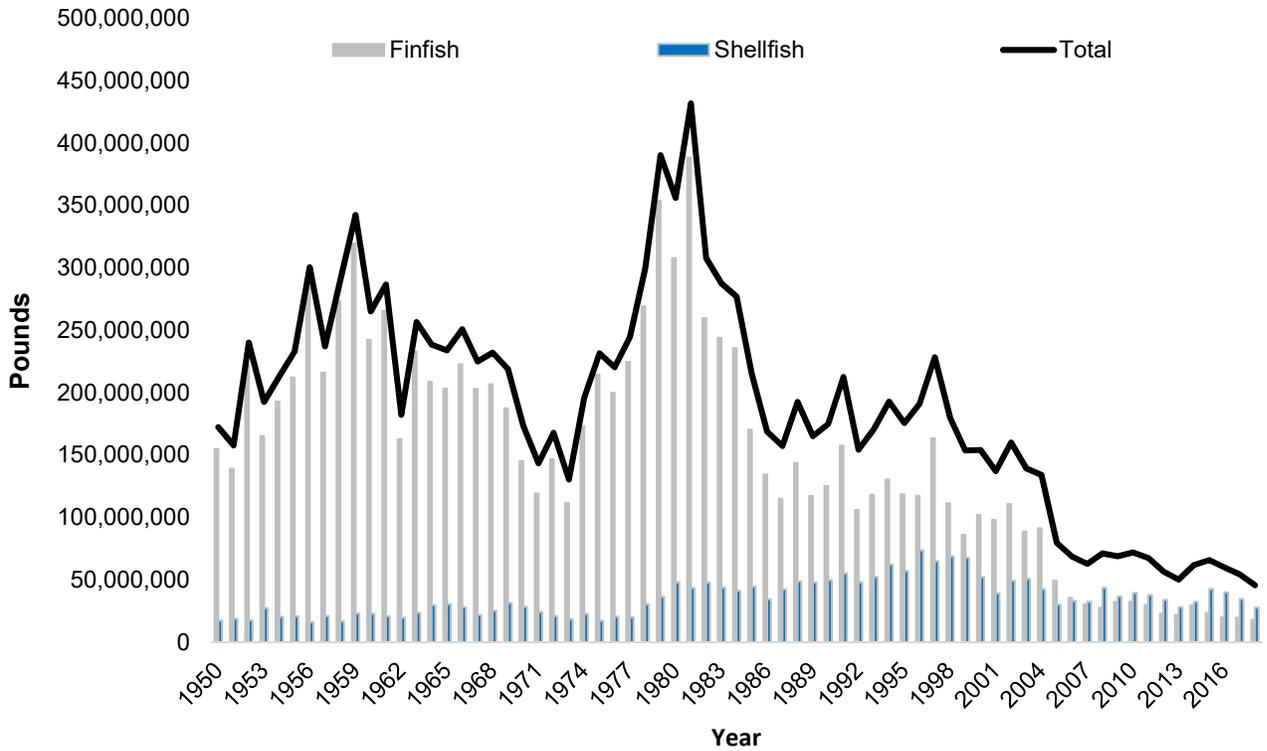


Figure II.1 Commercial landings of finfish and shellfish.

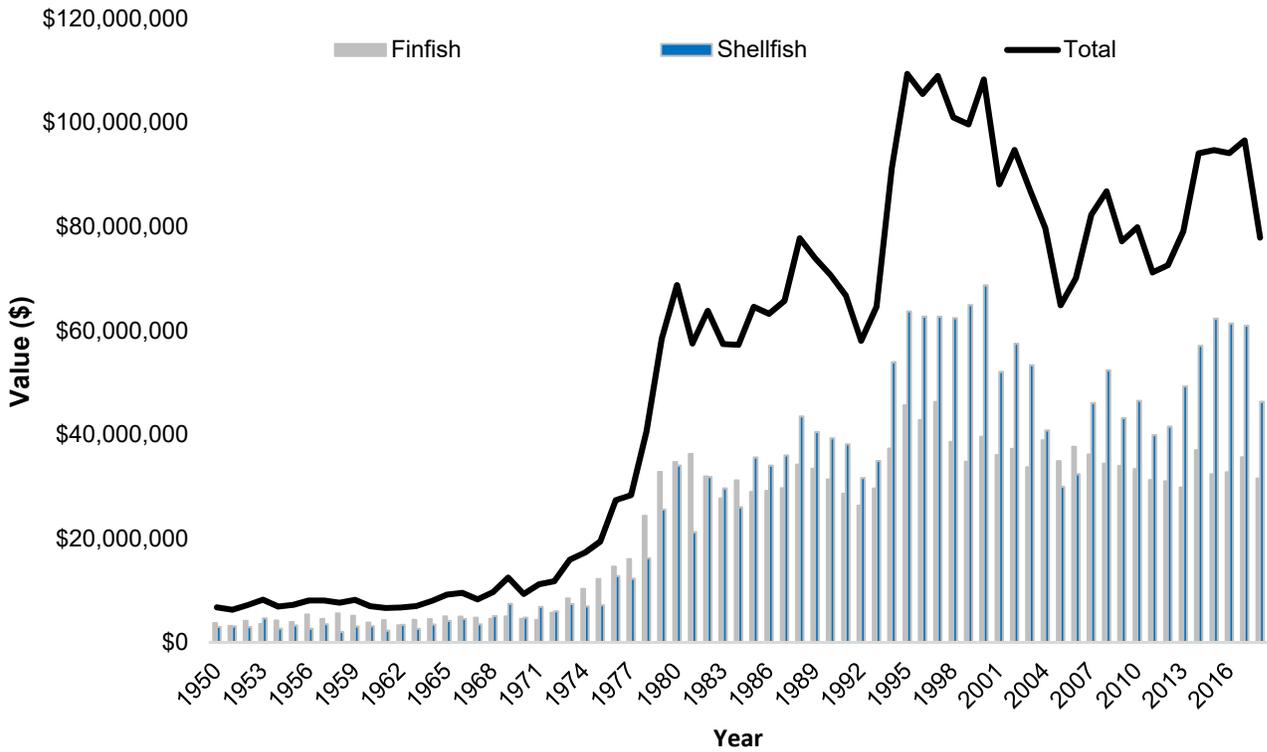


Figure II.2 Commercial ex-vessel value of finfish and shellfish landings.

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

Year	Dealers	Participants	Trips	Vessels
2018	547	2,651	100,789	2,905
2017	532	2,945	126,694	3,229
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	3,665	148,931	3,868
2007	606	3,742	159,297	3,909
2006	603	3,607	150,126	3,851
2005	640	3,894	155,365	4,196
2004	701	4,262	185,716	4,588
2003	716	4,355	197,315	4,854
2002	726	4,694	213,530	5,069
2001	706	5,081	246,912	5,760
2000	697	5,033	243,995	6,090
1999	760	4,836	249,221	6,680
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	286,106	6,420
1994	613	5,317	274,187	6,025

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

Species	2018		2017		2016	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	141,824	\$162,910	127,895	\$162,956	138,712	\$150,501
Blue Crabs, Hard	16,409,610	\$17,294,910	18,059,799	\$17,767,012	24,729,421	\$20,736,477
Blue Crabs, Peeler	368,241	\$857,867	776,128	\$1,649,402	445,814	\$1,314,789
Blue Crabs, Soft	234,503	\$1,501,315	427,742	\$2,791,960	284,768	\$2,062,996
Blue Crabs, Soft and Peeler						
Bluefish	910,262	\$675,209	1,544,037	\$999,641	1,148,620	\$600,151
Catfishes	1,137,401	\$290,388	1,165,136	\$399,413	992,439	\$238,725
Clams, Hard	199,955	\$1,628,664	273,280	\$2,174,491	331,215	\$2,578,120
Croaker, Atlantic	1,643,634	\$1,631,494	1,007,963	\$1,133,533	2,092,287	\$2,216,211
Dolphinfish	144,660	\$494,055	198,038	\$719,454	356,061	\$1,271,296
Drum, Red	144,484	\$386,303	186,907	\$497,908	77,101	\$203,003
Eel, American	18,058	\$29,344	24,753	\$14,413	39,911	\$88,195
Finfish, Other	839,622	\$1,087,386	882,977	\$908,913	784,901	\$916,191
Flounder, Southern	903,568	\$3,822,608	1,394,907	\$5,656,948	899,932	\$3,618,196
Flounder, Summer	1,654,569	\$6,893,316	1,563,045	\$6,315,997	2,071,091	\$8,238,710
Groupers	239,181	\$1,112,068	223,593	\$1,013,987	258,199	\$1,111,450
Herring, River	0	\$0	0	\$0	0	\$0
Herring, Thread	27,252	\$6,132	15,612	\$3,331	10,330	\$3,099
Hog Snapper	13,755	\$60,617	15,776	\$70,760	9,195	\$39,452
Kingfishes	407,171	\$504,793	942,621	\$1,096,234	834,671	\$1,007,572
Mackerel, King	506,933	\$1,146,962	629,696	\$1,266,983	420,869	\$870,011
Mackerel, Spanish	796,890	\$1,237,371	816,017	\$1,384,543	601,628	\$1,068,262
Menhaden, Atlantic	712,213	\$177,070	752,799	\$157,288	398,044	\$75,227
Monkfish	45,166	\$35,652	66,225	\$60,045	50,883	\$47,173
Mullet, Striped	1,312,121	\$953,667	1,366,338	\$1,037,526	965,337	\$669,843
Oysters	632,454	\$3,897,568	841,614	\$5,590,559	658,140	\$4,059,849
Perch, White	131,920	\$108,241	171,756	\$125,448	242,106	\$166,889
Perch, Yellow	12,725	\$14,568	16,131	\$21,621	29,405	\$41,609
Porgies	54,985	\$112,247	50,803	\$96,662	44,072	\$82,274
Scallop, Bay	0	\$0	0	\$0	0	\$0
Scup	78,944	\$58,243	199,711	\$112,830	111,908	\$72,871
Sea Basses	497,056	\$1,518,224	632,554	\$1,862,633	424,051	\$1,346,245
Seatrout, Spotted	128,919	\$346,530	299,911	\$779,854	254,590	\$662,608
Shad, American	53,878	\$82,435	90,868	\$109,340	62,245	\$88,729
Shad, Gizzard	262,405	\$14,046	166,695	\$8,335	174,222	\$30,489
Shad, Hickory	75,481	\$26,399	73,627	\$20,190	96,121	\$29,309
Sharks	815,958	\$354,736	862,171	\$424,465	951,814	\$403,736
Sharks, Dogfishes	1,378,007	\$257,283	547,525	\$112,313	2,449,895	\$308,312
Shellfish, Other	230,397	\$1,083,007	359,028	\$1,348,875	398,311	\$2,368,762
Shrimp, Brown	6,125,615	\$11,198,994	4,526,067	\$8,536,519	4,819,256	\$8,386,288
Shrimp, Pink	69,351	\$202,731	209,773	\$326,636	45,071	\$80,240
Shrimp, Unclassified	13,312	\$74,312	36,267	\$139,167	6,416	\$52,214
Shrimp, White	3,521,248	\$8,571,111	9,133,285	\$20,628,755	8,324,526	\$19,728,491
Snappers	323,276	\$1,172,463	286,861	\$1,020,240	280,043	\$958,190
Spadefish	9,838	\$5,640	18,834	\$13,414	15,231	\$9,189
Spot	167,678	\$239,160	413,999	\$521,980	241,039	\$301,670
Striped Bass	136,005	\$439,021	99,009	\$288,888	146,189	\$432,127
Swordfish	425,872	\$932,781	458,361	\$1,138,260	445,415	\$1,202,276
Tilefishes	68,509	\$250,497	88,754	\$335,987	111,788	\$395,813
Triggerfishes	174,075	\$479,894	152,955	\$415,990	135,545	\$356,211
Tunas	1,505,812	\$4,323,202	2,083,121	\$5,091,809	1,463,194	\$3,220,820
Wahoo	22,619	\$81,777	28,963	\$110,577	25,393	\$93,872
Weakfish	35,134	\$55,741	85,442	\$129,134	79,667	\$120,585

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

Species	2015		2014		2013	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	146,544	\$162,064	192,994	\$198,868	90,122	\$89,876
Blue Crabs, Hard	31,018,908	\$29,606,587	25,242,795	\$29,954,723	21,438,077	\$26,465,523
Blue Crabs, Peeler	704,346	\$2,099,196	621,040	\$1,935,462	447,120	\$1,449,542
Blue Crabs, Soft	375,874	\$2,221,331	367,277	\$2,137,335	317,426	\$2,091,382
Blue Crabs, Soft and Peeler						
Bluefish	804,244	\$445,265	2,019,279	\$889,710	1,159,580	\$564,377
Catfishes	918,085	\$262,863	521,540	\$158,480	548,913	\$92,497
Clams, Hard	415,027	\$5,038,973	430,816	\$2,866,096	347,073	\$2,295,366
Croaker, Atlantic	1,819,007	\$1,646,350	2,629,908	\$1,865,595	1,927,938	\$1,723,578
Dolphinfish	320,961	\$973,324	422,496	\$1,237,458	178,035	\$529,916
Drum, Red	80,397	\$196,153	90,650	\$208,295	371,949	\$715,685
Eel, American	57,791	\$142,826	60,755	\$164,797	33,980	\$88,649
Finfish, Other	1,036,391	\$1,104,263	934,282	\$974,336	1,097,664	\$1,065,344
Flounder, Southern	1,202,952	\$3,823,788	1,673,511	\$4,839,672	2,186,391	\$5,673,190
Flounder, Summer	2,878,753	\$9,092,527	2,911,750	\$8,225,282	541,542	\$1,386,338
Groupers	261,159	\$1,122,236	300,002	\$1,266,274	311,203	\$1,247,807
Herring, River	0	\$0	1,139	\$1,519	743	\$743
Herring, Thread	0	\$0	34,909	\$7,908	33,913	\$7,701
Hog Snapper	8,238	\$33,500	9,767	\$37,920	7,847	\$30,640
Kingfishes	784,701	\$858,475	955,087	\$1,007,513	603,186	\$668,480
Mackerel, King	391,315	\$800,688	549,981	\$1,203,503	345,177	\$877,497
Mackerel, Spanish	561,409	\$1,034,231	673,974	\$1,230,410	620,752	\$1,015,965
Menhaden, Atlantic	898,282	\$152,429	917,905	\$145,659	454,206	\$73,494
Monkfish	112,863	\$106,081	76,392	\$85,364	10,566	\$9,053
Mullet, Striped	1,247,044	\$804,675	1,828,351	\$1,112,465	1,549,157	\$1,402,914
Oysters	637,069	\$3,911,399	727,775	\$4,544,236	586,625	\$3,353,126
Perch, White	161,596	\$124,499	172,486	\$148,698	275,652	\$255,633
Perch, Yellow	41,655	\$54,013	67,454	\$82,336	31,481	\$40,546
Porgies	51,488	\$91,282	78,265	\$142,546	70,942	\$115,758
Scallop, Bay	0	\$0	0	\$0	1,337	\$9,506
Scup	229,696	\$130,029	160,508	\$110,203	28,691	\$13,323
Sea Basses	467,953	\$1,366,822	529,075	\$1,413,708	329,691	\$868,811
Seatrout, Spotted	128,762	\$318,307	242,245	\$579,343	367,648	\$818,159
Shad, American	95,966	\$91,655	191,302	\$159,657	257,348	\$306,885
Shad, Gizzard	97,978	\$4,899	114,999	\$5,750	112,295	\$4,492
Shad, Hickory	149,336	\$43,119	110,280	\$27,575	71,772	\$29,324
Sharks	795,831	\$338,283	1,005,858	\$473,375	553,665	\$282,318
Sharks, Dogfishes	4,515,642	\$630,293	6,149,189	\$780,378	3,794,011	\$646,430
Shellfish, Other	388,622	\$2,573,994	438,607	\$1,493,871	197,543	\$674,565
Shrimp, Brown	6,305,783	\$10,513,252	3,354,809	\$10,326,997	2,297,132	\$6,021,373
Shrimp, Pink	29,140	\$58,767	111,882	\$282,864	229,301	\$479,113
Shrimp, Unclassified	9,488	\$79,038	5,390	\$52,530	13,467	\$99,514
Shrimp, White	2,772,320	\$6,228,725	1,218,852	\$3,483,015	2,318,985	\$6,344,881
Snappers	232,030	\$803,988	251,087	\$864,618	276,533	\$917,987
Spadefish	15,997	\$8,177	22,761	\$10,652	20,369	\$9,246
Spot	376,994	\$321,884	766,224	\$619,643	768,592	\$690,035
Striped Bass	141,824	\$450,208	96,233	\$283,241	96,935	\$303,486
Swordfish	593,258	\$1,277,355	694,911	\$2,109,549	1,058,089	\$2,935,940
Tilefishes	45,354	\$135,228	91,074	\$238,808	217,079	\$522,652
Triggerfishes	131,536	\$331,805	116,782	\$262,199	160,861	\$342,228
Tunas	1,341,077	\$2,916,057	1,662,737	\$3,647,436	1,295,062	\$3,226,483
Wahoo	18,380	\$65,475	22,783	\$71,829	23,380	\$75,577
Weakfish	80,242	\$115,848	105,247	\$140,574	120,191	\$150,730

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

Species	2012		2011		2010	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	124,325	\$104,213	72,797	\$62,822	128,466	\$95,442
Blue Crabs, Hard	25,991,387	\$20,198,891	28,964,633	\$18,016,736	29,794,329	\$23,801,594
Blue Crabs, Peeler	468,855	\$1,112,025	624,362	\$1,186,286	568,210	\$1,197,855
Blue Crabs, Soft	325,426	\$1,496,021	446,397	\$2,079,242	320,472	\$1,544,342
Blue Crabs, Soft and Peeler						
Bluefish	758,858	\$349,288	1,897,471	\$848,355	3,216,030	\$1,129,691
Catfishes	489,492	\$116,379	444,445	\$85,039	354,892	\$64,316
Clams, Hard	396,429	\$2,091,067	295,466	\$1,896,627	354,961	\$2,581,033
Croaker, Atlantic	3,106,616	\$2,135,458	5,054,186	\$3,164,034	7,312,159	\$3,409,671
Dolphinfish	249,020	\$756,346	94,210	\$244,752	239,551	\$492,270
Drum, Red	66,519	\$138,833	91,980	\$166,966	231,828	\$421,781
Eel, American	64,110	\$160,275	61,960	\$123,920	122,104	\$351,048
Finfish, Other	896,329	\$795,882	718,622	\$561,345	797,142	\$618,688
Flounder, Southern	1,646,137	\$4,451,482	1,247,450	\$2,753,128	1,689,557	\$3,695,889
Flounder, Summer	1,090,218	\$2,969,370	2,854,122	\$6,136,614	3,310,992	\$7,212,191
Groupers	382,085	\$1,421,867	408,507	\$1,462,989	561,926	\$1,730,542
Herring, River	678	\$678	1,611	\$1,611	1,765	\$1,765
Herring, Thread	***	***	18,303	\$3,735	0	\$0
Hog Snapper	8,256	\$28,738	10,793	\$37,688	13,046	\$37,897
Kingfishes	596,249	\$645,607	486,853	\$520,413	886,841	\$958,377
Mackerel, King	297,423	\$831,297	408,162	\$1,062,081	328,806	\$643,861
Mackerel, Spanish	916,439	\$1,374,648	871,217	\$1,188,154	911,866	\$1,026,562
Menhaden, Atlantic	538,792	\$82,976	3,530,003	\$336,531	1,299,150	\$111,554
Monkfish	21,649	\$25,286	38,892	\$48,702	47,305	\$60,322
Mullet, Striped	1,859,587	\$1,041,659	1,627,894	\$1,015,852	2,082,832	\$1,002,468
Oysters	440,063	\$2,572,073	800,543	\$4,486,741	1,040,407	\$5,045,127
Perch, White	189,448	\$150,940	245,636	\$223,248	200,501	\$162,388
Perch, Yellow	20,511	\$23,446	27,838	\$38,554	57,027	\$68,576
Porgies	81,532	\$129,798	89,612	\$133,027	80,105	\$105,846
Scallop, Bay	0	\$0	0	\$0	***	***
Scup	3,954	\$2,768	308,907	\$126,875	102,853	\$51,424
Sea Basses	256,007	\$687,905	272,280	\$627,825	401,489	\$947,900
Seatrout, Spotted	265,016	\$522,130	75,239	\$144,596	202,647	\$354,077
Shad, American	235,795	\$257,681	203,755	\$182,619	232,326	\$189,690
Shad, Gizzard	123,813	\$4,333	101,025	\$5,051	87,340	\$43,670
Shad, Hickory	65,689	\$22,402	85,226	\$23,632	108,352	\$20,983
Sharks	701,876	\$376,147	584,238	\$327,802	629,421	\$325,080
Sharks, Dogfishes	3,709,215	\$1,020,811	3,799,175	\$784,925	3,323,280	\$760,260
Shellfish, Other	192,961	\$751,091	1,491,160	\$1,354,123	1,470,127	\$1,633,110
Shrimp, Brown	3,599,108	\$7,721,355	4,337,643	\$8,683,030	4,233,181	\$7,291,146
Shrimp, Pink	774,968	\$1,619,500	2,295	\$3,490	52,657	\$107,759
Shrimp, Unclassified	16,366	\$78,690	104,222	\$312,257	10,815	\$39,979
Shrimp, White	1,751,039	\$3,913,604	696,200	\$1,887,019	1,658,681	\$3,252,515
Snappers	279,368	\$899,624	326,371	\$1,004,700	320,260	\$955,643
Spadefish	24,238	\$9,043	21,535	\$6,839	18,827	\$6,116
Spot	489,678	\$465,752	936,970	\$728,475	572,315	\$384,386
Striped Bass	144,555	\$368,516	410,685	\$1,164,426	500,152	\$1,221,524
Swordfish	903,178	\$3,009,107	803,725	\$2,617,201	629,933	\$1,897,151
Tilefishes	361,094	\$753,966	133,824	\$314,600	430,394	\$817,388
Triggerfishes	143,114	\$278,968	220,204	\$411,373	225,682	\$349,179
Tunas	1,493,530	\$4,413,829	1,071,504	\$2,464,617	719,702	\$1,509,787
Wahoo	23,521	\$73,998	15,870	\$44,685	12,626	\$30,329
Weakfish	91,384	\$111,462	65,998	\$78,659	106,328	\$105,293

*** 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	2009		2008		2007	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	153,099	\$104,982	160,769	\$110,236	133,519	\$93,910
Blue Crabs, Hard	29,140,473	\$25,039,379	32,338,889	\$25,429,231	20,562,159	\$18,109,497
Blue Crabs, Peeler	367,881	\$1,106,883	351,986	\$882,319	498,904	\$1,186,031
Blue Crabs, Soft	198,878	\$1,282,733	225,816	\$1,243,836	363,896	\$2,136,426
Blue Crabs, Soft and Peeler						
Bluefish	2,360,081	\$782,598	1,930,391	\$707,749	2,329,718	\$700,707
Catfishes	412,122	\$77,709	361,456	\$91,752	475,217	\$129,282
Clams, Hard	350,669	\$2,036,793	382,049	\$2,355,279	425,333	\$2,600,658
Croaker, Atlantic	6,135,437	\$3,003,861	5,791,766	\$3,141,877	7,271,162	\$2,714,046
Dolphinfish	611,962	\$1,030,145	289,548	\$573,364	369,472	\$726,111
Drum, Red	200,296	\$325,625	229,809	\$352,426	243,658	\$354,400
Eel, American	65,481	\$154,536	23,833	\$53,624	37,937	\$73,977
Finfish, Other	860,612	\$683,139	971,022	\$627,548	927,658	\$600,270
Flounder, Southern	2,396,240	\$4,609,932	2,602,390	\$5,650,295	2,083,043	\$4,970,881
Flounder, Summer	2,859,039	\$5,513,799	2,406,603	\$5,236,001	2,670,110	\$6,363,870
Groupers	637,447	\$1,878,701	785,555	\$2,274,335	827,766	\$2,394,336
Herring, River	643	\$836	1,292	\$775	1,103	\$856
Herring, Thread	0	\$0	0	\$0	0	\$0
Hog Snapper	10,839	\$28,476	13,035	\$34,731	7,112	\$17,072
Kingfishes	721,924	\$789,000	921,120	\$815,149	817,588	\$795,412
Mackerel, King	777,585	\$1,500,112	1,036,852	\$1,631,665	1,059,107	\$1,967,079
Mackerel, Spanish	961,811	\$929,748	415,405	\$545,300	487,879	\$731,076
Menhaden, Atlantic	2,124,734	\$229,648	645,231	\$70,339	1,134,208	\$139,183
Monkfish	99,549	\$112,354	109,102	\$127,688	153,346	\$188,124
Mullet, Striped	1,685,615	\$715,265	1,675,859	\$672,108	1,668,804	\$721,171
Oysters	573,630	\$2,655,463	466,176	\$2,039,175	441,415	\$2,244,626
Perch, White	376,820	\$303,971	398,307	\$318,802	174,494	\$130,426
Perch, Yellow	66,949	\$68,153	43,507	\$49,763	45,698	\$58,012
Porgies	91,922	\$112,138	105,873	\$134,119	86,449	\$104,244
Scallop, Bay	29,003	\$124,256	0	\$0	0	\$0
Scup	244,337	\$100,956	205,868	\$164,204	66,979	\$42,756
Sea Basses	615,179	\$1,401,506	484,892	\$1,155,772	474,297	\$1,195,325
Seatrout, Spotted	320,247	\$528,985	304,430	\$466,588	374,722	\$524,465
Shad, American	167,114	\$203,681	118,855	\$168,652	298,597	\$279,163
Shad, Gizzard	73,232	\$2,197	58,933	\$1,768	84,998	\$2,550
Shad, Hickory	86,973	\$23,040	66,883	\$11,689	37,189	\$8,046
Sharks	447,405	\$238,806	468,869	\$210,848	348,717	\$170,201
Sharks, Dogfishes	2,637,512	\$593,955	985,001	\$291,577	788,449	\$221,379
Shellfish, Other	564,834	\$2,439,165	399,827	\$1,212,265	630,583	\$1,908,391
Shrimp, Brown	3,804,694	\$5,742,975	5,502,793	\$10,742,274	3,110,266	\$4,896,325
Shrimp, Pink	250,213	\$365,475	830,488	\$1,326,887	84,168	\$148,452
Shrimp, Unclassified	5,240	\$29,084	4,694	\$38,491	2,913	\$16,904
Shrimp, White	1,347,561	\$2,390,181	3,076,444	\$7,120,069	6,339,883	\$12,843,654
Snappers	374,081	\$1,072,841	602,838	\$1,784,321	550,617	\$1,601,228
Spadefish	20,636	\$6,520	11,694	\$3,293	19,567	\$6,939
Spot	1,006,500	\$601,844	736,484	\$454,115	879,091	\$612,679
Striped Bass	310,604	\$747,308	373,445	\$822,556	576,157	\$1,238,523
Swordfish	502,884	\$1,319,917	444,559	\$1,133,936	645,396	\$1,769,054
Tilefishes	469,293	\$735,189	404,295	\$659,213	58,218	\$87,888
Triggerfishes	215,759	\$303,580	198,724	\$283,028	155,261	\$186,141
Tunas	1,048,741	\$2,946,307	1,062,410	\$3,419,059	1,852,257	\$4,066,942
Wahoo	16,397	\$39,022	11,643	\$27,068	24,306	\$55,644
Weakfish	163,148	\$163,213	162,516	\$142,545	175,593	\$149,206

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

Species	2006		2005		2004	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	101,722	\$65,811	122,361	\$72,800	106,507	\$63,415
Blue Crabs, Hard	24,408,932	\$14,146,592	23,571,451	\$15,374,714	32,592,768	\$20,248,333
Blue Crabs, Peeler	549,916	\$1,172,353	1,166,270	\$1,902,625	982,874	\$1,678,928
Blue Crabs, Soft	384,311	\$1,768,450	692,398	\$2,996,574	554,966	\$2,538,582
Blue Crabs, Soft and Peeler						
Bluefish	2,791,187	\$815,645	2,837,661	\$790,316	3,762,944	\$849,302
Catfishes	429,948	\$121,288	401,516	\$91,165	414,694	\$100,507
Clams, Hard	422,293	\$2,631,373	412,995	\$2,777,957	542,935	\$3,357,124
Croaker, Atlantic	10,396,554	\$3,562,502	11,903,292	\$3,408,528	11,993,003	\$3,527,983
Dolphinfish	159,452	\$307,239	139,761	\$258,625	255,805	\$452,590
Drum, Red	169,206	\$232,818	128,770	\$173,040	54,086	\$69,753
Eel, American	33,581	\$70,893	49,278	\$106,769	128,875	\$270,986
Finfish, Other	893,092	\$491,721	718,577	\$353,187	856,324	\$409,709
Flounder, Southern	2,287,823	\$4,850,300	1,870,754	\$3,462,308	2,454,577	\$3,880,410
Flounder, Summer	3,981,413	\$8,449,646	4,064,464	\$7,500,273	4,844,126	\$7,619,934
Groupers	708,863	\$1,905,570	579,271	\$1,474,124	584,916	\$1,391,452
Herring, River	109,847	\$84,276	250,021	\$128,834	188,541	\$80,694
Herring, Thread	***	***	7,489	\$3,195	0	\$0
Hog Snapper	7,296	\$16,717	7,877	\$18,127	8,902	\$18,811
Kingfishes	559,440	\$550,566	296,263	\$271,731	567,659	\$492,452
Mackerel, King	1,185,534	\$2,120,138	1,246,089	\$2,053,692	955,002	\$1,572,583
Mackerel, Spanish	470,662	\$617,689	446,001	\$586,845	456,242	\$526,015
Menhaden, Atlantic	962,651	\$147,779	13,387,423	\$1,223,195	50,577,983	\$4,532,534
Monkfish	164,953	\$176,908	90,099	\$86,084	386,821	\$372,198
Mullet, Striped	1,728,607	\$977,756	1,620,394	\$801,181	1,598,617	\$721,855
Oysters	447,889	\$2,234,558	378,014	\$1,682,646	367,961	\$1,551,870
Perch, White	156,426	\$124,299	178,146	\$108,855	218,067	\$122,661
Perch, Yellow	34,599	\$34,815	23,254	\$28,488	39,785	\$37,976
Porgies	53,071	\$61,715	38,423	\$41,619	37,268	\$42,253
Scallop, Bay	0	\$0	0	\$0	***	***
Scup	140,062	\$96,932	352,422	\$156,920	523,554	\$332,019
Sea Basses	778,230	\$1,715,625	690,424	\$1,332,624	881,360	\$1,486,300
Seatrout, Spotted	312,624	\$410,701	129,855	\$173,867	130,961	\$172,033
Shad, American	184,710	\$200,769	189,462	\$203,334	270,245	\$180,304
Shad, Gizzard	66,808	\$2,672	82,963	\$4,148	96,060	\$2,409
Shad, Hickory	55,012	\$10,677	173,927	\$39,695	187,463	\$32,329
Sharks	835,415	\$373,881	1,175,544	\$610,086	1,079,817	\$583,701
Sharks, Dogfishes	621,821	\$180,262	666,443	\$187,148	1,146,273	\$185,935
Shellfish, Other	1,150,167	\$1,320,628	1,616,784	\$848,900	2,803,193	\$1,962,920
Shrimp, Brown	1,944,380	\$3,331,938	1,523,028	\$2,559,206	2,749,009	\$5,301,307
Shrimp, Pink	65,232	\$135,004	43,489	\$99,351	143,954	\$308,718
Shrimp, Unclassified	44,508	\$104,515	10,830	\$28,346	64,393	\$157,620
Shrimp, White	3,682,529	\$5,569,978	780,169	\$1,722,220	1,923,460	\$3,695,206
Snappers	345,071	\$953,292	432,829	\$1,116,056	339,453	\$873,299
Spadefish	19,623	\$6,851	35,445	\$9,059	44,521	\$10,284
Spot	1,364,743	\$998,047	1,714,597	\$905,072	2,317,169	\$1,068,031
Striped Bass	281,736	\$680,902	864,289	\$1,673,068	911,399	\$1,160,540
Swordfish	615,877	\$1,500,495	609,200	\$1,508,598	604,095	\$1,508,281
Tilefishes	138,090	\$186,677	44,014	\$52,576	78,126	\$134,695
Triggerfishes	126,354	\$146,634	145,639	\$162,533	136,211	\$147,096
Tunas	1,991,550	\$4,070,818	1,282,284	\$3,328,019	1,436,789	\$3,331,817
Wahoo	16,426	\$37,879	14,980	\$32,814	22,006	\$50,026
Weakfish	363,086	\$310,706	421,984	\$357,271	685,463	\$488,894

*** 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	2003		2002		2001	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	135,991	\$84,218	120,644	\$69,982	121,966	\$64,071
Blue Crabs, Hard	41,644,612	\$32,904,677	36,461,890	\$29,349,251	29,939,494	\$25,079,256
Blue Crabs, Peeler	693,294	\$1,815,304	718,897	\$1,465,913	1,319,202	\$3,081,350
Blue Crabs, Soft	431,891	\$2,388,111	555,532	\$2,333,268	921,693	\$4,070,990
Blue Crabs, Soft and Peeler						
Bluefish	3,470,100	\$767,566	2,323,964	\$776,570	4,066,000	\$1,091,020
Catfishes	385,888	\$99,695	367,665	\$95,257	564,183	\$153,609
Clams, Hard	533,027	\$3,339,172	619,721	\$3,505,642	763,573	\$5,007,241
Croaker, Atlantic	14,429,197	\$2,923,946	10,189,153	\$3,233,402	12,017,424	\$3,080,205
Dolphinfish	186,262	\$329,370	168,429	\$243,510	160,546	\$220,795
Drum, Red	90,525	\$105,671	81,370	\$89,199	149,616	\$170,548
Eel, American	172,065	\$267,300	59,940	\$83,517	107,070	\$122,416
Finfish, Other	769,384	\$379,342	1,239,024	\$527,054	1,011,094	\$538,498
Flounder, Southern	2,198,503	\$3,661,597	3,436,753	\$5,165,017	3,522,136	\$5,690,481
Flounder, Summer	3,572,448	\$6,009,296	4,129,119	\$6,106,076	2,784,741	\$4,451,356
Groupers	651,949	\$1,535,714	699,579	\$1,584,584	558,626	\$1,255,386
Herring, River	199,716	\$88,862	174,830	\$65,712	306,761	\$118,546
Herring, Thread	***	***	***	***	0	\$0
Hog Snapper	9,135	\$19,263	10,637	\$20,309	8,203	\$15,666
Kingfishes	652,636	\$644,920	619,737	\$603,854	489,743	\$501,999
Mackerel, King	764,831	\$1,214,205	778,427	\$1,177,216	839,107	\$1,353,511
Mackerel, Spanish	456,784	\$418,064	698,448	\$617,860	653,673	\$524,263
Menhaden, Atlantic	48,936,502	\$3,943,814	69,190,596	\$5,045,407	56,012,396	\$4,551,445
Monkfish	335,338	\$314,344	278,608	\$232,940	208,413	\$232,017
Mullet, Striped	1,629,314	\$779,570	2,596,304	\$1,251,676	2,317,655	\$1,181,912
Oysters	261,043	\$1,017,887	243,775	\$991,004	258,086	\$1,068,352
Perch, White	498,133	\$292,690	280,860	\$161,260	244,817	\$159,075
Perch, Yellow	98,783	\$98,534	78,828	\$76,482	90,527	\$87,596
Porgies	40,626	\$45,088	64,219	\$62,411	56,415	\$62,303
Scallop, Bay	14,194	\$48,628	19,219	\$68,365	2,517	\$10,423
Scup	143,004	\$75,453	***	***	0	\$0
Sea Basses	850,550	\$1,416,659	592,260	\$878,251	644,840	\$1,063,189
Seatrout, Spotted	181,462	\$243,394	175,555	\$213,668	105,714	\$134,848
Shad, American	395,251	\$251,532	274,657	\$174,142	151,075	\$94,373
Shad, Gizzard	152,010	\$16,542	227,459	\$9,298	245,261	\$12,263
Shad, Hickory	68,938	\$18,543	51,158	\$8,286	172,236	\$52,166
Sharks	1,274,163	\$665,837	1,707,186	\$869,823	1,139,068	\$520,162
Sharks, Dogfishes	373,078	\$110,487	341,722	\$101,358	510,756	\$125,925
Shellfish, Other	1,005,985	\$917,639	648,484	\$1,402,518	661,037	\$1,828,824
Shrimp, Brown	4,828,513	\$8,210,280	6,029,219	\$10,905,493	3,923,540	\$8,830,577
Shrimp, Pink	219,010	\$459,906	879,894	\$1,503,822	211,858	\$449,929
Shrimp, Unclassified	19,720	\$57,021	545,562	\$1,061,263	255,580	\$653,514
Shrimp, White	1,100,128	\$2,211,871	2,514,342	\$4,894,187	863,153	\$1,976,927
Snappers	269,230	\$687,027	490,591	\$1,186,998	523,742	\$1,219,289
Spadefish	28,519	\$3,775	38,400	\$7,757	41,994	\$11,579
Spot	2,043,387	\$910,301	2,184,032	\$931,528	3,093,872	\$1,278,327
Striped Bass	565,919	\$717,981	701,459	\$855,457	626,052	\$773,102
Swordfish	630,874	\$1,799,063	480,948	\$935,892	596,178	\$1,313,372
Tilefishes	87,102	\$96,556	220,331	\$221,262	106,674	\$99,198
Triggerfishes	117,396	\$123,681	90,934	\$84,599	87,628	\$82,532
Tunas	941,051	\$2,007,154	1,015,421	\$2,169,542	1,729,572	\$2,599,881
Wahoo	17,222	\$42,380	19,952	\$38,298	20,503	\$41,714
Weakfish	848,822	\$532,904	1,828,150	\$1,051,137	1,960,324	\$1,037,169

*** 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	2000		1999		1998	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	127,116	\$82,065	129,245	\$78,239	101,739	\$60,263
Blue Crabs, Hard	38,889,273	\$32,154,369	56,094,091	\$33,526,081	60,402,332	\$40,466,879
Blue Crabs, Peeler	998,971	\$1,946,369	942,150	\$2,111,690	976,097	\$1,932,820
Blue Crabs, Soft	750,140	\$3,336,990	510,435	\$2,174,429	697,741	\$2,559,941
Blue Crabs, Soft and Peeler						
Bluefish	3,368,610	\$1,104,129	2,761,084	\$877,734	2,925,929	\$763,583
Catfishes	879,447	\$268,895	731,283	\$206,169	910,154	\$230,009
Clams, Hard	675,814	\$4,680,245	576,970	\$3,774,453	689,510	\$4,559,846
Croaker, Atlantic	10,122,627	\$2,986,816	10,185,507	\$3,119,799	10,865,897	\$3,449,817
Dolphinfish	197,259	\$306,688	209,488	\$343,808	149,990	\$238,611
Drum, Red	270,953	\$294,871	372,942	\$398,282	294,366	\$288,397
Eel, American	127,099	\$176,576	99,939	\$134,085	91,084	\$231,505
Finfish, Other	1,291,414	\$588,722	1,595,891	\$453,815	1,468,811	\$489,518
Flounder, Southern	3,205,792	\$5,660,767	2,933,331	\$5,154,205	3,952,729	\$7,118,989
Flounder, Summer	3,386,578	\$5,991,402	2,869,055	\$5,011,482	2,983,107	\$5,418,829
Groupers	636,942	\$1,420,414	758,068	\$1,629,812	745,665	\$1,647,973
Herring, River	332,336	\$126,685	443,494	\$180,874	521,930	\$202,437
Herring, Thread	707,541	\$42,452	***	***	6,586,500	\$559,853
Hog Snapper	7,727	\$14,852	12,405	\$21,712	12,037	\$22,166
Kingfishes	551,940	\$520,965	607,465	\$621,078	399,313	\$414,315
Mackerel, King	1,045,554	\$1,655,894	1,082,693	\$1,695,944	1,143,342	\$1,749,357
Mackerel, Spanish	659,426	\$499,446	459,100	\$265,834	372,415	\$261,973
Menhaden, Atlantic	56,280,112	\$3,495,744	42,799,080	\$2,680,633	57,976,455	\$4,121,667
Monkfish	745,164	\$966,739	599,538	\$654,846	686,715	\$478,014
Mullet, Striped	2,829,086	\$1,602,702	1,460,850	\$838,924	2,218,108	\$1,061,430
Oysters	203,427	\$804,212	216,858	\$922,910	224,214	\$925,559
Perch, White	202,192	\$139,704	353,246	\$263,296	142,672	\$116,945
Perch, Yellow	94,085	\$98,297	113,545	\$102,646	79,313	\$70,303
Porgies	23,727	\$24,753	77,137	\$92,189	183,885	\$240,149
Scallop, Bay	21,029	\$78,554	29,651	\$102,998	102,819	\$289,184
Scup	0	\$0	***	***	14,885	\$8,140
Sea Basses	567,385	\$973,041	613,577	\$1,078,908	743,243	\$1,099,982
Seatrout, Spotted	376,574	\$467,122	546,675	\$670,460	307,671	\$380,724
Shad, American	297,990	\$213,010	131,617	\$108,145	327,556	\$233,761
Shad, Gizzard	287,453	\$20,122	205,656	\$13,097	230,094	\$18,746
Shad, Hickory	92,564	\$14,502	112,140	\$20,769	93,504	\$18,312
Sharks	1,460,709	\$548,830	1,666,655	\$704,666	1,167,236	\$409,568
Sharks, Dogfishes	3,885,221	\$678,308	4,224,232	\$619,912	5,451,610	\$744,243
Shellfish, Other	286,239	\$314,996	274,940	\$199,997	1,095,343	\$812,460
Shrimp, Brown	6,489,495	\$16,000,250	1,672,959	\$4,323,442		
Shrimp, Pink	161,422	\$383,245	10,060	\$11,294		
Shrimp, Unclassified	469,137	\$956,056	3,661,887	\$7,947,452	4,635,189	\$10,855,296
Shrimp, White	3,214,862	\$8,066,365	3,659,302	\$9,812,191		
Snappers	510,897	\$1,281,042	441,783	\$1,067,328	352,020	\$851,508
Spadefish	46,235	\$12,888	34,320	\$9,536	38,994	\$13,369
Spot	2,829,818	\$1,172,231	2,262,175	\$1,001,980	2,396,979	\$1,001,659
Striped Bass	407,440	\$471,837	588,311	\$724,844	422,869	\$520,039
Swordfish	414,801	\$937,555	611,029	\$1,044,237	265,064	\$666,673
Tilefishes	85,467	\$98,130	76,697	\$67,734	67,770	\$89,593
Triggerfishes	88,277	\$84,106	150,387	\$110,496	274,641	\$201,113
Tunas	1,727,787	\$3,414,429	1,126,551	\$1,257,270	1,064,415	\$1,376,822
Wahoo	19,905	\$46,475	28,963	\$58,314	22,600	\$47,861
Weakfish	1,869,042	\$1,089,958	2,617,580	\$1,390,987	3,354,008	\$1,698,336

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

Species	1997		1996		1995	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	178,310	\$107,052	139,669	\$63,942	171,510	\$85,764
Blue Crabs, Hard	54,353,545	\$33,165,872	65,682,500	\$39,873,553	45,033,543	\$33,053,805
Blue Crabs, Peeler	1,022,668	\$1,768,855	878,382	\$1,280,991	724,442	\$1,052,607
Blue Crabs, Soft	713,896	\$2,751,311	519,318	\$1,887,890	685,555	\$2,132,875
Blue Crabs, Soft and Peeler						
Bluefish	4,003,160	\$1,166,023	3,298,639	\$861,547	3,010,742	\$1,078,917
Catfishes	1,031,144	\$282,601	802,420	\$238,016	877,715	\$230,201
Clams, Hard	696,295	\$4,878,022	619,837	\$4,380,620	702,654	\$4,628,830
Croaker, Atlantic	10,711,667	\$4,116,446	9,961,834	\$3,642,602	6,021,284	\$2,002,297
Dolphinfish	229,791	\$347,270	128,586	\$215,423	354,188	\$573,863
Drum, Red	52,502	\$56,939	113,338	\$112,881	248,122	\$223,310
Eel, American	128,668	\$327,032	141,592	\$247,786	173,698	\$366,503
Finfish, Other	2,391,193	\$809,055	2,516,988	\$770,766	2,666,994	\$854,888
Flounder, Southern	4,076,793	\$7,981,377	3,807,009	\$7,235,817	4,166,966	\$7,611,412
Flounder, Summer	1,501,171	\$2,828,186	4,227,052	\$6,784,624	4,582,176	\$8,190,341
Groupers	719,550	\$1,547,970	651,106	\$1,350,819	773,372	\$1,529,751
Herring, River	334,809	\$128,988	529,503	\$132,389	453,984	\$134,934
Herring, Thread	***	***	***	***	6,391,228	\$447,386
Hog Snapper	14,010	\$26,297	13,841	\$23,864	33,507	\$55,964
Kingfishes	872,888	\$864,030	528,260	\$470,545	1,058,785	\$746,603
Mackerel, King	1,558,439	\$2,375,084	793,534	\$1,271,857	1,013,319	\$1,589,704
Mackerel, Spanish	766,958	\$474,882	401,839	\$204,507	402,392	\$216,116
Menhaden, Atlantic	97,727,057	\$8,794,202	53,850,943	\$4,858,471	58,374,081	\$3,560,953
Monkfish	704,036	\$446,669	535,092	\$432,712	535,887	\$421,834
Mullet, Striped	2,442,657	\$1,777,617	1,756,863	\$1,091,892	2,298,446	\$1,944,319
Oysters	218,970	\$888,963	210,931	\$793,123	220,661	\$815,070
Perch, White	123,040	\$97,913	172,879	\$124,218	111,366	\$75,348
Perch, Yellow	76,740	\$66,146	53,828	\$42,360	61,872	\$40,837
Porgies	188,885	\$239,501	237,310	\$265,183	249,062	\$263,535
Scallop, Bay	54,606	\$183,173	27,388	\$105,716	173,796	\$345,447
Scup	1,365	\$761	58,861	\$19,824	24,047	\$9,865
Sea Basses	766,841	\$1,124,023	778,349	\$998,132	493,702	\$597,057
Seatrout, Spotted	232,497	\$283,425	226,580	\$252,404	574,296	\$634,061
Shad, American	219,526	\$149,203	199,638	\$172,104	205,867	\$188,541
Shad, Gizzard	253,667	\$16,657	410,963	\$26,546	317,540	\$19,052
Shad, Hickory	138,228	\$17,405	187,887	\$40,326	67,569	\$19,301
Sharks	1,487,669	\$512,328	1,871,203	\$771,563	2,727,300	\$1,146,157
Sharks, Dogfishes	8,135,923	\$1,083,374	13,673,758	\$2,228,922	9,357,602	\$1,553,086
Shellfish, Other	1,002,858	\$852,327	541,970	\$1,037,903	919,112	\$1,363,816
Shrimp, Brown						
Shrimp, Pink						
Shrimp, Unclassified	6,988,243	\$18,204,266	5,261,137	\$13,365,295	8,669,032	\$20,318,239
Shrimp, White						
Snappers	366,482	\$872,983	350,206	\$763,999	403,499	\$931,144
Spadefish	57,384	\$13,321	55,890	\$13,497	40,873	\$8,175
Spot	2,627,925	\$1,155,343	2,290,000	\$866,053	3,006,845	\$932,122
Striped Bass	587,786	\$711,091	181,600	\$220,945	446,789	\$606,529
Swordfish	176,266	\$458,988	194,862	\$484,105	171,299	\$517,858
Tilefishes	149,402	\$177,223	158,586	\$229,734	160,860	\$228,295
Triggerfishes	342,134	\$257,514	277,741	\$210,942	304,540	\$216,211
Tunas	1,277,938	\$1,490,572	1,526,784	\$2,268,042	2,148,910	\$3,555,023
Wahoo	20,628	\$45,190	26,675	\$53,364	40,731	\$84,675
Weakfish	3,561,060	\$1,869,620	3,977,633	\$2,304,415	4,113,260	\$2,165,276

*** 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	1994		1993		1992	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	151,984	\$74,522	129,011	\$52,669	107,328	\$38,487
Blue Crabs, Hard	52,260,168	\$26,896,282	42,867,109	\$14,262,152	40,507,415	\$12,836,836
Blue Crabs, Peeler	642,238	\$771,697				
Blue Crabs, Soft	610,717	\$1,931,975				
Blue Crabs, Soft and Peeler			805,623	\$1,515,569	560,959	\$996,904
Bluefish	1,782,345	\$542,228	2,705,278	\$661,515	2,839,057	\$550,619
Catfishes	1,276,359	\$284,725	1,364,430	\$276,573	1,466,594	\$283,419
Clams, Hard	690,794	\$3,582,049	741,248	\$3,922,932	722,235	\$3,853,005
Croaker, Atlantic	4,615,754	\$1,451,056	3,267,652	\$990,961	2,796,612	\$1,010,646
Dolphinfish	160,742	\$243,740	149,043	\$195,528	72,119	\$89,179
Drum, Red	142,169	\$102,362	238,099	\$203,955	128,497	\$86,859
Eel, American	95,991	\$175,664	32,711	\$61,081	17,739	\$32,388
Finfish, Other	2,674,615	\$602,555	2,416,216	\$651,639	2,919,029	\$622,644
Flounder, Southern	4,878,609	\$8,044,845	4,272,368	\$5,596,669	3,145,020	\$4,026,402
Flounder, Summer	3,592,781	\$5,852,930	3,120,901	\$3,872,667	2,613,003	\$3,505,193
Groupers	775,431	\$1,569,894	724,852	\$1,368,289	761,909	\$1,365,580
Herring, River	644,334	\$100,999	916,235	\$67,494	1,723,178	\$172,453
Herring, Thread	7,252,434	\$362,803	6,558,702	\$239,326	3,955,739	\$136,286
Hog Snapper	19,133	\$33,393	21,404	\$27,540	24,186	\$29,528
Kingfishes	620,841	\$424,307	1,194,224	\$701,314	851,708	\$464,525
Mackerel, King	849,909	\$1,267,066	887,810	\$1,358,915	1,034,694	\$1,552,953
Mackerel, Spanish	531,371	\$247,003	589,868	\$252,157	738,362	\$302,887
Menhaden, Atlantic	73,853,901	\$3,178,605	64,711,384	\$1,954,299	57,515,712	\$1,744,030
Monkfish	336,759	\$204,536	80,881	\$52,147	36,656	\$25,270
Mullet, Striped	1,726,242	\$1,058,691	3,063,853	\$1,942,472	1,820,494	\$1,171,094
Oysters	183,704	\$632,634	223,993	\$843,617	293,956	\$1,172,397
Perch, White	213,337	\$166,773	180,294	\$145,507	165,141	\$156,533
Perch, Yellow	67,978	\$55,063	48,578	\$37,408	28,929	\$20,029
Porgies	250,377	\$256,417	265,691	\$231,771	338,695	\$287,201
Scallop, Bay	63,954	\$120,054	152,504	\$365,274	21,721	\$54,124
Scup	306,048	\$114,726	88,702	\$43,892	174,397	\$54,005
Sea Basses	706,111	\$772,545	737,950	\$953,000	792,875	\$1,053,519
Seatrout, Spotted	412,358	\$492,461	449,886	\$525,840	526,271	\$563,136
Shad, American	110,975	\$95,703	178,790	\$149,739	239,162	\$194,629
Shad, Gizzard	229,310	\$11,466	70,117	\$3,456	11,795	\$700
Shad, Hickory	57,543	\$17,263	75,375	\$25,023	18,603	\$4,919
Sharks	3,147,137	\$1,490,036	2,321,177	\$639,797	1,272,213	\$272,749
Sharks, Dogfishes	9,877,658	\$1,013,669	8,806,064	\$735,603	8,634,923	\$691,163
Shellfish, Other	769,285	\$1,015,814	768,881	\$443,196	737,769	\$1,893,036
Shrimp, Brown			3,672,780	\$7,267,558	2,639,281	\$5,755,336
Shrimp, Pink			1,382,650	\$2,367,160	1,983,357	\$3,267,003
Shrimp, Unclassified	7,284,793	\$18,992,486	2,154	\$4,611		
Shrimp, White			1,721,178	\$3,951,131	873,173	\$1,836,774
Snappers	450,221	\$1,012,178	435,277	\$967,485	335,167	\$759,267
Spadefish	23,347	\$3,969	23,564	\$4,710	19,288	\$3,232
Spot	2,937,311	\$980,536	2,672,164	\$749,339	2,826,138	\$642,491
Striped Bass	261,900	\$353,565	262,447	\$330,351	161,009	\$204,434
Swordfish	96,677	\$292,410	27,144	\$95,941	60,810	\$238,273
Tilefishes	231,584	\$335,292	217,781	\$281,584	360,740	\$441,907
Triggerfishes	271,503	\$187,337	190,672	\$144,095	135,190	\$94,100
Tunas	1,263,343	\$1,894,566	529,391	\$785,293	544,039	\$959,187
Wahoo	20,319	\$41,718	24,121	\$42,402	14,383	\$23,954
Weakfish	3,489,929	\$1,917,948	4,309,249	\$2,241,146	4,862,551	\$2,483,359

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Species	1952		1951		1950	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	6,161,700	\$196,854	7,822,200	\$212,035	6,680,500	\$266,888
Blue Crabs, Peeler						
Blue Crabs, Soft						
Blue Crabs, Soft and Peeler	124,200	\$18,630	167,000	\$24,906	208,800	\$24,753
Bluefish	736,800	\$83,089	925,900	\$104,901	1,272,200	\$181,088
Catfishes	992,900	\$85,720	529,900	\$50,834	671,300	\$53,805
Clams, Hard	724,500	\$166,740	834,800	\$192,051	836,400	\$157,132
Croaker, Atlantic	1,346,300	\$66,325	2,102,100	\$112,531	2,095,800	\$103,406
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	222,700	\$26,584	182,400	\$21,888	200,900	\$20,793
Eel, American	38,600	\$1,452	32,600	\$1,682	174,600	\$21,490
Finfish, Other	2,592,500	\$154,576	2,934,300	\$102,888	2,254,700	\$115,379
Flounder, Southern	501,700	\$85,928	463,300	\$86,299	618,200	\$93,432
Flounder, Summer	1,654,300	\$261,712	1,015,500	\$168,547	1,221,500	\$184,491
Groupers	0	\$0	100	\$15	0	\$0
Herring, River	6,510,200	\$81,221	12,534,500	\$129,267	6,422,500	\$128,459
Herring, Thread	0	\$0	0	\$0	32,000	\$240
Hog Snapper	0	\$0	2,000	\$60	4,400	\$132
Kingfishes	1,484,500	\$141,167	1,122,100	\$100,373	1,398,600	\$126,800
Mackerel, King	0	\$0	300	\$36	0	\$0
Mackerel, Spanish	174,300	\$29,079	206,300	\$31,781	147,500	\$23,725
Menhaden, Atlantic	191,341,300	\$1,626,501	104,012,900	\$978,562	124,904,900	\$1,221,468
Monkfish	0	\$0	0	\$0	0	\$0
Mullet, Striped	3,850,400	\$361,647	4,013,000	\$393,356	3,220,800	\$357,194
Oysters	1,620,900	\$600,238	1,531,900	\$632,122	1,322,100	\$555,686
Perch, White	458,100	\$41,724	394,100	\$42,213	510,200	\$50,913
Perch, Yellow	45,800	\$3,784	39,200	\$3,928	34,900	\$3,490
Porgies	104,500	\$7,423	152,800	\$7,650	59,400	\$4,198
Scallop, Bay	253,800	\$126,900	183,400	\$95,696	71,600	\$38,906
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	109,800	\$13,002	94,000	\$9,818	75,600	\$6,140
Seatrout, Spotted	643,400	\$191,230	267,400	\$80,840	482,000	\$143,719
Shad, American	1,479,200	\$377,091	1,244,500	\$300,116	1,100,300	\$339,970
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	453,000	\$19,799	196,000	\$14,007	294,900	\$13,684
Sharks	0	\$0	6,600	\$390	5,500	\$550
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	28,200	\$2,940	67,100	\$7,631	27,800	\$4,093
Shrimp, Brown						
Shrimp, Pink						
Shrimp, Unclassified	8,712,600	\$1,905,065	8,199,500	\$1,949,907	8,311,200	\$1,999,358
Shrimp, White						
Snappers	5,000	\$1,000	7,500	\$1,500	0	\$0
Spadefish	0	\$0	0	\$0	0	\$0
Spot	5,548,000	\$249,355	4,614,500	\$210,728	5,172,300	\$234,090
Striped Bass	647,000	\$121,231	702,200	\$134,110	796,800	\$165,207
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfishes	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	141,000	\$4,231
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,625,600	\$167,994	1,262,900	\$126,403	1,567,400	\$155,245

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

Species	2018			2017			2016		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	87	701	98	86	659	89	78	736	81
Blue Crabs, Hard	656	33,356	739	703	37,391	832	863	46,573	1,021
Blue Crabs, Peeler	375	7,816	398	384	9,242	438	476	12,214	552
Blue Crabs, Soft	169	3,822	175	202	4,737	230	237	6,071	259
Bluefish	601	6,427	663	679	8,004	749	571	6,903	596
Catfishes	379	6,917	390	390	7,286	427	422	7,579	430
Clams, Hard	462	12,828	367	559	19,037	401	626	20,466	436
Croaker, Atlantic	365	2,404	388	470	3,791	507	489	3,675	511
Dolphinfishes	188	705	190	182	764	182	184	780	188
Drum, Red	579	7,199	643	705	10,143	778	464	4,777	494
Eel, American	20	69	20	32	100	32	26	89	26
Finfish, Other	1,144	15,053	1,262	1,281	19,215	1,436	1,190	15,709	1,284
Flounder, Southern	910	13,305	977	1,050	17,973	1,154	945	13,378	1,003
Flounder, Summer	221	552	227	246	831	263	246	882	259
Groupers	97	1,321	110	98	1,273	101	95	1,330	97
Herring, River	0	0	0	0	0	0	0	0	0
Herring, Thread	5	67	5	8	65	9	3	36	3
Hog Snapper	31	152	34	32	139	35	21	134	25
Mackerel, King	187	1,493	209	208	1,743	223	195	1,431	208
Mackerel, Spanish	343	3,086	378	312	2,780	340	339	3,063	361
Menhaden, Atlantic	251	2,310	265	282	2,619	304	291	2,580	294
Monkfish	100	210	102	91	179	96	111	277	116
Mullet, Sea	513	4,366	547	647	6,888	721	600	6,448	655
Mullet, Striped	687	6,791	747	760	7,742	842	688	6,825	734
Oysters	623	12,445	523	810	17,471	646	841	16,361	669
Perch, White	269	2,639	273	299	3,332	335	298	4,398	313
Perch, Yellow	96	591	94	113	697	124	147	1,443	142
Porgies	87	776	98	89	709	92	79	724	79
Scallop, Bay	0	0	0	0	0	0	0	0	0
Scup	58	83	60	50	76	51	44	70	47
Sea Basses	186	1,284	203	187	1,528	196	168	1,516	180
Seatrout, Spotted	535	3,721	577	841	9,753	919	685	7,152	739
Shad, American	135	948	130	188	1,347	179	157	1,088	151
Shad, Gizzard	115	1,541	107	83	1,048	82	98	1,236	96
Shad, Hickory	149	1,027	142	204	1,568	202	197	1,667	191
Sharks	114	1,153	125	137	1,224	137	150	1,508	148
Sharks, Dogfishes	95	629	98	86	369	86	109	813	108
Shellfish, Other	467	4,258	461	628	7,464	623	635	6,872	608
Shrimp	474	6,094	507	505	9,570	573	516	9,726	564
Snappers	92	1,235	104	88	1,033	91	77	771	78
Spadefish	87	414	87	165	1,006	177	130	506	129
Spot	462	3,353	499	567	4,644	617	482	3,480	524
Striped Bass	274	4,397	270	275	3,525	285	280	4,931	271
Swordfish	30	258	29	28	259	26	32	241	30
Tilefishes	73	523	78	74	511	77	73	606	70
Triggerfishes	103	954	113	107	1,041	112	84	756	87
Tunas	340	2,747	358	389	3,507	418	356	2,949	367
Wahoo	103	235	105	106	261	105	112	288	115
Weakfish	370	3,129	400	498	4,643	546	443	4,437	479

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

Species	2015			2014			2013		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	84	688	87	94	807	96	95	616	97
Blue Crabs, Hard	883	52,051	1,092	887	51,222	1,052	815	46,739	968
Blue Crabs, Peeler	534	13,480	611	534	14,096	600	502	13,687	601
Blue Crabs, Soft	241	5,509	270	259	5,712	290	253	6,393	281
Bluefish	549	6,401	604	682	7,672	754	742	8,282	793
Catfishes	448	8,186	487	405	6,404	428	462	8,565	491
Clams, Hard	650	21,393	456	607	19,644	477	516	16,496	414
Croaker, Atlantic	556	4,396	583	685	6,346	754	677	5,629	720
Dolphinfishes	160	572	172	185	911	195	193	953	204
Drum, Red	451	4,126	493	554	3,924	570	977	15,872	1,065
Eel, American	29	129	32	34	154	39	27	82	27
Finfish, Other	1,184	15,972	1,306	1,252	15,531	1,371	1,459	21,568	1,600
Flounder, Southern	1,031	13,881	1,125	1,222	18,121	1,321	1,286	23,579	1,439
Flounder, Summer	208	724	217	217	777	222	189	738	196
Groupers	100	1,232	104	108	1,352	113	104	1,313	108
Herring, River	0	0	0	6	13	5	12	19	11
Herring, Thread	5	105	5	5	66	5	5	26	5
Hog Snapper	31	130	36	29	127	33	21	112	24
Mackerel, King	195	1,388	205	202	1,840	216	230	1,382	240
Mackerel, Spanish	305	2,963	325	357	3,108	390	340	2,846	359
Menhaden, Atlantic	308	2,670	324	359	3,195	377	359	2,534	382
Monkfish	88	203	93	97	290	102	56	107	60
Mullet, Sea	599	5,998	662	684	7,294	764	742	8,113	801
Mullet, Striped	750	7,337	822	864	8,368	925	971	9,802	1,063
Oysters	868	17,103	704	970	20,520	800	908	18,576	747
Perch, White	338	4,182	365	319	3,937	334	375	4,983	400
Perch, Yellow	163	1,781	172	169	1,973	181	170	1,946	183
Porgies	85	723	88	96	848	101	86	857	88
Scallop, Bay	0	0	0	0	0	0	23	41	22
Scup	42	59	45	45	86	49	26	41	28
Sea Basses	170	1,481	180	180	1,720	189	132	1,204	139
Seatrout, Spotted	626	4,831	682	849	7,223	905	1,093	15,302	1,229
Shad, American	200	1,513	189	209	1,594	201	226	2,984	225
Shad, Gizzard	91	842	79	55	476	50	72	762	62
Shad, Hickory	244	1,875	243	206	1,796	205	305	2,829	303
Sharks	136	1,172	143	126	1,219	128	149	1,118	153
Sharks, Dogfishes	124	1,180	133	143	1,718	156	146	1,517	158
Shellfish, Other	689	7,912	659	688	8,214	679	639	8,779	658
Shrimp	494	8,180	559	417	6,477	467	454	8,682	501
Snappers	80	664	81	88	748	90	76	724	80
Spadefish	118	607	121	134	609	142	193	844	199
Spot	587	4,346	626	787	7,590	859	827	7,384	899
Striped Bass	337	4,852	341	331	3,660	325	350	3,648	348
Swordfish	26	252	27	31	283	31	33	371	33
Tilefishes	60	223	59	67	324	69	70	400	69
Triggerfishes	74	581	75	57	325	58	104	562	106
Tunas	373	2,741	389	344	3,207	371	347	2,774	361
Wahoo	106	214	108	95	221	100	128	271	128
Weakfish	467	4,464	506	582	5,885	637	697	7,119	754

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

Species	2012			2011			2010		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	100	659	98	92	695	92	141	905	143
Blue Crabs, Hard	837	46,891	987	883	48,226	1,047	944	49,620	1,115
Blue Crabs, Peeler	506	10,748	576	511	8,081	572	551	10,530	616
Blue Crabs, Soft	229	5,812	243	209	4,308	219	238	5,621	251
Bluefish	676	8,215	741	699	8,444	775	677	8,104	741
Catfishes	416	7,133	429	384	5,745	400	448	7,194	473
Clams, Hard	489	16,793	394	565	17,597	419	698	20,874	484
Croaker, Atlantic	626	5,316	674	549	4,838	602	752	7,274	816
Dolphinfishes	190	964	194	194	861	204	241	987	248
Drum, Red	576	4,273	627	550	5,187	595	678	8,884	749
Eel, American	38	186	38	37	138	41	37	163	39
Finfish, Other	1,339	20,420	1,508	1,196	15,643	1,298	1,271	16,358	1,383
Flounder, Southern	1,202	20,926	1,333	1,040	15,810	1,141	1,182	20,408	1,329
Flounder, Summer	185	636	190	184	658	193	224	1,015	226
Groupers	106	1,317	105	102	1,394	105	148	1,808	152
Herring, River	10	18	8	16	30	14	16	41	17
Herring, Thread	3	70	3	5	28	5	0	0	0
Hog Snapper	25	126	27	27	132	28	39	168	38
Mackerel, King	245	1,407	243	245	1,416	252	300	1,615	308
Mackerel, Spanish	361	3,703	394	336	3,610	357	408	3,606	431
Menhaden, Atlantic	309	2,166	332	294	1,905	312	261	1,632	280
Monkfish	84	247	86	76	234	81	88	240	91
Mullet, Sea	678	6,843	738	608	5,028	657	653	6,134	713
Mullet, Striped	890	8,433	967	827	7,578	903	896	9,953	990
Oysters	961	16,534	761	1,115	22,641	932	1,181	24,612	1,009
Perch, White	356	4,059	369	325	3,653	339	351	4,150	360
Perch, Yellow	166	1,359	172	172	1,490	177	172	1,989	168
Porgies	92	881	90	92	992	96	120	1,065	122
Scallop, Bay	0	0	0	0	0	0	3	5	2
Scup	11	13	11	45	81	48	38	63	41
Sea Basses	131	840	133	158	588	166	198	1,124	203
SeatROUT, Spotted	945	9,458	1,056	673	4,402	728	726	6,540	809
Shad, American	250	3,252	243	234	2,889	236	296	3,568	291
Shad, Gizzard	86	1,074	83	75	866	68	92	802	80
Shad, Hickory	255	2,204	263	232	1,692	233	286	2,045	283
Sharks	171	1,529	175	128	956	130	117	925	117
Sharks, Dogfishes	225	1,852	235	208	1,819	213	174	1,579	186
Shellfish, Other	615	8,000	615	547	6,305	531	522	5,966	502
Shrimp	471	8,922	517	390	5,359	408	484	7,861	530
Snappers	81	641	78	79	654	82	107	661	106
Spadefish	189	1,062	195	138	624	144	122	485	124
Spot	598	4,115	657	679	5,502	751	652	4,773	711
Striped Bass	328	4,207	315	494	5,569	489	492	7,199	498
Swordfish	28	303	28	29	267	30	23	232	22
Tilefishes	73	418	69	55	258	56	69	546	67
Triggerfishes	102	822	99	97	955	99	142	1,193	141
Tunas	360	2,852	372	278	1,948	295	312	2,031	318
Wahoo	108	281	110	108	194	109	86	160	87
Weakfish	582	5,486	638	460	3,986	497	534	4,776	575

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

Species	2009			2008			2007		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	256	1,353	261	248	1,554	265	239	1,477	254
Blue Crabs, Hard	943	53,929	1,113	857	46,152	1,014	890	47,135	1,018
Blue Crabs, Peeler	561	12,644	617	526	12,726	588	548	12,457	603
Blue Crabs, Soft	245	5,911	267	245	6,334	272	270	6,818	284
Bluefish	834	9,175	918	831	9,300	910	768	9,736	848
Catfishes	486	9,295	536	427	7,894	452	490	8,905	535
Clams, Hard	738	21,479	523	776	23,126	557	895	27,964	632
Croaker, Atlantic	757	7,187	834	659	6,104	714	691	5,947	750
Dolphinfishes	320	1,432	329	283	1,127	295	335	1,305	345
Drum, Red	802	11,646	883	827	12,002	899	806	12,431	901
Eel, American	34	128	36	23	64	25	34	137	36
Finfish, Other	1,435	21,937	1,597	1,458	21,143	1,614	1,439	20,727	1,611
Flounder, Southern	1,299	29,395	1,464	1,235	28,966	1,411	1,248	28,397	1,428
Flounder, Summer	239	1,184	249	224	996	234	245	1,283	262
Groupers	243	2,474	258	274	2,728	292	268	2,890	288
Herring, River	14	27	13	9	25	11	10	22	9
Herring, Thread	0	0	0	0	0	0	0	0	0
Hog Snapper	49	194	50	58	266	59	60	209	61
Mackerel, King	486	3,267	509	458	3,412	478	547	4,540	601
Mackerel, Spanish	555	4,028	600	416	2,429	438	401	2,755	424
Menhaden, Atlantic	297	2,062	313	310	1,896	322	316	3,059	344
Monkfish	104	359	112	106	376	111	113	433	118
Mullet, Sea	751	7,198	828	760	7,233	834	662	6,892	747
Mullet, Striped	870	8,423	963	833	8,343	908	817	9,155	916
Oysters	953	17,233	800	874	16,295	713	873	15,738	707
Perch, White	369	5,188	410	357	5,153	388	387	4,907	409
Perch, Yellow	188	2,341	204	164	1,788	173	142	1,427	144
Porgies	168	1,218	173	213	1,521	225	209	1,477	223
Scallop, Bay	208	1,094	165	0	0	0	0	0	0
Scup	27	55	28	36	90	39	38	67	39
Sea Basses	275	1,943	297	295	1,785	315	304	1,842	329
SeatROUT, Spotted	966	11,889	1,086	921	10,600	1,026	859	11,092	978
Shad, American	219	2,739	223	235	2,344	237	280	3,689	283
Shad, Gizzard	38	569	38	42	479	42	88	878	81
Shad, Hickory	238	1,929	241	261	2,186	263	233	1,769	237
Sharks	114	862	116	120	893	123	129	845	135
Sharks, Dogfishes	190	1,505	195	117	932	117	111	988	116
Shellfish, Other	594	6,626	574	574	6,878	555	535	6,092	518
Shrimp	459	7,770	506	515	8,079	556	482	9,287	534
Snappers	190	1,469	196	223	1,874	238	214	1,691	231
Spadefish	185	1,125	203	188	894	194	182	974	190
Spot	948	8,888	1,064	821	7,095	899	813	7,600	905
Striped Bass	484	4,784	495	636	4,394	606	812	8,240	716
Swordfish	21	221	22	26	222	29	27	292	26
Tilefishes	77	582	78	72	533	72	55	417	58
Triggerfishes	218	1,616	230	187	1,558	200	198	1,415	208
Tunas	462	2,832	474	437	2,677	445	430	3,322	457
Wahoo	115	229	116	108	199	114	173	385	177
Weakfish	675	4,718	731	756	6,404	823	703	6,092	771

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

Species	2006			2005			2004		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	159	1,028	170	147	949	161	166	941	175
Blue Crabs, Hard	945	46,790	1,074	1,142	56,191	1,332	1,430	74,171	1,641
Blue Crabs, Peeler	547	9,013	599	722	11,941	791	778	12,728	857
Blue Crabs, Soft	241	5,753	260	286	6,655	319	357	7,174	386
Bluefish	733	8,778	812	784	8,376	876	749	8,031	819
Catfishes	463	8,042	513	486	7,480	539	467	7,995	524
Clams, Hard	840	24,970	606	899	23,519	690	1,067	30,429	754
Croaker, Atlantic	637	5,900	701	682	6,510	747	826	7,878	916
Dolphinfishes	258	972	273	233	877	251	291	1,116	312
Drum, Red	748	9,985	842	696	8,307	797	513	3,543	563
Eel, American	29	142	32	36	223	40	55	353	60
Finfish, Other	1,335	18,291	1,474	1,164	14,014	1,291	1,296	15,258	1,415
Flounder, Southern	1,182	26,202	1,369	1,177	23,374	1,359	1,360	27,071	1,568
Flounder, Summer	241	1,230	249	228	1,082	238	296	1,949	299
Groupers	212	2,227	235	186	2,025	203	196	2,039	215
Herring, River	99	1,029	104	144	1,792	154	136	1,503	148
Herring, Thread	2	2	2	3	13	3	0	0	0
Hog Snapper	56	221	60	51	247	55	52	218	59
Mackerel, King	448	3,913	487	448	3,741	476	446	3,227	484
Mackerel, Spanish	332	2,479	352	365	2,712	389	297	2,189	314
Menhaden, Atlantic	355	4,162	386	392	3,976	430	334	3,271	362
Monkfish	120	499	128	103	367	107	160	597	161
Mullet, Sea	653	6,613	719	576	5,082	627	665	6,783	717
Mullet, Striped	795	7,819	894	819	8,041	922	796	7,829	884
Oysters	789	14,326	666	726	12,111	628	725	11,889	608
Perch, White	363	4,792	400	386	4,821	420	362	5,049	405
Perch, Yellow	131	1,223	145	155	1,180	160	181	1,896	201
Porgies	156	1,206	168	151	1,132	164	131	1,077	148
Scallop, Bay	0	0	0	0	0	0	1	2	1
Scup	44	108	46	49	103	51	36	84	37
Sea Basses	267	2,198	292	266	1,886	290	285	2,216	308
Seatrout, Spotted	875	9,640	973	732	5,823	817	713	5,736	783
Shad, American	263	3,641	272	328	3,791	341	359	3,947	365
Shad, Gizzard	65	870	62	92	893	94	66	990	64
Shad, Hickory	257	2,062	251	299	2,302	308	313	2,325	324
Sharks	116	924	124	117	906	120	151	828	153
Sharks, Dogfishes	81	845	88	88	662	94	122	809	119
Shellfish, Other	467	5,261	473	450	4,426	446	550	5,676	505
Shrimp	440	8,021	476	400	6,578	431	584	11,881	625
Snappers	157	1,306	170	163	1,266	171	158	1,202	175
Spadefish	203	1,144	221	186	1,008	206	179	1,146	193
Spot	892	8,612	987	920	9,637	1,036	1,044	10,573	1,157
Striped Bass	614	7,962	655	1,028	10,877	985	846	9,347	891
Swordfish	20	258	22	25	210	25	22	182	22
Tilefishes	51	395	52	54	391	54	43	346	47
Triggerfishes	146	1,158	158	133	1,081	145	156	1,268	167
Tunas	438	3,192	460	474	2,624	493	578	3,257	607
Wahoo	135	260	139	134	248	141	152	337	158
Weakfish	716	7,239	796	726	7,804	798	792	8,554	882

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

Species	2003			2002			2001		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	184	1,117	196	176	1,178	183	196	1,247	210
Blue Crabs, Hard	1,510	83,769	1,833	1,597	82,083	1,900	1,719	96,742	2,265
Blue Crabs, Peeler	850	15,027	984	919	16,353	1,071	1,007	25,159	1,239
Blue Crabs, Soft	429	10,683	477	449	13,445	505	534	15,966	620
Bluefish	760	8,594	869	885	10,133	1,004	945	10,923	1,097
Catfishes	565	10,729	663	507	10,900	616	584	12,296	720
Clams, Hard	1,206	30,837	848	1,411	35,597	922	1,828	48,759	1,210
Croaker, Atlantic	796	7,361	892	957	8,815	1,081	1,123	12,954	1,299
Dolphinfishes	255	963	275	318	1,434	336	305	1,199	317
Drum, Red	682	6,845	798	737	6,709	841	781	8,863	905
Eel, American	67	427	72	49	287	51	71	460	81
Finfish, Other	1,411	18,579	1,639	1,641	23,573	1,874	1,547	20,259	1,809
Flounder, Southern	1,438	27,515	1,708	1,584	33,410	1,881	1,736	36,006	2,124
Flounder, Summer	268	1,796	280	262	1,736	273	275	1,713	296
Groupers	204	2,108	223	208	2,677	219	216	2,404	237
Herring, River	180	2,087	205	146	1,902	163	151	1,418	172
Herring, Thread	1	3	1	2	9	2	0	0	0
Hog Snapper	50	282	54	67	306	70	53	273	60
Mackerel, King	405	2,752	455	447	3,155	479	456	3,652	497
Mackerel, Spanish	335	2,485	369	478	3,261	521	518	3,756	586
Menhaden, Atlantic	390	4,312	446	420	6,089	476	482	5,431	550
Monkfish	142	651	149	140	642	143	147	548	151
Mullet, Sea	620	6,750	697	663	6,473	739	662	7,222	781
Mullet, Striped	920	9,616	1,051	1,032	10,622	1,171	1,070	10,726	1,245
Oysters	636	9,282	530	644	9,061	540	651	9,402	612
Perch, White	439	8,070	519	429	7,595	510	472	6,857	571
Perch, Yellow	259	3,491	298	226	3,156	275	297	3,465	347
Porgies	146	1,216	159	156	1,409	163	159	1,400	177
Scallop, Bay	68	243	58	74	335	68	26	56	21
Scup	18	26	17	2	4	2	0	0	0
Sea Basses	279	2,063	296	305	2,481	327	292	2,624	319
SeatROUT, Spotted	817	5,963	935	989	8,855	1,146	901	6,490	1,056
Shad, American	422	4,574	458	401	4,292	432	461	5,037	520
Shad, Gizzard	68	1,027	73	84	1,478	93	83	1,114	91
Shad, Hickory	295	2,004	316	272	1,781	280	389	3,351	430
Sharks	131	1,014	137	156	1,111	163	187	1,235	202
Sharks, Dogfishes	82	502	86	65	469	67	89	556	92
Shellfish, Other	561	6,819	538	558	5,660	547	629	5,868	589
Shrimp	599	14,057	673	798	18,342	884	722	14,072	836
Snappers	136	1,131	144	173	1,715	181	175	1,702	194
Spadefish	158	663	170	215	1,152	232	229	1,082	246
Spot	1,065	10,996	1,203	1,260	13,128	1,432	1,258	11,912	1,457
Striped Bass	771	11,455	894	814	11,278	948	751	12,066	885
Swordfish	23	173	23	26	182	25	32	235	33
Tilefishes	46	431	50	63	578	66	66	539	75
Triggerfishes	122	1,083	131	177	1,385	186	155	1,347	171
Tunas	442	2,672	476	411	2,869	433	479	3,503	521
Wahoo	144	306	148	147	299	156	168	373	176
Weakfish	818	8,791	936	970	10,092	1,098	1,029	12,030	1,206

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

Species	2000			1999			1998		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	205	1,331	227	201	1,356	239	199	1,209	206
Blue Crabs, Hard	1,672	94,034	2,212	1,832	105,029	2,874	1,896	119,570	2,238
Blue Crabs, Peeler	1,001	26,008	1,214	1,001	25,951	1,393	981	31,433	1,115
Blue Crabs, Soft	524	14,785	628	513	12,888	681	525	13,733	610
Bluefish	959	11,643	1,108	974	12,087	1,189	1,080	13,743	1,171
Catfishes	630	12,213	767	636	14,376	876	646	13,578	752
Clams, Hard	1,640	41,989	1,279	1,486	32,889	1,373	1,326	40,820	1,402
Croaker, Atlantic	1,114	11,810	1,276	1,116	12,980	1,462	1,092	10,662	1,226
Dolphinfishes	272	1,238	289	331	1,423	367	273	1,295	280
Drum, Red	981	9,753	1,151	909	10,603	1,222	694	5,613	782
Eel, American	108	576	117	101	574	119	102	554	109
Finfish, Other	1,706	24,043	2,004	1,735	25,630	2,264	1,673	21,138	1,861
Flounder, Southern	1,895	37,492	2,296	1,795	35,415	2,515	1,837	39,435	2,137
Flounder, Summer	358	2,530	391	345	3,026	393	353	2,536	380
Groupers	211	2,278	253	267	2,821	314	309	3,558	323
Herring, River	210	2,461	247	204	2,815	222	223	2,809	248
Herring, Thread	3	4	3	2	5	2	4	15	5
Hog Snapper	57	322	63	74	391	88	78	434	83
Mackerel, King	477	4,064	529	437	3,617	538	578	4,074	589
Mackerel, Spanish	603	4,550	684	540	3,543	640	589	4,138	671
Menhaden, Atlantic	380	4,145	451	419	3,809	511	250	2,385	286
Monkfish	173	757	184	173	812	183	165	694	167
Mullet, Sea	749	8,656	874	783	9,428	951	745	8,768	829
Mullet, Striped	1,230	13,631	1,460	990	10,391	1,247	1,183	12,848	1,330
Oysters	560	7,709	546	521	7,459	556	502	7,568	540
Perch, White	561	8,224	678	530	9,177	709	506	7,027	588
Perch, Yellow	342	4,271	406	374	5,650	477	347	4,776	397
Porgies	108	658	116	202	1,539	235	264	2,604	277
Scallop, Bay	71	341	71	81	441	81	134	1,059	139
Scup	0	0	0	1	1	1	27	38	29
Sea Basses	310	2,315	361	380	3,026	459	423	3,873	454
Seatrout, Spotted	1,159	11,241	1,357	1,291	15,319	1,689	1,147	12,384	1,293
Shad, American	537	5,277	601	463	4,718	507	483	5,098	515
Shad, Gizzard	142	2,476	165	164	2,780	198	153	2,763	172
Shad, Hickory	391	2,625	435	434	3,644	474	430	2,538	459
Sharks	190	1,368	204	174	1,207	196	228	1,293	235
Sharks, Dogfishes	179	1,555	193	180	1,886	197	208	2,049	221
Shellfish, Other	586	4,668	609	542	4,547	589	562	5,802	622
Shrimp	935	18,441	1,138	832	19,821	1,082	692	14,969	795
Snappers	166	1,603	193	200	1,810	232	229	2,050	234
Spadefish	231	1,287	259	298	1,613	377	223	1,154	246
Spot	1,389	13,229	1,569	1,275	12,382	1,598	1,176	11,355	1,339
Striped Bass	698	11,706	847	699	9,097	855	706	6,702	793
Swordfish	25	155	23	30	179	33	30	208	19
Tilefishes	56	425	59	73	582	95	94	621	93
Triggerfishes	151	1,194	175	187	1,503	219	223	1,901	228
Tunas	421	3,201	464	415	3,266	474	444	2,959	449
Wahoo	154	354	158	181	460	194	165	359	150
Weakfish	1,127	13,992	1,306	1,169	17,074	1,526	1,170	16,854	1,327

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

Species	1997			1996			1995		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	270	1,535	280	238	1,345	247	269	1,673	285
Blue Crabs, Hard	2,187	110,754	2,553	2,187	107,379	2,701	2,104	110,218	2,664
Blue Crabs, Peeler	1,070	28,507	1,220	996	21,116	1,143	865	19,522	1,034
Blue Crabs, Soft	609	12,541	703	492	8,596	566	487	8,958	545
Bluefish	1,195	16,520	1,317	1,038	10,996	1,141	1,161	13,898	1,276
Catfishes	800	16,594	897	787	13,668	917	792	14,693	904
Clams, Hard	1,535	45,047	1,559	1,568	43,055	1,652	1,753	50,606	1,877
Croaker, Atlantic	1,358	15,214	1,503	1,311	15,418	1,508	1,432	18,265	1,637
Dolphinfishes	363	1,528	362	340	1,422	352	506	2,430	531
Drum, Red	571	2,440	636	849	4,891	940	1,036	7,496	1,151
Eel, American	109	618	124	108	547	125	108	438	115
Finfish, Other	2,004	27,077	2,227	2,134	27,062	2,432	1,998	25,413	2,222
Flounder, Southern	2,216	46,542	2,553	2,194	40,604	2,589	2,277	45,745	2,708
Flounder, Summer	403	2,768	428	419	2,577	441	480	2,164	469
Groupers	340	3,674	349	328	3,097	365	382	3,918	411
Herring, River	231	2,673	246	265	3,215	282	232	2,912	241
Herring, Thread	1	15	2	1	11	2	4	17	5
Hog Snapper	85	454	95	82	456	94	118	643	138
Mackerel, King	693	5,331	696	553	3,196	593	666	4,675	720
Mackerel, Spanish	784	5,989	875	580	3,959	654	609	4,309	678
Menhaden, Atlantic	309	2,421	323	264	1,640	291	137	964	141
Monkfish	149	725	151	194	909	183	202	751	175
Mullet, Sea	871	11,021	976	830	8,907	940	937	12,495	1,059
Mullet, Striped	1,411	14,363	1,566	1,423	13,961	1,599	1,457	13,819	1,603
Oysters	498	8,130	492	504	8,047	554	582	8,754	625
Perch, White	575	7,045	632	588	7,224	672	517	6,077	578
Perch, Yellow	385	5,013	426	389	4,038	446	330	3,622	357
Porgies	295	2,536	305	305	2,478	332	350	3,017	384
Scallop, Bay	96	674	97	89	446	94	284	2,108	291
Scup	15	21	16	47	95	50	65	124	66
Sea Basses	430	3,993	446	507	3,620	538	525	3,959	576
Seatrout, Spotted	1,217	10,924	1,360	1,210	9,502	1,364	1,548	16,856	1,778
Shad, American	566	5,666	605	614	5,202	640	578	4,312	608
Shad, Gizzard	186	2,556	205	261	3,473	279	198	2,576	212
Shad, Hickory	439	2,701	460	516	3,635	540	427	2,738	445
Sharks	269	1,798	267	292	1,563	285	312	2,156	313
Sharks, Dogfishes	252	2,792	257	290	3,378	294	267	2,608	269
Shellfish, Other	526	5,008	587	620	5,854	688	688	6,785	743
Shrimp	911	20,442	1,057	865	17,084	1,073	1,080	23,890	1,255
Snappers	260	2,207	261	247	1,903	265	289	2,328	310
Spadefish	301	1,907	354	213	1,375	244	236	1,470	270
Spot	1,396	13,762	1,568	1,357	12,334	1,545	1,298	11,468	1,437
Striped Bass	814	8,715	896	612	6,639	655	747	6,540	816
Swordfish	28	171	15	32	198	23	38	222	19
Tilefishes	106	775	103	78	562	75	90	553	99
Triggerfishes	302	2,303	314	253	1,745	270	277	2,071	297
Tunas	553	4,524	550	483	3,228	484	577	4,107	569
Wahoo	178	401	172	189	439	187	281	784	268
Weakfish	1,420	21,235	1,578	1,318	17,653	1,466	1,455	20,565	1,640

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

Species	1994		
	Participants	Trips	Vessels
Amberjack	293	1,653	314
Blue Crabs, Hard	2,008	109,603	2,445
Blue Crabs, Peeler	722	14,181	801
Blue Crabs, Soft	404	7,196	451
Bluefish	1,054	11,045	1,159
Catfishes	763	16,017	876
Clams, Hard	1,686	53,019	1,760
Croaker, Atlantic	1,287	14,349	1,495
Dolphinfishes	403	1,853	452
Drum, Red	804	4,066	893
Eel, American	89	358	98
Finfish, Other	2,003	24,436	2,237
Flounder, Southern	2,196	42,457	2,568
Flounder, Summer	456	3,460	490
Groupers	414	4,506	458
Herring, River	232	3,658	248
Herring, Thread	18	39	18
Hog Snapper	100	520	114
Mackerel, King	712	4,983	767
Mackerel, Spanish	658	4,713	742
Menhaden, Atlantic	125	1,104	137
Monkfish	151	838	152
Mullet, Sea	830	11,088	945
Mullet, Striped	1,366	13,649	1,523
Oysters	549	7,247	563
Perch, White	533	7,404	604
Perch, Yellow	362	4,567	407
Porgies	410	3,560	442
Scallop, Bay	191	788	201
Scup	40	122	45
Sea Basses	583	5,075	648
Seatrout, Spotted	1,399	13,659	1,570
Shad, American	488	4,088	514
Shad, Gizzard	178	2,922	199
Shad, Hickory	351	2,116	356
Sharks	353	2,338	381
Sharks, Dogfishes	212	2,436	219
Shellfish, Other	664	6,063	741
Shrimp	989	21,746	1,229
Snappers	342	2,805	359
Spadefish	192	1,097	218
Spot	1,246	10,897	1,404
Striped Bass	546	3,346	587
Swordfish	19	142	19
Tilefishes	105	547	118
Triggerfishes	317	2,326	348
Tunas	533	4,101	554
Wahoo	192	447	201
Weakfish	1,355	17,414	1,491

Table II.5 Top five species landed by waterbody.

2018			
Waterbody	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).

2018			
Waterbody	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).

2018			
Waterbody	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).

2017			
Waterbody	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).

2017			
Waterbody	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).

2017			
Waterbody	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).

2017			
Waterbody	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
Shalotte 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).

2016			
Waterbody	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).

2016			
Waterbody	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).

2016			
Waterbody	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).

2016			
Waterbody	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).

2015			
Waterbody	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).

2015			
Waterbody	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.5 Top five species landed by waterbody (continued).

2014			
Waterbody	Species	Pounds	Rank
Albemarle Sound	Blue Crabs, Hard	12,611,227	1
	Flounder, Southern	348,299	2
	Blue Crabs, Soft	254,886	3
	Catfishes	208,610	4
	Blue Crabs, Peeler	190,947	5
Alligator River	Blue Crabs, Hard	2,423,736	1
	Blue Crabs, Peeler	50,525	2
	Menhaden, Atlantic	***	3
	Flounder, Southern	***	4
	Perch, White	280	5
Back Bay (VA)	Blue Crabs, Hard	***	1
Bay River	Blue Crabs, Hard	108,129	1
	Mullet, Striped	78,156	2
	Seatrout, Spotted	39,947	3
	Spot	22,936	4
	Flounder, Southern	14,061	5
Bogue Sound	Blue Crabs, Hard	141,611	1
	Mullet, Striped	96,641	2
	Menhaden, Atlantic	27,237	3
	Flounder, Southern	24,325	4
	Clams, Hard	23,665	5
Cape Fear River	Blue Crabs, Hard	395,318	1
	Shad, American	46,148	2
	Shrimp, White	28,453	3
	Mullet, Striped	21,784	4
	Flounder, Southern	18,823	5
Chowan River	Catfishes	243,666	1
	Shad, Gizzard	87,431	2
	Perch, White	8,805	3
	Blue Crabs, Hard	***	4
	Striped Bass	2,665	5
Core Sound	Blue Crabs, Hard	262,803	1
	Mullet, Striped	193,032	2
	Menhaden, Atlantic	187,539	3
	Flounder, Southern	177,344	4
	Spot	173,254	5
Croatan Sound	Blue Crabs, Hard	907,862	1
	Mullet, Striped	124,027	2
	Flounder, Southern	66,513	3
	Menhaden, Atlantic	60,394	4
	Blue Crabs, Peeler	57,600	5

*** indicates confidential data

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

2014			
Waterbody	Species	Pounds	Rank
Currituck Sound	Blue Crabs, Hard	2,256,268	1
	Flounder, Southern	94,070	2
	Blue Crabs, Peeler	48,412	3
	Catfishes	28,309	4
	Perch, White	19,655	5
Inland Waterway (Brunswick)	Blue Crabs, Hard	87,782	1
	Shrimp, White	8,675	2
	Spot	7,047	3
	Flounder, Southern	6,205	4
	Mullet, Striped	4,780	5
Inland Waterway (Onslow)	Blue Crabs, Hard	***	1
	Clams, Hard	22,514	2
	Shrimp, Brown	12,019	3
	Oysters	5,338	4
	Shrimp, White	4,586	5
Lockwood's Folly River	Oysters	25,257	1
	Blue Crabs, Hard	4,093	2
	Clams, Hard	1,898	3
	Flounder, Southern	1,613	4
	Seatrout, Spotted	1,140	5
Masonboro Sound	Blue Crabs, Hard	130,379	1
	Oysters	34,287	2
	Flounder, Southern	28,876	3
	Spot	13,345	4
	Mullet, Striped	9,417	5
Neuse River	Blue Crabs, Hard	530,177	1
	Mullet, Striped	139,967	2
	Shrimp, Brown	93,543	3
	Menhaden, Atlantic	47,229	4
	Seatrout, Spotted	29,464	5
New River	Clams, Hard	256,897	1
	Blue Crabs, Hard	169,139	2
	Mullet, Striped	93,906	3
	Shrimp, White	50,479	4
	Shrimp, Brown	35,499	5
Newport River	Blue Crabs, Hard	96,103	1
	Shrimp, Brown	68,707	2
	Mullet, Striped	55,852	3
	Oysters	34,307	4
	Clams, Hard	24,641	5
North River/Back Sound	Blue Crabs, Hard	40,714	1
	Shrimp, White	13,399	2
	Oysters	11,433	3
	Clams, Hard	10,522	4
	Shrimp, Brown	6,147	5

*** indicates confidential data

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

2014			
Waterbody	Species	Pounds	Rank
Ocean 0-3 mi, N of Cape Hatteras	Sharks, Dogfishes	1,284,974	1
	Bluefish	313,646	2
	Croaker, Atlantic	271,799	3
	Sharks	106,438	4
	Mackerel, Spanish	42,033	5
Ocean 0-3 mi, S of Cape Hatteras	Sharks, Dogfishes	3,982,893	1
	Kingfishes	733,170	2
	Shrimp, White	579,566	3
	Mullet, Striped	428,268	4
	Sharks	366,104	5
Ocean >3 mi, N of Cape Hatteras	Flounder, Summer	2,858,421	1
	Croaker, Atlantic	2,098,775	2
	Bluefish	1,049,420	3
	Tunas	1,019,030	4
	Sharks	319,973	5
Ocean >3 mi, S of Cape Hatteras	Sharks, Dogfishes	633,882	1
	Tunas	542,763	2
	Swordfish	524,595	3
	Mackerel, King	439,076	4
	Sea Basses	316,582	5
Pamlico River	Blue Crabs, Hard	1,158,355	1
	Mullet, Striped	53,434	2
	Flounder, Southern	44,118	3
	Menhaden, Atlantic	41,122	4
	Spot	17,374	5
Pamlico Sound	Shrimp, Brown	2,907,136	1
	Blue Crabs, Hard	1,901,615	2
	Flounder, Southern	725,013	3
	Shrimp, White	438,425	4
	Bluefish	346,920	5
Pasquotank River	Blue Crabs, Hard	956,459	1
	Blue Crabs, Soft	***	2
	Flounder, Southern	***	3
	Catfishes	***	4
	Perch, White	***	5
Perquimans River	Blue Crabs, Hard	64,467	1
	Perch, Yellow	9,311	2
	Catfishes	5,655	3
	Shad, American	***	4
	Mullet, Striped	5,198	5
Pungo River	Blue Crabs, Hard	300,560	1
	Menhaden, Atlantic	7,971	2
	Seatrout, Spotted	4,378	3
	Blue Crabs, Peeler	3,883	4
	Mullet, Striped	2,419	5

*** indicates confidential data

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

2014			
Waterbody	Species	Pounds	Rank
Roanoke River	Catfishes	***	1
Roanoke Sound	Blue Crabs, Hard	298,311	1
	Mullet, Striped	36,847	2
	Blue Crabs, Soft	30,076	3
	Menhaden, Atlantic	22,017	4
	Flounder, Southern	20,045	5
Shallotte River	Oysters	14,812	1
	Blue Crabs, Hard	9,635	2
	Clams, Hard	5,528	3
	Seatrout, Spotted	3,926	4
	Flounder, Southern	1,151	5
Stump Sound	Blue Crabs, Hard	77,048	1
	Oysters	29,616	2
	Clams, Hard	11,426	3
	Flounder, Southern	6,223	4
	Shrimp, White	4,210	5
Topsail Sound	Blue Crabs, Hard	213,158	1
	Oysters	112,941	2
	Spot	46,025	3
	Mullet, Striped	29,839	4
	Clams, Hard	16,413	5
White Oak River	Blue Crabs, Hard	64,348	1
	Mullet, Striped	18,438	2
	Shrimp, White	***	3
	Seatrout, Spotted	4,821	4
	Shrimp, Brown	***	5

*** indicates confidential data

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

Year	Pounds Meat	Bushels¹	Value
2018	632,454	119,557	\$3,897,568
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
1960	1,216,200	288,884	\$560,442

¹ 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 ¹	Value
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

¹ 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.

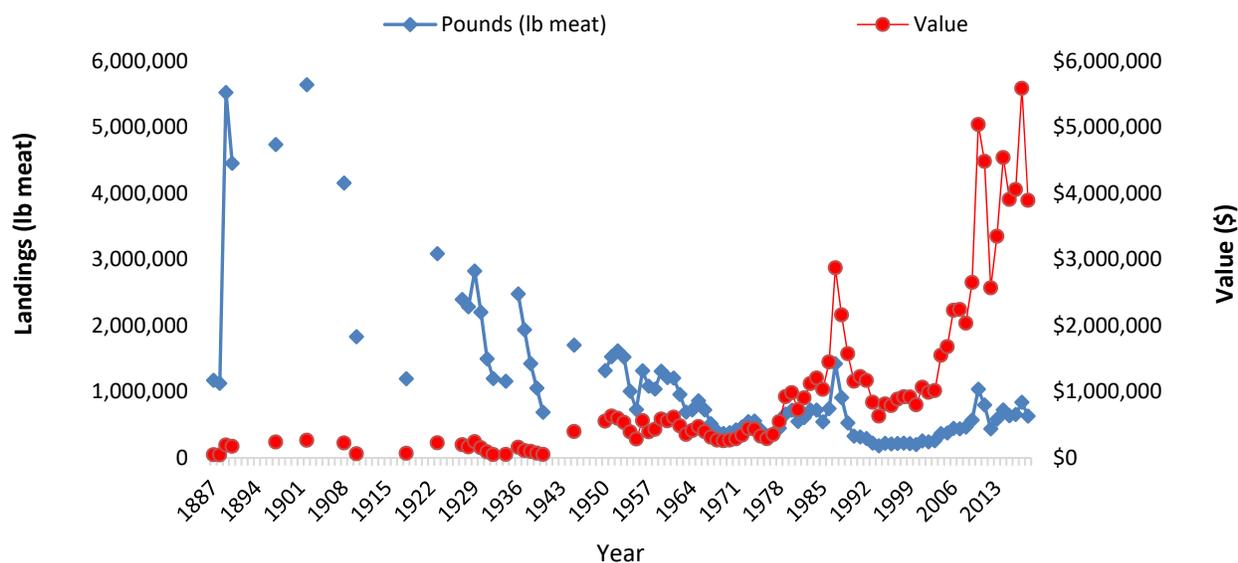


Figure II.3 Commercial oyster landings and ex-vessel value.

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. Gears¹	Total
2018	14,276	618,178	632,454
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
1968	114,100	288,500	402,600

*** indicates confidential data; ¹ 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 ¹	Total
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

¹ Confidential dredge data were added to “Tongs, Rakes, By hand, Misc. Gears”.

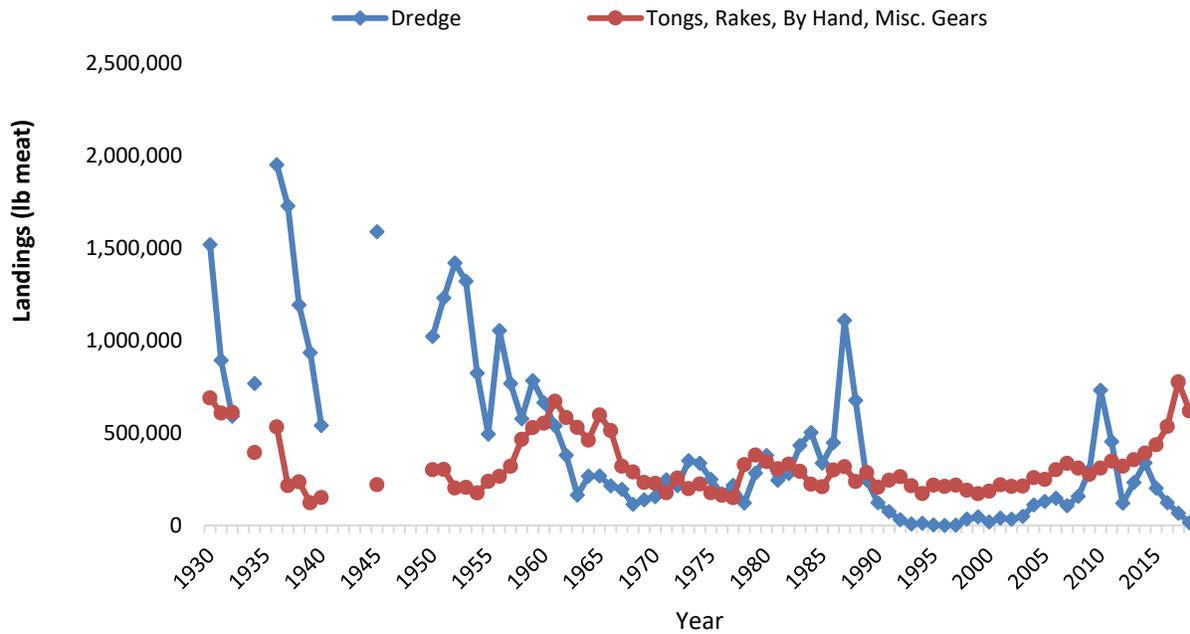


Figure II.4 Commercial oyster landings by gear type.

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

County	2018		2017		2016	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	2,096,939	\$2,307,721	2,489,730	\$2,636,031	3,404,104	\$3,224,480
Bertie	***	***	***	***	***	***
Brunswick	1,115,644	\$3,283,960	1,652,361	\$4,569,507	1,678,949	\$4,547,730
Camden	2,362,967	\$2,735,193	2,915,990	\$3,877,037	3,371,202	\$3,696,546
Carteret	6,740,725	\$16,590,369	8,677,532	\$20,655,575	8,000,948	\$18,222,000
Chowan	792,796	\$299,936	735,952	\$304,320	685,110	\$237,713
Craven	391,364	\$633,208	327,522	\$448,935	391,497	\$518,613
Currituck	1,344,051	\$1,571,343	1,416,051	\$1,699,968	1,542,398	\$1,677,367
Dare	12,614,885	\$19,274,023	14,138,093	\$23,682,665	16,100,336	\$21,280,666
Hertford	***	***	***	***	***	***
Hyde	6,383,321	\$10,815,091	7,313,115	\$12,811,250	7,856,865	\$12,860,060
Inland Counties	69,263	\$209,776	99,863	\$302,328	106,314	\$294,477
New Hanover	1,049,704	\$2,317,677	1,265,883	\$2,725,378	1,256,984	\$2,418,849
Onslow	1,459,550	\$3,580,128	2,315,270	\$5,792,909	2,562,771	\$6,558,833
Pamlico	3,726,906	\$8,051,828	4,260,731	\$9,836,132	4,405,708	\$10,561,218
Pasquotank	672,629	\$797,936	893,032	\$1,161,145	1,552,129	\$1,631,780
Pender	603,266	\$1,323,281	838,924	\$1,902,681	889,751	\$1,801,438
Perquimans	1,612,047	\$1,922,785	1,570,223	\$1,770,108	1,388,517	\$1,632,778
Tyrrell	2,684,793	\$2,149,152	3,430,334	\$2,397,800	4,714,422	\$2,928,358
Washington	0	\$0	0	\$0	***	***

County	2015		2014		2013	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	4,495,364	\$4,932,428	3,249,440	\$4,403,721	2,159,564	\$3,237,300
Bertie	***	***	***	***	***	***
Brunswick	1,284,680	\$3,219,740	1,114,616	\$2,914,721	1,251,966	\$3,252,513
Camden	5,446,271	\$5,343,108	4,629,560	\$6,087,926	4,096,032	\$5,870,240
Carteret	8,660,735	\$18,305,211	7,299,214	\$14,583,443	6,381,791	\$11,662,006
Chowan	591,584	\$219,963	446,182	\$199,679	546,029	\$287,406
Craven	499,205	\$712,684	389,014	\$608,256	443,793	\$608,423
Currituck	1,914,901	\$2,196,555	2,079,441	\$2,944,797	1,565,378	\$2,300,567
Dare	18,184,210	\$20,975,655	22,252,532	\$26,596,445	16,100,995	\$21,313,461
Hertford	15,305	\$7,175	***	***	***	***
Hyde	6,752,810	\$10,980,166	5,239,588	\$10,352,880	4,144,541	\$7,376,227
Inland Counties	148,338	\$317,743	169,092	\$346,563	129,195	\$260,536
New Hanover	1,071,363	\$2,093,511	1,252,362	\$2,386,070	1,198,839	\$2,351,012
Onslow	1,813,721	\$6,019,544	1,706,415	\$4,639,413	1,747,666	\$4,560,542
Pamlico	4,042,892	\$8,478,567	2,513,620	\$6,465,954	1,861,628	\$4,497,168
Pasquotank	1,923,425	\$2,028,290	1,990,180	\$2,664,870	1,716,990	\$2,638,161
Pender	891,802	\$1,724,204	830,158	\$1,611,802	848,278	\$1,592,380
Perquimans	1,738,222	\$2,226,655	1,693,013	\$2,560,722	1,586,832	\$2,558,658
Tyrrell	6,427,149	\$4,922,453	5,072,978	\$4,727,104	4,397,899	\$4,724,874
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	2012		2011		2010	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	3,330,657	\$3,079,367	5,023,479	\$4,152,472	4,823,056	\$4,644,690
Bertie	***	***	38,388	\$10,280	***	***
Brunswick	1,244,761	\$2,767,192	1,335,968	\$2,785,066	1,595,752	\$3,181,141
Camden	4,322,362	\$4,330,807	4,150,476	\$3,131,750	3,645,964	\$3,189,118
Carteret	6,503,697	\$11,227,322	5,350,625	\$8,272,170	6,063,962	\$9,239,847
Chowan	574,843	\$335,009	413,085	\$239,763	451,643	\$389,701
Craven	593,407	\$608,674	717,493	\$807,931	614,054	\$729,869
Currituck	1,945,318	\$1,965,199	1,603,352	\$1,380,009	1,814,522	\$1,803,842
Dare	16,751,090	\$21,073,926	24,599,293	\$22,467,509	25,613,593	\$22,016,773
Hertford	***	***	***	***	13,462	\$8,808
Hyde	6,918,532	\$7,978,893	9,032,314	\$9,429,867	9,231,578	\$10,595,714
Inland Counties	122,044	\$228,199	134,794	\$226,572	84,991	\$180,209
New Hanover	1,441,653	\$2,389,181	1,460,422	\$2,371,088	1,475,560	\$2,272,778
Onslow	2,017,616	\$4,583,456	1,820,271	\$3,895,819	2,015,763	\$4,447,869
Pamlico	2,765,390	\$4,620,865	3,539,844	\$6,477,985	4,410,038	\$8,425,325
Pasquotank	1,423,397	\$1,603,366	1,652,881	\$1,206,310	1,829,314	\$1,696,429
Pender	814,900	\$1,419,408	840,520	\$1,417,835	840,187	\$1,354,707
Perquimans	1,433,640	\$1,686,005	1,242,962	\$964,818	2,177,957	\$2,017,789
Tyrrell	4,454,024	\$2,650,899	4,536,197	\$1,943,304	4,726,778	\$3,320,459
Washington	***	***	0	\$0	***	***

County	2009		2008		2007	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	3,837,501	\$3,474,466	4,580,352	\$4,099,403	3,642,129	\$3,465,846
Bertie	***	***	***	***	***	***
Brunswick	1,889,848	\$3,539,845	1,933,433	\$4,160,604	1,985,451	\$3,839,006
Camden	3,832,549	\$4,104,569	4,245,487	\$3,647,911	2,973,324	\$3,032,980
Carteret	5,576,263	\$9,542,039	6,026,421	\$11,225,438	6,577,089	\$11,751,794
Chowan	765,565	\$657,421	1,024,048	\$896,818	771,057	\$631,346
Craven	515,899	\$523,024	579,851	\$604,878	417,932	\$429,187
Currituck	2,738,120	\$3,085,818	2,506,118	\$2,405,503	1,982,875	\$2,247,667
Dare	25,447,498	\$21,932,021	22,712,673	\$23,004,813	22,379,838	\$23,135,374
Hertford	***	***	***	***	***	***
Hyde	7,008,594	\$8,119,846	8,692,564	\$10,825,856	6,388,500	\$9,967,358
Inland Counties	101,192	\$165,871	70,474	\$141,116	69,709	\$172,522
New Hanover	1,463,768	\$2,127,668	1,723,248	\$2,492,705	1,575,024	\$2,661,608
Onslow	2,028,589	\$3,952,355	2,623,174	\$6,108,333	2,548,886	\$5,539,328
Pamlico	3,559,703	\$6,240,605	4,566,908	\$7,679,743	4,838,538	\$8,191,869
Pasquotank	1,781,300	\$1,808,029	1,499,484	\$1,452,721	766,193	\$1,053,125
Pender	825,585	\$1,070,019	697,483	\$997,519	693,528	\$1,080,950
Perquimans	2,161,602	\$2,405,460	1,867,846	\$2,026,609	1,147,958	\$1,452,648
Tyrrell	4,526,443	\$3,709,536	4,569,584	\$3,763,164	3,059,919	\$2,469,638
Washington	874,490	\$720,229	1,248,633	\$1,256,436	1,025,286	\$1,143,071

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

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

County	2006		2005		2004	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	4,613,054	\$3,072,633	4,733,634	\$3,499,329	5,218,169	\$3,671,694
Bertie	***	***	***	***	28,383	\$11,075
Brunswick	2,292,395	\$3,880,894	2,029,644	\$3,387,538	2,411,413	\$3,792,502
Camden	2,054,055	\$1,496,357	2,092,856	\$1,666,401	2,072,470	\$1,834,027
Carteret	6,690,483	\$10,542,779	19,297,720	\$11,424,679	61,071,095	\$19,414,006
Chowan	683,120	\$432,011	724,349	\$374,744	609,001	\$301,324
Craven	712,691	\$477,929	699,967	\$533,625	807,392	\$515,457
Currituck	1,508,778	\$1,241,688	1,313,922	\$1,237,746	2,097,390	\$1,643,460
Dare	26,592,842	\$22,810,417	27,042,154	\$20,870,848	31,185,781	\$20,518,707
Hertford	***	***	***	***	***	***
Hyde	6,618,692	\$7,406,151	7,365,279	\$6,158,221	9,230,668	\$7,875,959
Inland Counties	79,031	\$148,578	83,009	\$126,520	126,656	\$158,729
New Hanover	1,709,296	\$2,325,840	1,381,366	\$1,984,655	1,725,600	\$2,224,553
Onslow	2,549,223	\$5,060,883	1,517,949	\$3,681,584	2,333,216	\$4,609,788
Pamlico	4,149,317	\$4,998,079	5,048,666	\$5,321,618	7,035,847	\$7,219,044
Pasquotank	782,475	\$843,482	1,057,464	\$954,930	1,897,746	\$1,541,135
Pender	632,104	\$751,226	624,065	\$565,453	554,400	\$620,866
Perquimans	1,669,396	\$1,452,089	1,063,408	\$927,389	1,318,462	\$1,153,182
Tyrrell	4,097,877	\$2,190,365	2,923,396	\$1,618,754	3,282,247	\$1,848,597
Washington	1,254,764	\$913,557	563,723	\$522,475	1,057,670	\$735,924

County	2003		2002		2001	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	6,247,212	\$5,290,595	6,409,978	\$5,702,674	4,776,900	\$4,907,553
Bertie	21,820	\$11,566	85,522	\$34,711	74,534	\$29,393
Brunswick	2,234,861	\$3,460,757	2,179,439	\$3,305,267	2,410,822	\$3,694,046
Camden	3,654,632	\$4,102,430	2,417,663	\$2,927,849	2,308,912	\$2,689,077
Carteret	59,161,337	\$18,759,619	82,063,534	\$19,750,593	66,193,598	\$18,800,443
Chowan	874,079	\$483,472	942,148	\$449,909	1,036,071	\$440,313
Craven	963,336	\$751,616	873,648	\$740,739	755,321	\$628,082
Currituck	2,014,165	\$2,151,322	3,320,548	\$3,614,111	2,054,782	\$2,050,575
Dare	32,531,807	\$20,075,541	28,885,154	\$23,012,023	31,515,245	\$24,829,692
Hertford	***	***	***	***	***	***
Hyde	10,576,504	\$8,823,278	10,647,958	\$9,540,281	9,100,236	\$8,211,135
Inland Counties	194,842	\$196,034	188,870	\$189,218	151,976	\$156,696
New Hanover	1,811,094	\$2,677,715	1,763,671	\$2,556,967	1,651,734	\$2,371,855
Onslow	2,933,792	\$5,291,573	2,929,750	\$5,501,681	2,766,666	\$5,434,469
Pamlico	5,517,436	\$5,800,535	5,826,838	\$7,021,721	4,943,147	\$6,448,001
Pasquotank	3,239,107	\$3,006,559	3,341,211	\$2,996,952	1,979,675	\$2,093,436
Pender	610,732	\$730,963	549,404	\$747,503	550,113	\$817,866
Perquimans	1,758,319	\$1,524,524	2,369,701	\$2,374,948	1,623,054	\$1,704,309
Tyrrell	4,259,950	\$3,339,298	3,966,659	\$3,092,913	3,032,481	\$2,612,295
Washington	781,818	\$622,457	1,351,769	\$1,170,404	200,844	\$209,883

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

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

County	2000		1999		1998	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	7,394,790	\$7,156,475	10,820,570	\$7,370,878	10,104,914	\$8,015,017
Bertie	109,037	\$46,188	147,642	\$62,508	***	***
Brunswick	2,600,902	\$4,294,369	2,946,186	\$5,300,956	2,996,541	\$4,845,754
Camden	2,768,148	\$3,330,128	2,023,684	\$1,527,574	1,690,689	\$1,532,161
Carteret	69,003,786	\$20,757,599	57,126,849	\$19,451,867	81,009,440	\$21,377,411
Chowan	1,566,293	\$697,358	1,394,165	\$685,536	1,801,899	\$918,753
Craven	669,274	\$548,526	877,582	\$644,186	836,710	\$624,378
Currituck	2,074,254	\$2,021,142	2,372,177	\$1,698,542	2,145,108	\$1,867,611
Dare	33,330,693	\$26,351,359	33,693,109	\$22,667,632	36,570,105	\$23,468,050
Hertford	28,013	\$11,379	60,776	\$23,118	60,557	\$22,062
Hyde	11,985,385	\$12,705,953	15,653,575	\$12,656,679	16,122,447	\$10,943,463
Inland Counties	138,331	\$166,904	156,224	\$153,747	143,898	\$138,645
New Hanover	1,735,017	\$2,490,520	2,060,133	\$2,883,016	2,033,257	\$2,876,083
Onslow	3,014,737	\$6,429,094	2,679,239	\$5,669,808	2,664,600	\$5,217,762
Pamlico	8,754,679	\$12,476,980	11,050,890	\$10,683,368	10,471,211	\$9,252,962
Pasquotank	2,279,306	\$2,420,605	2,563,545	\$1,940,050	3,824,416	\$3,500,197
Pender	586,962	\$876,031	663,516	\$833,652	544,388	\$792,659
Perquimans	1,718,345	\$1,804,635	2,273,449	\$1,938,768	1,911,045	\$1,819,887
Tyrrell	3,760,970	\$3,068,124	4,427,709	\$2,875,156	4,750,585	\$3,329,741
Washington	701,177	\$661,440	751,025	\$613,989	434,161	\$404,801

County	1997		1996		1995	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	11,730,954	\$8,272,671	13,854,084	\$9,773,318	9,905,250	\$8,658,047
Bertie	***	***	***	***	***	***
Brunswick	2,785,412	\$4,604,358	2,784,278	\$4,593,194	3,707,410	\$5,326,154
Camden	1,357,224	\$928,689	1,040,711	\$721,420	209,842	\$239,536
Carteret	128,823,406	\$29,062,208	75,236,806	\$23,131,639	80,532,098	\$24,906,882
Chowan	1,612,346	\$866,035	2,045,417	\$1,052,106	1,610,296	\$802,703
Craven	751,578	\$604,430	962,425	\$719,359	504,012	\$504,291
Currituck	2,109,005	\$1,697,383	2,610,442	\$1,861,066	2,684,864	\$1,940,097
Dare	37,965,834	\$24,148,242	43,053,067	\$23,479,611	38,983,539	\$27,251,217
Hertford	17,232	\$8,345	97,697	\$24,685	53,148	\$13,921
Hyde	14,831,012	\$11,461,200	15,051,299	\$9,753,964	10,980,132	\$9,682,914
Inland Counties	78,368	\$106,035	234,585	\$259,947	137,797	\$158,713
New Hanover	2,224,068	\$3,167,476	1,804,819	\$2,645,396	2,218,600	\$3,218,894
Onslow	2,522,319	\$5,122,150	2,388,049	\$4,444,469	3,031,491	\$4,969,275
Pamlico	12,829,209	\$11,800,957	13,460,405	\$11,832,468	8,543,045	\$10,886,663
Pasquotank	2,471,794	\$2,188,552	6,043,775	\$4,610,342	6,191,765	\$5,471,849
Pender	596,240	\$776,830	561,248	\$689,318	683,842	\$800,128
Perquimans	1,239,824	\$1,127,763	1,859,839	\$1,310,008	1,168,039	\$1,070,720
Tyrrell	4,031,660	\$2,543,786	7,173,036	\$4,091,821	4,497,879	\$3,402,560
Washington	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	1994		1993		1992	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	10,076,108	\$6,442,223	4,918,238	\$2,272,079	2,108,611	\$1,170,303
Bertie	177,297	\$153,594	173,364	\$21,002	157,714	\$18,623
Brunswick	2,976,168	\$4,497,336	2,396,479	\$3,567,143	2,295,970	\$3,505,909
Camden	5,898	\$5,244	90,788	\$45,678	506,431	\$132,779
Carteret	96,559,262	\$20,535,216	89,947,140	\$18,309,071	78,968,484	\$16,506,222
Chowan	2,328,338	\$922,836	2,434,738	\$510,823	3,858,334	\$779,232
Craven	635,902	\$503,097	581,414	\$311,401	597,943	\$293,949
Currituck	2,001,798	\$1,013,343	1,295,049	\$476,743	1,995,809	\$553,806
Dare	38,183,420	\$21,336,701	34,035,050	\$14,040,502	29,904,877	\$13,008,123
Hertford	61,806	\$10,182	9,180	\$2,151	154,549	\$15,458
Hyde	13,586,291	\$10,639,438	12,189,360	\$6,131,467	11,970,320	\$6,089,075
Inland Counties	120,116	\$129,309	51,500	\$49,175	27,700	\$20,330
New Hanover	2,365,571	\$3,073,359	1,954,103	\$2,847,124	1,751,694	\$2,520,307
Onslow	2,791,546	\$4,201,379	3,506,305	\$4,388,078	2,722,744	\$2,809,277
Pamlico	9,217,487	\$9,960,997	5,705,948	\$4,932,715	7,081,927	\$5,946,775
Pasquotank	6,522,378	\$4,400,584	6,780,917	\$3,237,332	6,967,831	\$2,688,331
Pender	637,684	\$737,368	1,483,311	\$1,873,426	1,006,837	\$1,176,446
Perquimans	214,815	\$135,216	8,996	\$2,112	-	\$0
Tyrrell	4,402,877	\$2,515,137	2,887,573	\$1,472,192	2,064,389	\$759,571
Washington	47,564	\$57,993	248,023	\$113,578	287,657	\$30,128

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

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

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

County	1985		1984		1983	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	5,309,486	\$2,776,841	6,260,734	\$2,109,096	4,729,171	\$1,944,485
Bertie	1,605,101	\$166,555	1,002,168	\$108,705	1,085,024	\$115,925
Brunswick	1,854,634	\$2,435,251	12,405,410	\$4,248,812	46,484,504	\$5,647,185
Camden	11,199	\$2,086	0	\$0	69,637	\$45,196
Carteret	133,175,357	\$22,707,433	185,268,781	\$21,299,023	167,199,484	\$21,620,473
Chowan	9,622,835	\$991,933	5,280,668	\$666,081	4,911,080	\$519,941
Craven	857,433	\$342,586	558,570	\$204,978	485,140	\$268,372
Currituck	899,559	\$190,117	665,361	\$178,999	1,493,431	\$371,745
Dare	27,389,079	\$13,308,344	28,054,470	\$10,845,759	27,018,184	\$9,387,301
Hertford	1,211,850	\$75,179	258,448	\$25,597	256,147	\$25,484
Hyde	7,479,009	\$4,470,615	10,121,620	\$3,286,808	9,190,366	\$3,632,096
Inland Counties	105,834	\$16,968	189,477	\$47,103	142,435	\$48,259
New Hanover	1,039,237	\$1,173,873	1,601,163	\$1,869,010	1,551,832	\$1,610,953
Onslow	3,039,006	\$2,905,366	2,829,568	\$3,217,880	2,995,544	\$3,005,742
Pamlico	15,301,487	\$11,082,686	17,564,259	\$7,112,074	14,022,233	\$7,134,653
Pasquotank	2,264,278	\$507,090	900,456	\$253,382	2,735,308	\$657,014
Pender	838,861	\$843,139	936,242	\$1,073,338	729,642	\$808,587
Perquimans	465,506	\$91,857	287,355	\$69,974	168,828	\$30,444
Tyrrell	1,731,373	\$442,711	1,503,822	\$455,028	1,637,102	\$455,471
Washington	672,964	\$62,236	1,480,419	\$191,421	827,738	\$95,659

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

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

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

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

County	1976		1975		1974	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	5,964,262	\$2,202,949	3,802,110	\$916,736	3,437,377	\$733,580
Bertie	2,214,413	\$118,241	1,540,042	\$64,246	902,347	\$41,339
Brunswick	74,949,763	\$3,415,740	86,944,826	\$2,764,349	44,906,656	\$1,884,041
Camden	0	\$0	0	\$0	0	\$0
Carteret	93,212,768	\$9,329,389	100,941,760	\$7,062,131	110,276,372	\$7,536,820
Chowan	5,377,678	\$475,161	5,475,228	\$412,675	6,985,110	\$491,881
Craven	25,979	\$6,278	14,070	\$3,619	27,100	\$4,805
Currituck	530,085	\$119,870	262,416	\$105,497	430,458	\$103,398
Dare	20,122,591	\$5,017,852	15,951,759	\$3,285,932	13,905,356	\$2,480,926
Hertford	0	\$0	0	\$0	0	\$0
Hyde	2,875,720	\$938,959	3,203,818	\$769,914	3,663,667	\$924,528
Icounty ¹	124,692	\$20,887	227,034	\$21,017	142,277	\$12,552
New Hanover	671,916	\$316,605	749,810	\$322,226	882,617	\$323,435
Onslow	1,676,625	\$976,509	1,752,615	\$842,229	1,548,851	\$660,758
Pamlico	10,830,259	\$3,954,003	9,164,029	\$2,536,257	7,281,038	\$1,864,885
Pasquotank	453,397	\$127,018	196,068	\$54,725	298,423	\$56,017
Pender	101,088	\$65,738	107,758	\$60,213	214,553	\$46,727
Perquimans	0	\$0	0	\$0	0	\$0
Tyrrell	748,719	\$200,422	765,776	\$143,105	778,441	\$92,719
Washington	597,280	\$123,663	604,372	\$87,806	368,559	\$66,026

County	1973		1972	
	Pounds	Value	Pounds	Value
Beaufort	2,971,873	\$773,498	2,790,289	\$589,440
Bertie	1,998,488	\$67,107	3,011,901	\$59,270
Brunswick	40,568,944	\$2,566,849	60,075,470	\$1,602,702
Camden	0	\$0	0	\$0
Carteret	54,932,175	\$6,528,120	72,359,105	\$4,958,032
Chowan	7,555,810	\$473,071	9,821,572	\$411,212
Craven	28,126	\$4,943	15,995	\$2,990
Currituck	87,562	\$15,677	204,695	\$27,460
Dare	11,699,304	\$2,175,304	9,565,406	\$1,505,273
Hertford	0	\$0	0	\$0
Hyde	2,224,540	\$615,937	2,448,435	\$531,414
Icounty ¹	85,240	\$3,274	92,366	\$2,721
New Hanover	558,105	\$251,136	582,616	\$216,322
Onslow	1,536,401	\$701,340	1,487,021	\$522,516
Pamlico	4,439,458	\$1,533,697	3,750,526	\$1,145,027
Pasquotank	186,485	\$28,883	175,220	\$23,695
Pender	180,193	\$36,588	181,998	\$31,199
Perquimans	0	\$0	0	\$0
Tyrrell	1,130,395	\$146,384	1,068,159	\$131,449
Washington	269,563	\$32,824	270,786	\$38,117

Table II.9 Commercial seafood landings by dealer city.

County	Dealer City	2018		2017	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	623,497	\$742,857	765,588	\$842,513
	Bath	638,075	\$640,088	611,254	\$577,587
	Beaufort Other	0	\$0	0	\$0
	Belhaven	407,749	\$436,198	646,079	\$642,637
	Washington	427,618	\$488,578	466,810	\$573,294
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	2,234	\$6,038	3,823	\$10,892
	Calabash	95,826	\$212,646	162,099	\$367,406
	Shalotte	752,042	\$2,287,429	1,119,436	\$3,174,034
	Southport	265,542	\$777,847	367,003	\$1,017,175
Camden	Camden Other	9,969	\$12,287	0	\$0
	Shiloh	2,352,998	\$2,722,907	2,915,990	\$3,877,037
Carteret	Bogue Banks	104,692	\$248,566	92,228	\$201,093
	Carteret Other	438,050	\$801,229	395,671	\$829,012
	Downeast Communities	1,094,010	\$2,094,356	1,505,416	\$3,263,056
	Morehead City/Beaufort	4,943,937	\$13,043,235	6,544,263	\$15,951,459
	Western Carteret	160,036	\$402,984	139,953	\$410,955
Chowan	Chowan Other	792,796	\$299,936	735,952	\$304,320
	Edenton	***	***	***	***
Craven	Craven Other	23,831	\$107,076	2,650	\$4,148
	Havelock	4,886	\$12,876	3,346	\$7,643
	New Bern/Bridgeton	362,647	\$513,256	321,526	\$437,144
Currituck	Central Currituck	91,020	\$101,939	115,136	\$125,775
	Currituck Other	1,680	\$1,984	2,773	\$3,128
	Knotts Island/Corolla	215,116	\$254,406	36,896	\$42,539
	Moyock/Barco	665,111	\$826,557	817,240	\$1,021,496
	Southern Currituck	371,124	\$386,458	444,006	\$507,031
Dare	Bodie Island	102,953	\$192,332	105,344	\$304,118
	Dare Other	1,028,250	\$1,952,554	1,060,454	\$2,238,164
	Hatteras Island	3,535,208	\$3,329,831	2,868,394	\$3,679,550
	Mainland Dare	960,480	\$1,359,983	436,654	\$880,959
	Manteo	144,590	\$353,818	149,074	\$326,831
	Wanchese	6,843,404	\$12,085,504	9,518,172	\$16,253,044
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	2,994,665	\$5,821,504	3,870,246	\$7,611,885
	Hyde Other	2,070	\$8,741	859	\$1,538
	Ocracoke	457,422	\$969,023	428,265	\$855,378
	Swan Quarter	2,929,164	\$4,015,823	3,013,745	\$4,342,449
New Hanover	New Hanover Other	3,127	\$14,818	4,689	\$14,430
	Wilmington Area	1,046,577	\$2,302,859	1,261,194	\$2,710,948
Onslow	Hubert	12,147	\$22,667	19,235	\$36,155
	Jacksonville	71,729	\$107,634	64,737	\$98,636
	Onslow Other	39,079	\$77,197	50,624	\$105,682
	Sneads Ferry	1,174,210	\$2,789,571	1,961,568	\$4,796,742
	Swansboro	162,386	\$583,058	219,104	\$755,694
Pamlico	Arapahoe	50,166	\$91,024	61,567	\$80,419
	Bayboro/Alliance/Grantsboro/Stonewall	51,783	\$155,485	187,704	\$1,019,753
	Hobucken/Lowland	857,346	\$2,366,302	1,274,882	\$3,079,801
	Merritt	395,171	\$358,303	315,826	\$374,338
	Oriental	2,152,888	\$4,676,438	2,113,578	\$4,647,158
	Pamlico Other	219,552	\$404,277	307,175	\$634,664
Pasquotank	Vandemere	***	***	***	***
	Elizabeth City	671,295	\$795,768	893,032	\$1,161,145
	Pasquotank Other	1,334	\$2,168	0	\$0
Pender	Burgaw	46,052	\$117,050	70,921	\$163,874
	Hampstead	479,113	\$977,533	683,390	\$1,545,498
	Pender Other	78,100	\$228,697	84,613	\$193,309

*** indicates confidential data

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

County	Dealer City	2018		2017	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,343,483	\$1,656,269	1,368,750	\$1,573,709
	Perquimans Other	268,564	\$266,516	201,473	\$196,400
Tyrrell	Columbia	2,684,793	\$2,149,152	3,430,334	\$2,397,800
	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, 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	2016		2015	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	956,028	\$843,830	1,070,627	\$1,144,333
	Bath	1,021,248	\$856,214	1,425,673	\$1,492,307
	Beaufort Other	1,087	\$2,593	0	\$0
	Belhaven	866,889	\$887,813	1,499,958	\$1,560,594
	Washington	558,852	\$634,030	499,105	\$735,195
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	9,754	\$28,898	10,642	\$27,811
	Calabash	182,033	\$364,627	160,246	\$291,177
	Shalotte	1,135,391	\$3,183,367	772,879	\$2,018,554
	Southport	351,771	\$970,839	340,912	\$882,198
Camden	Camden Other	0	\$0	0	\$0
	Shiloh	3,371,202	\$3,696,546	5,446,271	\$5,343,108
Carteret	Bogue Banks	98,219	\$178,756	127,035	\$260,413
	Carteret Other	305,864	\$681,231	401,572	\$473,428
	Downeast Communities	1,283,620	\$2,446,829	1,768,330	\$2,946,927
	Morehead City/Beaufort	6,086,306	\$14,486,751	6,160,000	\$14,187,831
	Western Carteret	226,939	\$428,433	203,797	\$436,612
Chowan	Chowan Other	164,413	\$56,092	126,446	\$39,648
	Edenton	520,697	\$181,621	465,138	\$180,315
Craven	Craven Other	2,849	\$4,939	84	\$99
	Havelock	4,965	\$8,115	6,991	\$13,793
	New Bern/Bridgeton	383,683	\$505,559	492,130	\$698,791
Currituck	Central Currituck	149,431	\$182,105	118,586	\$187,910
	Currituck Other	12,337	\$12,399	100	\$55
	Knotts Island/Corolla	136,986	\$160,378	233,071	\$289,739
	Moyock/Barco	912,573	\$973,639	1,073,821	\$1,206,920
	Southern Currituck	331,071	\$348,845	489,323	\$511,932
Dare	Bodie Island	89,847	\$228,875	126,462	\$223,935
	Dare Other	1,439,196	\$2,159,504	1,896,979	\$2,977,912
	Hatteras Island	3,763,315	\$3,285,497	5,246,510	\$3,301,665
	Mainland Dare	190,758	\$413,829	389,129	\$747,078
	Manteo	220,171	\$468,030	232,792	\$399,552
	Wanchese	10,397,049	\$14,724,932	10,292,339	\$13,325,513
Hertford	Hertford Other	***	***	15,305	\$7,175
Hyde	Engelhard	4,124,573	\$7,505,492	3,849,702	\$6,710,760
	Hyde Other	1,178	\$3,159	2,641	\$1,840
	Ocracoke	436,738	\$748,385	413,865	\$678,816
	Swan Quarter	3,294,376	\$4,603,024	2,486,602	\$3,588,750
New Hanover	New Hanover Other	162	\$600	382	\$907
	Wilmington Area	1,256,822	\$2,418,249	1,070,982	\$2,092,604
Onslow	Hubert	22,541	\$21,877	24,519	\$39,876
	Jacksonville	115,211	\$167,838	140,080	\$198,115
	Onslow Other	59,740	\$133,616	46,116	\$146,003
	Sneads Ferry	2,081,619	\$5,244,145	1,313,164	\$3,979,139
	Swansboro	283,660	\$991,357	289,841	\$1,656,411
Pamlico	Arapahoe	62,203	\$101,772	145,861	\$217,539
	Bayboro/Alliance/Grantsboro/Stonewall	343,705	\$655,828	241,892	\$389,483
	Hobucken/Lowland	1,566,816	\$4,691,929	1,306,851	\$3,584,563
	Merritt	386,148	\$425,353	493,403	\$587,868
	Oriental	2,040,637	\$4,664,431	1,821,393	\$3,624,454
	Pamlico Other	6,198	\$21,905	33,491	\$74,659
Pasquotank	Vandemere	***	***	***	***
	Elizabeth City	1,552,129	\$1,631,780	1,923,425	\$2,028,290
	Pasquotank Other	0	\$0	0	\$0
Pender	Burgaw	74,130	\$146,146	58,756	\$112,690
	Hampstead	762,039	\$1,540,385	714,423	\$1,429,563
	Pender Other	53,582	\$114,907	118,624	\$181,952

*** indicates confidential data

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

County	Dealer City	2016		2015	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,299,983	\$1,551,068	1,679,556	\$2,163,946
	Perquimans Other	88,534	\$81,711	58,666	\$62,709
Tyrrell	Columbia	4,714,422	\$2,928,358	6,427,149	\$4,922,453
	Tyrrell Other	0	\$0	0	\$0
Washington	Plymouth	***	***	0	\$0
	Roper	0	\$0	0	\$0
	Washington Other	***	***	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, 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	2014		2013	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	585,264	\$821,104	324,646	\$530,084
	Bath	1,132,495	\$1,337,931	548,580	\$805,535
	Beaufort Other	3,109	\$2,747	94	\$245
	Belhaven	958,599	\$1,268,245	787,338	\$1,148,472
	Washington	569,974	\$973,694	498,906	\$752,963
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	4,255	\$12,510	9,707	\$22,503
	Calabash	143,834	\$306,075	140,305	\$238,713
	Shalotte	651,077	\$1,829,814	814,466	\$2,238,373
	Southport	315,450	\$766,322	287,488	\$752,924
Camden	Camden Other	4,652	\$8,194	0	\$0
	Shiloh	4,624,908	\$6,079,732	4,096,032	\$5,870,240
Carteret	Bogue Banks	103,390	\$246,073	111,169	\$247,557
	Carteret Other	431,756	\$548,828	254,034	\$406,909
	Downeast Communities	1,657,193	\$2,669,937	2,196,024	\$3,168,281
	Morehead City/Beaufort	4,946,775	\$10,721,496	3,618,585	\$7,397,030
	Western Carteret	160,100	\$397,109	201,979	\$442,228
Chowan	Chowan Other	446,182	\$199,679	546,029	\$287,406
	Edenton	***	***	***	***
Craven	Craven Other	932	\$1,778	1,806	\$1,961
	Havelock	4,500	\$6,036	5,196	\$8,003
	New Bern/Bridgeton	383,582	\$600,441	436,791	\$598,459
Currituck	Central Currituck	39,805	\$66,183	***	***
	Currituck Other	1,340	\$1,904	11,114	\$23,396
	Knotts Island/Corolla	385,629	\$586,057	258,755	\$374,721
	Moyock/Barco	1,133,146	\$1,598,166	985,110	\$1,490,116
	Southern Currituck	519,521	\$692,487	310,398	\$412,334
Dare	Bodie Island	151,552	\$242,009	317,774	\$403,565
	Dare Other	1,952,381	\$3,415,819	1,683,216	\$2,890,735
	Hatteras Island	6,958,851	\$4,173,650	4,359,748	\$3,305,273
	Mainland Dare	1,074,634	\$1,752,110	898,472	\$1,321,993
	Manteo	***	***	***	***
	Wanchese	12,115,114	\$17,012,857	8,841,784	\$13,391,895
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	3,304,118	\$6,750,471	2,448,951	\$4,500,433
	Hyde Other	1,049	\$519	4,253	\$3,330
	Ocracoke	412,956	\$726,255	415,293	\$683,567
	Swan Quarter	1,521,465	\$2,875,635	1,276,044	\$2,188,897
New Hanover	New Hanover Other	991	\$3,943	391	\$1,751
	Wilmington Area	1,251,371	\$2,382,127	1,198,448	\$2,349,261
Onslow	Hubert	26,979	\$31,311	41,693	\$67,628
	Jacksonville	132,625	\$198,517	83,825	\$128,030
	Onslow Other	61,063	\$164,986	52,653	\$103,397
	Sneads Ferry	1,198,642	\$2,924,209	1,252,105	\$2,993,766
	Swansboro	287,106	\$1,320,390	317,390	\$1,267,720
Pamlico	Arapahoe	74,163	\$116,931	197,670	\$277,792
	Bayboro/Alliance/Grantsboro/Stonewall	15,860	\$33,965	16,941	\$37,558
	Hobucken/Lowland	1,095,939	\$2,881,051	744,852	\$1,937,021
	Merritt	259,646	\$356,083	158,930	\$278,303
	Oriental	1,035,592	\$2,986,431	737,187	\$1,945,962
	Pamlico Other	32,419	\$91,494	6,048	\$20,533
	Vandemere	***	***	***	***
Pasquotank	Elizabeth City	1,990,180	\$2,664,870	1,716,990	\$2,638,161
	Pasquotank Other	0	\$0	0	\$0
Pender	Burgaw	43,958	\$101,207	54,198	\$117,254
	Hampstead	697,856	\$1,390,648	720,686	\$1,372,333
	Pender Other	88,344	\$119,946	73,394	\$102,793

*** indicates confidential data

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

County	Dealer City	2014		2013	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,630,684	\$2,467,245	1,511,790	\$2,442,287
	Perquimans Other	62,329	\$93,478	75,042	\$116,370
Tyrrell	Columbia	5,072,978	\$4,727,104	4,397,899	\$4,724,874
	Tyrrell Other	0	\$0	0	\$0
Washington	Plymouth	0	\$0	0	\$0
	Roper	0	\$0	***	***
	Washington Other	0	\$0	521	\$1,325

*** 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	2012		2011	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	689,029	\$573,580	771,484	\$563,476
	Bath	826,649	\$779,859	1,589,529	\$1,143,281
	Beaufort Other	14	\$32	0	\$0
	Belhaven	1,272,695	\$1,252,065	1,924,205	\$1,754,857
	Washington	542,270	\$473,831	738,262	\$690,858
Bertie	Bertie Other	***	***	38,388	\$10,280
Brunswick	Brunswick Other	7,335	\$15,464	14,611	\$28,074
	Calabash	209,507	\$280,435	230,772	\$268,726
	Shalotte	606,319	\$1,450,940	677,731	\$1,517,097
	Southport	421,600	\$1,020,352	412,853	\$971,169
Camden	Camden Other	0	\$0	0	\$0
	Shiloh	4,322,362	\$4,330,807	4,150,476	\$3,131,750
Carteret	Bogue Banks	147,680	\$297,365	132,752	\$285,396
	Carteret Other	221,295	\$430,488	294,455	\$468,801
	Downeast Communities	2,438,796	\$2,740,368	2,653,911	\$2,389,756
	Morehead City/Beaufort	3,408,274	\$7,342,879	2,057,254	\$4,661,920
	Western Carteret	287,651	\$416,223	212,253	\$466,297
Chowan	Chowan Other	574,843	\$335,009	92,770	\$37,019
	Edenton	***	***	320,315	\$202,745
Craven	Craven Other	372	\$467	2,022	\$1,622
	Havelock	10,670	\$12,012	25,173	\$27,093
	New Bern/Bridgeton	582,365	\$596,195	690,299	\$779,217
Currituck	Central Currituck	***	***	49,018	\$87,694
	Currituck Other	9,067	\$10,711	3,128	\$1,553
	Knotts Island/Corolla	543,732	\$601,664	407,554	\$322,883
	Moyock/Barco	962,149	\$985,413	804,995	\$675,089
	Southern Currituck	430,371	\$367,411	338,657	\$292,790
Dare	Bodie Island	347,445	\$328,806	678,465	\$474,756
	Dare Other	1,622,344	\$1,748,254	1,921,033	\$2,114,166
	Hatteras Island	4,092,334	\$3,475,569	6,473,758	\$4,494,679
	Mainland Dare	344,568	\$341,565	190,239	\$218,334
	Manteo	105,586	\$310,578	77,812	\$216,632
	Wanchese	10,238,812	\$14,869,154	15,257,987	\$14,948,942
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	3,774,978	\$4,742,988	5,637,720	\$5,867,636
	Hyde Other	28,142	\$78,005	7,229	\$16,321
	Ocracoke	587,328	\$643,228	681,495	\$540,839
	Swan Quarter	2,528,084	\$2,514,672	2,705,870	\$3,005,071
New Hanover	New Hanover Other	172	\$649	2,007	\$4,990
	Wilmington Area	1,441,481	\$2,388,532	1,458,416	\$2,366,099
Onslow	Hubert	34,055	\$49,711	30,521	\$28,685
	Jacksonville	115,202	\$147,586	120,582	\$142,522
	Onslow Other	53,297	\$102,574	105,218	\$189,516
	Sneads Ferry	1,426,683	\$2,953,774	1,254,961	\$2,415,982
	Swansboro	388,379	\$1,329,810	308,989	\$1,119,113
Pamlico	Arapahoe	320,616	\$289,059	240,241	\$228,456
	Bayboro/Alliance/Grantsboro/Stonewall	41,012	\$47,431	407,334	\$393,833
	Hobucken/Lowland	803,016	\$1,469,109	967,804	\$2,260,696
	Merritt	422,977	\$404,632	363,437	\$347,387
	Oriental	1,047,626	\$2,298,058	1,401,677	\$3,062,793
	Pamlico Other	16,520	\$8,817	41	\$76
Pasquotank	Vandemere	113,624	\$103,759	159,311	\$184,744
	Elizabeth City	1,423,397	\$1,603,366	1,652,881	\$1,206,310
	Pasquotank Other	0	\$0	0	\$0
Pender	Burgaw	51,967	\$92,928	86,960	\$143,386
	Hampstead	712,882	\$1,250,128	709,888	\$1,207,442
	Pender Other	50,051	\$76,352	43,672	\$67,007

*** indicates confidential data

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

County	Dealer City	2012		2011	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,352,055	\$1,584,874	1,178,299	\$899,648
	Perquimans Other	81,586	\$101,131	64,662	\$65,170
Tyrrell	Columbia	4,452,126	\$2,649,012	4,536,197	\$1,943,304
	Tyrrell Other	1,898	\$1,887	0	\$0
Washington	Plymouth	0	\$0	0	\$0
	Roper	***	***	0	\$0
	Washington Other	1,311	\$3,137	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, 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	2010		2009	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	831,971	\$692,692	466,580	\$432,226
	Bath	1,798,599	\$1,519,560	1,177,057	\$1,085,403
	Beaufort Other	10,000	\$938	5,905	\$7,399
	Belhaven	1,279,438	\$1,523,310	1,640,882	\$1,316,621
	Washington	903,049	\$908,190	547,077	\$632,818
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	13,969	\$23,353	6,453	\$8,507
	Calabash	206,612	\$261,293	223,004	\$198,603
	Shalotte	886,019	\$1,909,829	949,550	\$1,825,731
	Southport	489,152	\$986,666	710,840	\$1,507,004
Camden	Camden Other	0	\$0	0	\$0
	Shiloh	3,645,964	\$3,189,118	3,832,549	\$4,104,569
Carteret	Bogue Banks	139,636	\$266,629	187,799	\$382,985
	Carteret Other	970,522	\$730,518	390,353	\$603,499
	Downeast Communities	2,127,918	\$2,373,082	2,055,484	\$2,104,512
	Morehead City/Beaufort	2,528,722	\$5,365,854	2,559,232	\$5,803,959
	Western Carteret	297,164	\$503,765	383,395	\$647,084
Chowan	Chowan Other	66,302	\$41,021	80,655	\$43,952
	Edenton	385,342	\$348,679	684,909	\$613,469
Craven	Craven Other	1,072	\$1,070	414	\$227
	Havelock	20,408	\$23,776	43,562	\$37,806
	New Bern/Bridgeton	592,574	\$705,023	471,923	\$484,991
Currituck	Central Currituck	51,940	\$54,581	60,647	\$79,937
	Currituck Other	820	\$1,178	7,861	\$8,714
	Knotts Island/Corolla	482,201	\$497,288	903,568	\$1,058,680
	Moyock/Barco	924,467	\$898,952	1,392,831	\$1,507,353
	Southern Currituck	355,094	\$351,842	373,213	\$431,133
Dare	Bodie Island	856,963	\$649,946	751,999	\$586,111
	Dare Other	2,178,043	\$2,314,635	2,463,983	\$2,544,672
	Hatteras Island	4,516,479	\$3,188,951	3,569,303	\$3,221,859
	Mainland Dare	130,190	\$182,904	303,107	\$353,012
	Manteo	31,190	\$60,167	142,673	\$259,407
	Wanchese	17,900,729	\$15,620,168	18,216,433	\$14,966,961
Hertford	Hertford Other	13,462	\$8,808	***	***
Hyde	Engelhard	6,031,901	\$6,744,244	4,866,454	\$5,357,674
	Hyde Other	7,853	\$6,756	99	\$142
	Ocracoke	712,600	\$759,002	377,894	\$468,085
	Swan Quarter	2,479,224	\$3,085,712	1,764,147	\$2,293,946
New Hanover	New Hanover Other	1,223	\$2,731	585	\$2,233
	Wilmington Area	1,474,338	\$2,270,047	1,463,183	\$2,125,434
Onslow	Hubert	31,039	\$45,803	48,668	\$67,350
	Jacksonville	153,703	\$184,731	174,286	\$179,270
	Onslow Other	87,821	\$147,055	75,453	\$115,421
	Sneads Ferry	1,384,192	\$2,822,119	1,404,270	\$2,512,597
	Swansboro	359,009	\$1,248,161	325,911	\$1,077,717
	Arapahoe	272,221	\$484,419	173,577	\$268,283
Pamlico	Bayboro/Alliance/Grantsboro/Stonewall	411,908	\$383,187	399,645	\$291,425
	Hobucken/Lowland	1,338,413	\$3,056,372	1,133,419	\$2,638,413
	Merritt	252,782	\$358,858	255,182	\$339,647
	Oriental	1,862,708	\$3,668,151	1,407,480	\$2,418,451
	Pamlico Other	9,807	\$10,419	1,117	\$1,029
	Vandemere	262,199	\$463,920	189,283	\$283,357
Pasquotank	Elizabeth City	1,829,314	\$1,696,429	1,781,182	\$1,807,858
	Pasquotank Other	0	\$0	118	\$171
Pender	Burgaw	85,484	\$118,562	35,169	\$52,206
	Hampstead	712,375	\$1,188,064	752,675	\$978,441
	Pender Other	42,328	\$48,081	37,740	\$39,372

*** indicates confidential data

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

County	Dealer City	2010		2009	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	2,150,087	\$1,985,237	2,160,342	\$2,403,969
	Perquimans Other	27,869	\$32,552	1,260	\$1,490
Tyrrell	Columbia	4,723,038	\$3,317,681	4,526,443	\$3,709,536
	Tyrrell Other	3,740	\$2,777	0	\$0
Washington	Plymouth	0	\$0	0	\$0
	Roper	***	***	***	***
	Washington Other	563,891	\$343,029	874,490	\$720,229

*** 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	2008		2007	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	614,689	\$476,072	549,980	\$421,666
	Bath	1,685,422	\$1,391,218	1,572,191	\$1,389,083
	Beaufort Other	0	\$0	0	\$0
	Belhaven	1,823,655	\$1,769,592	1,246,167	\$1,285,645
	Washington	456,587	\$462,520	273,791	\$369,452
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	34,375	\$82,688	39,451	\$42,999
	Calabash	125,249	\$124,598	129,994	\$123,094
	Shalotte	1,084,846	\$2,502,059	1,089,867	\$2,193,553
	Southport	688,963	\$1,451,258	726,138	\$1,479,360
Camden	Camden Other	0	\$0	0	\$0
	Shiloh	4,245,487	\$3,647,911	2,973,324	\$3,032,980
Carteret	Bogue Banks	180,975	\$336,644	200,637	\$398,082
	Carteret Other	382,202	\$635,285	247,807	\$420,892
	Downeast Communities	2,123,352	\$2,706,830	2,222,394	\$2,615,394
	Morehead City/Beaufort	2,887,994	\$6,800,896	3,302,220	\$7,411,644
	Western Carteret	451,898	\$745,783	604,031	\$905,782
Chowan	Chowan Other	108,797	\$65,815	73,214	\$40,075
	Edenton	915,251	\$831,003	697,843	\$591,271
Craven	Craven Other	269	\$147	0	\$0
	Havelock	38,293	\$36,490	23,062	\$23,079
	New Bern/Bridgeton	541,289	\$568,240	394,870	\$406,108
Currituck	Central Currituck	45,866	\$57,075	14,553	\$21,924
	Currituck Other	187	\$334	270	\$343
	Knotts Island/Corolla	765,295	\$797,468	490,360	\$526,201
	Moyock/Barco	1,285,543	\$1,228,539	1,225,628	\$1,431,342
	Southern Currituck	409,227	\$322,087	252,063	\$267,857
Dare	Bodie Island	686,445	\$557,779	476,797	\$475,681
	Dare Other	2,910,259	\$2,600,916	1,707,509	\$2,244,595
	Hatteras Island	2,968,323	\$2,948,394	2,764,186	\$2,811,843
	Mainland Dare	397,097	\$427,883	529,423	\$636,402
	Manteo	54,423	\$105,789	153,107	\$262,170
	Wanchese	15,696,127	\$16,364,052	16,748,815	\$16,704,683
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	5,804,393	\$7,405,957	4,364,412	\$7,310,949
	Hyde Other	0	\$0	551	\$1,975
	Ocracoke	328,397	\$415,771	332,217	\$383,575
	Swan Quarter	2,559,773	\$3,004,128	1,691,321	\$2,270,858
New Hanover	New Hanover Other	106	\$463	135	\$686
	Wilmington Area	1,723,142	\$2,492,242	1,574,889	\$2,660,922
Onslow	Hubert	87,562	\$124,359	297,041	\$365,903
	Jacksonville	131,735	\$139,282	98,113	\$121,418
	Onslow Other	70,052	\$146,424	47,034	\$104,079
	Sneads Ferry	1,939,613	\$4,436,674	1,770,550	\$3,804,266
	Swansboro	394,213	\$1,261,593	336,147	\$1,143,663
Pamlico	Arapahoe	160,421	\$176,066	204,939	\$233,818
	Bayboro/Alliance/Grantsboro/Stonewall	400,754	\$271,736	519,527	\$341,468
	Hobucken/Lowland	1,136,401	\$2,034,924	1,095,568	\$2,473,577
	Merritt	184,921	\$218,361	352,778	\$262,839
	Oriental	2,460,156	\$4,768,219	2,401,453	\$4,590,789
	Pamlico Other	1,024	\$3,162	0	\$0
	Vandemere	223,230	\$207,275	264,273	\$289,378
Pasquotank	Elizabeth City	1,499,484	\$1,452,721	766,193	\$1,053,125
	Pasquotank Other	0	\$0	0	\$0
Pender	Burgaw	40,634	\$67,923	32,907	\$49,099
	Hampstead	620,455	\$896,396	627,461	\$994,868
	Pender Other	36,394	\$33,200	33,160	\$36,983

*** indicates confidential data

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

County	Dealer City	2008		2007	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,867,726	\$2,026,558	1,147,958	\$1,452,648
	Perquimans Other	120	\$51	0	\$0
Tyrrell	Columbia	4,568,627	\$3,762,350	3,059,919	\$2,469,638
	Tyrrell Other	957	\$814	0	\$0
Washington	Plymouth	0	\$0	0	\$0
	Roper	1,248,633	\$1,256,436	1,025,286	\$1,143,071
	Washington Other	0	\$0	0	\$0

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- 1) Bath = Bath and Pinetown
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- 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	2006		2005	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	660,740	\$414,883	665,012	\$452,400
	Bath	2,353,903	\$1,416,172	2,427,010	\$1,720,872
	Beaufort Other	0	\$0	1,965	\$2,172
	Belhaven	1,476,495	\$1,050,557	1,375,983	\$1,080,332
	Washington	121,916	\$191,020	263,664	\$243,553
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	43,089	\$62,258	38,984	\$47,907
	Calabash	176,501	\$171,254	191,997	\$189,889
	Shalotte	1,349,485	\$2,260,214	1,072,502	\$1,901,490
	Southport	723,319	\$1,387,167	726,162	\$1,248,252
Camden	Camden Other	0	\$0	0	\$0
	Shiloh	2,054,055	\$1,496,357	2,092,856	\$1,666,401
Carteret	Bogue Banks	155,822	\$260,927	153,874	\$276,630
	Carteret Other	206,257	\$339,430	208,636	\$316,663
	Downeast Communities	2,387,386	\$2,632,677	3,082,988	\$2,790,846
	Morehead City/Beaufort	3,406,904	\$6,466,192	15,223,290	\$7,119,870
	Western Carteret	534,113	\$843,551	628,931	\$920,670
Chowan	Chowan Other	683,120	\$432,011	110,571	\$55,410
	Edenton	***	***	613,778	\$319,334
Craven	Craven Other	0	\$0	9,887	\$10,658
	Havelock	5,841	\$4,632	***	***
	New Bern/Bridgeton	706,850	\$473,297	690,080	\$522,967
Currituck	Central Currituck	11,744	\$11,654	19,108	\$26,810
	Currituck Other	0	\$0	4,050	\$4,705
	Knotts Island/Corolla	311,251	\$233,107	310,731	\$237,863
	Moyock/Barco	1,016,783	\$858,521	809,869	\$827,983
	Southern Currituck	169,000	\$138,406	170,164	\$140,384
Dare	Bodie Island	432,345	\$346,401	370,985	\$376,560
	Dare Other	1,727,630	\$1,805,303	1,785,750	\$2,472,035
	Hatteras Island	2,873,751	\$3,227,794	3,639,961	\$3,405,447
	Mainland Dare	661,704	\$717,341	859,976	\$956,551
	Manteo	195,450	\$343,342	154,334	\$251,196
	Wanchese	20,701,961	\$16,370,236	20,231,148	\$13,409,060
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	4,374,371	\$5,058,189	5,059,443	\$4,143,852
	Hyde Other	10,362	\$34,452	10,144	\$25,444
	Ocracoke	285,586	\$402,268	366,915	\$461,044
	Swan Quarter	1,948,373	\$1,911,242	1,928,778	\$1,527,881
New Hanover	New Hanover Other	31,865	\$72,055	87,042	\$151,450
	Wilmington Area	1,677,431	\$2,253,785	1,294,324	\$1,833,206
Onslow	Hubert	233,561	\$331,897	190,049	\$266,142
	Jacksonville	119,081	\$131,097	120,031	\$129,562
	Onslow Other	52,499	\$104,898	60,731	\$120,651
	Sneads Ferry	1,821,326	\$3,431,046	914,981	\$2,202,727
	Swansboro	322,755	\$1,061,944	232,156	\$962,502
Pamlico	Arapahoe	523,162	\$352,502	637,851	\$484,909
	Bayboro/Alliance/Grantsboro/Stonewall	661,752	\$480,521	917,700	\$747,931
	Hobucken/Lowland	622,612	\$718,566	869,756	\$1,008,165
	Merritt	318,539	\$246,064	388,165	\$308,549
	Oriental	1,500,329	\$2,827,984	1,255,836	\$1,910,651
	Pamlico Other	754	\$335	261	\$653
Pasquotank	Vandemere	522,168	\$372,106	979,097	\$860,760
	Elizabeth City	782,475	\$843,482	1,057,464	\$954,930
	Pasquotank Other	0	\$0	0	\$0
Pender	Burgaw	22,116	\$25,970	8,850	\$9,147
	Hampstead	533,882	\$670,361	460,746	\$469,323
	Pender Other	76,106	\$54,895	154,470	\$86,983

*** indicates confidential data

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

County	Dealer City	2006		2005	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,669,396	\$1,452,089	1,063,408	\$927,389
	Perquimans Other	0	\$0	0	\$0
Tyrrell	Columbia	4,097,877	\$2,190,365	2,923,116	\$1,618,147
	Tyrrell Other	0	\$0	280	\$607
Washington	Plymouth	***	***	***	***
	Roper	***	***	550,858	\$505,672
	Washington Other	1,254,764	\$913,557	12,865	\$16,803

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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	2004		2003	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	722,137	\$421,678	835,399	\$658,704
	Bath	2,280,855	\$1,476,204	2,792,802	\$2,285,576
	Beaufort Other	1,994	\$1,090	1,385	\$2,143
	Belhaven	1,858,808	\$1,477,160	2,183,126	\$1,998,244
	Washington	354,374	\$295,563	434,500	\$345,929
Bertie	Bertie Other	28,383	\$11,075	21,820	\$11,566
Brunswick	Brunswick Other	60,016	\$63,971	48,838	\$84,451
	Calabash	223,569	\$238,500	224,564	\$256,489
	Shalotte	1,408,585	\$2,261,186	1,248,524	\$1,939,468
	Southport	719,243	\$1,228,844	712,935	\$1,180,350
Camden	Camden Other	0	\$0	0	\$0
	Shiloh	2,072,470	\$1,834,027	3,654,632	\$4,102,430
Carteret	Bogue Banks	252,395	\$434,510	325,236	\$621,569
	Carteret Other	280,552	\$325,979	277,136	\$371,351
	Downeast Communities	4,774,908	\$3,987,409	5,338,584	\$4,923,487
	Morehead City/Beaufort	55,147,986	\$13,720,130	52,593,647	\$11,788,521
	Western Carteret	615,252	\$945,979	626,734	\$1,054,691
Chowan	Chowan Other	142,431	\$54,484	205,632	\$76,002
	Edenton	466,571	\$246,839	668,447	\$407,470
Craven	Craven Other	23,208	\$20,355	22,021	\$26,118
	Havelock	***	***	***	***
	New Bern/Bridgeton	784,184	\$495,102	941,315	\$725,497
Currituck	Central Currituck	48,092	\$49,501	43,584	\$57,698
	Currituck Other	48,691	\$46,853	137,873	\$99,994
	Knotts Island/Corolla	873,719	\$617,291	618,616	\$666,871
	Moyock/Barco	925,883	\$777,145	1,000,057	\$1,088,966
	Southern Currituck	201,005	\$152,670	214,036	\$237,794
Dare	Bodie Island	348,916	\$316,060	343,011	\$419,575
	Dare Other	1,812,556	\$2,156,675	2,986,954	\$3,096,620
	Hatteras Island	4,432,247	\$3,216,204	3,959,168	\$2,648,422
	Mainland Dare	1,036,188	\$867,013	1,385,481	\$1,154,333
	Manteo	306,822	\$238,914	282,038	\$217,620
	Wanchese	23,249,051	\$13,723,841	23,575,155	\$12,538,971
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	5,746,911	\$4,876,165	6,453,753	\$5,400,477
	Hyde Other	51,997	\$44,109	84,168	\$41,225
	Ocracoke	493,560	\$432,293	349,356	\$361,961
	Swan Quarter	2,938,200	\$2,523,393	3,689,227	\$3,019,615
New Hanover	New Hanover Other	115,932	\$167,102	68,514	\$97,963
	Wilmington Area	1,609,668	\$2,057,451	1,742,580	\$2,579,752
Onslow	Hubert	265,135	\$471,645	334,021	\$632,058
	Jacksonville	142,121	\$124,638	172,615	\$155,458
	Onslow Other	70,898	\$110,929	100,364	\$135,592
	Sneads Ferry	1,512,468	\$2,886,779	2,017,535	\$3,498,866
	Swansboro	342,594	\$1,015,798	309,257	\$869,599
	Arapahoe	807,851	\$702,728	568,552	\$575,955
Pamlico	Bayboro/Alliance/Grantsboro/Stonewall	1,220,787	\$971,732	1,270,892	\$1,291,504
	Hobucken/Lowland	1,100,463	\$1,014,783	694,371	\$739,553
	Merritt	535,788	\$407,539	345,217	\$337,525
	Oriental	1,989,196	\$2,886,678	1,306,216	\$1,724,743
	Pamlico Other	129,302	\$78,835	360,661	\$253,506
	Vandemere	1,252,461	\$1,156,749	971,527	\$877,749
Pasquotank	Elizabeth City	1,897,746	\$1,541,135	3,239,107	\$3,006,559
	Pasquotank Other	0	\$0	0	\$0
Pender	Burgaw	19,802	\$14,334	14,915	\$12,432
	Hampstead	419,202	\$511,839	442,701	\$562,489
	Pender Other	115,396	\$94,693	153,116	\$156,042

*** indicates confidential data

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

County	Dealer City	2004		2003	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,318,462	\$1,153,182	1,729,504	\$1,498,687
	Perquimans Other	0	\$0	28,814	\$25,837
Tyrrell	Columbia	3,227,387	\$1,814,253	4,134,186	\$3,217,511
	Tyrrell Other	54,860	\$34,344	125,764	\$121,787
Washington	Plymouth	***	***	***	***
	Roper	1,046,344	\$719,927	***	***
	Washington Other	11,326	\$15,997	781,818	\$622,457

*** 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	2002		2001	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	700,284	\$509,816	536,516	\$503,765
	Bath	3,065,040	\$2,607,393	2,158,047	\$2,020,964
	Beaufort Other	4,171	\$8,508	6,684	\$13,363
	Belhaven	2,031,383	\$2,082,487	1,714,751	\$2,027,910
	Washington	609,100	\$494,470	360,902	\$341,551
Bertie	Bertie Other	85,522	\$34,711	74,534	\$29,393
Brunswick	Brunswick Other	51,012	\$76,868	25,831	\$38,060
	Calabash	226,195	\$286,272	352,867	\$356,107
	Shalotte	1,126,716	\$1,727,168	1,155,053	\$1,933,155
	Southport	775,516	\$1,214,958	877,072	\$1,366,724
Camden	Camden Other	0	\$0	1,939	\$1,893
	Shiloh	2,417,663	\$2,927,849	2,306,973	\$2,687,183
Carteret	Bogue Banks	165,933	\$265,359	166,602	\$248,720
	Carteret Other	277,076	\$349,983	211,765	\$311,789
	Downeast Communities	5,822,146	\$5,319,263	6,701,911	\$6,066,218
	Morehead City/Beaufort	75,242,219	\$12,912,293	58,623,914	\$11,126,995
	Western Carteret	556,161	\$903,695	489,405	\$1,046,722
Chowan	Chowan Other	942,148	\$449,909	1,036,071	\$440,313
	Edenton	***	***	***	***
Craven	Craven Other	977	\$1,093	2,085	\$1,522
	Havelock	51,407	\$55,480	45,518	\$49,947
	New Bern/Bridgeton	821,263	\$684,165	707,718	\$576,613
Currituck	Central Currituck	52,809	\$63,433	49,406	\$85,598
	Currituck Other	188,806	\$205,904	348,534	\$416,198
	Knotts Island/Corolla	806,888	\$902,319	535,132	\$442,999
	Moyock/Barco	2,054,218	\$2,200,750	891,361	\$860,378
	Southern Currituck	217,827	\$241,705	230,350	\$245,402
Dare	Bodie Island	353,811	\$369,580	349,606	\$402,073
	Dare Other	2,408,372	\$2,673,347	3,444,456	\$4,190,637
	Hatteras Island	4,440,762	\$3,773,552	5,322,925	\$3,392,050
	Mainland Dare	2,535,915	\$2,001,212	3,106,524	\$2,799,136
	Manteo	491,225	\$304,782	445,784	\$276,897
	Wanchese	18,655,069	\$13,889,550	18,845,949	\$13,768,901
Hertford	Hertford Other	***	***	***	***
Hyde	Engelhard	6,831,255	\$6,014,945	5,712,011	\$4,788,683
	Hyde Other	239,424	\$206,658	476,617	\$479,471
	Ocracoke	642,545	\$630,907	756,073	\$699,116
	Swan Quarter	2,934,735	\$2,687,770	2,155,535	\$2,243,865
New Hanover	New Hanover Other	299	\$322	7,371	\$16,525
	Wilmington Area	1,763,371	\$2,556,645	1,644,363	\$2,355,330
Onslow	Hubert	339,179	\$618,936	427,931	\$819,019
	Jacksonville	206,022	\$200,862	209,744	\$215,888
	Onslow Other	72,518	\$117,317	59,243	\$109,916
	Sneads Ferry	1,872,871	\$3,588,597	1,681,428	\$3,356,018
	Swansboro	439,159	\$975,968	388,320	\$933,628
Pamlico	Arapahoe	303,857	\$246,482	391,278	\$361,026
	Bayboro/Alliance/Grantsboro/Stonewall	908,558	\$1,014,702	614,329	\$832,418
	Hobucken/Lowland	812,316	\$942,957	740,761	\$979,734
	Merritt	277,673	\$253,541	380,009	\$348,538
	Oriental	2,373,291	\$3,299,849	1,797,898	\$2,611,684
	Pamlico Other	69,587	\$58,392	26,145	\$27,484
Pasquotank	Vandemere	1,081,557	\$1,205,798	992,726	\$1,287,116
	Elizabeth City	3,341,211	\$2,996,952	1,979,675	\$2,093,436
Pender	Pasquotank Other	0	\$0	0	\$0
	Burgaw	10,873	\$16,346	6,530	\$5,895
	Hampstead	405,707	\$624,638	441,408	\$737,591
	Pender Other	132,825	\$106,520	102,175	\$74,381

*** indicates confidential data

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

County	Dealer City	2002		2001	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	2,369,701	\$2,374,948	1,623,028	\$1,704,296
	Perquimans Other	0	\$0	26	\$13
Tyrrell	Columbia	3,903,481	\$3,017,906	2,944,281	\$2,462,842
	Tyrrell Other	63,179	\$75,007	88,200	\$149,453
Washington	Plymouth	***	***	36,632	\$46,340
	Roper	1,323,498	\$1,139,523	***	***
	Washington Other	28,271	\$30,882	164,212	\$163,543

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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	2000		1999	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	898,499	\$738,973	1,602,989	\$926,051
	Bath	2,958,734	\$2,558,365	3,221,340	\$2,068,435
	Beaufort Other	16,394	\$20,026	1,831,706	\$1,211,601
	Belhaven	3,123,189	\$3,518,201	3,840,949	\$2,927,830
	Washington	397,974	\$320,910	323,586	\$236,961
Bertie	Bertie Other	109,037	\$46,188	147,642	\$62,508
Brunswick	Brunswick Other	26,365	\$53,725	237,292	\$314,134
	Calabash	363,885	\$388,023	232,900	\$233,246
	Shallotte	1,027,536	\$2,020,341	1,445,475	\$3,325,308
	Southport	1,183,117	\$1,832,280	1,030,518	\$1,428,267
Camden	Camden Other	0	\$0	215,432	\$162,476
	Shiloh	2,768,148	\$3,330,128	1,808,252	\$1,365,097
Carteret	Bogue Banks	400,323	\$520,166	532,696	\$493,605
	Carteret Other	231,527	\$355,337	4,218,654	\$2,540,454
	Downeast Communities	6,610,981	\$6,570,904	6,960,407	\$5,840,750
	Morehead City/Beaufort	61,158,938	\$12,192,669	44,691,299	\$9,431,212
	Western Carteret	602,017	\$1,118,523	723,795	\$1,145,846
Chowan	Chowan Other	1,566,293	\$697,358	1,394,165	\$685,536
	Edenton	***	***	***	***
Craven	Craven Other	1,552	\$981	166,558	\$122,721
	Havelock	41,557	\$47,487	57,040	\$49,413
	New Bern/Bridgeton	626,166	\$500,058	653,985	\$472,052
Currituck	Central Currituck	246,739	\$252,513	179,501	\$141,415
	Currituck Other	85,775	\$90,119	226,025	\$169,629
	Knotts Island/Corolla	585,936	\$493,457	755,330	\$459,802
	Moyock/Barco	911,661	\$936,317	957,142	\$740,783
	Southern Currituck	244,143	\$248,737	254,179	\$186,913
Dare	Bodie Island	650,858	\$718,467	1,396,564	\$1,050,562
	Dare Other	3,341,682	\$3,632,767	3,933,564	\$3,229,248
	Hatteras Island	5,652,104	\$3,796,048	7,336,108	\$4,621,164
	Mainland Dare	2,703,459	\$2,577,531	2,590,585	\$1,725,851
	Manteo	554,412	\$345,236	371,268	\$207,678
	Wanchese	20,428,179	\$15,281,310	18,065,021	\$11,833,130
Hertford	Hertford Other	28,013	\$11,379	60,776	\$23,118
Hyde	Engelhard	6,691,403	\$7,272,082	7,696,522	\$6,464,295
	Hyde Other	876,164	\$743,521	2,557,081	\$1,723,157
	Ocracoke	960,237	\$827,301	1,178,354	\$745,739
	Swan Quarter	3,457,581	\$3,863,049	4,221,618	\$3,723,489
New Hanover	New Hanover Other	1,134	\$1,154	135,726	\$177,824
	Wilmington Area	1,733,883	\$2,489,366	1,924,406	\$2,705,191
Onslow	Hubert	476,976	\$704,608	248,060	\$451,524
	Jacksonville	199,775	\$185,639	192,308	\$179,068
	Onslow Other	95,209	\$165,115	276,391	\$491,501
	Sneads Ferry	1,929,524	\$4,478,459	1,699,378	\$3,915,262
	Swansboro	313,253	\$895,273	263,103	\$632,452
Pamlico	Arapahoe	686,245	\$589,233	1,288,157	\$882,079
	Bayboro/Alliance/Grantsboro/Stonewall	880,146	\$1,199,151	1,030,932	\$1,202,896
	Hobucken/Lowland	1,717,345	\$2,390,206	1,889,109	\$1,840,901
	Merritt	460,912	\$414,168	193,946	\$150,350
	Oriental	3,331,748	\$5,648,383	3,151,876	\$3,631,092
	Pamlico Other	1,678,283	\$2,235,838	1,895,006	\$1,543,694
	Vandemere	***	***	1,601,864	\$1,432,356
Pasquotank	Elizabeth City	2,279,306	\$2,420,605	2,316,707	\$1,734,046
	Pasquotank Other	0	\$0	246,838	\$206,004
Pender	Burgaw	5,354	\$2,644	***	***
	Hampstead	480,926	\$795,680	568,351	\$726,451
	Pender Other	100,683	\$77,706	95,165	\$107,201

*** indicates confidential data

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

County	Dealer City	2000		1999	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,684,340	\$1,760,899	2,264,258	\$1,929,995
	Perquimans Other	34,005	\$43,736	9,191	\$8,772
Tyrrell	Columbia	3,753,983	\$3,056,015	4,016,864	\$2,564,093
	Tyrrell Other	6,987	\$12,109	410,846	\$311,063
Washington	Plymouth	33,739	\$28,597	24,703	\$25,682
	Roper	667,439	\$632,844	***	***
	Washington Other	0	\$0	726,322	\$588,307

*** indicates confidential data

Footnote: This table includes dealer cities in coastal counties.

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- 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	1998		1997	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	1,469,065	\$1,058,583	2,214,473	\$1,371,850
	Bath	3,199,439	\$2,613,109	3,169,307	\$2,191,770
	Beaufort Other	750,850	\$582,195	853,837	\$572,531
	Belhaven	4,352,097	\$3,492,072	5,162,246	\$3,901,561
	Washington	333,463	\$269,057	331,090	\$234,959
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	112,174	\$155,085	137,944	\$218,131
	Calabash	160,510	\$201,398	196,318	\$284,699
	Shalotte	1,433,727	\$2,915,300	1,082,187	\$2,334,324
	Southport	1,290,130	\$1,573,971	1,368,962	\$1,767,204
Camden	Camden Other	78,974	\$83,135	92,109	\$56,766
	Shiloh	1,611,715	\$1,449,026	1,265,115	\$871,923
Carteret	Bogue Banks	300,959	\$429,572	149,697	\$346,124
	Carteret Other	1,811,704	\$1,551,427	12,328,553	\$2,952,138
	Downeast Communities	10,061,296	\$6,918,689	10,502,266	\$8,136,876
	Morehead City/Beaufort	68,079,253	\$11,532,575	105,152,694	\$16,517,703
	Western Carteret	756,228	\$945,148	690,197	\$1,109,368
Chowan	Chowan Other	1,801,899	\$918,753	1,612,346	\$866,035
	Edenton	***	***	***	***
Craven	Craven Other	126,116	\$93,149	111,835	\$104,363
	Havelock	88,546	\$68,344	***	***
	New Bern/Bridgeton	622,048	\$462,885	639,743	\$500,067
Currituck	Central Currituck	115,289	\$122,883	156,542	\$107,402
	Currituck Other	183,481	\$146,319	235,806	\$187,722
	Knotts Island/Corolla	480,555	\$408,936	454,044	\$358,259
	Moyock/Barco	1,283,133	\$1,110,117	1,173,147	\$971,175
	Southern Currituck	82,650	\$79,356	89,466	\$72,825
Dare	Bodie Island	1,752,915	\$1,335,736	1,616,763	\$1,192,570
	Dare Other	3,856,039	\$3,436,292	3,708,350	\$3,415,164
	Hatteras Island	11,264,047	\$5,375,167	11,481,094	\$5,882,898
	Mainland Dare	3,471,561	\$2,606,447	2,782,883	\$2,169,624
	Manteo	351,894	\$137,647	307,998	\$138,085
	Wanchese	15,873,649	\$10,576,760	18,068,746	\$11,349,900
Hertford	Hertford Other	60,557	\$22,062	17,232	\$8,345
Hyde	Engelhard	6,472,723	\$4,523,786	5,525,588	\$4,552,641
	Hyde Other	1,140,076	\$695,468	912,400	\$546,514
	Ocracoke	1,449,059	\$982,785	1,679,973	\$1,170,687
	Swan Quarter	7,060,589	\$4,741,423	6,713,051	\$5,191,359
New Hanover	New Hanover Other	109,482	\$136,450	123,615	\$152,468
	Wilmington Area	1,923,775	\$2,739,633	2,100,453	\$3,015,009
Onslow	Hubert	325,644	\$568,203	378,655	\$666,012
	Jacksonville	128,952	\$135,583	168,055	\$150,837
	Onslow Other	195,097	\$360,292	197,495	\$399,072
	Sneads Ferry	1,706,422	\$3,540,269	1,562,497	\$3,264,133
	Swansboro	308,485	\$613,415	215,617	\$642,096
Pamlico	Arapahoe	1,489,197	\$1,075,950	1,726,322	\$1,195,453
	Bayboro/Alliance/Grantsboro/Stonewall	1,034,881	\$933,149	786,843	\$931,616
	Hobucken/Lowland	2,063,503	\$1,754,164	2,517,961	\$2,299,467
	Merritt	243,465	\$199,726	252,686	\$178,144
	Oriental	2,343,827	\$2,484,876	4,241,584	\$3,931,920
	Pamlico Other	2,037,976	\$1,552,247	1,404,893	\$993,715
Pasquotank	Vandemere	1,258,362	\$1,252,850	1,898,921	\$2,270,642
	Elizabeth City	3,707,659	\$3,384,252	2,381,813	\$2,127,706
	Pasquotank Other	116,757	\$115,946	89,981	\$60,846
Pender	Burgaw	12,574	\$25,719	29,338	\$47,069
	Hampstead	484,969	\$682,836	514,926	\$648,768
	Pender Other	46,845	\$84,104	51,976	\$80,992

*** indicates confidential data

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

County	Dealer City	1998		1997	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,819,509	\$1,719,684	1,083,884	\$999,769
	Perquimans Other	91,536	\$100,204	155,941	\$127,994
Tyrrell	Columbia	4,602,508	\$3,196,842	3,822,583	\$2,411,069
	Tyrrell Other	148,077	\$132,899	209,077	\$132,717
Washington	Plymouth	***	***	***	***
	Roper	***	***	***	***
	Washington Other	434,161	\$404,801	457,383	\$471,216

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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	1996		1995	
		Pounds	Value	Pounds	Value
Beaufort	Aurora/Blounts Creek	2,588,659	\$1,543,276	1,412,295	\$953,971
	Bath	4,176,372	\$3,123,559	3,809,183	\$3,477,044
	Beaufort Other	2,015,666	\$1,428,487	1,123,335	\$1,027,676
	Belhaven	4,752,879	\$3,390,022	3,242,755	\$2,887,925
	Washington	320,508	\$287,973	317,682	\$311,432
Bertie	Bertie Other	***	***	***	***
Brunswick	Brunswick Other	264,262	\$417,564	395,639	\$501,260
	Calabash	215,221	\$314,742	283,346	\$361,051
	Shalotte	1,071,084	\$2,303,559	1,598,292	\$2,567,356
	Southport	1,233,712	\$1,557,329	1,430,132	\$1,896,487
Camden	Camden Other	90,109	\$61,278	9,241	\$13,182
	Shiloh	950,602	\$660,143	200,602	\$226,354
Carteret	Bogue Banks	125,355	\$304,721	161,483	\$267,604
	Carteret Other	3,034,749	\$1,862,218	2,613,133	\$2,459,168
	Downeast Communities	8,696,786	\$8,306,476	10,146,804	\$10,040,604
	Morehead City/Beaufort	62,752,836	\$11,653,436	66,707,160	\$10,600,645
	Western Carteret	627,079	\$1,004,786	903,518	\$1,538,861
Chowan	Chowan Other	2,045,417	\$1,052,106	1,610,296	\$802,703
	Edenton	***	***	***	***
Craven	Craven Other	251,425	\$229,397	53,186	\$50,183
	Havelock	***	***	164,022	\$211,031
	New Bern/Bridgeton	711,000	\$489,962	286,804	\$243,078
Currituck	Central Currituck	306,287	\$183,088	590,069	\$395,250
	Currituck Other	182,692	\$144,816	150,612	\$136,705
	Knotts Island/Corolla	323,002	\$213,964	313,218	\$211,433
	Moyock/Barco	1,716,814	\$1,254,397	1,561,928	\$1,145,853
	Southern Currituck	81,647	\$64,800	69,036	\$50,856
Dare	Bodie Island	1,749,459	\$1,329,324	1,191,629	\$1,172,438
	Dare Other	4,327,817	\$3,271,534	6,562,203	\$5,010,038
	Hatteras Island	13,679,855	\$6,000,770	11,977,995	\$5,998,597
	Mainland Dare	3,130,295	\$2,033,139	2,730,647	\$2,413,882
	Manteo	607,212	\$227,022	161,233	\$146,984
	Wanchese	19,558,430	\$10,617,822	16,359,831	\$12,509,278
Hertford	Hertford Other	97,697	\$24,685	53,148	\$13,921
Hyde	Engelhard	5,310,790	\$3,381,188	3,795,970	\$3,838,931
	Hyde Other	1,401,120	\$849,182	1,189,983	\$898,918
	Ocracoke	1,926,387	\$1,242,812	2,163,723	\$1,366,300
	Swan Quarter	6,413,002	\$4,280,783	3,830,457	\$3,578,766
New Hanover	New Hanover Other	89,191	\$97,691	101,746	\$141,115
	Wilmington Area	1,715,628	\$2,547,705	2,116,854	\$3,077,779
Onslow	Hubert	398,436	\$502,379	563,559	\$694,649
	Jacksonville	205,136	\$181,017	244,683	\$219,851
	Onslow Other	144,234	\$237,048	162,388	\$282,411
	Sneads Ferry	1,454,836	\$2,989,789	1,832,040	\$3,259,355
	Swansboro	185,408	\$534,236	228,821	\$513,010
Pamlico	Arapahoe	1,809,970	\$1,195,591	976,393	\$866,313
	Bayboro/Alliance/Grantsboro/Stonewall	1,211,384	\$1,279,917	816,691	\$1,206,713
	Hobucken/Lowland	2,726,733	\$2,430,033	1,731,860	\$2,513,073
	Merritt	255,827	\$224,738	159,739	\$143,191
	Oriental	4,480,648	\$4,191,395	2,787,017	\$3,635,766
	Pamlico Other	1,333,414	\$838,309	2,071,344	\$2,521,606
Pasquotank	Vandemere	1,642,428	\$1,672,486	***	***
	Elizabeth City	5,645,677	\$4,257,869	6,027,915	\$5,289,864
	Pasquotank Other	398,098	\$352,473	163,851	\$181,985
Pender	Burgaw	9,775	\$3,823	***	***
	Hampstead	481,136	\$599,830	601,231	\$704,400
	Pender Other	70,338	\$85,666	82,610	\$95,728

*** indicates confidential data

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

County	Dealer City	1996		1995	
		Pounds	Value	Pounds	Value
Perquimans	Hertford	1,532,756	\$1,096,799	874,299	\$828,178
	Perquimans Other	327,083	\$213,209	293,741	\$242,541
Tyrrell	Columbia	6,789,096	\$3,869,647	4,360,079	\$3,292,884
	Tyrrell Other	383,941	\$222,175	137,800	\$109,676
Washington	Plymouth	***	***	***	***
	Roper	***	***	0	\$0
	Washington Other	727,822	\$517,718	41,494	\$49,118

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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	1994	
		Pounds	Value
Beaufort	Aurora/Blounts Creek	1,539,045	\$759,747
	Bath	3,520,970	\$2,312,940
	Beaufort Other	1,627,313	\$923,751
	Belhaven	3,170,745	\$2,267,229
	Washington	218,034	\$178,556
Bertie	Bertie Other	177,297	\$153,594
Brunswick	Brunswick Other	561,656	\$860,500
	Calabash	197,200	\$252,077
	Shalotte	882,980	\$1,785,526
	Southport	1,334,332	\$1,599,234
Camden	Camden Other	5,898	\$5,244
	Shiloh	***	***
Carteret	Bogue Banks	62,282	\$125,612
	Carteret Other	8,854,224	\$3,622,082
	Downeast Communities	13,163,111	\$8,292,187
	Morehead City/Beaufort	73,663,686	\$7,303,116
	Western Carteret	815,959	\$1,192,220
Chowan	Chowan Other	266,342	\$54,197
	Edenton	2,061,995	\$868,639
Craven	Craven Other	343,435	\$296,805
	Havelock	***	***
	New Bern/Bridgeton	292,467	\$206,292
Currituck	Central Currituck	932,940	\$488,961
	Currituck Other	102,624	\$53,686
	Knotts Island/Corolla	144,485	\$66,007
	Moyock/Barco	800,480	\$375,380
	Southern Currituck	21,270	\$29,308
Dare	Bodie Island	1,020,161	\$684,366
	Dare Other	6,056,093	\$4,604,546
	Hatteras Island	10,906,453	\$4,925,108
	Mainland Dare	2,809,380	\$2,070,259
	Manteo	6,199	\$8,986
	Wanchese	17,385,132	\$9,043,437
Hertford	Hertford Other	61,806	\$10,182
Hyde	Engelhard	3,899,068	\$4,248,373
	Hyde Other	2,412,583	\$1,337,486
	Ocracoke	2,147,741	\$1,338,027
	Swan Quarter	5,126,900	\$3,715,552
New Hanover	New Hanover Other	166,689	\$215,516
	Wilmington Area	2,198,881	\$2,857,843
Onslow	Hubert	549,919	\$602,067
	Jacksonville	188,824	\$166,711
	Onslow Other	219,727	\$410,628
	Sneads Ferry	1,621,547	\$2,652,831
	Swansboro	211,530	\$369,141
Pamlico	Arapahoe	539,468	\$311,789
	Bayboro/Alliance/Grantsboro/Stonewall	1,150,432	\$1,239,480
	Hobucken/Lowland	2,111,046	\$2,606,785
	Merritt	***	***
	Oriental	2,506,236	\$2,931,653
	Pamlico Other	2,910,305	\$2,871,290
Pasquotank	Vandemere	***	***
	Elizabeth City	6,316,047	\$4,217,294
Pender	Pasquotank Other	206,331	\$183,290
	Burgaw	***	***
	Hampstead	539,990	\$624,531
	Pender Other	97,695	\$112,837

*** indicates confidential data

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

County	Dealer City	1994	
		Pounds	Value
Perquimans	Hertford	174,885	\$108,244
	Perquimans Other	39,930	\$26,972
Tyrrell	Columbia	3,737,276	\$2,195,369
	Tyrrell Other	665,602	\$319,768
Washington	Plymouth	***	***
	Roper	0	\$0
	Washington Other	47,564	\$57,993

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- 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	2018		2017	
	Pounds	Value	Pounds	Value
Albemarle Sound	9,028,627	\$10,234,414	9,062,066	\$11,022,889
Alligator River	1,085,380	\$880,030	1,486,736	\$979,546
Back Bay (VA)	***	***	***	***
Bay River	267,836	\$529,651	443,675	\$1,321,222
Bogue Sound	384,722	\$797,244	436,373	\$903,104
Cape Fear River	475,027	\$814,434	608,775	\$1,013,254
Chowan River	747,899	\$286,114	679,860	\$257,895
Core Sound	1,345,279	\$2,667,834	1,442,213	\$2,830,569
Croatan Sound	808,488	\$1,006,324	1,140,806	\$1,806,397
Currituck Sound	1,245,495	\$1,475,119	1,377,586	\$1,674,695
Inland Waterway ¹				
Inland Waterway (Brunswick)	109,121	\$226,717	127,357	\$179,346
Inland Waterway (Onslow)	89,870	\$210,758	93,290	\$281,447
Lockwood's Folly River	22,585	\$115,536	50,445	\$233,505
Masonboro Sound	222,547	\$600,442	243,263	\$730,820
Neuse River	1,055,934	\$1,257,498	1,175,481	\$1,567,407
New River	499,274	\$1,424,410	586,331	\$1,805,885
Newport River	278,004	\$647,286	391,050	\$997,429
North River/Back Sound	147,260	\$471,875	189,887	\$620,042
Ocean 0-3 mi, N of Cape Hatteras	1,332,533	\$2,133,398	2,462,230	\$3,548,132
Ocean 0-3 mi, S of Cape Hatteras	4,133,661	\$4,897,781	5,927,530	\$10,005,913
Ocean >3 mi, N of Cape Hatteras	5,317,990	\$14,742,964	5,975,675	\$15,554,840
Ocean >3 mi, S of Cape Hatteras	2,688,217	\$6,718,907	2,609,533	\$6,757,645
Ocean less than 3 miles ²				
Ocean more than 3 miles ²				
Pamlico River	1,140,761	\$1,289,079	1,394,483	\$1,504,766
Pamlico Sound	11,403,677	\$20,661,877	14,055,019	\$26,313,009
Pasquotank River	175,827	\$197,377	223,713	\$252,401
Perquimans River	74,899	\$75,921	57,025	\$63,599
Pungo River	313,813	\$356,627	586,068	\$576,013
Roanoke River	***	***	65,071	\$21,031
Roanoke Sound	592,671	\$1,058,233	697,809	\$1,360,679
Shalotte River	40,091	\$182,816	58,971	\$248,387
Stump Sound	279,033	\$643,212	202,433	\$534,404
Topsail Sound	317,523	\$1,067,092	391,408	\$1,350,733
Unknown	0	\$0	0	\$0
White Oak River	109,252	\$207,271	141,861	\$261,550

¹ The "Inland Waterway" code was split into subcategories in 2006.

²The 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	2016		2015	
	Pounds	Value	Pounds	Value
Albemarle Sound	10,287,764	\$10,919,824	14,989,588	\$16,240,842
Alligator River	2,622,753	\$1,422,002	3,427,902	\$2,294,308
Back Bay (VA)	***	***	29,872	\$38,246
Bay River	293,059	\$411,808	455,045	\$546,845
Bogue Sound	473,337	\$874,501	434,953	\$961,894
Cape Fear River	702,315	\$979,990	516,494	\$779,973
Chowan River	555,152	\$154,212	509,635	\$143,336
Core Sound	1,510,324	\$2,584,504	1,439,326	\$2,463,873
Croatan Sound	1,702,088	\$1,824,783	1,952,087	\$2,507,961
Currituck Sound	1,633,375	\$1,804,636	2,411,980	\$2,667,554
Inland Waterway ¹			***	***
Inland Waterway (Brunswick)	125,088	\$168,334	146,799	\$225,744
Inland Waterway (Onslow)	100,168	\$329,177	129,491	\$368,480
Lockwood's Folly River	41,722	\$151,497	29,448	\$166,640
Masonboro Sound	241,977	\$648,286	253,779	\$675,558
Neuse River	1,111,618	\$1,454,339	1,565,817	\$2,041,344
New River	666,815	\$2,122,434	779,208	\$3,537,919
Newport River	572,640	\$929,174	464,742	\$843,206
North River/Back Sound	345,889	\$687,054	225,489	\$653,910
Ocean 0-3 mi, N of Cape Hatteras	3,767,914	\$5,193,402	1,970,747	\$1,128,778
Ocean 0-3 mi, S of Cape Hatteras	6,608,247	\$9,931,501	6,884,392	\$5,385,332
Ocean >3 mi, N of Cape Hatteras	5,989,810	\$16,463,625	6,488,750	\$16,405,291
Ocean >3 mi, S of Cape Hatteras	2,798,795	\$6,996,991	2,975,826	\$6,684,482
Ocean less than 3 miles ²				
Ocean more than 3 miles ²				
Pamlico River	2,092,052	\$1,772,764	2,355,367	\$2,478,511
Pamlico Sound	13,419,870	\$22,506,490	12,450,840	\$20,841,294
Pasquotank River	170,371	\$161,732	637,170	\$592,281
Perquimans River	45,565	\$60,337	74,917	\$91,016
Pungo River	642,233	\$562,453	929,484	\$953,787
Roanoke River	***	***	***	***
Roanoke Sound	692,315	\$894,818	717,212	\$986,459
Shalotte River	54,512	\$194,810	34,308	\$179,390
Stump Sound	150,850	\$520,856	124,944	\$396,709
Topsail Sound	391,520	\$1,154,744	406,955	\$1,232,531
Unknown	0	\$0	0	\$0
White Oak River	132,259	\$220,064	131,902	\$208,060

¹ The "Inland Waterway" code was split into subcategories in 2006.

²The 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	2014		2013	
	Pounds	Value	Pounds	Value
Albemarle Sound	14,335,993	\$18,202,253	12,715,078	\$17,915,036
Alligator River	2,475,951	\$2,472,231	2,442,862	\$2,791,445
Back Bay (VA)	***	***	1,532	\$2,883
Bay River	294,060	\$456,836	217,936	\$440,162
Bogue Sound	389,075	\$680,703	477,228	\$795,707
Cape Fear River	572,411	\$881,717	621,396	\$958,322
Chowan River	366,593	\$121,452	308,746	\$68,945
Core Sound	1,657,658	\$2,491,940	1,790,121	\$2,620,075
Croatan Sound	1,387,208	\$1,914,932	1,318,285	\$1,907,454
Currituck Sound	2,518,675	\$3,492,100	2,051,884	\$2,907,673
Inland Waterway ¹				
Inland Waterway (Brunswick)	130,307	\$196,733	136,726	\$187,537
Inland Waterway (Onslow)	78,266	\$238,906	172,172	\$398,691
Lockwood's Folly River	35,343	\$191,488	45,556	\$195,752
Masonboro Sound	248,795	\$615,414	242,514	\$508,240
Neuse River	979,275	\$1,496,322	833,102	\$1,340,798
New River	761,236	\$2,677,185	667,637	\$2,171,784
Newport River	339,869	\$699,964	314,102	\$691,849
North River/Back Sound	95,274	\$280,546	152,872	\$333,654
Ocean 0-3 mi, N of Cape Hatteras	2,196,324	\$878,723	2,593,167	\$1,595,522
Ocean 0-3 mi, S of Cape Hatteras	7,661,910	\$5,162,431	4,805,649	\$4,063,860
Ocean >3 mi, N of Cape Hatteras	8,838,601	\$16,384,854	3,678,773	\$7,369,773
Ocean >3 mi, S of Cape Hatteras	4,282,565	\$8,425,107	3,196,840	\$7,540,338
Ocean less than 3 miles ²				
Ocean more than 3 miles ²				
Pamlico River	1,377,243	\$1,844,851	892,958	\$1,349,583
Pamlico Sound	8,330,003	\$19,690,229	8,749,355	\$17,512,460
Pasquotank River	982,567	\$1,287,677	***	***
Perquimans River	96,848	\$133,608	131,569	\$186,074
Pungo River	325,431	\$465,543	175,012	\$294,041
Roanoke River	***	***	3,910	\$1,017
Roanoke Sound	473,247	\$774,915	530,141	\$797,554
Shalotte River	36,323	\$160,277	49,580	\$163,019
Stump Sound	142,089	\$413,707	197,641	\$492,982
Topsail Sound	451,785	\$1,200,084	525,724	\$1,267,085
Unknown	0	\$0	0	\$0
White Oak River	112,878	\$176,589	155,410	\$231,445

¹ The "Inland Waterway" code was split into subcategories in 2006.

²The 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	2012		2011	
	Pounds	Value	Pounds	Value
Albemarle Sound	14,106,473	\$13,168,414	13,466,822	\$9,594,605
Alligator River	1,832,685	\$1,047,229	1,541,992	\$703,731
Back Bay (VA)	23,530	\$25,214	***	***
Bay River	278,703	\$356,386	293,296	\$283,662
Bogue Sound	431,221	\$599,938	444,230	\$659,602
Cape Fear River	867,234	\$984,753	854,370	\$867,144
Chowan River	382,257	\$165,261	324,824	\$168,359
Core Sound	1,592,124	\$2,015,954	1,441,768	\$1,535,892
Croatan Sound	1,231,214	\$1,343,309	1,804,919	\$1,323,578
Currituck Sound	2,356,125	\$2,393,042	2,021,125	\$1,624,433
Inland Waterway ¹				
Inland Waterway (Brunswick)	189,277	\$161,668	171,695	\$173,593
Inland Waterway (Onslow)	126,596	\$268,871	111,002	\$269,837
Lockwood's Folly River	28,595	\$110,278	37,019	\$120,481
Masonboro Sound	215,914	\$423,375	233,386	\$421,948
Neuse River	1,156,315	\$1,226,789	1,446,384	\$1,397,252
New River	804,303	\$1,996,329	583,055	\$1,319,652
Newport River	437,481	\$717,559	219,434	\$490,024
North River/Back Sound	116,078	\$290,738	69,208	\$229,663
Ocean 0-3 mi, N of Cape Hatteras	2,081,880	\$1,178,515	2,303,911	\$1,786,798
Ocean 0-3 mi, S of Cape Hatteras	5,362,153	\$4,601,443	6,493,380	\$4,533,668
Ocean >3 mi, N of Cape Hatteras	5,332,447	\$10,578,698	10,288,735	\$12,411,613
Ocean >3 mi, S of Cape Hatteras	3,468,966	\$8,609,261	5,383,159	\$8,712,385
Ocean less than 3 miles ²				
Ocean more than 3 miles ²				
Pamlico River	1,753,483	\$1,396,343	3,030,220	\$2,098,074
Pamlico Sound	10,368,908	\$15,739,384	12,016,080	\$16,777,341
Pasquotank River	***	***	***	***
Perquimans River	175,164	\$222,421	27,020	\$25,705
Pungo River	424,889	\$368,226	947,047	\$685,840
Roanoke River	***	***	24,956	\$4,518
Roanoke Sound	632,086	\$675,132	1,117,713	\$1,139,665
Shalotte River	39,174	\$163,948	49,767	\$169,472
Stump Sound	166,674	\$437,368	140,242	\$485,872
Topsail Sound	442,595	\$956,723	468,326	\$952,559
Unknown	0	\$0	0	\$0
White Oak River	245,115	\$330,762	98,788	\$178,950

¹ The "Inland Waterway" code was split into subcategories in 2006.

²The 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	2010		2009	
	Pounds	Value	Pounds	Value
Albemarle Sound	14,941,212	\$12,983,168	16,719,589	\$16,478,966
Alligator River	1,242,487	\$878,632	1,669,906	\$1,101,268
Back Bay (VA)	***	***	***	***
Bay River	364,484	\$427,704	235,350	\$265,442
Bogue Sound	395,484	\$598,119	317,128	\$440,891
Cape Fear River	715,894	\$814,939	763,611	\$782,067
Chowan River	178,205	\$94,876	184,709	\$75,314
Core Sound	1,522,879	\$1,741,957	1,733,874	\$1,792,439
Croatan Sound	1,771,865	\$1,674,009	1,941,498	\$1,877,281
Currituck Sound	2,655,565	\$2,605,366	3,696,732	\$4,038,721
Inland Waterway ¹				
Inland Waterway (Brunswick)	184,908	\$231,711	196,175	\$178,316
Inland Waterway (Onslow)	121,181	\$346,321	163,549	\$266,432
Lockwood's Folly River	55,892	\$166,578	65,906	\$229,232
Masonboro Sound	282,066	\$406,553	234,640	\$318,025
Neuse River	1,237,426	\$1,317,908	1,120,154	\$1,147,077
New River	657,023	\$1,732,694	493,198	\$1,224,323
Newport River	325,779	\$633,937	263,818	\$486,877
North River/Back Sound	125,321	\$309,089	159,122	\$351,678
Ocean 0-3 mi, N of Cape Hatteras	2,952,379	\$1,950,839	3,089,143	\$1,614,479
Ocean 0-3 mi, S of Cape Hatteras	5,342,453	\$4,233,083	3,714,452	\$3,319,862
Ocean >3 mi, N of Cape Hatteras	13,751,158	\$15,018,790	13,963,594	\$15,089,277
Ocean >3 mi, S of Cape Hatteras	4,262,679	\$7,198,619	4,020,245	\$8,887,217
Ocean less than 3 miles ²				
Ocean more than 3 miles ²				
Pamlico River	3,176,652	\$2,552,359	1,460,951	\$1,367,584
Pamlico Sound	12,758,561	\$18,261,789	10,239,912	\$12,761,653
Pasquotank River	2,338	\$2,713	5,580	\$5,380
Perquimans River	67,836	\$77,053	88,535	\$96,630
Pungo River	994,973	\$829,521	547,133	\$444,044
Roanoke River	***	***	6,460	\$1,595
Roanoke Sound	1,160,521	\$1,116,473	1,089,977	\$1,098,399
Shalotte River	70,131	\$260,678	46,664	\$176,299
Stump Sound	158,393	\$426,910	163,953	\$310,294
Topsail Sound	421,400	\$817,697	419,331	\$645,551
Unknown	0	\$0	0	\$0
White Oak River	100,923	\$154,527	145,841	\$319,878

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

Waterbody	2008		2007	
	Pounds	Value	Pounds	Value
Albemarle Sound	19,605,721	\$17,582,834	12,669,224	\$13,371,657
Alligator River	1,235,342	\$884,506	786,847	\$525,314
Back Bay (VA)	0	\$0	0	\$0
Bay River	203,031	\$201,518	175,847	\$194,415
Bogue Sound	392,789	\$564,746	327,161	\$633,426
Cape Fear River	848,503	\$762,356	683,162	\$778,928
Chowan River	215,073	\$107,467	194,805	\$99,139
Core Sound	2,032,384	\$2,521,859	1,937,891	\$1,984,739
Croatan Sound	1,607,654	\$1,657,622	1,140,676	\$1,377,952
Currituck Sound	2,783,837	\$2,691,316	1,869,433	\$2,123,414
Inland Waterway ¹			***	***
Inland Waterway (Brunswick)	123,889	\$171,010	92,027	\$115,028
Inland Waterway (Onslow)	125,875	\$284,412	181,081	\$270,244
Lockwood's Folly River	85,492	\$233,697	111,478	\$289,935
Masonboro Sound	255,048	\$348,221	199,023	\$338,862
Neuse River	1,528,616	\$1,720,789	1,585,389	\$1,411,439
New River	584,663	\$1,612,500	639,647	\$1,697,757
Newport River	300,409	\$566,953	364,855	\$590,880
North River/Back Sound	246,075	\$438,620	327,677	\$725,705
Ocean 0-3 mi, N of Cape Hatteras	1,533,150	\$1,539,660	2,102,282	\$1,956,522
Ocean 0-3 mi, S of Cape Hatteras	3,955,581	\$5,866,968	3,834,859	\$4,946,741
Ocean >3 mi, N of Cape Hatteras	11,788,002	\$13,882,784	14,325,247	\$16,872,416
Ocean >3 mi, S of Cape Hatteras	4,233,397	\$9,708,635	3,888,930	\$8,755,999
Ocean less than 3 miles ²				
Ocean more than 3 miles ²				
Pamlico River	1,877,677	\$1,578,997	2,176,840	\$1,861,006
Pamlico Sound	12,612,570	\$18,381,636	10,879,882	\$17,663,892
Pasquotank River	1,131	\$1,038	***	***
Perquimans River	83,105	\$108,274	49,528	\$60,752
Pungo River	671,525	\$539,567	609,797	\$610,382
Roanoke River	6,852	\$2,457	9,169	\$4,249
Roanoke Sound	1,556,539	\$1,449,825	984,402	\$1,433,223
Shalotte River	58,384	\$214,646	70,934	\$272,163
Stump Sound	144,139	\$357,108	149,503	\$381,297
Topsail Sound	368,193	\$639,744	376,589	\$713,222
Unknown	0	\$0	0	\$0
White Oak River	135,582	\$187,937	130,367	\$222,078

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

Waterbody	2006		2005	
	Pounds	Value	Pounds	Value
Albemarle Sound	13,577,748	\$10,152,851	10,376,302	\$8,461,824
Alligator River	407,933	\$268,389	392,728	\$221,270
Back Bay (VA)	0	\$0	***	***
Bay River	207,657	\$174,905	391,827	\$314,531
Bogue Sound	421,235	\$616,512	305,342	\$431,061
Cape Fear River	704,368	\$603,386	645,089	\$646,786
Chowan River	278,013	\$147,034	376,911	\$146,167
Core Sound	2,177,932	\$2,292,876	2,282,125	\$2,218,101
Croatan Sound	1,246,743	\$1,136,058	1,233,571	\$1,493,918
Currituck Sound	1,296,427	\$1,063,717	1,008,210	\$971,035
Inland Waterway ¹	***	***	46,358	\$40,014
Inland Waterway (Brunswick)	178,414	\$103,067	177,303	\$103,498
Inland Waterway (Onslow)	170,101	\$242,080	152,927	\$334,441
Lockwood's Folly River	72,152	\$174,152	49,351	\$124,068
Masonboro Sound	305,626	\$385,395	321,115	\$419,561
Neuse River	2,324,185	\$1,680,262	2,651,546	\$2,067,996
New River	709,764	\$1,765,134	559,847	\$1,702,190
Newport River	388,969	\$527,280	441,531	\$600,744
North River/Back Sound	452,401	\$769,817	325,835	\$497,291
Ocean 0-3 mi, N of Cape Hatteras	1,510,373	\$1,142,752	2,400,159	\$1,701,726
Ocean 0-3 mi, S of Cape Hatteras	4,129,940	\$4,980,845	15,267,330	\$4,721,056
Ocean >3 mi, N of Cape Hatteras	20,236,559	\$18,990,454	20,218,869	\$15,979,744
Ocean >3 mi, S of Cape Hatteras	4,223,991	\$8,106,139	4,796,010	\$7,957,275
Ocean less than 3 miles ²	***	***	***	***
Ocean more than 3 miles ²				
Pamlico River	2,928,302	\$1,876,123	3,780,325	\$2,703,958
Pamlico Sound	7,585,561	\$9,425,298	8,041,395	\$7,182,708
Pasquotank River	19,446	\$7,306	7,389	\$3,921
Perquimans River	47,217	\$54,335	28,419	\$20,964
Pungo River	1,346,319	\$833,798	1,207,390	\$878,146
Roanoke River	36,508	\$14,835	68,757	\$19,139
Roanoke Sound	1,001,534	\$1,153,761	1,253,545	\$1,722,186
Shalotte River	78,726	\$276,194	88,866	\$197,060
Stump Sound	171,757	\$360,447	191,546	\$332,629
Topsail Sound	354,765	\$576,144	380,946	\$470,573
Unknown	0	\$0	0	\$0
White Oak River	146,034	\$180,670	153,834	\$199,228

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

Waterbody	2004		2003	
	Pounds	Value	Pounds	Value
Albemarle Sound	11,968,528	\$9,478,785	15,526,432	\$14,057,913
Alligator River	399,222	\$204,842	2,557,112	\$2,135,054
Back Bay (VA)	***	***	0	\$0
Bay River	466,601	\$293,657	585,136	\$463,283
Bogue Sound	372,710	\$538,653	563,219	\$759,086
Cape Fear River	667,703	\$735,586	678,973	\$991,958
Chowan River	282,905	\$75,760	365,153	\$107,848
Core Sound	3,001,105	\$2,699,007	3,752,490	\$3,749,556
Croatan Sound	1,547,653	\$1,554,046	1,382,853	\$1,122,777
Currituck Sound	2,229,767	\$1,772,970	2,546,110	\$2,786,796
Inland Waterway ¹	136,384	\$81,597	251,218	\$246,293
Inland Waterway (Brunswick)	82,176	\$87,078	66,054	\$79,496
Inland Waterway (Onslow)	190,770	\$347,274	201,611	\$335,066
Lockwood's Folly River	54,184	\$159,360	82,637	\$179,738
Masonboro Sound	256,740	\$395,729	281,947	\$433,689
Neuse River	2,820,175	\$2,092,553	2,589,531	\$2,239,599
New River	839,819	\$1,979,599	947,215	\$2,237,245
Newport River	519,249	\$725,513	514,305	\$717,786
North River/Back Sound	444,087	\$556,924	283,176	\$425,255
Ocean 0-3 mi, N of Cape Hatteras	3,134,026	\$1,749,904	3,066,012	\$1,702,525
Ocean 0-3 mi, S of Cape Hatteras	54,788,387	\$9,341,988	51,679,178	\$8,648,023
Ocean >3 mi, N of Cape Hatteras	22,852,234	\$16,437,528	20,485,865	\$12,165,274
Ocean >3 mi, S of Cape Hatteras	5,349,353	\$9,088,656	5,696,322	\$8,079,943
Ocean less than 3 miles ²	7,073	\$3,541	9,088	\$5,367
Ocean more than 3 miles ²	***	***	0	\$0
Pamlico River	4,245,404	\$2,622,774	3,942,953	\$3,218,851
Pamlico Sound	13,711,606	\$12,784,634	16,222,334	\$14,577,561
Pasquotank River	4,040	\$6,397	19,696	\$20,864
Perquimans River	46,764	\$30,797	93,443	\$62,440
Pungo River	1,466,963	\$991,319	1,556,236	\$1,351,676
Roanoke River	29,964	\$10,438	***	***
Roanoke Sound	1,314,851	\$1,542,612	2,566,207	\$2,733,148
Shalotte River	94,154	\$229,380	86,452	\$268,104
Stump Sound	188,823	\$351,533	199,350	\$313,749
Topsail Sound	349,445	\$453,449	327,987	\$491,502
Unknown	0	\$0	0	\$0
White Oak River	236,834	\$276,613	289,034	\$403,147

¹ The "Inland Waterway" code was split into subcategories in 2006.

²The 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	2002		2001	
	Pounds	Value	Pounds	Value
Albemarle Sound	18,331,796	\$16,774,714	12,775,886	\$13,358,549
Alligator River	2,290,476	\$1,663,670	1,078,472	\$937,893
Back Bay (VA)	0	\$0	0	\$0
Bay River	531,539	\$421,617	618,357	\$558,340
Bogue Sound	415,061	\$562,475	536,963	\$676,811
Cape Fear River	850,752	\$1,097,499	680,259	\$816,647
Chowan River	522,292	\$152,248	657,997	\$183,890
Core Sound	3,797,000	\$3,271,306	4,284,823	\$3,964,640
Croatan Sound	1,672,407	\$1,369,485	1,587,120	\$1,696,795
Currituck Sound	2,870,616	\$3,163,759	1,658,571	\$1,606,122
Inland Waterway ¹	465,633	\$539,780	604,043	\$806,774
Inland Waterway (Brunswick)	2,950	\$8,717		
Inland Waterway (Onslow)	24,064	\$65,086		
Lockwood's Folly River	47,463	\$162,604	76,107	\$280,474
Masonboro Sound	253,767	\$372,700	268,930	\$484,033
Neuse River	2,431,813	\$2,108,594	2,120,993	\$1,964,608
New River	1,176,832	\$2,542,409	987,969	\$2,115,963
Newport River	691,944	\$861,309	571,769	\$1,073,764
North River/Back Sound	265,622	\$354,453	154,630	\$299,493
Ocean 0-3 mi, N of Cape Hatteras	4,730,797	\$2,775,323	14,043,109	\$2,903,581
Ocean 0-3 mi, S of Cape Hatteras	71,813,882	\$9,854,924	50,272,953	\$8,415,917
Ocean >3 mi, N of Cape Hatteras	17,011,029	\$12,123,569	15,724,074	\$11,414,136
Ocean >3 mi, S of Cape Hatteras	6,011,076	\$7,136,461	5,767,386	\$7,576,956
Ocean less than 3 miles ²	***	***	***	***
Ocean more than 3 miles ²	0	\$0	0	\$0
Pamlico River	3,537,443	\$2,882,204	2,566,846	\$2,423,558
Pamlico Sound	15,752,223	\$19,271,333	15,459,483	\$18,246,764
Pasquotank River	78,558	\$71,586	114,918	\$121,785
Perquimans River	71,694	\$57,341	47,189	\$37,000
Pungo River	1,581,145	\$1,224,411	1,029,743	\$986,481
Roanoke River	36,472	\$7,567	58,335	\$15,052
Roanoke Sound	2,010,398	\$2,287,732	2,417,605	\$3,017,144
Shalotte River	88,031	\$260,181	132,234	\$458,901
Stump Sound	201,655	\$372,673	196,395	\$455,131
Topsail Sound	224,594	\$437,126	317,319	\$607,285
Unknown	0	\$0	0	\$0
White Oak River	381,352	\$491,481	349,988	\$636,433

¹ The "Inland Waterway" code was split into subcategories in 2006.²The 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	2000		1999	
	Pounds	Value	Pounds	Value
Albemarle Sound	15,526,073	\$15,314,006	14,898,838	\$11,070,330
Alligator River	1,654,134	\$1,422,611	1,387,040	\$919,944
Back Bay (VA)	0	\$0	0	\$0
Bay River	1,307,052	\$1,157,302	1,691,651	\$1,180,419
Bogue Sound	639,109	\$807,823	428,981	\$599,088
Cape Fear River	728,472	\$785,207	745,639	\$686,067
Chowan River	802,679	\$235,215	895,224	\$322,352
Core Sound	4,356,667	\$3,957,937	5,138,589	\$4,524,483
Croatan Sound	1,372,071	\$1,391,640	2,489,096	\$1,793,268
Currituck Sound	2,122,696	\$2,112,071	2,042,858	\$1,420,295
Inland Waterway ¹	687,131	\$902,983	512,513	\$566,955
Inland Waterway (Brunswick)				
Inland Waterway (Onslow)				
Lockwood's Folly River	47,924	\$225,923	29,494	\$116,630
Masonboro Sound	249,225	\$421,300	214,652	\$346,269
Neuse River	2,931,481	\$2,812,592	4,919,424	\$3,857,118
New River	1,411,497	\$3,473,165	992,347	\$2,119,915
Newport River	615,141	\$935,662	831,463	\$1,212,274
North River/Back Sound	276,180	\$458,198	253,690	\$400,842
Ocean 0-3 mi, N of Cape Hatteras	6,111,924	\$3,346,028	6,993,219	\$3,498,628
Ocean 0-3 mi, S of Cape Hatteras	59,477,107	\$9,034,777	7,288,770	\$8,730,612
Ocean >3 mi, N of Cape Hatteras	17,091,931	\$12,043,215	13,748,558	\$9,061,129
Ocean >3 mi, S of Cape Hatteras	7,159,261	\$8,737,703	6,411,322	\$7,699,585
Ocean less than 3 miles ²	16,994	\$10,882	40,758,873	\$2,951,627
Ocean more than 3 miles ²	0	\$0	792,853	\$818,922
Pamlico River	4,216,761	\$3,622,093	8,070,567	\$5,142,271
Pamlico Sound	20,589,444	\$29,240,924	27,207,712	\$25,693,000
Pasquotank River	36,631	\$32,193	99,852	\$88,416
Perquimans River	36,640	\$25,332	32,603	\$24,390
Pungo River	2,335,241	\$2,063,842	2,207,002	\$1,420,929
Roanoke River	49,701	\$14,850	13,731	\$4,091
Roanoke Sound	1,322,093	\$1,928,152	1,650,628	\$1,724,769
Shalotte River	89,235	\$369,459	73,698	\$292,726
Stump Sound	208,599	\$351,605	255,430	\$433,144
Topsail Sound	307,349	\$640,858	369,453	\$553,626
Unknown	174,249	\$52,214	0	\$0
White Oak River	269,407	\$387,048	296,281	\$406,918

¹ The "Inland Waterway" code was split into subcategories in 2006.

²The ocean codes were split into subcategories in 1994.

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

Waterbody	1998		1997	
	Pounds	Value	Pounds	Value
Albemarle Sound	14,649,584	\$12,711,358	10,429,327	\$8,883,162
Alligator River	1,482,820	\$1,067,348	744,434	\$457,985
Back Bay (VA)	0	\$0	0	\$0
Bay River	3,213,803	\$2,226,545	4,114,309	\$2,647,539
Bogue Sound	495,801	\$639,523	481,734	\$655,934
Cape Fear River	802,484	\$783,534	824,878	\$900,007
Chowan River	871,549	\$285,650	696,703	\$229,422
Core Sound	6,436,150	\$4,765,799	7,015,344	\$5,694,046
Croatan Sound	3,247,855	\$2,431,922	2,174,611	\$2,185,260
Currituck Sound	2,602,684	\$2,230,285	2,389,693	\$1,907,186
Inland Waterway ¹	500,785	\$528,708	565,185	\$722,484
Inland Waterway (Brunswick)				
Inland Waterway (Onslow)				
Lockwood's Folly River	44,348	\$152,850	84,424	\$322,580
Masonboro Sound	286,934	\$445,867	230,861	\$416,274
Neuse River	4,607,940	\$3,629,866	5,244,809	\$3,995,716
New River	1,047,715	\$2,605,163	945,059	\$2,468,455
Newport River	671,065	\$986,170	797,742	\$1,331,681
North River/Back Sound	313,268	\$394,104	208,761	\$418,286
Ocean 0-3 mi, N of Cape Hatteras	7,998,803	\$3,190,892	6,878,600	\$2,418,546
Ocean 0-3 mi, S of Cape Hatteras	20,335,858	\$7,212,917	46,647,325	\$9,250,257
Ocean >3 mi, N of Cape Hatteras	10,120,862	\$6,707,721	11,864,692	\$6,783,544
Ocean >3 mi, S of Cape Hatteras	8,792,612	\$8,730,710	7,372,884	\$7,155,608
Ocean less than 3 miles ²	49,605,030	\$5,124,988	71,094,261	\$8,154,167
Ocean more than 3 miles ²	2,077,492	\$2,237,926	5,932,535	\$4,170,022
Pamlico River	7,115,199	\$5,368,222	8,306,215	\$5,432,996
Pamlico Sound	28,582,776	\$21,652,714	28,416,228	\$26,888,877
Pasquotank River	91,364	\$51,827	79,593	\$52,262
Perquimans River	49,050	\$27,218	46,697	\$30,299
Pungo River	1,757,662	\$1,372,552	2,615,848	\$1,754,997
Roanoke River	76,268	\$15,160	85,827	\$26,060
Roanoke Sound	1,445,844	\$1,854,894	1,490,143	\$2,001,626
Shalotte River	85,187	\$347,208	120,255	\$520,645
Stump Sound	252,811	\$419,497	247,162	\$412,984
Topsail Sound	313,708	\$498,567	240,912	\$396,923
Unknown	4,654	\$3,494	19,336	\$14,631
White Oak River	250,593	\$317,336	158,942	\$287,656

¹ The "Inland Waterway" code was split into subcategories in 2006.²The ocean codes were split into subcategories in 1994.

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

Waterbody	1996		1995	
	Pounds	Value	Pounds	Value
Albemarle Sound	22,400,870	\$15,435,358	17,131,837	\$15,052,494
Alligator River	2,368,629	\$1,449,737	1,612,811	\$1,298,941
Back Bay (VA)	0	\$0	0	\$0
Bay River	4,033,627	\$2,380,859	1,952,898	\$1,391,748
Bogue Sound	528,428	\$598,829	651,335	\$804,257
Cape Fear River	790,624	\$912,395	956,371	\$1,123,075
Chowan River	786,239	\$184,489	673,015	\$175,014
Core Sound	5,295,615	\$5,625,090	7,002,165	\$6,388,012
Croatan Sound	3,384,699	\$2,398,638	2,420,850	\$2,378,976
Currituck Sound	2,807,397	\$2,030,387	3,712,965	\$2,669,600
Inland Waterway ¹	672,206	\$741,058	844,979	\$1,068,306
Inland Waterway (Brunswick)				
Inland Waterway (Onslow)				
Lockwood's Folly River	91,424	\$312,909	115,166	\$333,708
Masonboro Sound	230,018	\$381,637	323,968	\$463,971
Neuse River	5,951,893	\$4,243,256	3,334,308	\$2,897,225
New River	957,349	\$2,058,594	1,155,551	\$2,043,871
Newport River	592,383	\$1,018,084	709,401	\$1,054,269
North River/Back Sound	167,165	\$379,806	368,609	\$806,191
Ocean 0-3 mi, N of Cape Hatteras	4,335,565	\$1,837,449	1,180,174	\$856,325
Ocean 0-3 mi, S of Cape Hatteras	12,619,740	\$6,269,170	1,376,398	\$1,423,197
Ocean >3 mi, N of Cape Hatteras	12,419,004	\$8,202,934	2,324,224	\$2,797,887
Ocean >3 mi, S of Cape Hatteras	4,711,932	\$5,126,162	151,402	\$190,179
Ocean less than 3 miles ²	62,075,463	\$8,246,271	75,236,677	\$11,514,703
Ocean more than 3 miles ²	10,403,852	\$7,304,597	24,853,395	\$22,179,327
Pamlico River	8,609,331	\$5,897,194	6,155,195	\$4,968,694
Pamlico Sound	20,089,535	\$17,910,156	18,383,712	\$21,748,827
Pasquotank River	160,994	\$125,649	220,100	\$176,968
Perquimans River	63,983	\$30,649	87,623	\$61,613
Pungo River	2,319,609	\$1,654,359	561,842	\$425,999
Roanoke River	77,762	\$17,404	30,181	\$5,316
Roanoke Sound	1,423,876	\$1,291,891	1,234,279	\$1,272,252
Shalotte River	105,543	\$437,139	94,554	\$376,900
Stump Sound	207,517	\$318,517	251,563	\$332,458
Topsail Sound	235,307	\$393,093	335,431	\$558,093
Unknown	6,919	\$5,859	63,066	\$131,541
White Oak River	198,175	\$311,643	258,971	\$397,957

¹ The "Inland Waterway" code was split into subcategories in 2006.

²The ocean codes were split into subcategories in 1994.

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

Waterbody	1994	
	Pounds	Value
Albemarle Sound	14,000,598	\$9,263,459
Alligator River	1,479,920	\$767,862
Back Bay (VA)	0	\$0
Bay River	2,256,348	\$1,224,308
Bogue Sound	537,109	\$549,053
Cape Fear River	1,086,370	\$1,105,180
Chowan River	1,021,070	\$213,181
Core Sound	9,675,334	\$5,754,288
Croatan Sound	2,462,118	\$1,988,676
Currituck Sound	2,568,874	\$1,381,917
Inland Waterway ¹	640,429	\$679,873
Inland Waterway (Brunswick)		
Inland Waterway (Onslow)		
Lockwood's Folly River	75,003	\$215,670
Masonboro Sound	270,376	\$319,579
Neuse River	4,194,582	\$2,829,539
New River	758,165	\$1,326,327
Newport River	662,247	\$828,998
North River/Back Sound	326,588	\$573,770
Ocean 0-3 mi, N of Cape Hatteras	***	***
Ocean 0-3 mi, S of Cape Hatteras	11,443	\$3,851
Ocean >3 mi, N of Cape Hatteras	***	***
Ocean >3 mi, S of Cape Hatteras	1,247	\$766
Ocean less than 3 miles ²	88,255,874	\$10,405,481
Ocean more than 3 miles ²	25,997,781	\$19,861,572
Pamlico River	8,091,184	\$4,763,993
Pamlico Sound	25,967,147	\$24,221,394
Pasquotank River	303,570	\$164,161
Perquimans River	108,420	\$63,936
Pungo River	0	\$0
Roanoke River	71,596	\$17,630
Roanoke Sound	1,158,033	\$1,198,180
Shalotte River	117,408	\$408,238
Stump Sound	156,769	\$184,319
Topsail Sound	283,666	\$372,569
Unknown	92,349	\$164,052
White Oak River	258,382	\$379,794

¹ The "Inland Waterway" code was split into subcategories in 2006.

²The 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	2018		2017		2016	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	20,028	4,274,276	24,935	4,935,657	20,303	3,630,257
Flounder Pound Net	1,551	680,028	1,697	882,671	1,228	491,053
Long Haul Seine	39	13,690	66	26,291	85	28,884
Ocean Gillnet	3,536	5,430,375	4,208	5,175,088	4,515	7,350,077
Ocean Trawl	218	2,135,443	213	2,349,117	280	2,727,750
Sciaenid Pound Net	324	78,088	465	136,441	376	135,022

Fishery	2015		2014		2013	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	20,765	4,259,995	24,331	4,877,425	32,785	5,687,001
Flounder Pound Net	1,491	765,981	1,420	973,476	1,691	1,089,370
Long Haul Seine	45	68,879	202	235,066	291	417,871
Ocean Gillnet	4,558	8,969,311	5,300	11,733,084	4,581	7,684,838
Ocean Trawl	281	3,698,823	284	4,809,914	74	1,007,720
Sciaenid Pound Net	345	155,013	354	202,070	440	260,037

Fishery	2012		2011		2010	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	27,884	5,310,582	25,450	5,643,223	30,099	6,433,348
Flounder Pound Net	1,194	634,923	1,263	588,840	1,279	644,299
Long Haul Seine	177	426,639	369	454,218	372	677,346
Ocean Gillnet	5,087	8,662,547	5,372	10,884,141	4,599	10,407,686
Ocean Trawl	121	1,470,833	483	7,033,232	618	8,337,269
Sciaenid Pound Net	549	348,651	349	199,851	373	193,749

Fishery	2009		2008		2007	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	36,172	6,444,919	36,516	6,121,269	36,173	5,645,861
Flounder Pound Net	1,311	669,733	1,226	761,431	1,329	550,171
Long Haul Seine	380	668,311	381	659,388	434	843,788
Ocean Gillnet	4,714	8,213,017	4,515	6,183,699	5,925	6,875,998
Ocean Trawl	560	9,368,296	486	7,195,588	516	8,528,281
Sciaenid Pound Net	354	347,339	236	206,347	216	161,710

Fishery	2006		2005		2004	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	35,629	5,822,313	34,668	6,640,890	35,347	6,365,281
Flounder Pound Net	1,142	644,654	1,242	506,038	1,100	702,998
Long Haul Seine	538	1,029,630	452	1,000,726	481	1,374,669
Ocean Gillnet	4,485	7,615,784	5,190	9,009,831	6,187	11,088,353
Ocean Trawl	569	12,393,971	633	12,964,195	780	14,840,682
Sciaenid Pound Net	207	155,457	163	185,734	243	107,917

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

Fishery	2003		2002		2001	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	39,087	7,417,366	41,056	7,866,073	45,053	8,169,125
Flounder Pound Net	1,003	564,645	1,633	1,690,815	1,697	1,505,528
Long Haul Seine	476	1,304,533	437	1,203,683	435	1,812,459
Ocean Gillnet	5,618	10,002,608	5,861	9,940,029	7,066	13,291,425
Ocean Trawl	691	14,912,390	859	11,129,830	771	10,470,758
Sciaenid Pound Net	208	84,270	310	224,628	303	248,003

Fishery	2000		1999		1998	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	48,119	8,077,455	45,689	7,610,889	44,555	8,213,434
Flounder Pound Net	1,454	1,013,414	1,340	859,698	1,942	1,372,299
Long Haul Seine	438	1,562,250	558	1,244,552	639	1,869,925
Ocean Gillnet	6,493	14,570,613	7,364	14,195,316	8,234	17,581,074
Ocean Trawl	628	10,705,093	706	10,547,906	908	9,593,434
Sciaenid Pound Net	332	271,397	617	629,585	637	770,390

Fishery	1997		1996		1995	
	Trips	Pounds	Trips	Pounds	Trips	Pounds
Estuarine Gillnet	50,824	7,880,518	45,579	6,598,685	49,757	7,530,802
Flounder Pound Net	2,367	1,503,017	2,614	1,790,411	2,580	1,787,071
Long Haul Seine	749	2,527,577	998	2,112,554	978	2,261,860
Ocean Gillnet	9,295	19,396,728	8,697	25,445,363	8,512	18,660,602
Ocean Trawl	680	11,227,005	636	11,204,071	733	11,105,346
Sciaenid Pound Net	778	705,610	714	458,391	705	583,900

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

Footnote: Fisheries were defined as the following:

- 1) Estuarine Gillnet = All gillnet landings from estuarine (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

Table II.12 Commercial seafood landings by gear.

Gear	2018		2017	
	Pounds	Value	Pounds	Value
Beach Seine	25,711	\$24,499	58,973	\$49,480
By Hand	643,406	\$4,000,315	811,753	\$5,211,926
Cast Net	94,441	\$82,363	97,085	\$68,827
Channel Net	120,068	\$183,309	147,305	\$239,931
Clam Dredge	10,423	\$111,814	11,198	\$122,614
Clam Trawl Kicking	398	\$3,066	1,428	\$9,901
Crab Dredge	0	\$0	0	\$0
Crab Pot	16,591,443	\$17,816,784	18,170,586	\$18,259,177
Crab Trawl	39,183	\$43,000	182,417	\$187,746
Eel Pot	16,539	\$26,674	24,744	\$14,000
Fish Pot	182,937	\$480,180	204,227	\$427,885
Flounder Trawl	2,184,147	\$7,988,145	2,261,963	\$7,681,131
Flynet	40,460	\$45,714	131,104	\$130,470
Fyke Net	317,866	\$122,463	442,179	\$181,449
Gigs	103,699	\$405,106	162,574	\$596,930
Gill Net (anchored)	7,953,496	\$7,589,406	8,438,395	\$9,256,629
Gill Net (drift)	506,284	\$558,119	274,989	\$378,767
Gill Net (runaround)	1,243,305	\$1,151,594	1,397,362	\$1,445,007
Haul Seine	13,901	\$17,179	26,609	\$38,887
Longline	1,640,173	\$4,481,054	2,183,285	\$5,404,330
Other	176,513	\$1,187,158	168,922	\$1,147,104
Oyster Dredge	14,669	\$123,678	67,629	\$587,520
Peeler Pot	455,803	\$1,895,284	1,019,802	\$3,879,390
Peeler Trawl ¹	939	\$2,191	797	\$1,693
Pound Net	1,470,529	\$2,507,135	1,513,779	\$3,486,148
Purse Seine	0	\$0	0	\$0
Rake	100,435	\$783,370	182,678	\$1,292,249
Rod-n-Reel	1,110,260	\$3,449,171	1,084,381	\$3,340,012
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	9,403,900	\$19,463,592	13,390,858	\$28,606,820
Skimmer Trawl	277,552	\$495,260	619,179	\$1,069,427
Tongs, Hand	57,680	\$474,348	74,543	\$635,569
Trolling	795,238	\$2,005,609	1,074,322	\$2,481,941
Trolling, Greenstick ²	126,746	\$362,239	138,510	\$351,489
Trotline	44,401	\$11,133	31,796	\$8,768
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2016		2015	
	Pounds	Value	Pounds	Value
Beach Seine	19,955	\$20,320	35,267	\$22,754
By Hand	580,448	\$3,410,049	457,872	\$3,503,052
Cast Net	106,663	\$60,541	142,629	\$150,785
Channel Net	156,964	\$230,958	232,850	\$285,627
Clam Dredge	17,376	\$155,743	24,365	\$274,401
Clam Trawl Kicking	3,104	\$19,640	6,118	\$61,582
Crab Dredge	2,160	\$1,648	1,382	\$1,217
Crab Pot	24,855,080	\$21,601,237	31,101,127	\$30,438,526
Crab Trawl	260,891	\$263,724	261,577	\$300,404
Eel Pot	39,464	\$87,165	56,068	\$138,568
Fish Pot	135,963	\$262,101	203,699	\$401,811
Flounder Trawl	2,535,873	\$9,096,175	3,543,173	\$10,047,329
Flynet	199,820	\$193,838	166,025	\$109,911
Fyke Net	392,411	\$152,000	424,941	\$174,843
Gigs	148,586	\$544,574	148,790	\$445,372
Gill Net (anchored)	9,995,392	\$8,681,481	12,008,249	\$8,065,913
Gill Net (drift)	64,283	\$81,473	164,882	\$205,618
Gill Net (runaround)	920,659	\$936,115	1,056,387	\$811,334
Haul Seine	35,926	\$49,307	68,879	\$61,088
Longline	1,973,349	\$4,975,314	2,017,312	\$4,715,705
Other	238,003	\$2,227,018	236,104	\$2,328,717
Oyster Dredge	124,866	\$1,011,456	206,922	\$1,527,431
Peeler Pot	505,085	\$2,445,436	832,749	\$3,308,081
Peeler Trawl ¹	1,323	\$3,928	1,580	\$4,720
Pound Net	1,199,646	\$2,213,939	1,470,617	\$2,683,086
Purse Seine	0	\$0	0	\$0
Rake	225,387	\$1,576,323	303,690	\$3,006,804
Rod-n-Reel	1,138,682	\$3,380,719	965,863	\$2,878,940
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	12,533,847	\$27,247,747	8,587,155	\$16,216,651
Skimmer Trawl	740,185	\$1,027,988	448,920	\$555,586
Tongs, Hand	69,255	\$546,037	80,080	\$703,245
Trolling	670,023	\$1,480,325	648,816	\$1,204,507
Trolling, Greenstick ²	63,011	\$133,961	33,615	\$85,747
Trotline	23,401	\$7,035	9,940	\$3,226
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2014		2013	
	Pounds	Value	Pounds	Value
Beach Seine	160,310	\$100,442	117,550	\$129,659
By Hand	443,699	\$2,620,064	376,220	\$2,115,514
Cast Net	129,922	\$81,559	108,896	\$71,262
Channel Net	166,774	\$296,853	338,507	\$648,790
Clam Dredge	34,712	\$238,178	30,262	\$215,437
Clam Trawl Kicking	8,253	\$49,570	12,416	\$75,948
Crab Dredge	226	\$140	27	\$174
Crab Pot	25,534,608	\$31,254,009	21,783,620	\$28,075,766
Crab Trawl	81,436	\$95,592	68,562	\$76,266
Eel Pot	57,419	\$154,261	31,062	\$81,529
Fish Pot	243,571	\$513,617	237,260	\$522,859
Flounder Trawl	3,558,212	\$9,016,925	1,002,005	\$1,771,043
Flynet	1,264,330	\$744,940	5,797	\$3,324
Fyke Net	272,056	\$140,578	295,417	\$113,824
Gigs	152,072	\$443,232	141,757	\$357,332
Gill Net (anchored)	15,075,269	\$9,438,932	12,083,847	\$10,335,085
Gill Net (drift)	91,968	\$89,237	63,522	\$83,713
Gill Net (runaround)	1,443,271	\$1,132,961	1,224,470	\$1,322,201
Haul Seine	237,688	\$160,393	419,557	\$339,734
Longline	2,864,706	\$6,706,582	2,543,852	\$6,414,836
Other	341,943	\$1,360,316	90,195	\$563,156
Oyster Dredge	345,743	\$2,270,283	233,223	\$1,385,311
Peeler Pot	638,860	\$2,740,746	397,722	\$1,964,837
Peeler Trawl ¹	1,849	\$5,720	1,813	\$6,089
Pound Net	1,638,824	\$2,977,665	1,687,107	\$3,097,918
Purse Seine	0	\$0	0	\$0
Rake	281,063	\$1,824,269	210,189	\$1,362,652
Rod-n-Reel	1,215,779	\$3,382,315	1,115,852	\$3,134,644
Scallop Dredge (bay)	0	\$0	2	\$13
Shrimp Trawl	4,610,173	\$13,815,472	4,455,700	\$12,001,423
Skimmer Trawl	148,650	\$256,042	345,736	\$586,654
Tongs, Hand	89,346	\$557,250	97,834	\$587,088
Trolling	835,460	\$1,640,351	668,020	\$1,638,829
Trolling, Greenstick ²	117	\$227	3,382	\$18,712
Trotline	7,105	\$1,556	5,853	\$2,057
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2012		2011	
	Pounds	Value	Pounds	Value
Beach Seine	102,339	\$45,634	94,092	\$87,097
By Hand	325,646	\$1,820,674	331,453	\$1,874,104
Cast Net	118,693	\$63,580	61,481	\$42,576
Channel Net	254,838	\$435,937	100,491	\$112,545
Clam Dredge	100,802	\$306,982	32,949	\$229,998
Clam Trawl Kicking	13,976	\$79,580	23,754	\$138,402
Crab Dredge	2,335	\$1,854	6,880	\$4,415
Crab Pot	26,351,721	\$21,550,133	29,191,454	\$19,162,907
Crab Trawl	7,867	\$6,558	252,643	\$148,144
Eel Pot	56,335	\$140,547	61,450	\$122,900
Fish Pot	229,629	\$505,606	197,786	\$383,779
Flounder Trawl	1,147,818	\$3,035,306	3,380,756	\$6,611,863
Flynet	323,015	\$186,578	4,751,005	\$1,051,001
Fyke Net	194,326	\$84,126	141,924	\$57,202
Gigs	175,248	\$423,579	127,188	\$273,356
Gill Net (anchored)	12,284,942	\$9,644,112	15,263,221	\$10,193,879
Gill Net (drift)	221,458	\$257,624	39,534	\$33,269
Gill Net (runaround)	1,466,729	\$1,010,167	1,224,608	\$848,270
Haul Seine	426,639	\$373,816	454,218	\$305,521
Longline	2,676,660	\$7,600,518	2,151,569	\$5,429,925
Other	96,124	\$654,188	109,459	\$931,161
Oyster Dredge	122,986	\$708,889	484,844	\$2,563,415
Peeler Pot	483,677	\$1,429,159	673,289	\$2,088,618
Peeler Trawl ¹	2,466	\$5,927	2,772	\$4,757
Pound Net	1,344,614	\$2,152,974	1,167,914	\$1,445,732
Purse Seine	0	\$0	0	\$0
Rake	169,454	\$1,074,502	142,174	\$901,816
Rod-n-Reel	1,243,874	\$3,748,615	1,227,353	\$3,279,275
Scallop Dredge (bay)	27	\$161	0	\$0
Shrimp Trawl	5,707,327	\$12,525,239	5,031,735	\$10,726,044
Skimmer Trawl	313,123	\$494,921	56,481	\$94,050
Tongs, Hand	129,220	\$745,936	136,037	\$763,505
Trolling	589,856	\$1,456,103	580,016	\$1,274,027
Trolling, Greenstick ²				
Trotline	7,172	\$1,565	1,484	\$456
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2010		2009	
	Pounds	Value	Pounds	Value
Beach Seine	140,871	\$83,805	123,082	\$70,115
By Hand	344,380	\$1,925,546	314,052	\$1,597,400
Cast Net	105,056	\$43,524	114,429	\$82,607
Channel Net	133,336	\$191,230	185,546	\$211,125
Clam Dredge	56,369	\$428,669	38,194	\$212,937
Clam Trawl Kicking	39,669	\$275,934	43,780	\$233,481
Crab Dredge	52,876	\$46,381	8,013	\$7,222
Crab Pot	29,824,221	\$24,633,067	28,511,807	\$25,695,758
Crab Trawl	305,052	\$258,805	991,719	\$597,595
Eel Pot	121,275	\$348,627	64,626	\$152,517
Fish Pot	322,834	\$699,308	463,024	\$875,184
Flounder Trawl	3,732,459	\$7,660,133	3,449,936	\$6,155,422
Flynet	5,686,827	\$2,330,626	5,918,660	\$2,443,095
Fyke Net	101,016	\$61,773	145,562	\$71,989
Gigs	140,491	\$282,151	96,848	\$170,850
Gill Net (anchored)	15,076,607	\$9,964,743	13,116,741	\$9,735,760
Gill Net (drift)	53,794	\$48,707	13,162	\$12,913
Gill Net (runaround)	1,710,632	\$1,001,188	1,528,032	\$816,572
Haul Seine	677,346	\$428,989	668,311	\$399,248
Longline	1,945,803	\$4,102,994	2,088,631	\$3,933,007
Other	206,649	\$1,301,256	417,509	\$2,413,514
Oyster Dredge	749,264	\$3,568,418	297,748	\$1,378,078
Peeler Pot	506,454	\$1,629,569	283,644	\$1,169,830
Peeler Trawl ¹	2,746	\$5,846		
Pound Net	1,206,824	\$1,674,891	1,331,443	\$1,646,988
Purse Seine	475,700	\$40,305	0	\$0
Rake	142,060	\$968,243	152,224	\$858,992
Rod-n-Reel	1,558,019	\$3,688,659	1,896,690	\$4,111,201
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	5,661,456	\$10,253,114	5,239,668	\$8,340,236
Skimmer Trawl	285,498	\$384,621	181,647	\$174,070
Tongs, Hand	106,097	\$553,766	103,598	\$504,774
Trolling	529,636	\$981,755	1,174,860	\$3,123,390
Trolling, Greenstick ²				
Trotline	545	\$89	133	\$110
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2008		2007	
	Pounds	Value	Pounds	Value
Beach Seine	200,071	\$245,056	229,469	\$138,172
By Hand	345,428	\$1,725,901	370,855	\$2,019,284
Cast Net	77,286	\$38,875	77,482	\$44,216
Channel Net	261,531	\$342,646	175,462	\$278,922
Clam Dredge	50,403	\$299,491	36,322	\$240,680
Clam Trawl Kicking	32,750	\$189,084	19,144	\$102,378
Crab Dredge	0	\$0	2,664	\$2,760
Crab Pot	31,045,109	\$25,622,291	20,993,107	\$19,709,172
Crab Trawl	1,605,273	\$880,324	32,376	\$34,697
Eel Pot	22,846	\$51,404	38,953	\$73,669
Fish Pot	331,440	\$661,344	372,403	\$662,823
Flounder Trawl	3,117,958	\$6,068,281	3,192,097	\$6,970,610
Flynet	4,150,040	\$2,046,690	5,580,358	\$2,265,417
Fyke Net	124,617	\$72,475	258,716	\$131,022
Gigs	97,565	\$190,092	116,910	\$250,038
Gill Net (anchored)	10,824,941	\$9,829,327	11,251,700	\$9,815,575
Gill Net (drift)	34,362	\$36,457	24,148	\$12,548
Gill Net (runaround)	1,445,665	\$714,250	1,246,010	\$657,469
Haul Seine	659,388	\$413,007	843,850	\$513,664
Longline	1,753,621	\$3,894,989	2,441,608	\$5,193,627
Other	199,097	\$1,068,252	279,023	\$1,694,051
Oyster Dredge	157,150	\$686,540	106,840	\$540,758
Peeler Pot	309,151	\$1,079,451	417,799	\$1,694,927
Peeler Trawl ¹				
Pound Net	1,181,543	\$1,829,516	1,342,078	\$1,498,671
Purse Seine	0	\$0	0	\$0
Rake	167,017	\$1,002,052	231,257	\$1,349,316
Rod-n-Reel	2,211,211	\$5,136,734	1,983,143	\$4,721,165
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	9,108,323	\$18,727,131	9,044,300	\$17,202,339
Skimmer Trawl	379,896	\$461,979	590,953	\$678,204
Tongs, Hand	121,068	\$580,407	127,649	\$670,038
Trolling	1,185,480	\$2,915,657	1,446,162	\$3,115,435
Trolling, Greenstick ²				
Trotline	0	\$0	2,141	\$1,893
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2006		2005	
	Pounds	Value	Pounds	Value
Beach Seine	404,753	\$276,373	658,896	\$833,083
By Hand	311,485	\$1,694,363	284,636	\$1,549,609
Cast Net	51,597	\$28,505	38,488	\$19,097
Channel Net	183,262	\$229,523	132,889	\$189,087
Clam Dredge	38,532	\$247,915	42,756	\$299,061
Clam Trawl Kicking	32,163	\$137,654	50,993	\$243,927
Crab Dredge	40	\$25	769	\$518
Crab Pot	24,757,764	\$15,515,693	23,929,406	\$17,063,764
Crab Trawl	148,962	\$97,665	429,387	\$399,419
Eel Pot	33,081	\$69,326	49,856	\$103,571
Fish Pot	555,392	\$902,229	412,500	\$519,349
Flounder Trawl	4,547,634	\$9,399,061	5,028,396	\$8,586,142
Flynet	8,760,624	\$3,042,679	9,070,656	\$2,547,064
Fyke Net	225,416	\$106,251	195,997	\$78,005
Gigs	93,703	\$181,269	76,239	\$125,693
Gill Net (anchored)	12,019,201	\$9,106,262	14,277,816	\$8,484,481
Gill Net (drift)	41,729	\$32,912	214,253	\$63,167
Gill Net (runaround)	1,377,167	\$887,081	1,158,651	\$642,487
Haul Seine	1,030,980	\$671,315	1,061,120	\$497,884
Longline	2,916,119	\$4,883,874	2,468,339	\$3,810,534
Other	128,023	\$824,045	57,327	\$334,722
Oyster Dredge	149,670	\$734,624	135,518	\$579,373
Peeler Pot	472,219	\$1,524,555	1,080,559	\$2,857,364
Peeler Trawl ¹				
Pound Net	1,212,258	\$1,667,448	1,135,225	\$1,211,993
Purse Seine	0	\$0	11,883,790	\$1,069,541
Rake	239,054	\$1,472,155	197,641	\$1,333,885
Rod-n-Reel	1,665,677	\$3,571,368	1,606,601	\$3,245,071
Scallop Dredge (bay)	0	\$0	0	\$0
Shrimp Trawl	5,013,152	\$8,452,831	2,148,628	\$4,016,341
Skimmer Trawl	689,662	\$597,068	179,357	\$266,903
Tongs, Hand	115,486	\$610,825	96,811	\$482,404
Trolling	1,519,518	\$3,116,656	1,515,864	\$3,432,314
Trolling, Greenstick ²				
Trotline	9,025	\$3,769	9,545	\$2,553
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2004		2003	
	Pounds	Value	Pounds	Value
Beach Seine	494,583	\$397,963	115,454	\$55,375
By Hand	350,914	\$1,825,990	342,539	\$1,765,876
Cast Net	39,498	\$18,974	35,571	\$22,953
Channel Net	155,486	\$231,817	259,415	\$423,126
Clam Dredge	59,474	\$400,796	45,528	\$308,818
Clam Trawl Kicking	83,187	\$422,981	74,360	\$398,320
Crab Dredge	4,936	\$3,503	8,704	\$5,016
Crab Pot	32,307,458	\$21,551,133	40,847,981	\$34,472,140
Crab Trawl	977,037	\$616,842	1,387,493	\$933,299
Eel Pot	132,148	\$267,023	169,391	\$263,024
Fish Pot	644,413	\$741,623	494,640	\$699,754
Flounder Trawl	6,125,688	\$8,664,776	4,872,811	\$6,917,958
Flynet	10,652,381	\$3,263,036	10,619,229	\$2,398,311
Fyke Net	210,323	\$94,433	258,115	\$122,857
Gigs	91,927	\$137,915	74,097	\$117,152
Gill Net (anchored)	16,340,593	\$8,562,645	16,471,924	\$8,236,032
Gill Net (drift)	56,938	\$37,417	59,297	\$38,550
Gill Net (runaround)	1,056,103	\$532,713	888,752	\$484,074
Haul Seine	1,412,181	\$607,573	1,314,570	\$600,991
Longline	2,442,141	\$3,498,121	2,224,466	\$3,274,581
Other	274,007	\$1,331,508	203,577	\$720,606
Oyster Dredge	112,689	\$467,911	49,683	\$191,357
Peeler Pot	796,946	\$2,338,148	425,517	\$1,586,964
Peeler Trawl ¹				
Pound Net	1,230,866	\$1,296,969	1,075,542	\$1,185,017
Purse Seine	49,485,530	\$4,453,698	47,548,450	\$3,808,543
Rake	212,012	\$1,284,796	213,434	\$1,294,558
Rod-n-Reel	1,583,760	\$3,430,965	1,752,487	\$3,812,354
Scallop Dredge (bay)	0	\$0	2,190	\$8,398
Shrimp Trawl	4,720,874	\$8,938,263	5,895,473	\$10,121,967
Skimmer Trawl	381,421	\$535,306	483,674	\$719,508
Tongs, Hand	112,370	\$549,613	98,362	\$473,468
Trolling	1,543,717	\$3,193,666	1,089,601	\$1,645,106
Trolling, Greenstick ²				
Trotline	15,701	\$6,960	21,180	\$6,780
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2002		2001	
	Pounds	Value	Pounds	Value
Beach Seine	650,975	\$485,770	391,916	\$266,401
By Hand	374,873	\$1,897,821	411,594	\$2,334,157
Cast Net	67,901	\$39,711	49,453	\$23,763
Channel Net	313,842	\$472,876	274,050	\$451,253
Clam Dredge	68,572	\$438,305	47,559	\$344,823
Clam Trawl Kicking	94,211	\$343,833	92,345	\$337,695
Crab Dredge	328	\$239	7,220	\$5,836
Crab Pot	35,874,493	\$30,638,735	30,025,528	\$28,146,737
Crab Trawl	1,192,405	\$711,038	1,091,919	\$879,256
Eel Pot	56,841	\$78,425	106,969	\$118,562
Fish Pot	477,040	\$623,843	600,607	\$837,807
Flounder Trawl	4,997,273	\$6,605,464	3,661,463	\$4,921,016
Flynet	6,221,118	\$2,134,819	6,809,295	\$1,839,288
Fyke Net	158,960	\$69,581	396,933	\$156,933
Gigs	82,597	\$116,692	82,884	\$128,918
Gill Net (anchored)	16,273,161	\$9,343,860	19,970,189	\$10,116,004
Gill Net (drift)	61,213	\$43,032	47,101	\$21,952
Gill Net (runaround)	1,471,728	\$761,486	1,443,260	\$769,760
Haul Seine	1,268,013	\$502,127	1,881,584	\$704,156
Longline	2,611,720	\$2,571,034	2,542,650	\$3,296,635
Other	406,259	\$1,242,362	544,809	\$1,725,967
Oyster Dredge	33,210	\$134,554	39,485	\$162,195
Peeler Pot	545,433	\$1,723,030	948,771	\$3,164,690
Peeler Trawl ¹				
Pound Net	2,515,781	\$2,565,034	2,429,190	\$2,680,289
Purse Seine	70,728,350	\$5,066,122	54,092,388	\$4,348,949
Rake	232,386	\$1,345,073	355,969	\$2,378,827
Rod-n-Reel	1,954,494	\$3,843,354	1,736,542	\$3,272,532
Scallop Dredge (bay)	1,415	\$6,009	0	\$0
Shrimp Trawl	9,286,511	\$17,090,962	5,088,097	\$11,264,148
Skimmer Trawl	837,891	\$1,140,689	320,801	\$501,657
Tongs, Hand	89,605	\$420,082	105,264	\$566,907
Trolling	1,160,918	\$2,236,664	1,550,546	\$2,362,221
Trolling, Greenstick ²				
Trotline	64,788	\$54,914	19,951	\$13,856
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	2000		1999	
	Pounds	Value	Pounds	Value
Beach Seine	795,786	\$483,531	522,999	\$305,089
By Hand	343,045	\$1,899,867	265,666	\$1,453,071
Cast Net	49,310	\$49,809	35,831	\$16,513
Channel Net	302,045	\$649,667	302,188	\$590,823
Clam Dredge	79,987	\$649,749	66,761	\$500,988
Clam Trawl Kicking	64,706	\$285,017	89,847	\$428,635
Crab Dredge	0	\$0	0	\$0
Crab Pot	38,919,730	\$34,545,920	54,983,936	\$34,913,243
Crab Trawl	1,028,085	\$873,665	1,925,483	\$1,280,869
Eel Pot	122,197	\$166,498	96,587	\$128,066
Fish Pot	532,150	\$742,189	522,824	\$687,872
Flounder Trawl	4,329,876	\$6,418,696	3,615,569	\$5,237,274
Flynet	6,458,098	\$2,072,480	6,985,866	\$2,157,740
Fyke Net	546,327	\$212,263	416,133	\$160,192
Gigs	87,693	\$145,034	61,632	\$98,354
Gill Net (anchored)	21,288,418	\$11,921,601	20,957,999	\$11,236,403
Gill Net (drift)	15,445	\$10,473	47,877	\$29,455
Gill Net (runaround)	1,344,205	\$870,854	800,329	\$527,247
Haul Seine	1,589,560	\$671,903	1,326,935	\$621,036
Longline	2,745,580	\$3,086,966	2,821,743	\$2,693,548
Other	58,658	\$188,518	62,867	\$108,051
Oyster Dredge	19,217	\$74,171	46,327	\$196,438
Peeler Pot	565,741	\$1,992,316	524,311	\$1,648,233
Peeler Trawl ¹				
Pound Net	2,131,743	\$2,076,960	2,259,933	\$1,917,834
Purse Seine	56,290,600	\$3,439,512	41,567,550	\$2,554,461
Rake	343,454	\$2,297,608	270,566	\$1,742,457
Rod-n-Reel	1,749,638	\$3,645,016	2,063,121	\$3,703,689
Scallop Dredge (bay)	642	\$2,495	11,258	\$39,155
Shrimp Trawl	10,001,732	\$24,123,831	8,829,307	\$21,189,125
Skimmer Trawl	628,768	\$1,092,045	601,852	\$902,348
Tongs, Hand	68,150	\$353,980	87,140	\$439,363
Trolling	1,675,459	\$3,246,844	1,537,834	\$2,162,282
Trolling, Greenstick ²				
Trotline	44,053	\$25,336	33,775	\$11,177
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	1998		1997	
	Pounds	Value	Pounds	Value
Beach Seine	751,661	\$393,818	1,143,612	\$735,682
By Hand	284,068	\$1,470,443	290,448	\$1,518,303
Cast Net	75,384	\$23,024	49,392	\$17,623
Channel Net	185,277	\$401,744	198,138	\$464,806
Clam Dredge	60,973	\$463,012	56,509	\$441,261
Clam Trawl Kicking	76,148	\$514,817	116,548	\$540,384
Crab Dredge	0	\$0	2,573	\$1,339
Crab Pot	57,891,362	\$41,073,096	52,390,710	\$35,200,747
Crab Trawl	3,226,974	\$2,163,111	3,421,417	\$2,195,568
Eel Pot	85,099	\$211,517	127,093	\$317,113
Fish Pot	570,572	\$581,433	738,604	\$756,325
Flounder Trawl	4,435,586	\$5,930,034	1,815,767	\$2,885,226
Flynet	5,947,550	\$2,188,275	10,188,757	\$4,023,287
Fyke Net	399,688	\$133,645	321,691	\$110,812
Gigs	69,308	\$115,090	93,167	\$168,762
Gill Net (anchored)	24,371,119	\$12,160,573	25,935,200	\$12,898,828
Gill Net (drift)	62,411	\$37,004	74,044	\$78,249
Gill Net (runaround)	1,360,978	\$779,137	1,268,002	\$977,541
Haul Seine	1,911,387	\$803,655	2,604,113	\$1,039,347
Longline	1,867,448	\$2,019,318	1,959,515	\$1,879,256
Other	65,157	\$246,102	114,127	\$393,815
Oyster Dredge	34,617	\$142,283	2,062	\$8,002
Peeler Pot	585,795	\$1,671,858	147,208	\$361,680
Peeler Trawl ¹				
Pound Net	2,909,762	\$2,829,414	3,047,194	\$3,353,660
Purse Seine	63,375,040	\$4,574,841	109,281,567	\$9,834,726
Rake	383,259	\$2,440,320	411,080	\$2,839,848
Rod-n-Reel	2,291,298	\$3,845,265	2,437,784	\$3,899,025
Scallop Dredge (bay)	94,480	\$264,866	41,441	\$132,814
Shrimp Trawl	5,049,918	\$10,582,232	7,867,313	\$17,833,550
Skimmer Trawl	181,739	\$379,312	342,855	\$767,828
Tongs, Hand	100,646	\$507,913	93,468	\$485,649
Trolling	1,447,331	\$2,050,809	1,895,748	\$2,802,034
Trolling, Greenstick ²				
Trotline	78,522	\$20,576	88,183	\$25,028
Unknown	0	\$0	0	\$0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	1996		1995	
	Pounds	Value	Pounds	Value
Beach Seine	835,244	\$413,325	1,036,417	\$809,854
By Hand	288,276	\$1,408,705	322,200	\$1,515,893
Cast Net	45,534	\$21,856	79,609	\$25,913
Channel Net	204,004	\$460,341	277,596	\$572,170
Clam Dredge	66,963	\$513,855	99,149	\$849,104
Clam Trawl Kicking	88,016	\$466,902	67,169	\$264,336
Crab Dredge	9,591	\$4,569	7,451	\$4,265
Crab Pot	63,670,960	\$41,150,284	45,249,544	\$35,546,747
Crab Trawl	3,226,187	\$1,903,767	1,144,968	\$872,706
Eel Pot	141,146	\$243,321	106,094	\$221,765
Fish Pot	700,753	\$652,554	736,141	\$498,237
Flounder Trawl	4,626,050	\$7,001,436	5,470,112	\$8,747,225
Flynet	6,798,631	\$2,273,913	6,139,030	\$1,918,102
Fyke Net	142,154	\$53,780	37,909	\$18,645
Gigs	63,111	\$105,850	83,875	\$135,416
Gill Net (anchored)	30,895,882	\$12,751,730	24,740,554	\$12,153,824
Gill Net (drift)	59,929	\$44,363	148,219	\$104,725
Gill Net (runaround)	1,088,237	\$700,022	1,302,632	\$1,145,843
Haul Seine	2,118,768	\$809,546	2,417,454	\$859,467
Longline	2,571,584	\$2,415,904	3,971,629	\$4,119,076
Other	194,428	\$801,037	235,783	\$991,591
Oyster Dredge	111	\$135	3,920	\$11,120
Peeler Pot	59,568	\$92,862	0	\$0
Peeler Trawl ¹				
Pound Net	3,398,070	\$3,801,320	3,733,907	\$3,825,674
Purse Seine	59,207,650	\$5,178,875	63,839,570	\$3,931,617
Rake	351,543	\$2,395,842	387,801	\$2,349,450
Rod-n-Reel	2,171,211	\$3,293,345	2,545,684	\$3,769,071
Scallop Dredge (bay)	20,422	\$78,634	159,763	\$305,359
Shrimp Trawl	6,150,910	\$13,178,485	8,796,151	\$19,415,297
Skimmer Trawl	195,681	\$444,202	426,948	\$764,367
Tongs, Hand	89,902	\$462,739	108,255	\$539,832
Trolling	1,579,511	\$2,387,681	1,963,259	\$2,910,760
Trolling, Greenstick ²				
Trotline	62,648	\$20,080	64,171	\$39,505
Unknown	0	\$0	62,057	\$130,940

¹ "Peeler Trawl" gearcode was developed in 2010.

² "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	1994	
	Pounds	Value
Beach Seine	991,505	\$528,123
By Hand	284,046	\$1,211,771
Cast Net	37,936	\$8,149
Channel Net	188,918	\$405,804
Clam Dredge	50,149	\$254,858
Clam Trawl Kicking	58,189	\$189,615
Crab Dredge	46,118	\$20,973
Crab Pot	51,140,483	\$28,310,296
Crab Trawl	2,016,538	\$1,265,222
Eel Pot	4,337	\$4,023
Fish Pot	886,507	\$541,325
Flounder Trawl	4,565,811	\$6,129,425
Flynet	5,938,676	\$1,737,597
Fyke Net	114,332	\$46,507
Gigs	74,183	\$112,483
Gill Net (anchored)	22,643,969	\$9,563,921
Gill Net (drift)	100,621	\$58,478
Gill Net (runaround)	666,890	\$478,382
Haul Seine	2,161,194	\$805,456
Longline	3,497,874	\$2,762,657
Other	276,025	\$902,265
Oyster Dredge	12,894	\$40,313
Peeler Pot	0	\$0
Peeler Trawl ¹		
Pound Net	4,759,963	\$4,383,784
Purse Seine	79,474,650	\$3,410,710
Rake	518,555	\$2,244,751
Rod-n-Reel	2,581,299	\$3,823,104
Scallop Dredge (bay)	56,687	\$106,588
Shrimp Trawl	7,806,149	\$18,775,861
Skimmer Trawl	204,554	\$382,778
Tongs, Hand	97,723	\$389,925
Trolling	1,527,108	\$2,204,064
Trolling, Greenstick ²		
Trotline	40,104	\$9,676
Unknown	88,341	\$161,664

¹ "Peeler Trawl" gearcode was developed in 2010.

² "Trolling, Greenstick" gearcode was developed in 2013.

*** indicates confidential data; Confidential data was added to "Other" when applicable.

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

Gears	2018			2017			2016		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	6	33	7	6	31	7	4	12	4
By Hand	640	15,305	519	799	20,913	577	820	18,799	558
Cast Net	66	642	63	74	710	69	78	667	72
Channel Net	46	512	47	53	776	55	59	761	64
Clam Dredge	9	181	10	8	188	10	11	213	12
Clam Trawl Kicking	3	10	3	5	31	5	8	39	7
Crab Dredge	0	0	0	0	0	0	4	4	4
Crab Pot	624	33,291	712	662	37,199	806	807	46,268	987
Crab Trawl	25	165	25	34	357	34	43	463	44
Eel Pot	14	55	14	25	87	25	18	63	18
Fish Pot	32	532	41	41	577	38	48	472	46
Flounder Trawl	103	219	107	97	201	102	93	266	97
Flynet	3	4	3	8	15	8	11	19	11
Fyke Net	26	390	29	31	546	33	37	631	41
Gigs	272	2,131	284	318	2,892	333	329	2,797	343
Gill Net (anchored)	920	19,969	1,050	1,008	24,538	1,161	923	21,296	1,019
Gill Net (drift)	64	545	63	80	586	83	58	279	57
Gill Net (runaround)	343	3,200	388	408	4,117	460	367	3,294	409
Haul Seine	9	43	9	14	68	13	14	93	15
Longline	42	407	40	41	408	36	56	597	56
Other	70	450	72	71	429	73	81	358	76
Oyster Dredge	60	337	62	119	1,540	137	177	2,684	197
Peeler Pot	192	2,733	204	225	3,463	253	231	4,957	260
Peeler Trawl ¹	2	14	2	2	15	2	2	14	2
Pound Net	97	2,941	101	111	2,918	122	96	2,557	102
Purse Seine	0	0	0	0	0	0	0	0	0
Rake	277	5,747	234	345	9,292	283	410	11,218	312
Rod-n-Reel	233	2,200	250	216	2,283	230	229	2,294	243
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	408	4,957	435	431	7,796	490	434	7,490	463
Skimmer Trawl	60	446	65	75	677	79	76	1,273	87
Tongs, Hand	175	2,861	150	223	3,579	187	216	3,163	193
Trolling	324	1,885	340	351	2,370	374	310	1,819	328
Trolling, Greenstick ²	21	147	19	17	150	18	15	66	13
Trotline	11	183	12	14	170	14	11	86	11
Unknown	0	0	0	0	0	0	0	0	0

¹ "Peeler Trawl" gearcode was developed in 2010.² "Trolling, Greenstick" gearcode was developed in 2013.

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

Gears	2015			2014			2013		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	7	23	8	6	21	6	12	57	12
By Hand	803	17,186	542	804	18,019	567	752	16,447	550
Cast Net	70	694	62	67	627	56	92	705	70
Channel Net	66	968	74	91	1,078	99	93	1,626	116
Clam Dredge	11	251	14	16	388	22	15	344	16
Clam Trawl Kicking	9	77	10	23	155	25	18	180	19
Crab Dredge	2	14	2	2	3	2	1	1	1
Crab Pot	829	51,710	1,039	814	50,529	975	751	48,126	924
Crab Trawl	50	470	55	36	197	37	18	85	19
Eel Pot	20	97	23	29	143	34	19	70	20
Fish Pot	47	583	47	46	682	47	47	629	46
Flounder Trawl	92	276	96	80	256	82	45	71	48
Flynet	6	11	6	11	40	13	3	4	3
Fyke Net	35	639	40	24	404	26	18	429	19
Gigs	312	2,739	328	323	2,805	339	278	2,585	300
Gill Net (anchored)	1,061	21,819	1,195	1,212	26,147	1,339	1,325	33,914	1,488
Gill Net (drift)	55	401	54	41	296	44	40	236	41
Gill Net (runaround)	369	3,252	410	409	3,377	455	422	3,782	487
Haul Seine	12	45	12	31	204	32	34	273	34
Longline	62	513	65	64	619	65	58	661	59
Other	50	333	59	74	364	81	54	396	56
Oyster Dredge	212	4,031	243	268	5,705	296	220	3,763	242
Peeler Pot	254	4,724	288	229	4,006	266	177	3,346	190
Peeler Trawl ¹	2	21	2	3	26	3	2	29	2
Pound Net	101	2,856	111	106	2,444	110	101	2,859	111
Purse Seine	0	0	0	0	0	0	0	0	0
Rake	489	12,494	351	447	11,786	359	423	9,990	332
Rod-n-Reel	226	1,993	237	241	2,272	251	248	2,065	261
Scallop Dredge (bay)	0	0	0	0	0	0	1	1	1
Shrimp Trawl	417	6,063	481	341	4,598	377	365	5,650	386
Skimmer Trawl	71	1,035	78	69	711	76	79	1,194	88
Tongs, Hand	225	3,688	197	247	3,896	230	279	4,092	234
Trolling	333	1,903	353	330	2,245	351	345	2,184	365
Trolling, Greenstick ²	9	48	8	1	1	1	2	7	2
Trotline	9	39	11	8	49	8	6	38	9
Unknown	0	0	0	0	0	0	0	0	0

¹ "Peeler Trawl" gearcode was developed in 2010.² "Trolling, Greenstick" gearcode was developed in 2013.

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

Gears	2012			2011			2010		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	21	68	20	24	102	27	31	183	34
By Hand	795	15,188	548	778	15,931	545	811	18,276	577
Cast Net	80	805	65	72	612	57	74	906	66
Channel Net	86	1,508	94	40	538	43	57	1,069	67
Clam Dredge	18	492	22	14	400	15	18	603	17
Clam Trawl Kicking	17	188	18	22	286	22	30	518	27
Crab Dredge	3	4	4	12	69	12	20	147	20
Crab Pot	787	48,054	943	819	48,150	990	865	50,432	1,043
Crab Trawl	14	21	14	39	228	40	53	274	57
Eel Pot	32	177	33	28	93	31	26	121	28
Fish Pot	44	615	43	49	539	45	58	650	55
Flounder Trawl	57	108	59	81	344	90	91	384	94
Flynet	4	14	4	30	190	32	39	286	44
Fyke Net	17	344	16	21	267	26	21	277	22
Gigs	293	3,148	312	219	2,185	236	234	2,424	258
Gill Net (anchored)	1,264	29,610	1,428	1,284	28,378	1,441	1,234	31,114	1,393
Gill Net (drift)	47	392	46	32	182	35	48	269	49
Gill Net (runaround)	435	3,591	484	370	2,608	402	410	3,679	452
Haul Seine	15	177	15	27	369	28	29	372	35
Longline	46	538	46	48	495	50	38	491	35
Other	31	227	35	32	146	32	74	216	73
Oyster Dredge	184	2,264	191	355	7,400	378	506	10,658	506
Peeler Pot	187	3,519	204	203	2,910	218	195	3,348	205
Peeler Trawl ¹	3	24	3	3	41	3	3	31	3
Pound Net	105	2,740	106	85	2,297	90	101	2,298	111
Purse Seine	0	0	0	0	0	0	1	3	1
Rake	410	9,401	327	471	9,437	343	574	10,353	400
Rod-n-Reel	265	2,151	267	228	1,986	234	283	2,486	291
Scallop Dredge (bay)	1	2	1	0	0	0	0	0	0
Shrimp Trawl	380	6,195	416	338	4,372	352	403	5,592	437
Skimmer Trawl	75	1,088	80	32	330	34	64	1,096	64
Tongs, Hand	369	5,527	316	335	6,020	277	306	4,797	257
Trolling	323	1,889	337	301	1,866	322	414	2,192	437
Trolling, Greenstick ²									
Trotline	8	50	9	3	20	4	2	6	3
Unknown	0	0	0	0	0	0	0	0	0

¹ "Peeler Trawl" gearcode was developed in 2010.² "Trolling, Greenstick" gearcode was developed in 2013.

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

Gears	2009			2008			2007		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	26	123	29	118	329	129	51	242	55
By Hand	856	16,813	599	879	16,932	613	892	18,367	648
Cast Net	76	880	54	69	552	53	58	563	45
Channel Net	60	1,089	75	66	1,118	73	67	962	76
Clam Dredge	21	355	23	17	471	17	13	344	18
Clam Trawl Kicking	32	538	33	29	423	31	24	214	23
Crab Dredge	9	44	10	0	0	0	3	18	3
Crab Pot	863	54,625	1,034	786	47,277	953	830	49,166	977
Crab Trawl	60	484	63	44	314	45	33	158	36
Eel Pot	19	78	19	15	40	17	23	86	24
Fish Pot	66	910	64	58	689	53	62	826	66
Flounder Trawl	78	334	88	80	342	88	74	371	81
Flynet	42	243	45	32	159	30	21	160	22
Fyke Net	21	293	22	26	307	24	26	380	33
Gigs	150	1,572	170	143	1,554	163	166	1,955	192
Gill Net (anchored)	1,384	38,042	1,580	1,417	38,504	1,570	1,531	39,759	1,637
Gill Net (drift)	20	106	22	34	190	35	22	173	23
Gill Net (runaround)	355	3,251	393	343	2,827	379	319	2,781	357
Haul Seine	22	380	23	30	383	34	29	437	33
Longline	36	474	37	37	396	40	32	384	32
Other	183	908	167	34	172	35	43	165	44
Oyster Dredge	258	4,481	257	159	2,691	170	150	1,730	155
Peeler Pot	160	2,731	176	171	3,398	182	184	3,468	196
Peeler Trawl ¹									
Pound Net	96	2,356	114	92	1,880	104	104	2,311	121
Purse Seine	0	0	0	0	0	0	0	0	0
Rake	640	11,322	441	613	12,789	429	727	16,819	503
Rod-n-Reel	398	3,237	429	425	3,443	451	429	3,569	462
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	379	5,749	408	417	5,995	444	385	6,735	411
Skimmer Trawl	60	807	65	95	953	98	86	1,574	99
Tongs, Hand	295	4,960	275	306	5,765	276	359	5,927	291
Trolling	622	4,035	656	606	3,853	633	668	4,965	722
Trolling, Greenstick ²									
Trotline	1	1	1	0	0	0	7	46	8
Unknown	0	0	0	0	0	0	0	0	0

¹ "Peeler Trawl" gearcode was developed in 2010.² "Trolling, Greenstick" gearcode was developed in 2013.

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

Gears	2006			2005			2004		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	40	317	42	274	681	240	167	413	155
By Hand	818	14,689	601	831	14,647	609	934	18,448	661
Cast Net	57	495	43	54	518	46	48	536	35
Channel Net	61	911	72	58	870	66	84	1,355	94
Clam Dredge	25	391	23	25	429	26	29	658	30
Clam Trawl Kicking	32	373	31	44	538	44	58	1,026	61
Crab Dredge	1	1	1	2	7	2	7	19	7
Crab Pot	870	48,172	1,008	1,051	57,823	1,250	1,258	73,516	1,481
Crab Trawl	42	303	46	102	1,126	106	175	1,780	188
Eel Pot	19	103	22	28	159	31	37	269	40
Fish Pot	61	1,023	57	82	863	88	80	1,165	85
Flounder Trawl	74	380	76	74	408	79	95	490	94
Flynet	29	220	29	67	260	40	59	363	61
Fyke Net	18	309	23	29	330	34	48	530	54
Gigs	130	1,396	154	130	1,225	145	122	1,200	138
Gill Net (anchored)	1,401	37,814	1,602	1,599	37,400	1,757	1,613	39,814	1,871
Gill Net (drift)	53	255	56	80	435	87	61	320	68
Gill Net (runaround)	334	2,688	375	323	2,366	366	310	1,981	338
Haul Seine	49	539	53	38	473	43	28	498	36
Longline	27	484	30	30	422	32	34	417	34
Other	42	102	46	36	83	38	37	179	38
Oyster Dredge	151	2,486	158	167	2,334	177	125	1,752	137
Peeler Pot	206	3,408	221	232	3,781	259	243	3,628	261
Peeler Trawl ¹									
Pound Net	95	2,234	111	91	2,269	112	92	2,196	116
Purse Seine	0	0	0	2	15	3	2	64	4
Rake	678	16,072	462	705	12,748	516	787	15,038	530
Rod-n-Reel	351	2,886	386	360	2,709	386	485	3,066	522
Scallop Dredge (bay)	0	0	0	0	0	0	0	0	0
Shrimp Trawl	363	5,710	379	321	4,553	341	481	8,391	512
Skimmer Trawl	88	1,366	99	74	1,137	81	104	2,108	107
Tongs, Hand	378	5,684	313	301	4,412	272	322	5,261	278
Trolling	601	4,496	649	609	4,193	650	638	4,127	685
Trolling, Greenstick ²									
Trotline	13	65	14	7	85	8	16	83	15
Unknown	0	0	0	0	0	0	0	0	0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "Trolling, Greenstick" gearcode was developed in 2013.

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

Gears	2003			2002			2001		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	23	125	28	192	558	201	92	489	106
By Hand	1,038	18,177	761	1,201	20,325	819	1,378	21,895	946
Cast Net	64	475	53	79	838	68	71	688	55
Channel Net	86	1,700	99	89	1,876	106	100	1,692	129
Clam Dredge	26	433	30	43	692	39	38	462	36
Clam Trawl Kicking	61	839	65	64	880	75	68	838	82
Crab Dredge	3	14	3	3	5	3	8	26	8
Crab Pot	1,324	82,403	1,643	1,382	81,882	1,693	1,498	99,675	2,038
Crab Trawl	138	1,698	151	135	1,042	151	203	2,549	231
Eel Pot	41	303	45	35	237	37	48	377	57
Fish Pot	71	1,103	71	80	1,195	91	96	1,662	108
Flounder Trawl	81	460	81	90	667	92	104	524	110
Flynet	42	292	44	39	230	39	42	281	45
Fyke Net	45	486	51	31	377	43	54	654	67
Gigs	126	1,122	145	131	1,205	143	176	1,405	195
Gill Net (anchored)	1,647	43,315	1,995	1,667	44,708	2,001	1,843	50,212	2,308
Gill Net (drift)	70	330	75	83	343	86	57	224	59
Gill Net (runaround)	306	1,851	332	350	2,670	390	347	2,799	402
Haul Seine	27	487	38	42	455	50	27	441	35
Longline	36	417	37	47	571	48	40	487	43
Other	83	248	87	72	284	69	57	195	59
Oyster Dredge	56	892	62	48	624	51	59	825	67
Peeler Pot	206	3,816	224	260	6,438	294	295	6,735	335
Peeler Trawl ¹									
Pound Net	105	2,085	128	161	3,320	191	151	3,183	200
Purse Seine	2	66	4	2	108	4	2	79	4
Rake	909	15,553	604	1,074	18,046	663	1,462	28,687	922
Rod-n-Reel	475	3,391	511	451	3,774	477	397	3,297	424
Scallop Dredge (bay)	8	23	9	12	32	14	0	0	0
Shrimp Trawl	496	9,898	545	696	12,957	752	629	10,741	711
Skimmer Trawl	130	2,555	149	159	3,569	174	138	1,772	155
Tongs, Hand	325	4,502	298	356	4,762	312	342	5,712	312
Trolling	463	3,189	524	546	4,032	590	560	4,415	604
Trolling, Greenstick ²									
Trotline	13	119	13	33	282	35	26	162	27
Unknown	0	0	0	0	0	0	0	0	0

¹ "Peeler Trawl" gearcode was developed in 2010.

² "Trolling, Greenstick" gearcode was developed in 2013.

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

Gears	2000			1999			1998		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	88	822	112	75	527	99	80	691	96
By Hand	1,214	17,876	968	1,032	12,772	922	853	13,217	893
Cast Net	69	517	50	52	446	43	54	681	40
Channel Net	125	2,183	145	122	2,604	151	114	1,874	136
Clam Dredge	38	736	36	36	643	41	38	672	40
Clam Trawl Kicking	76	799	94	94	1,181	107	92	1,083	105
Crab Dredge	0	0	0	0	0	0	0	0	0
Crab Pot	1,476	99,513	2,054	1,624	111,637	2,697	1,725	128,071	2,084
Crab Trawl	183	2,226	193	215	3,555	239	274	5,718	303
Eel Pot	76	373	83	69	408	86	73	459	79
Fish Pot	82	1,215	97	112	1,583	146	129	1,633	136
Flounder Trawl	88	469	92	96	519	103	114	656	118
Flynet	22	181	23	28	203	29	44	290	49
Fyke Net	40	608	52	38	531	45	32	436	41
Gigs	162	1,342	179	132	1,064	177	174	1,508	196
Gill Net (anchored)	2,021	51,960	2,504	1,914	51,461	2,643	1,956	50,494	2,256
Gill Net (drift)	46	156	47	66	301	69	77	345	78
Gill Net (runaround)	356	3,031	414	286	2,386	352	381	3,504	429
Haul Seine	35	474	51	40	574	50	39	658	51
Longline	38	440	38	34	497	39	43	447	35
Other	63	192	67	60	207	63	54	115	57
Oyster Dredge	52	394	56	80	940	89	70	679	74
Peeler Pot	248	5,654	295	258	5,776	294	224	4,576	245
Peeler Trawl ¹									
Pound Net	141	3,130	192	155	3,172	219	190	3,685	240
Purse Seine	3	97	5	4	73	7	4	99	6
Rake	1,394	27,070	1,028	1,166	20,893	1,058	1,118	27,940	1,166
Rod-n-Reel	431	3,359	491	456	3,977	550	510	4,966	531
Scallop Dredge (bay)	8	10	8	43	151	44	117	898	120
Shrimp Trawl	861	14,134	1,032	740	15,347	949	614	12,220	703
Skimmer Trawl	180	2,437	211	157	2,094	188	93	1,083	106
Tongs, Hand	280	3,984	280	291	4,175	306	293	4,585	314
Trolling	536	4,838	611	516	4,559	619	608	4,640	620
Trolling, Greenstick ²									
Trotline	27	297	27	16	267	20	21	479	25
Unknown	0	0	0	0	0	0	0	0	0

¹ "Peeler Trawl" gearcode was developed in 2010.² "Trolling, Greenstick" gearcode was developed in 2013.

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

Gears	1997			1996			1995		
	Participants	Trips	Vessels	Participants	Trips	Vessels	Participants	Trips	Vessels
Beach Seine	91	1,076	106	92	870	107	100	961	120
By Hand	951	14,354	958	1,054	14,529	1,092	1,187	17,340	1,259
Cast Net	60	594	50	62	616	56	61	561	54
Channel Net	137	2,102	166	132	1,489	168	188	2,311	214
Clam Dredge	28	474	27	50	636	51	55	768	62
Clam Trawl Kicking	89	1,121	98	113	1,093	120	100	825	104
Crab Dredge	3	11	3	5	27	5	10	37	10
Crab Pot	2,025	121,345	2,400	2,036	116,035	2,513	1,929	119,998	2,484
Crab Trawl	332	5,063	366	307	4,335	334	234	2,222	265
Eel Pot	80	492	92	64	382	79	61	274	67
Fish Pot	128	1,839	138	156	1,510	171	154	1,450	160
Flounder Trawl	79	237	87	106	415	106	162	535	130
Flynet	42	489	44	34	239	33	29	248	29
Fyke Net	29	374	39	26	264	33	36	219	41
Gigs	236	1,798	263	204	1,305	223	247	1,806	285
Gill Net (anchored)	2,275	57,182	2,552	2,303	51,805	2,653	2,360	55,925	2,701
Gill Net (drift)	126	834	135	104	455	105	177	884	181
Gill Net (runaround)	484	3,764	539	414	3,316	456	460	3,091	494
Haul Seine	59	770	68	95	1,005	112	88	1,001	98
Longline	60	520	43	84	711	70	79	886	61
Other	81	268	85	66	224	71	110	373	112
Oyster Dredge	6	31	6	2	3	2	15	90	14
Peeler Pot	91	1,226	104	31	177	32	0	0	0
Peeler Trawl ¹									
Pound Net	252	4,794	311	260	4,954	312	273	5,203	312
Purse Seine	7	137	8	4	78	4	3	86	4
Rake	1,307	32,097	1,289	1,305	29,108	1,334	1,442	33,147	1,486
Rod-n-Reel	588	5,391	602	540	4,646	584	665	5,650	713
Scallop Dredge (bay)	60	362	66	62	273	65	235	1,758	238
Shrimp Trawl	832	16,634	962	806	14,652	987	981	19,866	1,158
Skimmer Trawl	146	2,233	163	104	1,197	126	132	1,573	144
Tongs, Hand	305	4,544	324	341	4,922	369	421	6,252	458
Trolling	713	5,667	711	639	4,480	652	796	5,909	833
Trolling, Greenstick ²									
Trotline	28	474	29	22	352	24	27	317	26
Unknown	0	0	0	0	0	0	1	1	1

¹ "Peeler Trawl" gearcode was developed in 2010.² "Trolling, Greenstick" gearcode was developed in 2013.

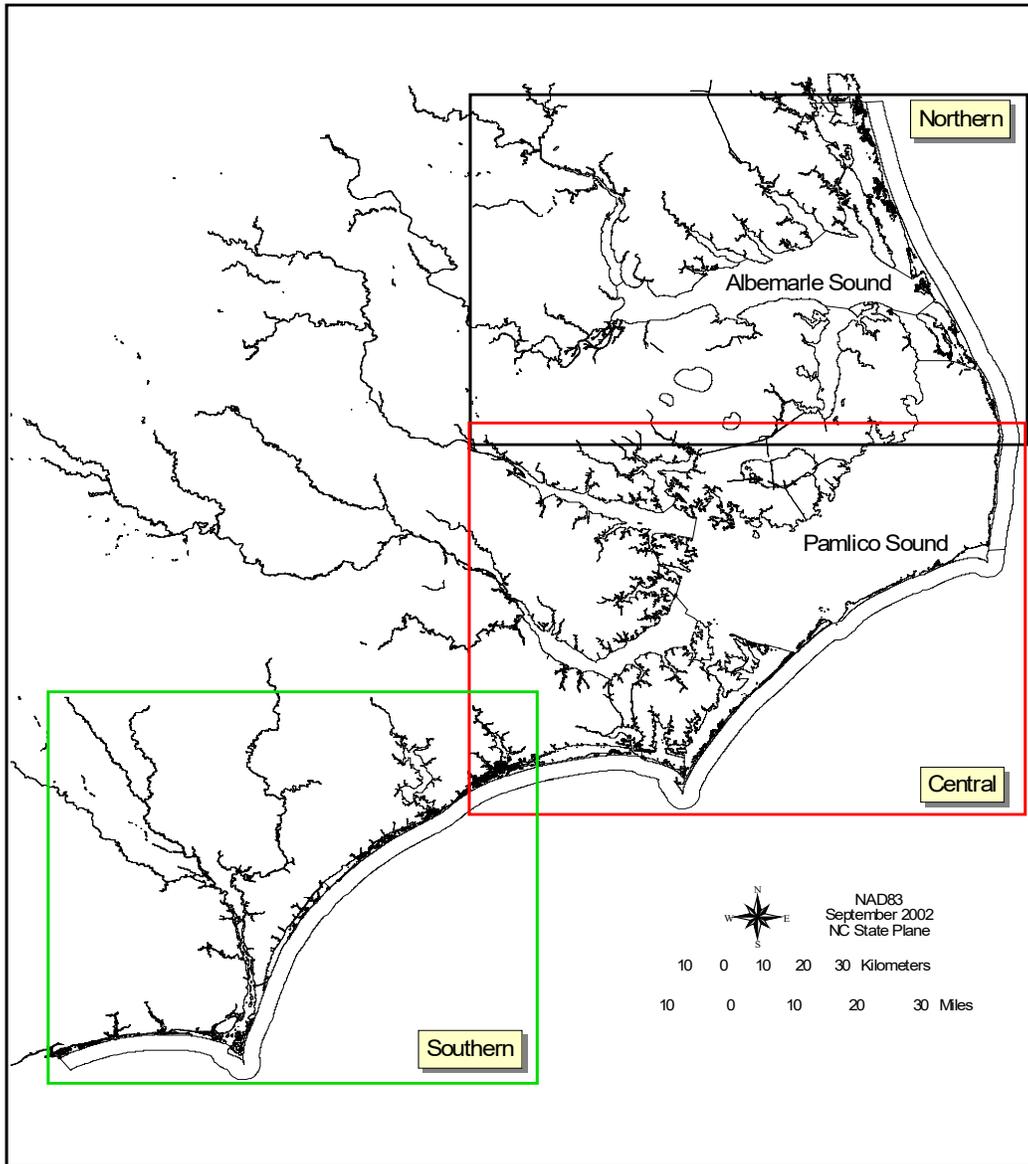
Table II.13 Number of participants, trips, and vessels by gear type (*continued*).

Gears	1994		
	Participants	Trips	Vessels
Beach Seine	67	862	74
By Hand	1,128	16,637	1,187
Cast Net	27	321	30
Channel Net	157	2,136	202
Clam Dredge	35	409	42
Clam Trawl Kicking	99	636	105
Crab Dredge	19	66	16
Crab Pot	1,845	114,073	2,247
Crab Trawl	279	3,881	318
Eel Pot	12	20	12
Fish Pot	144	1,647	160
Flounder Trawl	88	508	95
Flynet	25	254	27
Fyke Net	40	325	41
Gigs	246	1,668	285
Gill Net (anchored)	2,316	48,667	2,615
Gill Net (drift)	204	666	229
Gill Net (runaround)	407	2,178	434
Haul Seine	119	1,071	133
Longline	89	1,052	92
Other	74	250	83
Oyster Dredge	25	235	29
Peeler Pot	0	0	0
Peeler Trawl ¹			
Pound Net	335	6,485	374
Purse Seine	3	173	5
Rake	1,463	35,690	1,466
Rod-n-Reel	735	6,668	797
Scallop Dredge (bay)	168	713	179
Shrimp Trawl	964	19,015	1,176
Skimmer Trawl	82	1,133	100
Tongs, Hand	448	6,029	451
Trolling	770	5,560	823
Trolling, Greenstick ²			
Trotline	23	231	26
Unknown	1	1	1

¹ "Peeler Trawl" gearcode was developed in 2010.

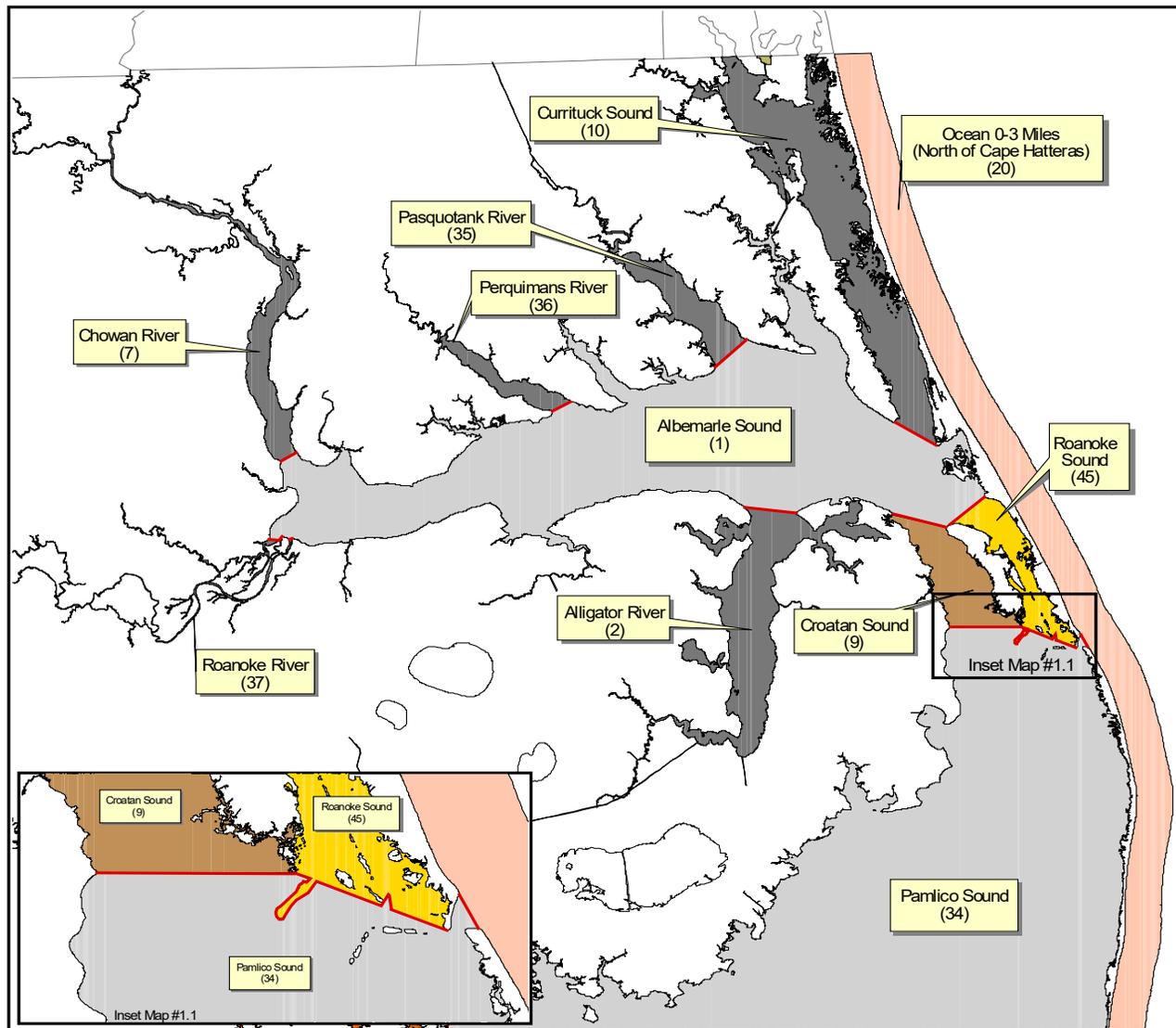
² "Trolling, Greenstick" gearcode was developed in 2013.

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.



North Carolina
Division of
Marine Fisheries

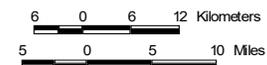
Trip Ticket
Water Bodies

Northern Area

Map # 1



NAD83
September 2002
NC State Plane



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

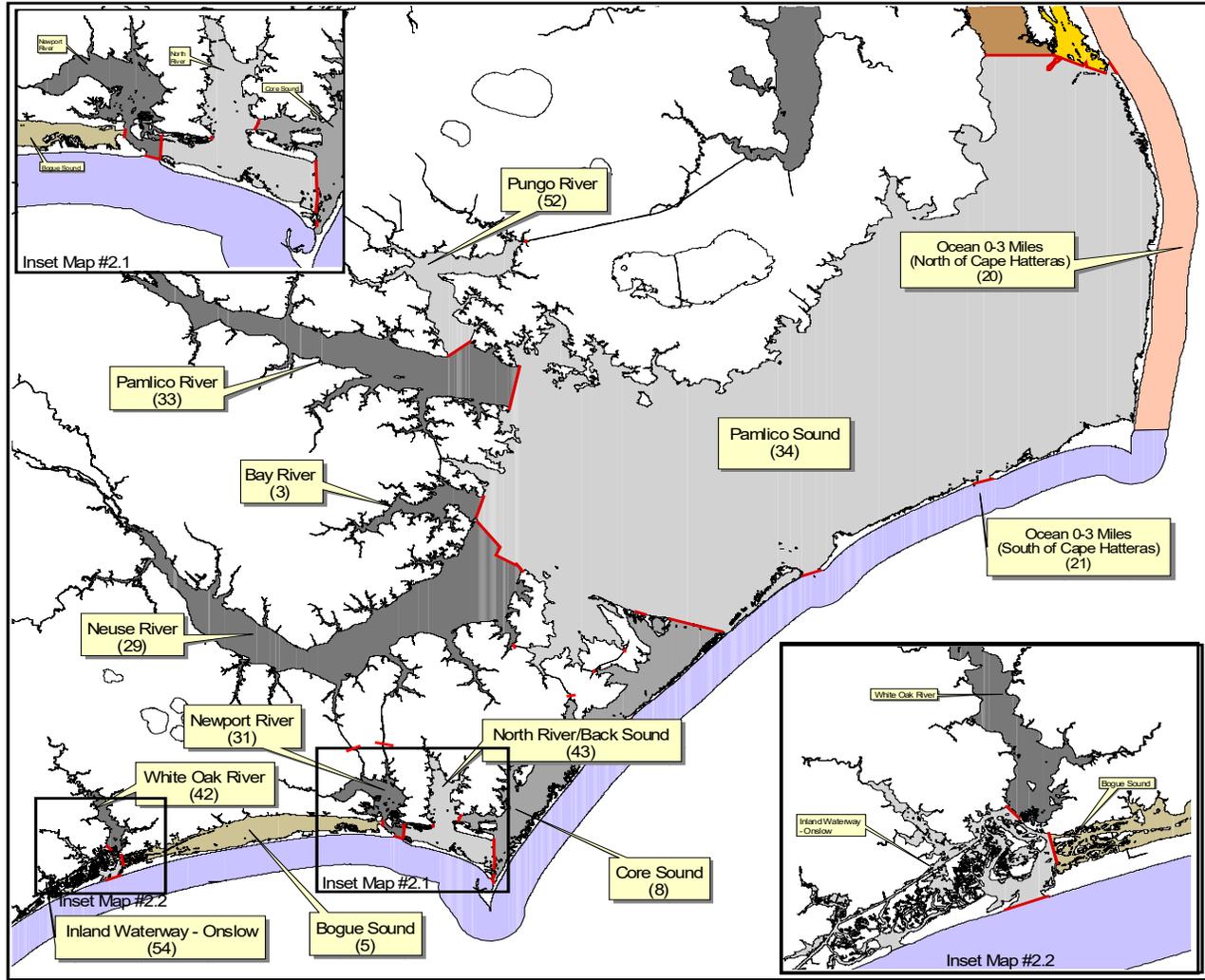
Kitty Hawk Bay
Shallowbag Bay
Broad Creek
Colington Creek
Buzzard Bay

Ocean 0-3 miles North of Cape

Hatteras

North of Cape Point

Appendix II.3 Trip Ticket Waterbody Maps #2.



North Carolina
Division of
Marine Fisheries

Trip Ticket
Water Bodies

Central Area

Map # 2



NADES3
September 2002
NC State Plane

5 0 5 10 Kilometers

5 0 5 10 Miles



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

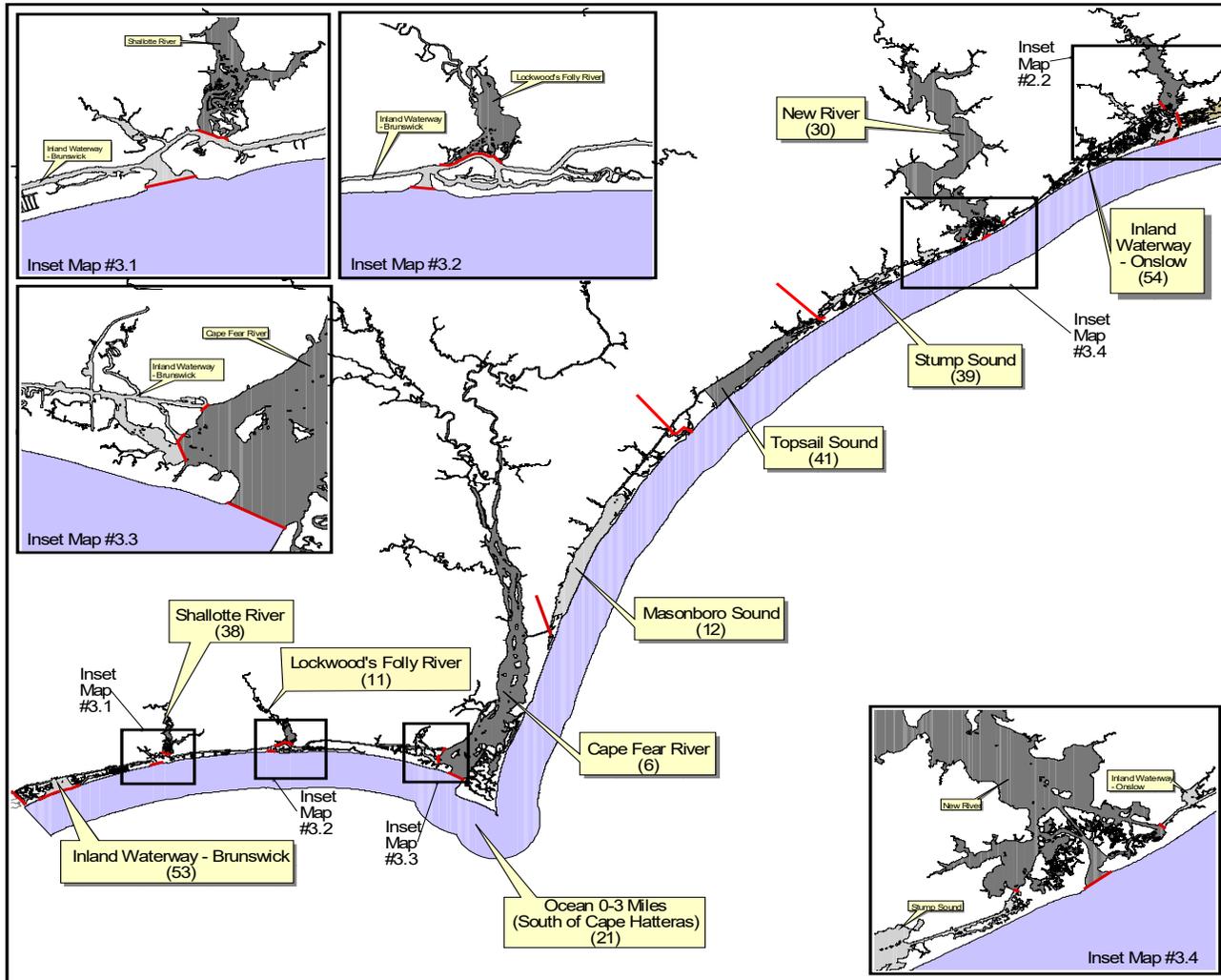
South of Cape Point

Ocean 0-3 Miles

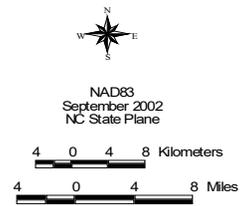
South of Cape Hatteras

North of Cape Point

Appendix II.4 Trip Ticket Waterbody Maps #3.



North Carolina
 Division of
 Marine Fisheries
 Trip Ticket
 Water Bodies
 Southern Area
 Map # 3



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

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

<u>White Oak River</u> Pettiford Creek Bay	<u>Inland Waterway - Onslow</u> Queens Creek Bear Creek Bear Inlet Holover Creek Browns Inlet Sounders Creek Fosters Creek Muddy Creek Hammocks Beach/Bear Island	<u>New River</u> Morgan Bay Farnell Bay Stones Bay Courthouse Bay Chadwick Bay Little Goose Bay Gray Point Hwy 210 High-rise Muddy Creek	<u>Stump Sound</u> Alligator Bay Thomas Landing Mill Creek Morris Landing
<u>Topsail Sound</u> Virginia Creek Topsail Creek Elmore Inlet Futch Creek Green Channel Nixon Channel Butler Creek	<u>Masonboro Sound</u> Rich Inlet Mason Inlet Johns Creek Masonboro Inlet Carolina Beach Inlet Banks Channel Masonboro Channel Carolina Beach Boat Basin	<u>Cape Fear River</u> First Bay Second Bay Buzzards Bay Cedar Creek Baldhead Creek Northeast Cape Fear Snows Cut Cape Creek Bay Creek The Basin CP&L Bypass	<u>Lockwood's Folly River</u> Spring Branch
<u>Shalotte River</u> Gibbs Creek Little Shalotte River	<u>Inland Waterway -Brunswick</u> 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	<u>Ocean 0-3 Miles South of Cape Hatteras</u> 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 and 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. During 2005, 15,000 anglers were interviewed and the precision of the catch estimates improved dramatically. The NCDMF also implemented quality control measures needed to improve estimates of catch.

The NCDMF receives approximately 700 data requests for information from MRIP each year. This 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.

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 which 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. 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 often multiple anglers will keep all their catch in a single container, and often at the end of the trip they are not sure who caught which fish. Beginning in 2005, headboat anglers were sampled at sea, allowing accurate identification of Type B catch for the first time.

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 mean numbers 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 ≤ 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: estimate $\pm 1.96 \times$ (estimate of standard error). Confidence intervals provide another indication of the precision of the estimated total catch. At the same confidence level, a broad interval relative to the estimate indicates a less precise estimate than does a narrow interval. The 95 percent confidence interval indicates 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: estimate $\pm (1.96 \times \text{PSE})$ 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.

Diadromous Species

The MRIP is only conducted in saltwater and brackish water areas, along with tidal portions of sounds, bays, and rivers. Freshwater areas are not included in the survey. Alternative methods for

assessing recreational catch of freshwater resident species and anadromous species such as American Shad, Hickory Shad, and Striped Bass must be considered. 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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Table III.1 North Carolina marine recreational finfish harvest by species.

Species	Number Harvested		Pounds Harvested	
	2018	2017	2018	2017
Amberjack	11,742	6,653	227,441	157,091
Barracudas	5,848	2,771	52,304	76,501
Bluefish	3,304,587	3,173,218	2,630,685	3,634,502
Bonito, Atlantic	12,576	1,999	42,879	9,578
Cobia	25,331	25,025	685,962	872,861
Croaker, Atlantic	472,917	666,930	164,644	237,160
Dolphinfish	495,435	279,932	3,318,532	2,223,509
Drum, Black	134,624	355,544	428,273	856,081
Drum, Red	299,577	353,716	1,452,358	1,475,852
Flounder, Southern	217,805	221,321	495,289	451,126
Flounder, Summer	57,913	91,193	92,032	147,426
Groupers	1,160	4,115	8,816	53,880
Grunts	11,913	40,077	16,762	60,245
Jacks	44,467	86,391	130,220	77,247
Kingfishes	1,731,340	3,387,470	479,739	915,561
Mackerel, King	102,675	110,339	1,018,459	1,261,775
Mackerel, Spanish	1,012,889	995,706	1,156,702	1,094,778
Perch, Silver	6,595	133,676	1,594	24,532
Pigfish	418,174	656,096	163,686	218,003
Pinfish	886,712	917,956	188,046	283,455
Pompano	318,702	730,412	245,670	290,660
Porgies	4,045	34,382	7,592	52,159
Puffers	330,237	669,528	148,220	258,605
Sea Basses	86,153	316,925	116,825	539,910
Seatrout, Spotted	449,473	1,217,834	658,555	2,157,198
Sharks	4,123	8,918	169,486	51,540
Sharks, Dogfishes	7,514	683	43,732	5,616
Sheepshead	343,772	282,480	735,738	810,633
Snappers	20,475	26,315	29,407	42,041
Spot	2,068,865	2,418,331	597,511	909,796
Striped Bass ¹	25	-	366	-
Tuna, Bluefin ²	33	39	11,573	9,130
Tuna, Yellowfin	61,171	118,659	1,977,741	4,040,504
Wahoo	10,690	30,305	280,644	842,604
Weakfish	30,935	51,795	29,924	55,944

¹ Striped Bass landings reflect Atlantic Ocean catches only.² 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
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
1981	40,960,641	32,560,880	16,030,869

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

Year	Beach/Bank	Charter Boat	Manmade	Private Boat	Total
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
1981	2,827,938	100,461	2,498,407	1,332,324	6,759,130

Table III.4 North Carolina Coastal Recreational Fishing Licenses¹ issued by residency.

Year	In-State	Out-of-State	Total
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

¹ 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	Directed Trips									
	Atlantic Bonito		Atlantic Croaker		Black Drum		Black Sea Bass		Bluefish	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
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
1981	4,147	100.0	450,765	19.5	-	-	269,318	28.0	1,727,585	8.7

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	Directed Trips									
	Cobia		Dogfish Sharks		Dolphin		Florida Pompano		Flounder	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
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
1981	15,293	89.6	160,422	68.8	8,834	37.6	140,295	39.9	1,052,629	14.1

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	Directed Trips									
	Great Barracuda		Greater Amberjack		Groupers		Grunts		Jacks	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
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
1981	-	-	752	98.3	22,571	89.7	34,118	64.4	48,433	34.7

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	Directed Trips									
	King Mackerel		Kingfish		Pigfish		Porgies		Puffers	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
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
1981	148,966	14.8	508,287	42.5	466,924	49.8	27,359	75.1	62,083	35.9

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	Directed Trips									
	Red Drum		Sheepshead		Snappers		Spanish Mackerel		Spot	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
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
1981	103,166	36.3	62,091	45.4	671	10.0	93,494	30.9	1,304,798	27.3

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	Directed Trips									
	Spotted Seatrout		Striped Bass ¹		Wahoo		Weakfish		Yellowfin Tuna	
	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE	Trips	PSE
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	-	-
1981	486,814	15.2	-	-	4,599	75.2	406,485	43.4	4,405	92.7

¹ 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)
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
1999	6,045	44.8	38,657	44.2	22.2	6.4	2,682	73.0

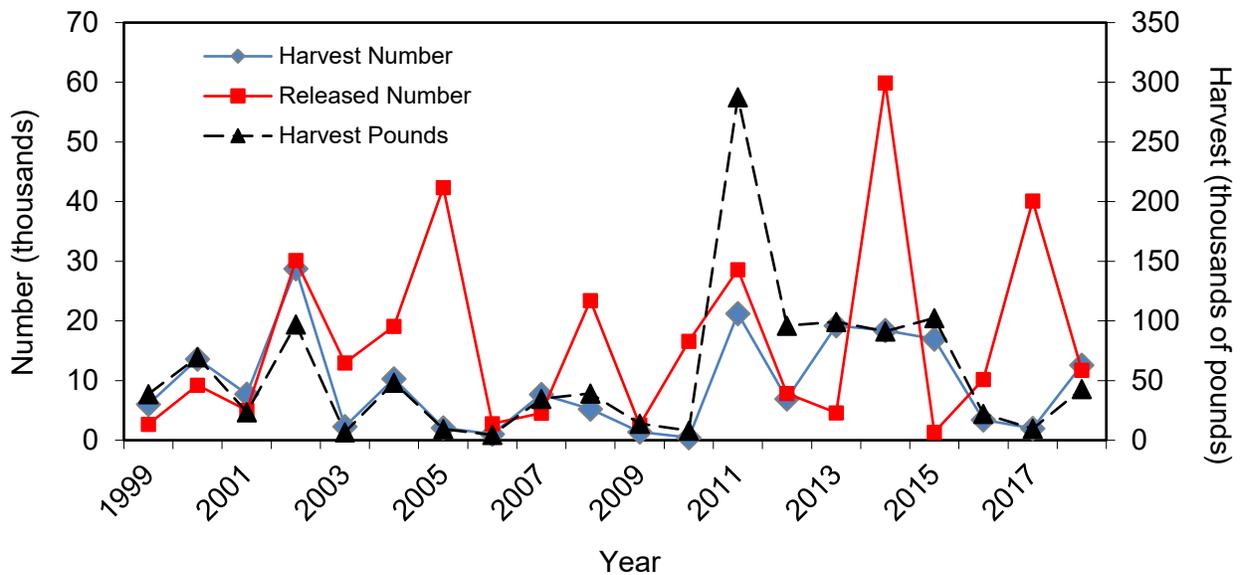


Figure III.1 Atlantic Bonito recreational catch in North Carolina by year.

Table III.7 Atlantic Bonito recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	12,576	42.5	42,879	49.7	18.1	3.4	11,745	66.4
Connecticut	2,626	69.1	13,415	63.4	20.6	5.1	10,086	44.8
Delaware	643	102.9	4,427	102.9	23.4	6.9	1,648	76.7
Florida	19	109.4	167	109.4	19.4	4.8	-	-
Georgia	981	97.0	1,770	94.8	15.0	1.8	-	-
Maine	-	-	-	-	-	-	97	96.3
Maryland	3,789	77.9	28,048	76.3	23.9	7.4	4,153	81.1
Massachusetts	24,139	41.5	93,678	51.9	17.3	3.9	378,413	42.8
New Hampshire	9,264	42.1	2,933	43.0	8.6	0.3	4,357	96.8
New Jersey	13,119	40.5	51,344	48.2	19.5	3.9	12,572	45.7
New York	-	-	-	-	-	-	1,528	67.8
Rhode Island	10,948	53.7	36,721	63.3	17.1	3.4	26,211	51.0
South Carolina	2,488	107.5	12,010	107.5	20.4	4.8	4,477	107.5
Virginia	1,940	76.3	10,691	76.3	21.4	5.5	-	-

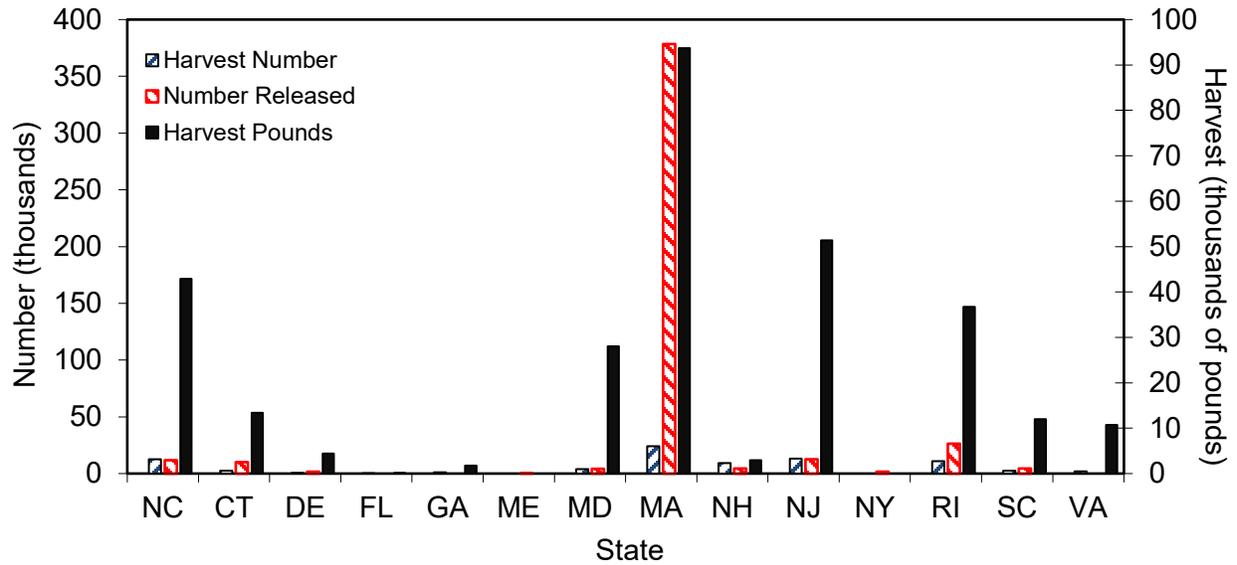


Figure III.2 Atlantic Bonito recreational catch by state, 2018.

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)
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
1999	1,042,224	16.7	525,970	21.1	9.7	0.5	2,848,626	13.3

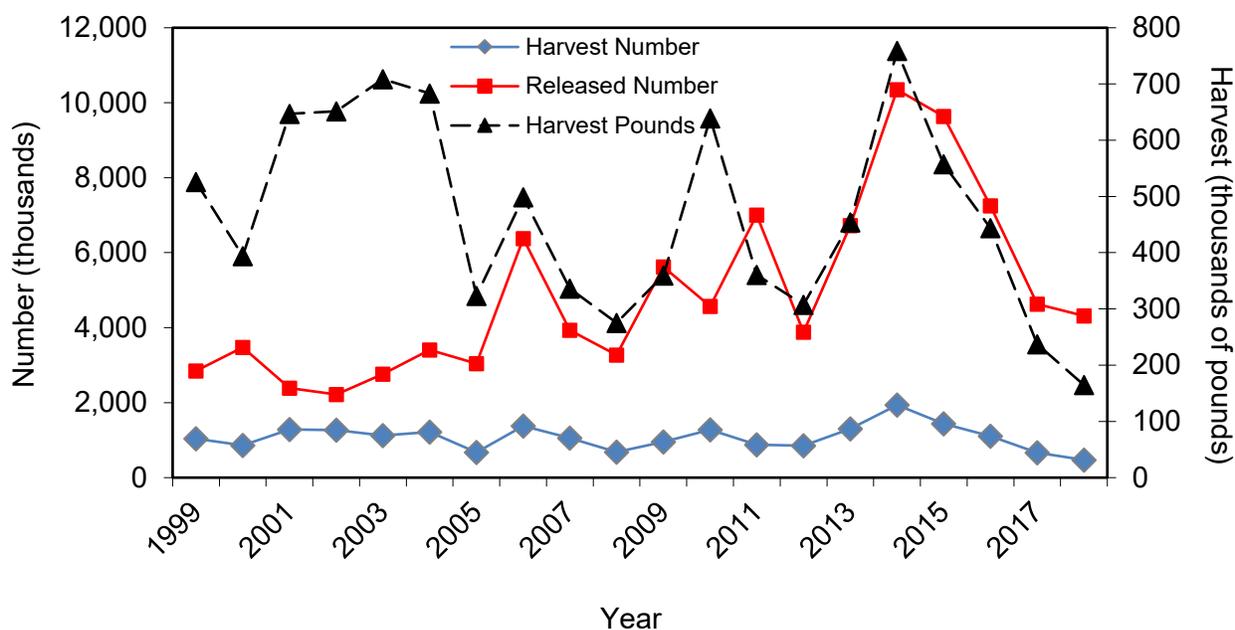


Figure III.3 Atlantic Croaker recreational catch in North Carolina by year.

Table III.9 Atlantic Croaker recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	472,917	16.0	164,644	16.1	8.9	0.3	4,311,368	13.2
Delaware	12,370	48.1	5,859	52.0	9.1	0.5	85,424	29.8
Florida	1,176,999	26.0	445,663	27.5	9.7	0.4	1,072,381	28.3
Georgia	241,382	27.8	83,258	28.4	8.8	0.3	1,403,560	22.2
Maryland	305,469	28.6	191,854	32.6	10.3	0.6	203,081	21.9
New Jersey	104,321	75.9	34,125	70.3	9.1	0.3	144,637	56.5
South Carolina	335,833	27.0	81,251	21.0	7.9	0.2	5,568,892	16.5
Virginia	5,472,329	20.6	2,245,518	23.4	9.1	0.4	5,359,179	15.7

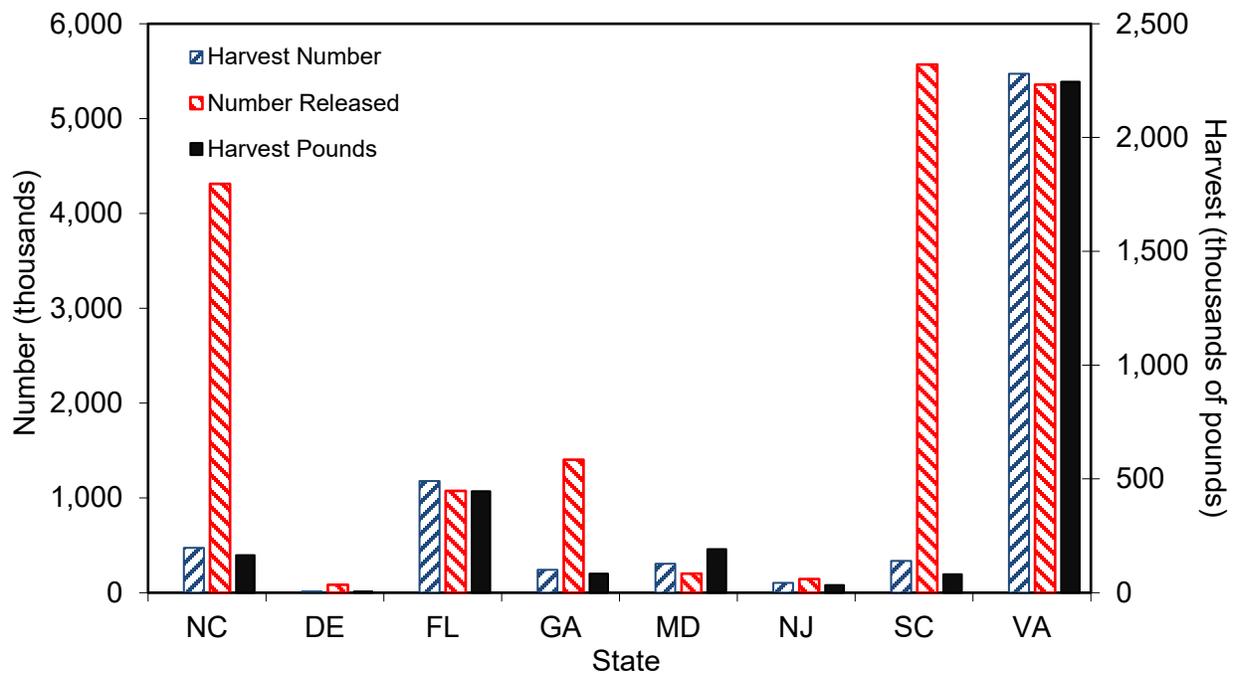


Figure III.4 Atlantic Croaker recreational catch by state, 2018.

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)
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
1999	105,349	22.2	164,280	21.9	12.1	1.6	95,834	25.5

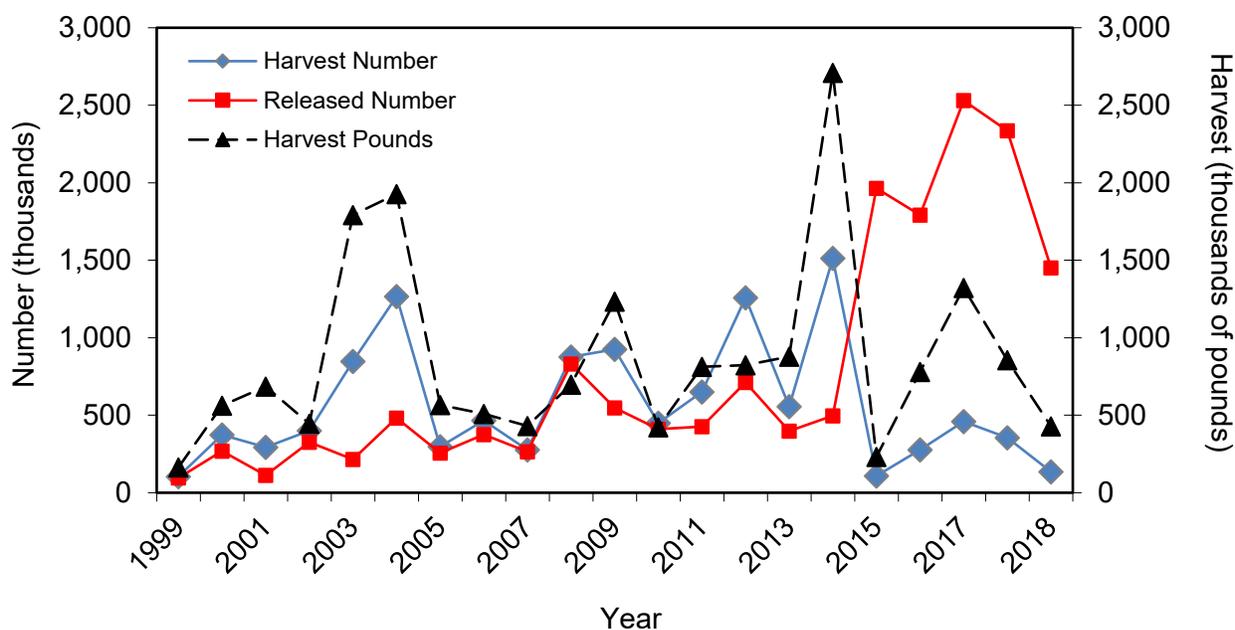


Figure III.5 Black Drum recreational catch in North Carolina by year.

Table III.11 Black Drum recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	134,624	27.2	428,273	28.3	16.5	3.2	1,450,855	21.6
Delaware	9,211	87.0	179,071	84.9	29.4	19.4	15,249	59.5
Florida	925,794	21.3	2,511,235	22.0	17.5	3.3	2,265,550	18.6
Georgia	129,391	31.7	454,061	33.8	17.0	3.5	189,428	51.5
Maryland	1,262	81.7	53,599	93.4	39.4	42.5	27,849	46.6
New Jersey	40,153	49.2	814,965	55.0	29.8	20.3	51,148	44.8
South Carolina	196,582	21.2	673,698	27.9	17.7	3.4	1,206,586	23.3
Virginia	3,721	43.7	29,120	48.6	21.9	7.8	169,204	72.5

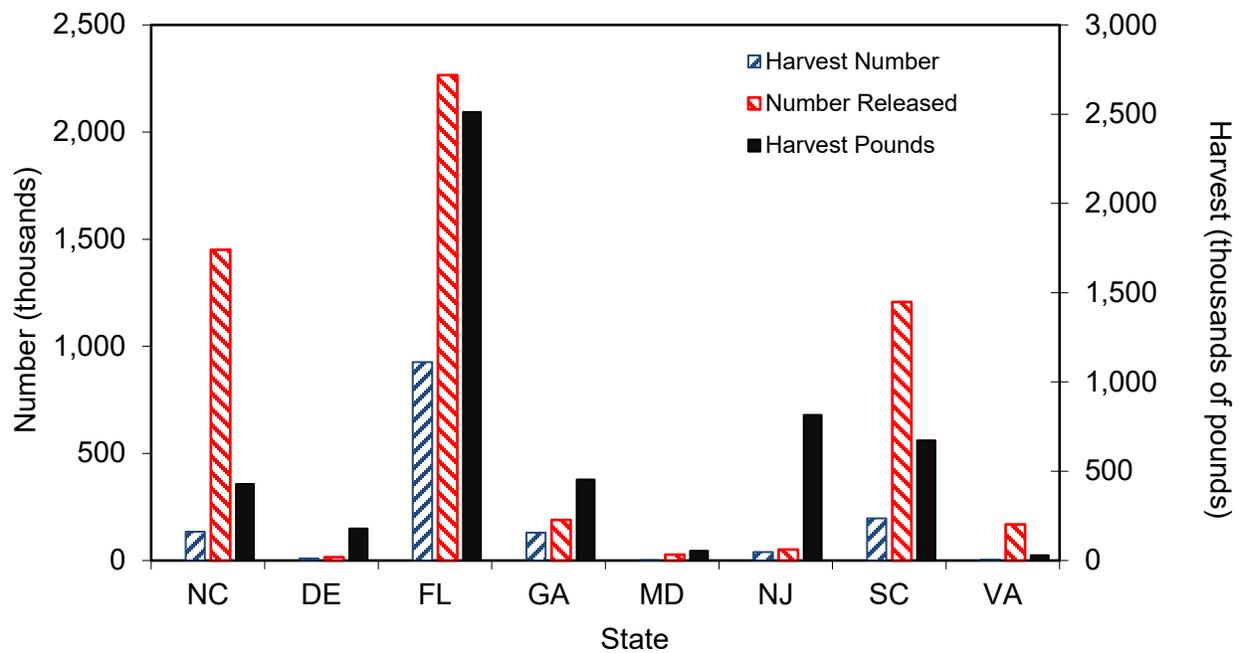


Figure III.6 Black Drum recreational catch by state, 2018.

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)
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
1999	119,359	25.3	107,415	27.9	11.3	0.9	1,325,394	15.0

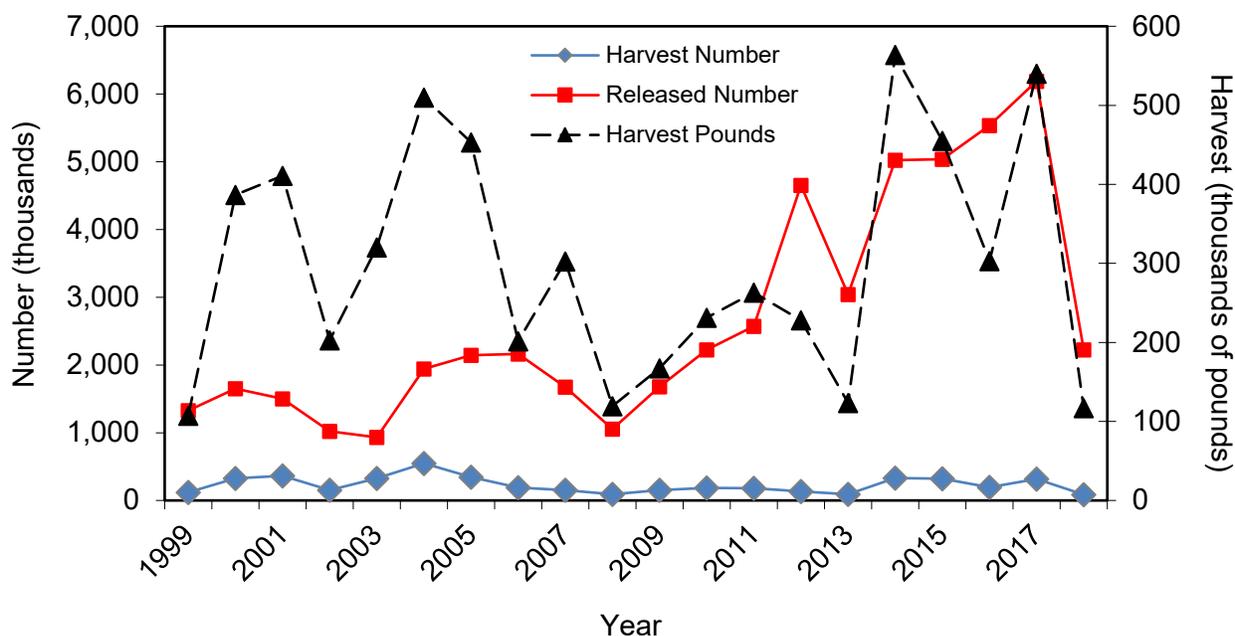


Figure III.7 Black Sea Bass recreational catch in North Carolina by year.

Table III.13 Black Sea Bass recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	86,153	32.9	116,825	32.1	13.6	1.4	2,223,800	17.0
Connecticut	379,317	16.1	873,055	15.6	17.7	2.3	1,991,225	13.4
Delaware	87,993	43.3	109,365	40.0	14.2	1.2	371,500	33.9
Florida	123,301	43.6	147,167	43.2	12.3	0.9	1,532,307	27.1
Georgia	78,795	41.6	103,008	43.2	13.5	1.3	849,110	38.6
Maryland	154,196	57.2	189,711	55.6	14.0	1.2	1,281,587	48.5
Massachusetts	678,143	21.8	1,818,682	23.3	18.3	2.7	2,452,244	19.6
New Jersey	1,039,614	16.3	1,440,761	17.9	14.3	1.4	5,613,116	13.1
New York	853,309	14.8	1,726,555	14.8	16.7	2.0	5,048,582	14.0
Rhode Island	706,153	15.8	1,628,875	15.3	17.4	2.3	2,671,481	14.6
South Carolina	62,853	57.7	51,886	44.2	11.0	0.8	1,361,654	16.0
Virginia	87,140	41.0	123,937	46.4	13.8	1.4	1,472,012	16.3

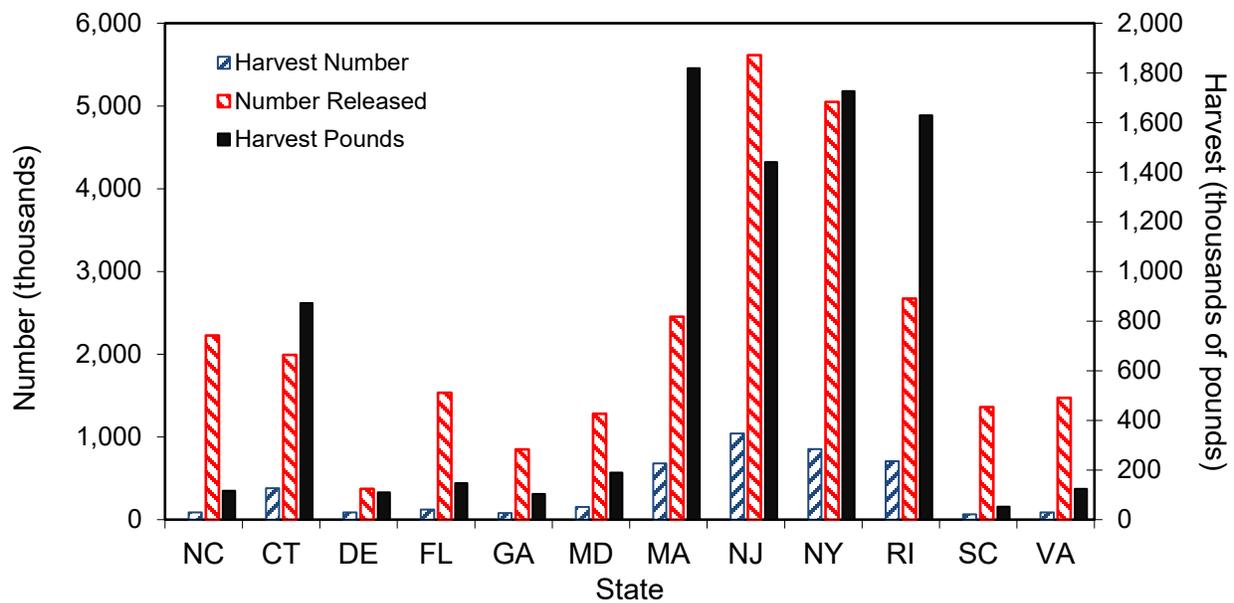


Figure III.8 Black Sea Bass recreational catch by state, 2018.

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)
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
1999	1,774,946	14.9	1,232,827	14.8	11.7	0.7	2,749,327	11.3

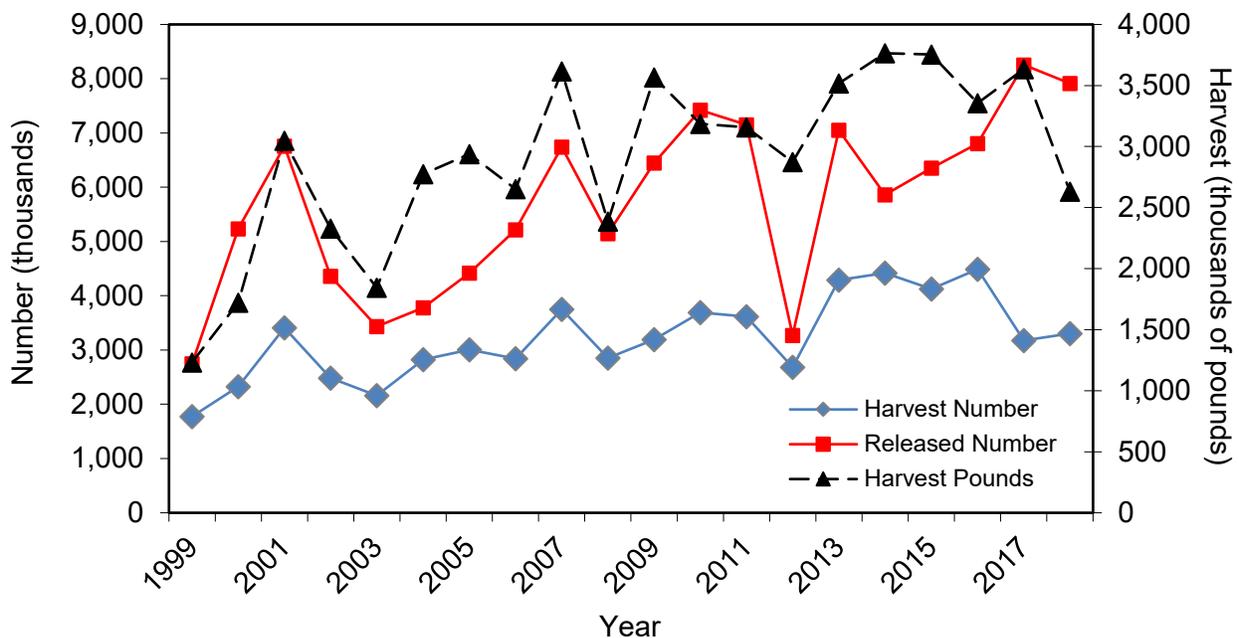


Figure III.9 Bluefish recreational catch in North Carolina by year.

Table III.15 Bluefish recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	3,304,587	13.1	2,630,685	12.3	11.3	0.8	7,912,210	16.2
Connecticut	312,022	31.2	340,666	29.0	10.4	1.1	505,128	18.8
Delaware	75,703	28.1	315,105	51.9	18.5	4.2	536,200	31.7
Florida	2,052,080	38.4	4,525,038	40.0	16.7	2.2	3,160,513	25.8
Georgia	90,991	55.1	70,284	50.9	11.6	0.8	295,204	31.4
Maryland	274,834	35.8	493,192	46.0	14.3	1.8	417,810	38.8
Massachusetts	182,424	19.3	611,557	19.2	18.2	3.4	531,801	20.8
New Jersey	1,421,477	18.7	2,007,110	22.3	12.5	1.4	2,511,962	21.9
New York	1,203,567	25.5	1,399,517	22.0	10.9	1.2	2,702,047	19.2
Rhode Island	119,801	49.5	210,033	36.5	10.7	1.8	151,793	29.2
South Carolina	765,113	35.7	403,141	30.6	9.9	0.5	1,530,478	39.6
Virginia	443,112	21.4	264,534	19.9	10.4	0.6	427,846	31.0

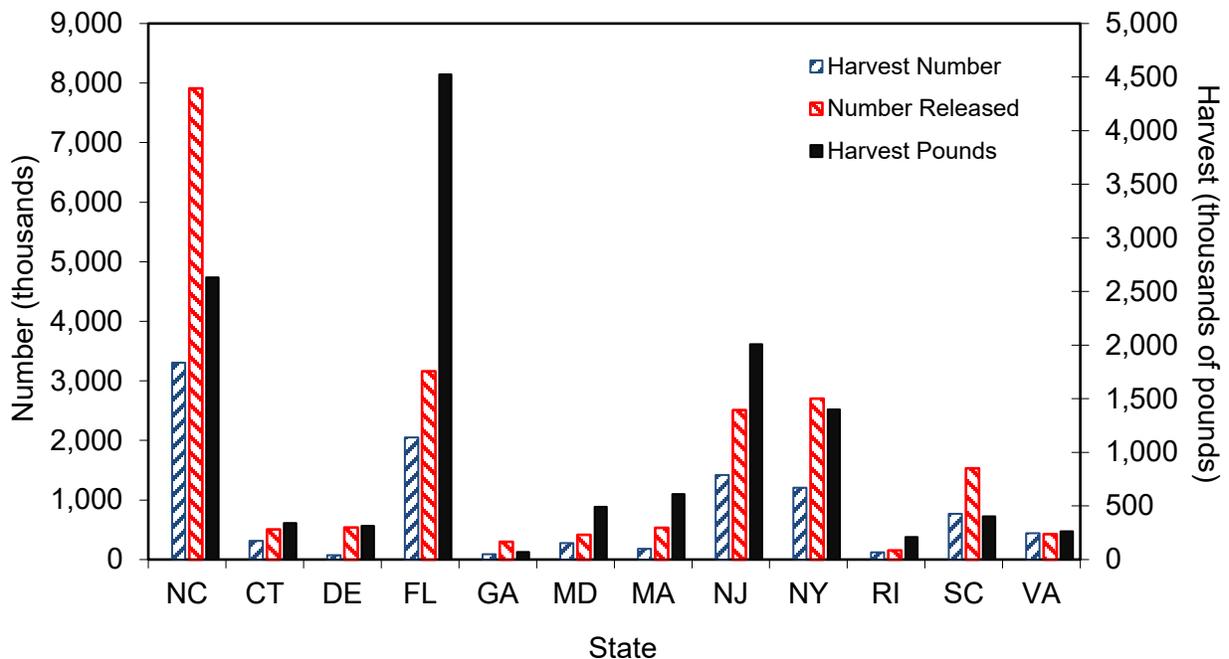


Figure III.10 Bluefish recreational catch by state, 2018.

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)
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
1999	2,399	64.3	101,465	71.9	47.0	42.3	18,498	65.0

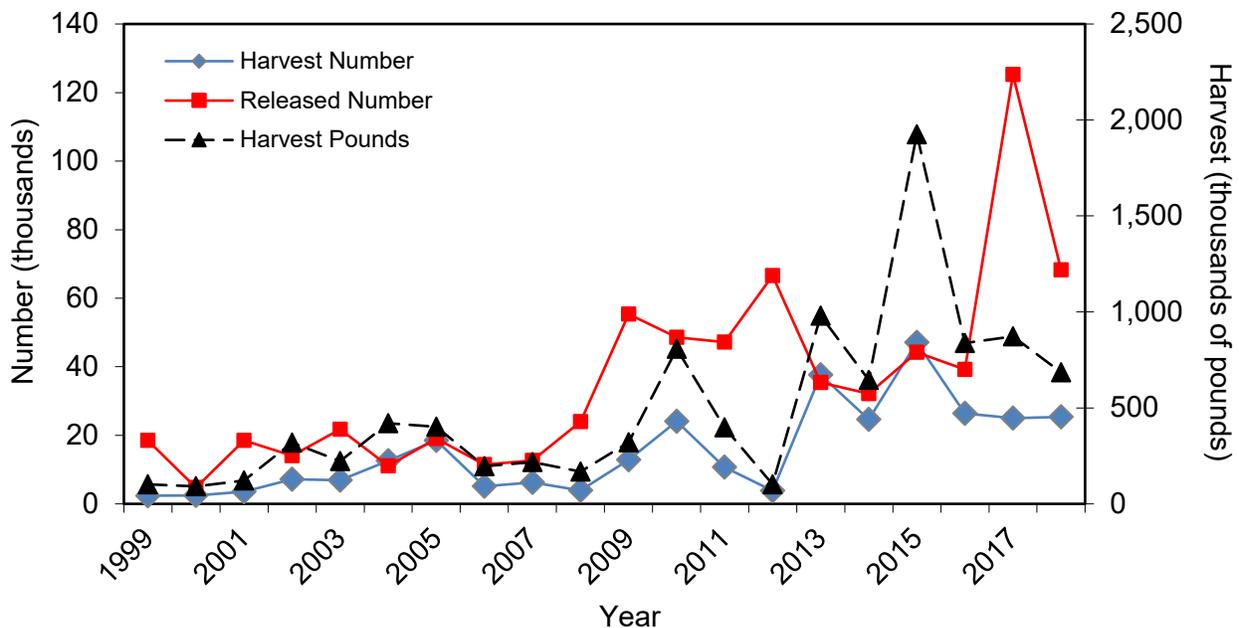


Figure III.11 Cobia recreational catch in North Carolina by year.

Table III.17 Cobia recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	25,331	33.2	685,962	29.1	40.7	27.1	68,219	23.4
Connecticut	569	100.4	4,136	100.4	27.6	7.3	-	-
Delaware	581	98.1	15,053	98.1	40.2	25.9	-	-
Florida	84,596	42.9	2,286,688	47.1	38.1	24.9	59,868	39.1
Georgia	233	53.9	6,081	54.7	40.6	26.1	18,056	65.5
Maryland	206	66.7	4,647	59.4	37.0	22.6	12,090	93.6
New Jersey	-	-	-	-	-	-	2,879	45.2
South Carolina	6,340	42.2	205,647	47.6	43.1	32.4	71,020	36.8
Virginia	80,679	35.8	2,259,661	35.0	40.0	28.0	194,865	31.3

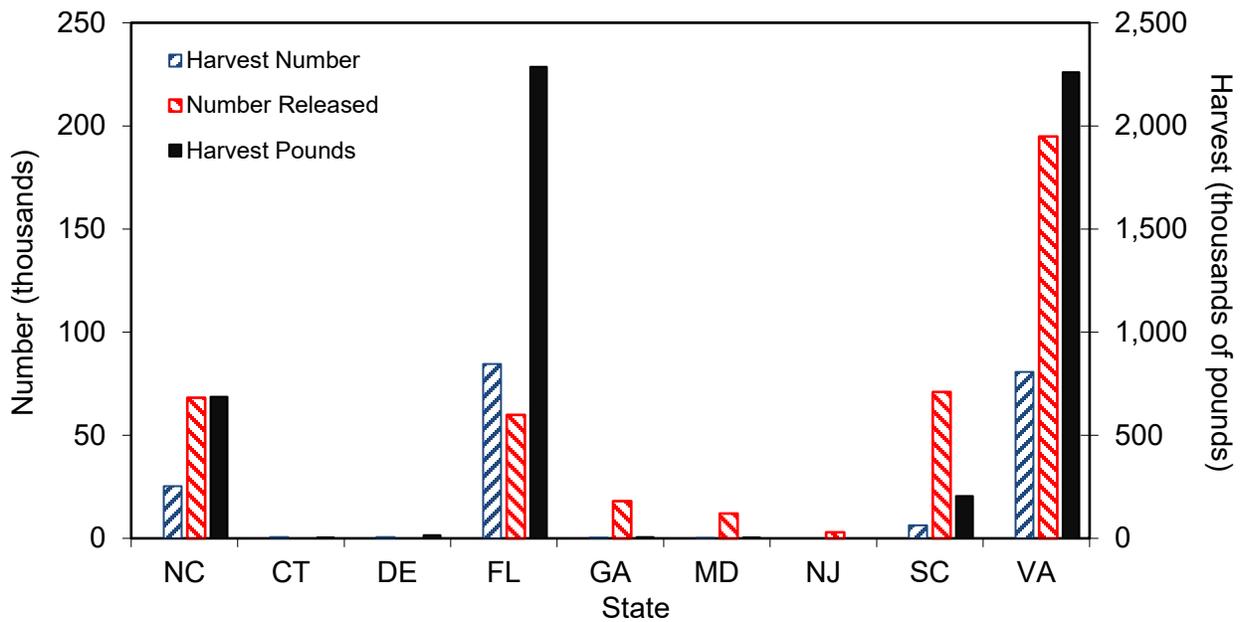


Figure III.12 Cobia recreational catch by state, 2018.

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)
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
1999	395,167	17.7	3,280,273	19.7	28.3	8.3	10,406	55.2

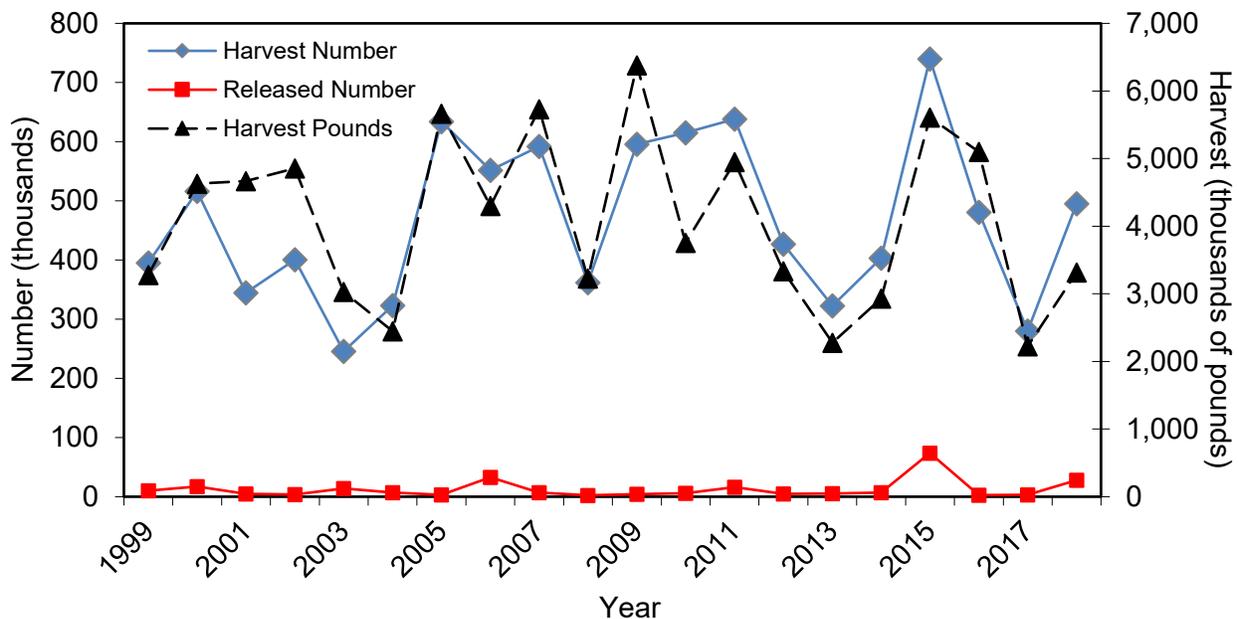


Figure III.13 Dolphinfish recreational catch in North Carolina by year.

Table III.19 Dolphinfish recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	495,435	15.6	3,318,532	14.8	25.6	6.7	27,959	42.1
Connecticut	6,944	64.0	56,821	67.1	28.9	8.2	440	74.9
Delaware	5,862	65.3	7,003	64.7	15.2	1.2	-	-
Florida	1,169,688	27.5	6,894,661	23.9	24.8	5.5	455,867	25.0
Maryland	30,966	59.7	333,259	60.8	31.2	10.8	-	-
Massachusetts	4,087	58.6	39,116	60.7	30.3	9.6	-	-
New Jersey	631,871	35.9	2,264,026	42.4	20.7	3.6	186,713	49.0
New York	43,313	59.4	392,185	72.7	28.2	9.1	38	95.7
Rhode Island	481	99.3	1,168	99.3	19.3	2.4	-	-
South Carolina	141,467	56.7	1,500,542	57.0	31.3	10.6	20,084	58.6
Virginia	14,299	50.8	107,511	59.7	27.2	7.5	2,569	92.5

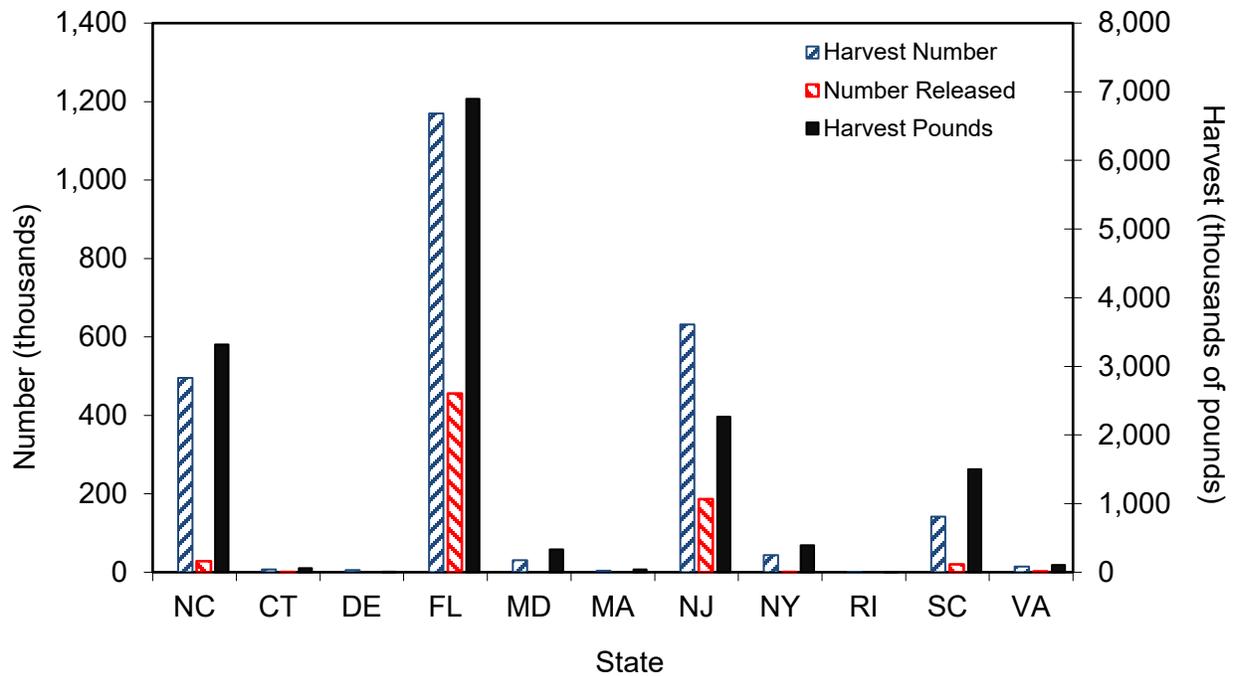


Figure III.14 Dolphinfish recreational catch by state, 2018.

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)
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
1999	279,252	31.5	118,669	35.2	8.7	0.4	134,019	18.1

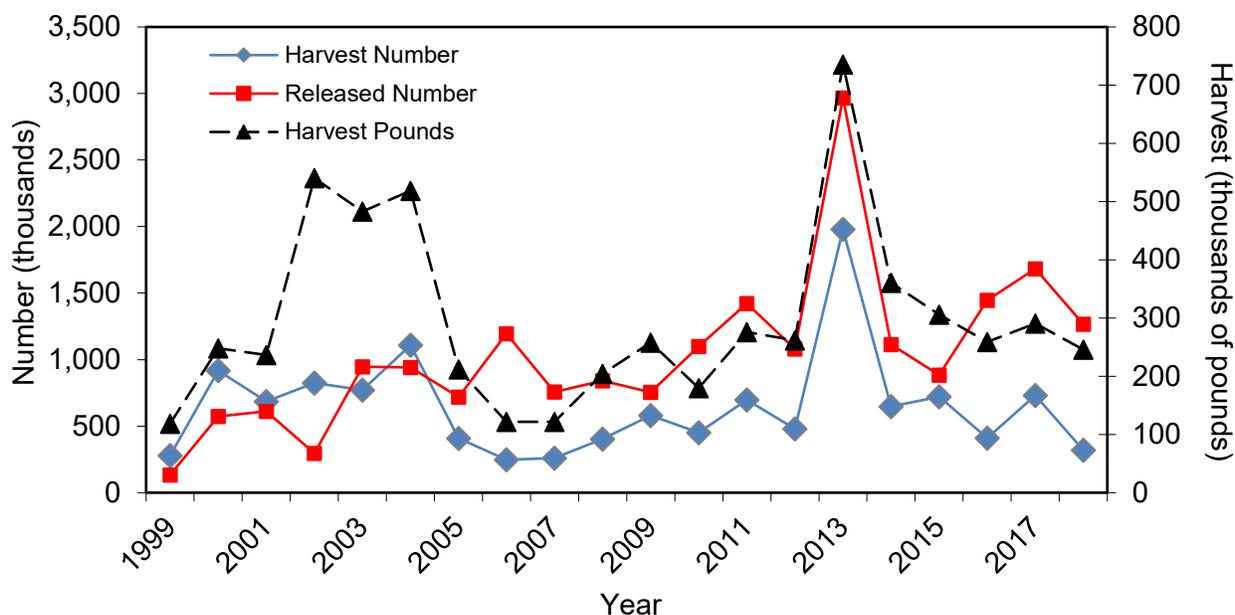


Figure III.15 Florida Pompano recreational catch in North Carolina by year.

Table III.21 Florida Pompano recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	318,702	37.4	245,670	42.2	8.7	0.8	1,267,505	22.9
Delaware	-	-	-	-	-	-	10,339	50.5
Florida	556,865	30.5	856,504	28.6	12.6	1.6	1,033,009	26.5
Georgia	730	97.2	965	97.2	12.7	1.3	11,397	67.4
Maryland	-	-	-	-	-	-	12,859	66.6
South Carolina	94,835	21.5	18,773	24.2	6.0	0.2	2,187,743	34.3
Virginia	35,510	71.2	13,006	71.7	7.1	0.4	38,282	86.2

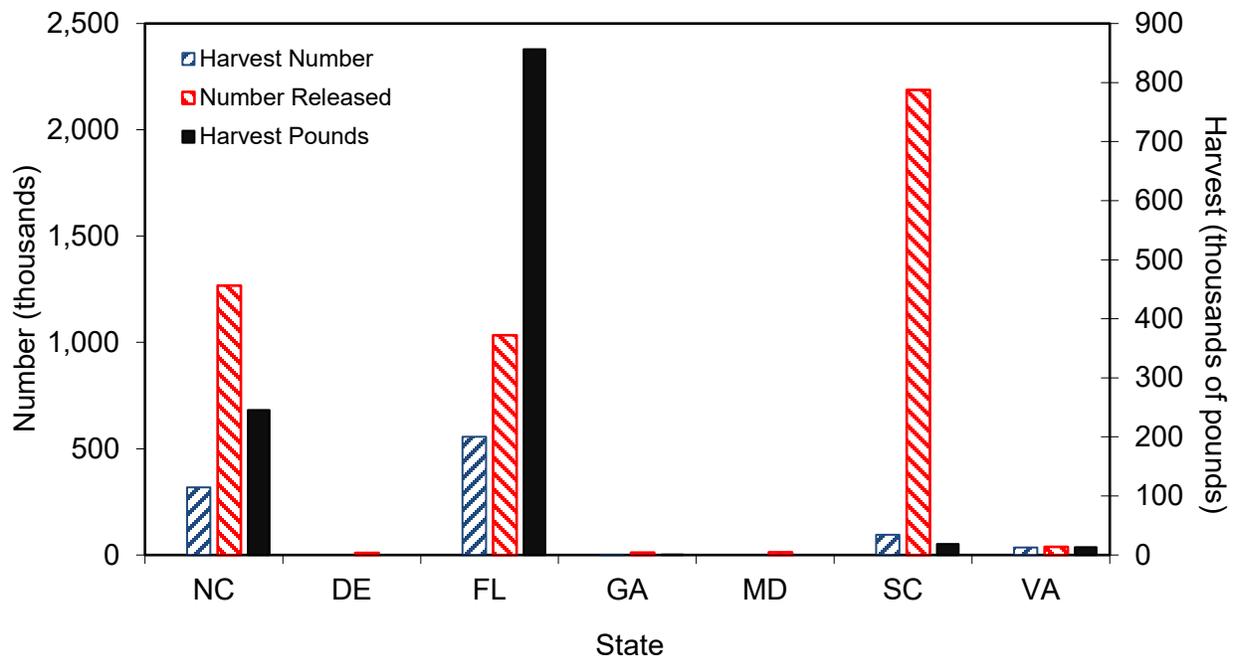


Figure III.16 Florida Pompano recreational catch by state, 2018.

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)
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
1999	3,111	48.8	33,795	56.3	26.9	10.9	474	99.9

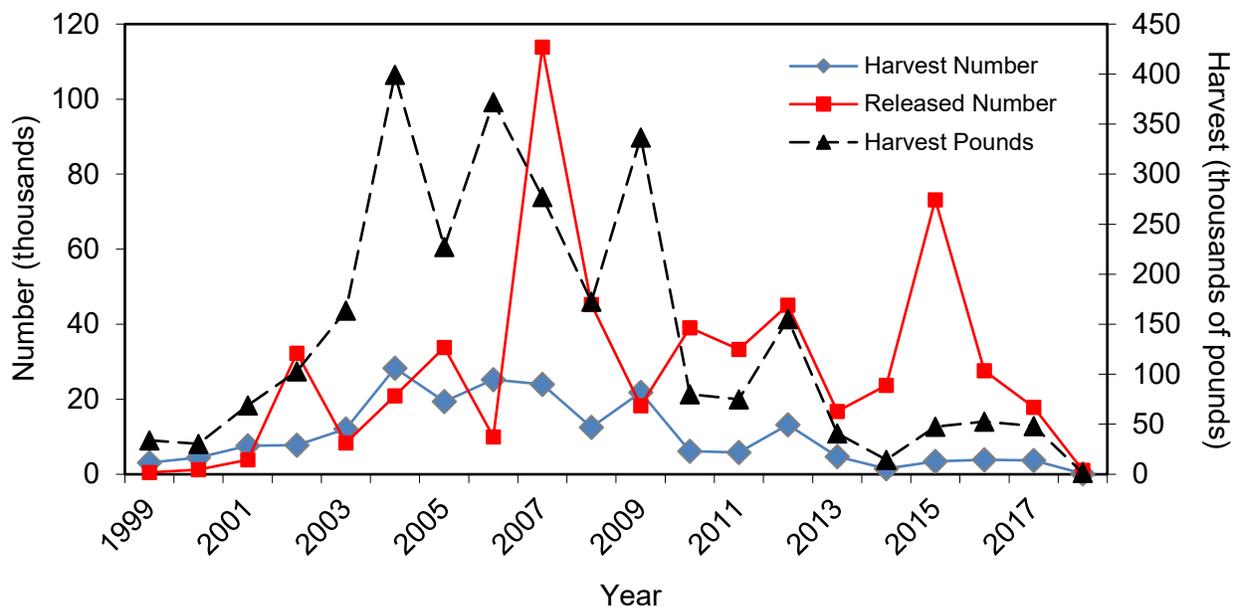


Figure III.17 Gag Grouper recreational catch in North Carolina by year.

Table III.23 Gag Grouper recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	171	53.5	1,326	54.0	25.4	7.8	1,070	75.1
Florida	22,760	47.8	332,921	40.9	26.0	8.8	47,450	50.6
Georgia	1,908	101.4	34,433	102.1	33.4	18.0	101	54.3
South Carolina	34	105.6	359	105.6	28.0	10.6	3,283	62.6
Virginia	-	-	-	-	-	-	274	101.2

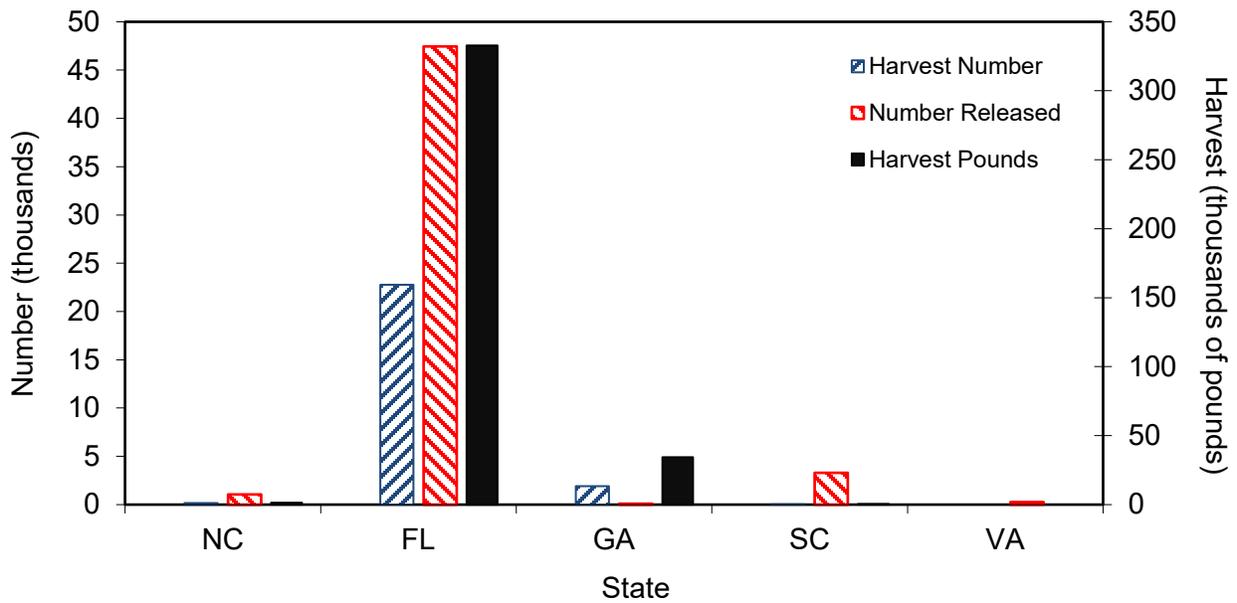


Figure III.18 Gag Grouper recreational catch by state, 2018.

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)
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
1999	1,908	69.3	27,491	50.3	24.4	14.4	1,245	83.2

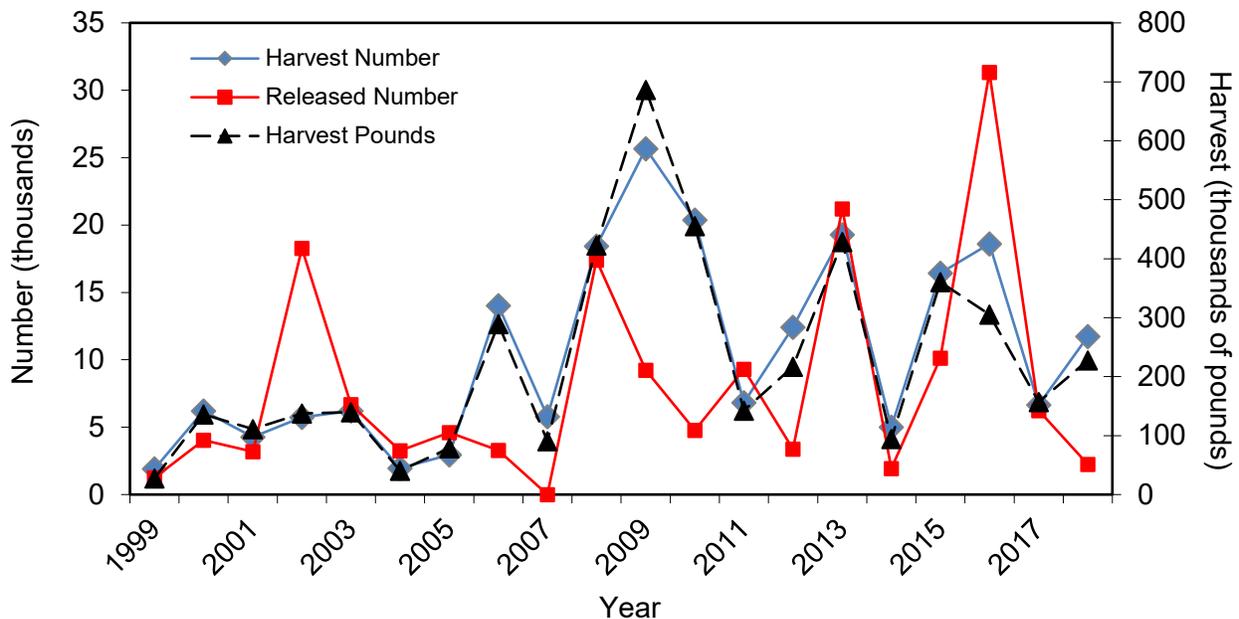


Figure III.19 Greater Amberjack recreational catch in North Carolina by year.

Table III.25 Greater Amberjack recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	11,742	43.1	227,441	40.4	34.2	19.4	2,243	55.6
Florida	22,978	30.0	526,881	31.1	36.9	26.5	64,132	51.5
Georgia	566	75.3	12,122	72.3	34.2	21.4	373	46.7
Maryland	89	107.2	283	107.2	17.4	3.2	-	-
South Carolina	121	106.8	2,643	106.8	35.1	21.8	1,378	57.0
Virginia	-	-	-	-	-	-	2	101.2

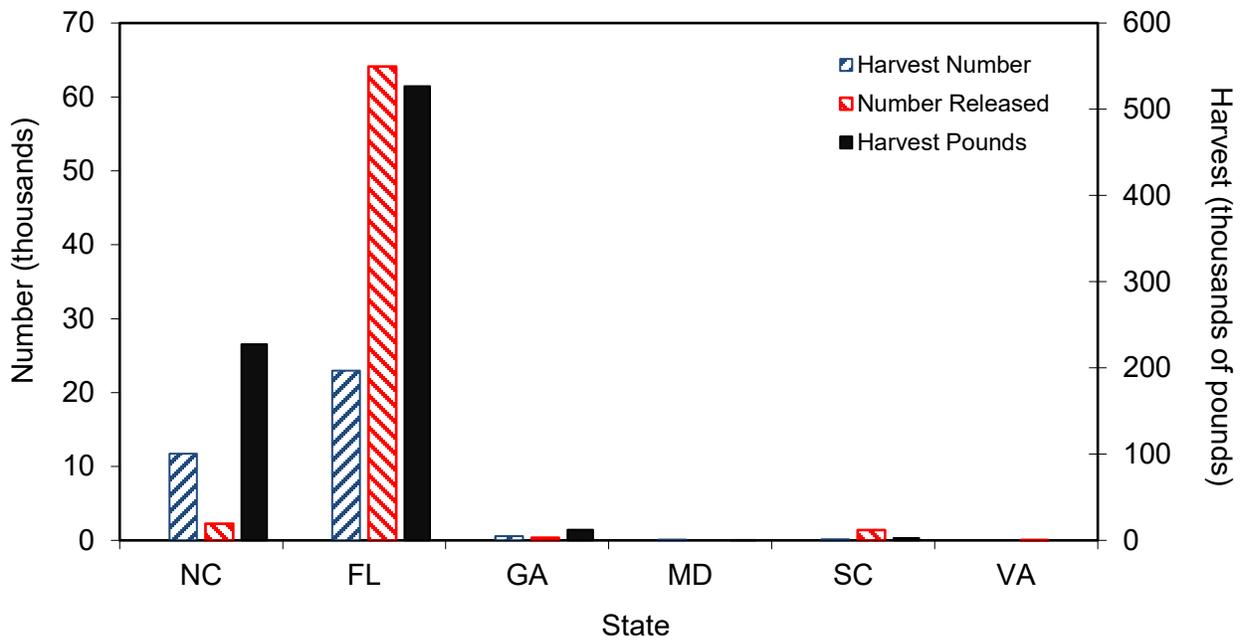


Figure III.20 Greater Amberjack recreational catch by state, 2018.

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)
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
1999	1,457	56.6	30,464	58.7	45.5	20.9	3,767	46.1

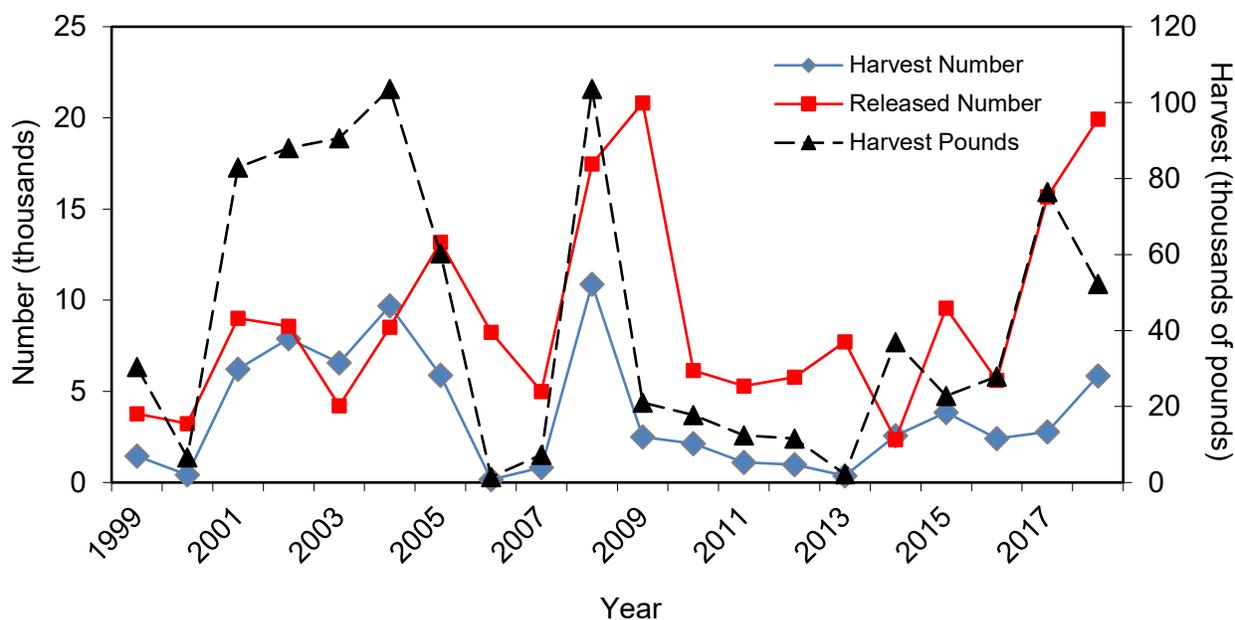


Figure III.21 Great Barracuda recreational catch in North Carolina by year.

Table III.27 Great Barracuda recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	5,848	37.2	52,304	34.8	33.0	8.9	19,937	55.0
Florida	267,782	24.4	2,078,828	32.8	30.7	7.9	807,569	22.3
Georgia	11,307	72.5	103,842	72.1	32.5	9.2	12,107	60.8
South Carolina	194	96.5	1,670	96.5	31.8	8.6	17,130	45.8

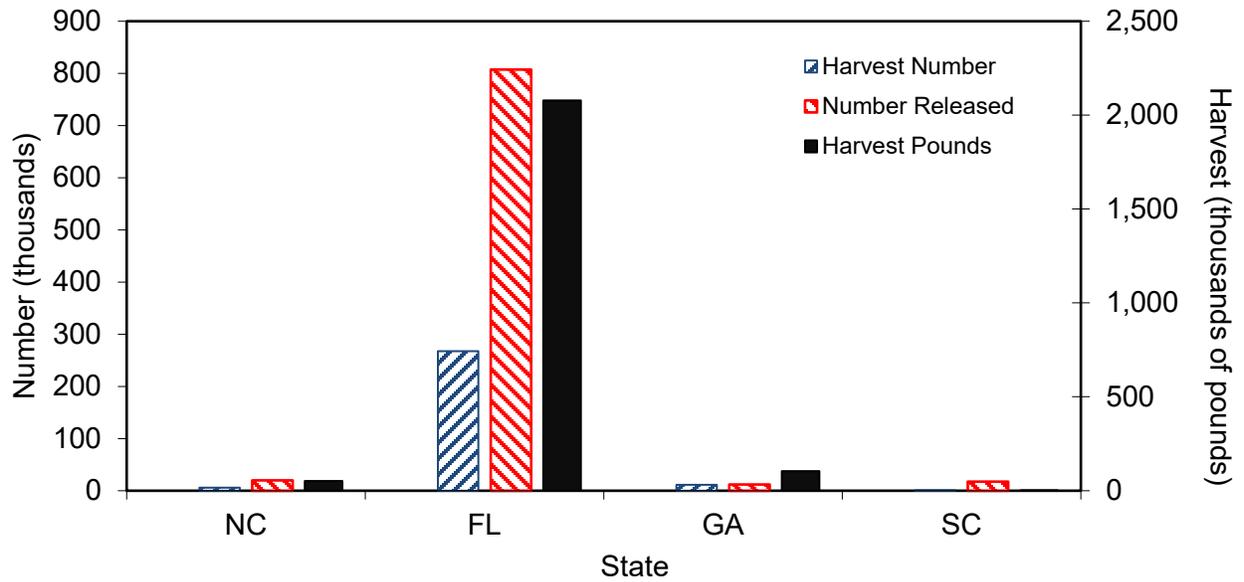


Figure III.22 Great Barracuda recreational catch by state, 2018.

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 ¹	PSE (release) ¹
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	-
1999	179,229	39.7	95,232	44.0	10.0	0.5	246,406	-

¹ 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.

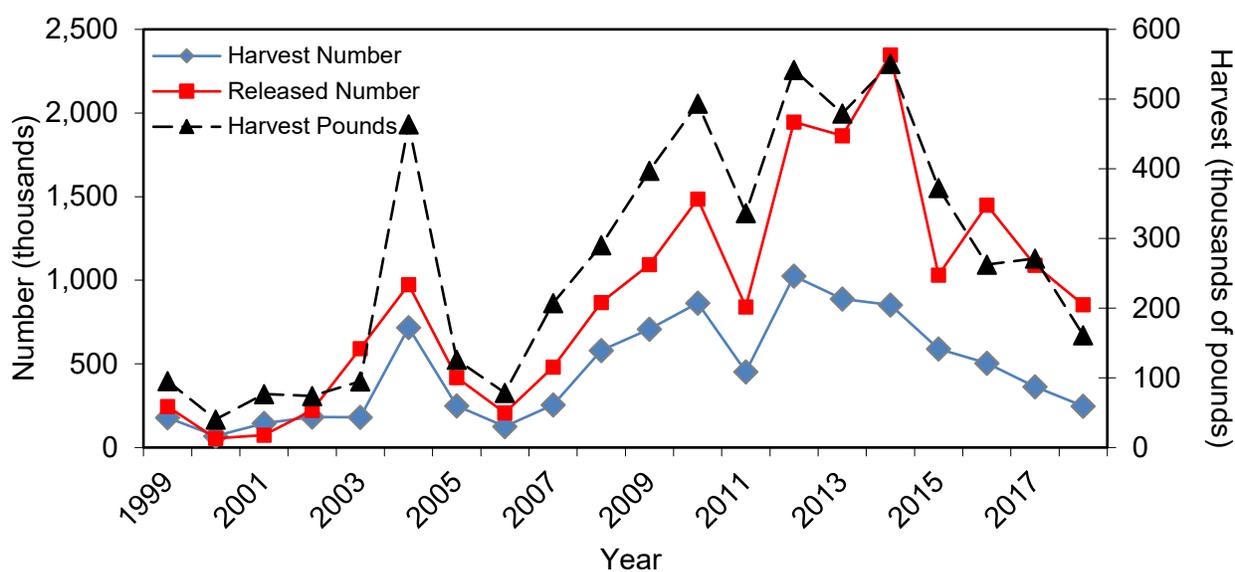


Figure III.23 Gulf Kingfish recreational catch in North Carolina by year.

Table III.29 Gulf Kingfish recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number ¹	PSE (release) ¹
North Carolina	247,241	39.1	161,101	38.2	11.6	0.7	-	-
Florida	2,228,073	26.6	1,557,589	25.6	12.0	0.7	-	-
Georgia	8,011	78.9	5,575	85.3	12.0	0.7	-	-
South Carolina	27,609	39.7	11,920	51.5	10.1	0.4	-	-

¹ Released kingfish are not always recorded to species level. Numbers released are not shown by state.

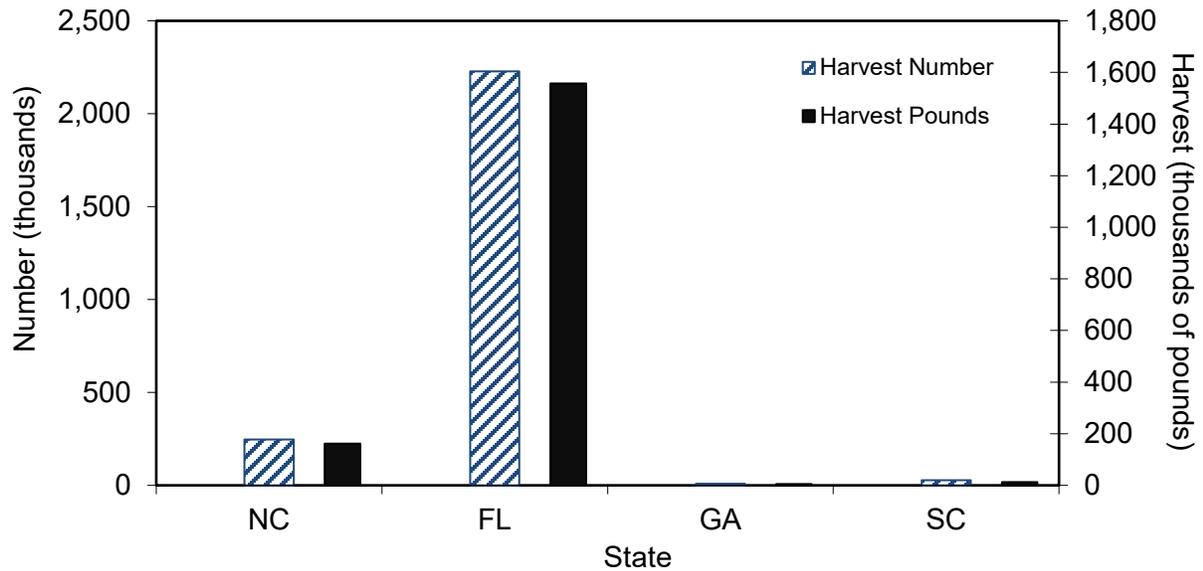


Figure III.24 Gulf Kingfish recreational catch by state, 2018.

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)
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
1999	104,483	18.6	1,034,465	19.5	31.6	9.9	120,296	34.9

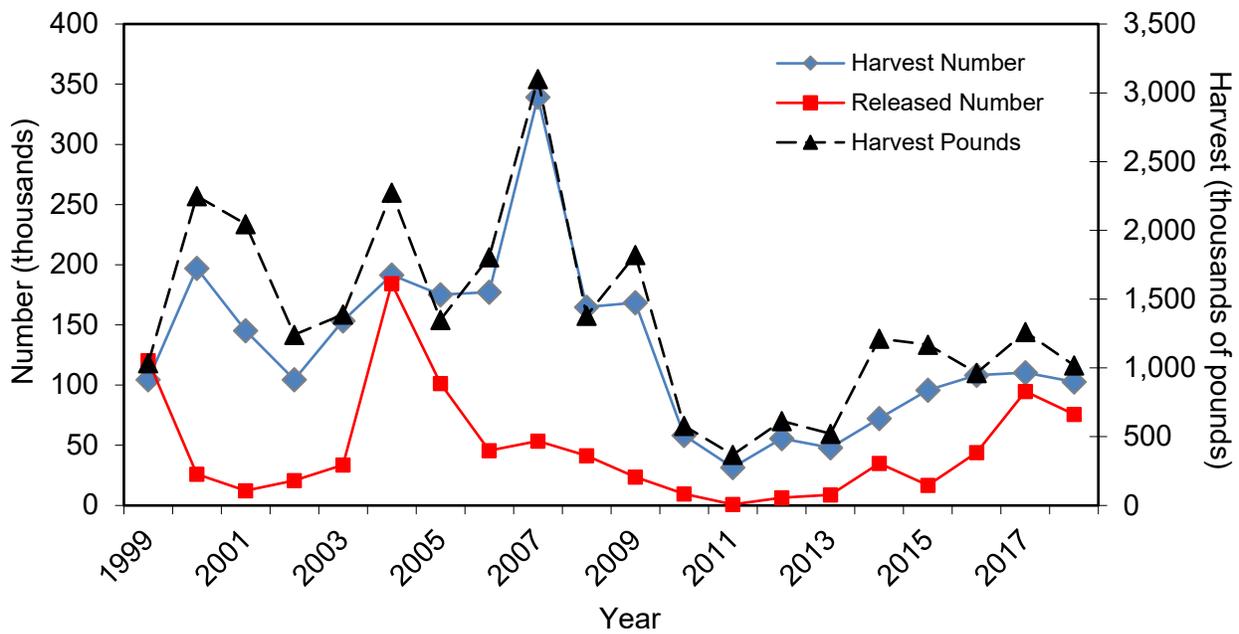


Figure III.25 King Mackerel recreational catch in North Carolina by year.

Table III.31 King Mackerel recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	102,675	19.0	1,018,459	30.1	30.3	9.9	75,614	32.6
Delaware	-	-	-	-	-	-	141	104.4
Florida	513,251	14.8	3,878,801	15.3	31.0	9.0	151,981	31.6
Georgia	24,542	45.3	424,580	47.5	37.2	17.3	27,346	65.7
Maryland	266	107.2	1,407	107.2	26.8	5.3	-	-
South Carolina	40,574	26.5	216,538	25.5	26.4	5.3	29,662	38.7
Virginia	2,279	55.2	17,144	57.3	28.1	7.5	2,379	66.5

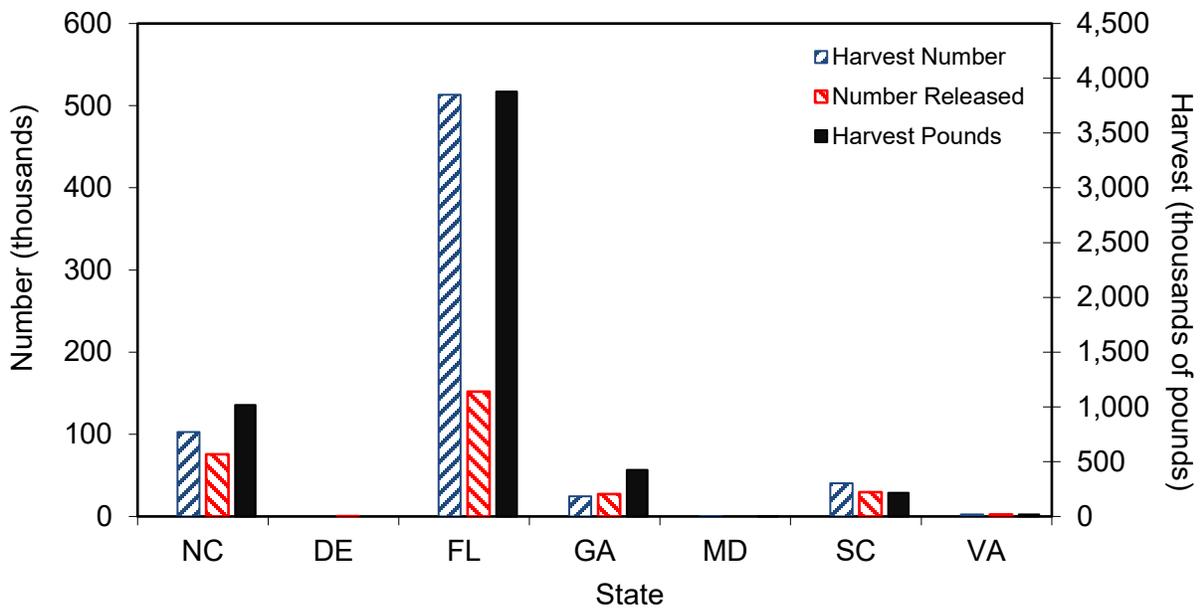


Figure III.26 King Mackerel recreational catch by state, 2018.

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 ¹	PSE (release) ¹
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	-
1999	383,272	28.9	238,571	27.0	10.7	0.6	294,656	-

¹ 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.

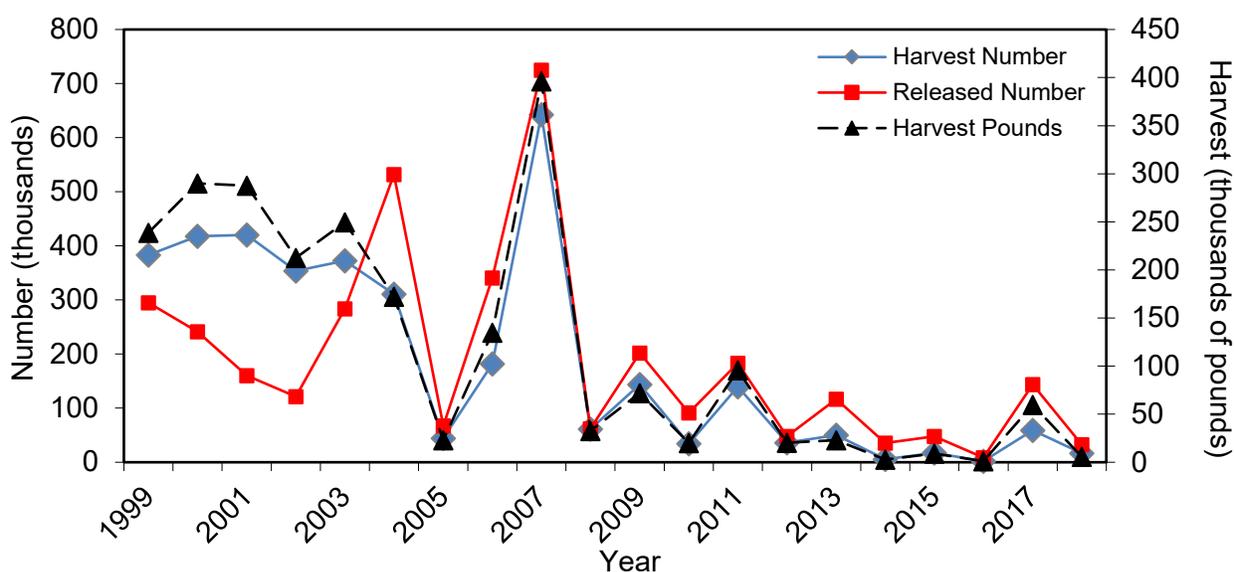


Figure III.27 Northern Kingfish recreational catch in North Carolina by year.

Table III.33 Northern Kingfish recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number ¹	PSE (release) ¹
North Carolina	16,413	62.2	5,808	68.1	9.2	0.4	-	-
Connecticut	-	-	-	-	-	-	-	-
Delaware	1,308	72.6	952	79.5	11.3	0.7	-	-
Maryland	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Jersey	52,871	57.5	34,265	61.0	11.7	0.6	-	-
New York	11,167	59.5	7,095	68.5	10.9	0.6	-	-
Rhode Island	620	98.6	444	98.6	11.4	0.7	-	-
Virginia	14,599	78.8	7,135	79.3	10.4	0.5	-	-

¹ Released kingfish are not always recorded to species level. Numbers released are not shown by state.

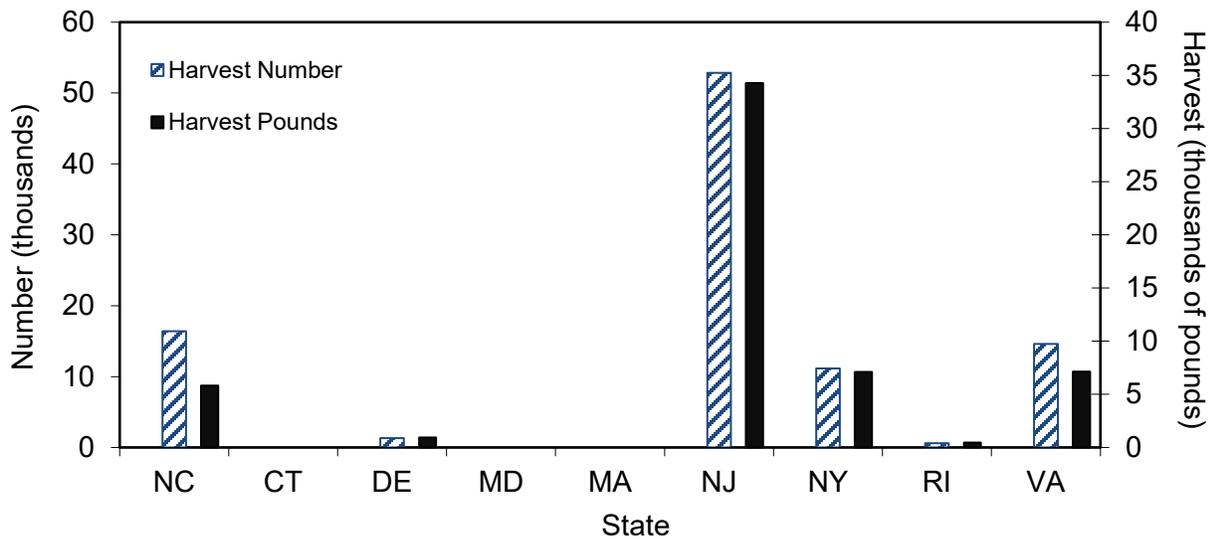


Figure III.28 Northern Kingfish recreational catch by state, 2018.

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)
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
1999	317,116	33.2	221,457	32.7	9.4	0.7	23,021	43.3

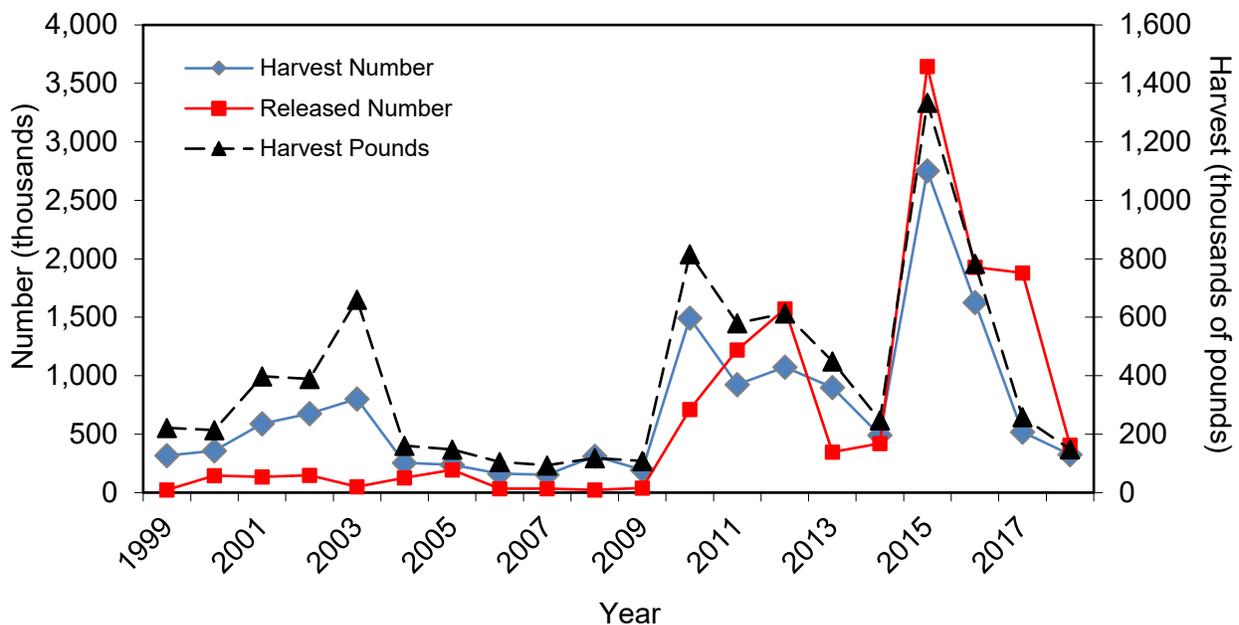


Figure III.29 Northern Puffer recreational catch in North Carolina by year.

Table III.35 Northern Puffer recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	325,810	56.7	148,220	59.7	7.8	0.5	407,924	23.5
Connecticut	-	-	-	-	-	-	438	99.5
Delaware	2,560	98.2	1,401	98.2	8.5	0.5	10,697	48.7
Georgia	-	-	-	-	-	-	2,920	70.8
Maryland	50	104.5	5	104.5	5.9	0.1	128,504	46.5
Massachusetts	8,402	99.3	-	-	-	-	44,943	92.7
New Jersey	36,724	50.2	23,692	49.0	8.9	0.6	168,100	49.2
New York	472,570	57.8	227,108	54.4	8.0	0.5	675,139	54.2
Rhode Island	-	-	-	-	-	-	1,170	62.0
South Carolina	-	-	-	-	-	-	81,576	33.3
Virginia	9,673	42.6	4,351	48.7	7.9	0.4	299,913	26.7

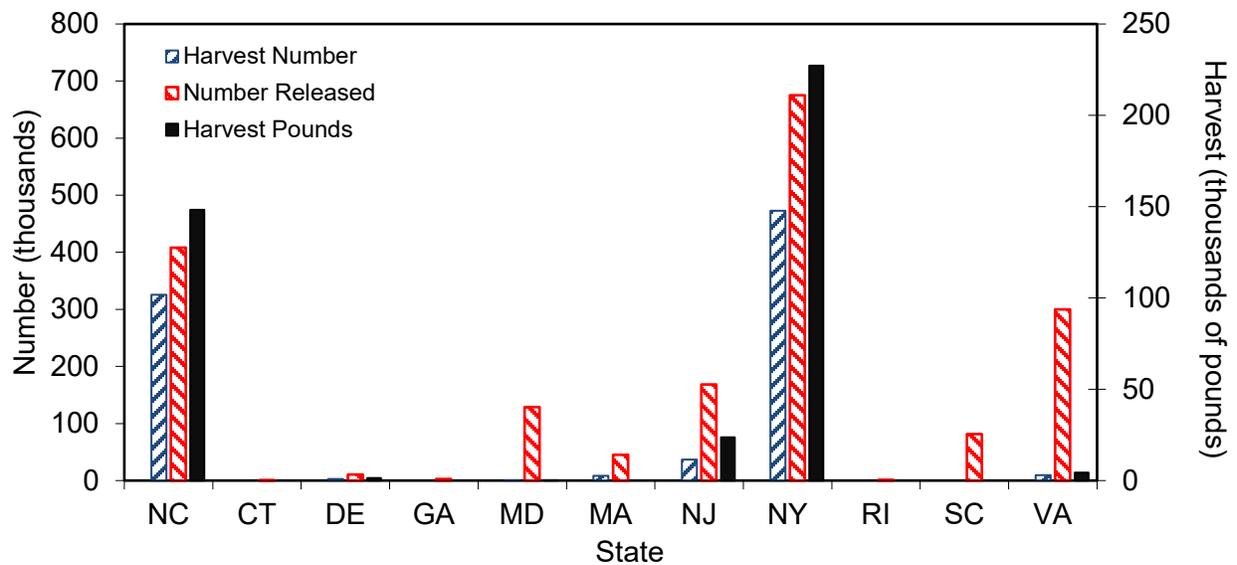


Figure III.30 Northern Puffer recreational catch by state, 2018.

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)
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
1999	1,215,290	29.1	431,807	27.6	8.2	0.4	1,429,091	14.6

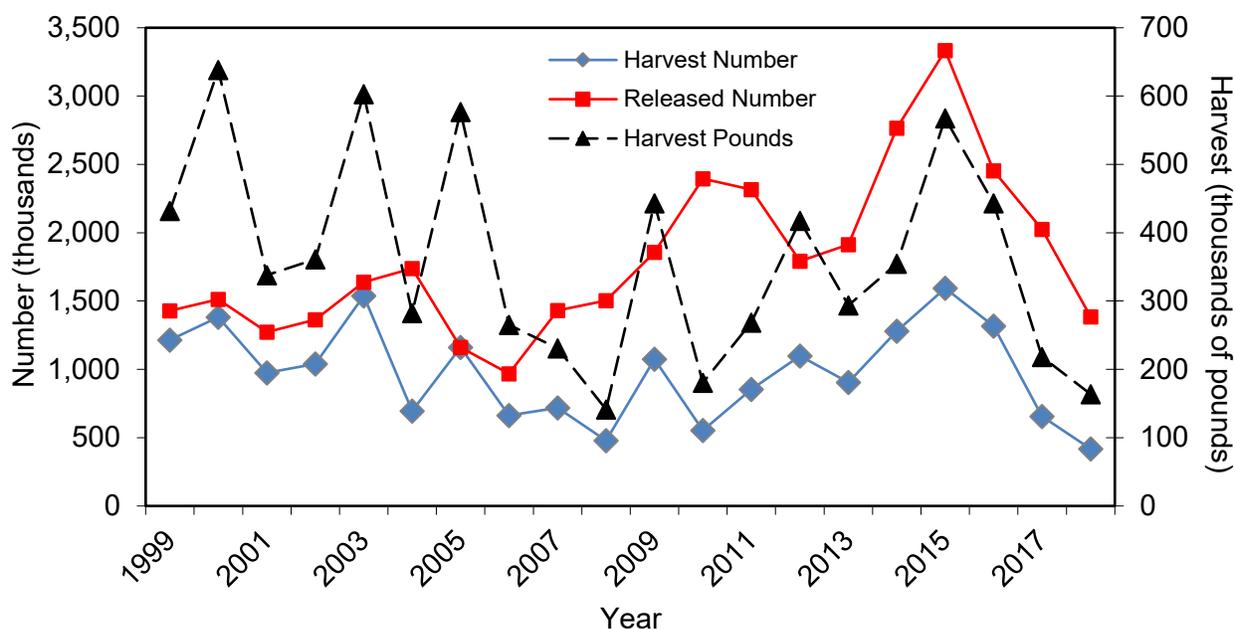


Figure III.31 Pigfish recreational catch in North Carolina by year.

Table III.37 Pigfish recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	418,174	21.5	163,686	21.4	8.3	0.4	1,385,059	15.4
Delaware	-	-	-	-	-	-	21	-
Florida	284,484	52.2	102,395	53.1	7.9	0.3	184,912	42.9
Georgia	6,162	64.4	1,195	52.6	6.5	0.2	50,103	49.6
New Jersey	94	110.9	29	110.9	7.7	0.3	49	105.2
South Carolina	20,625	41.9	10,881	44.5	9.2	0.5	82,514	61.8
Virginia	2,662	46.7	814	48.9	7.6	0.3	995,570	58.0

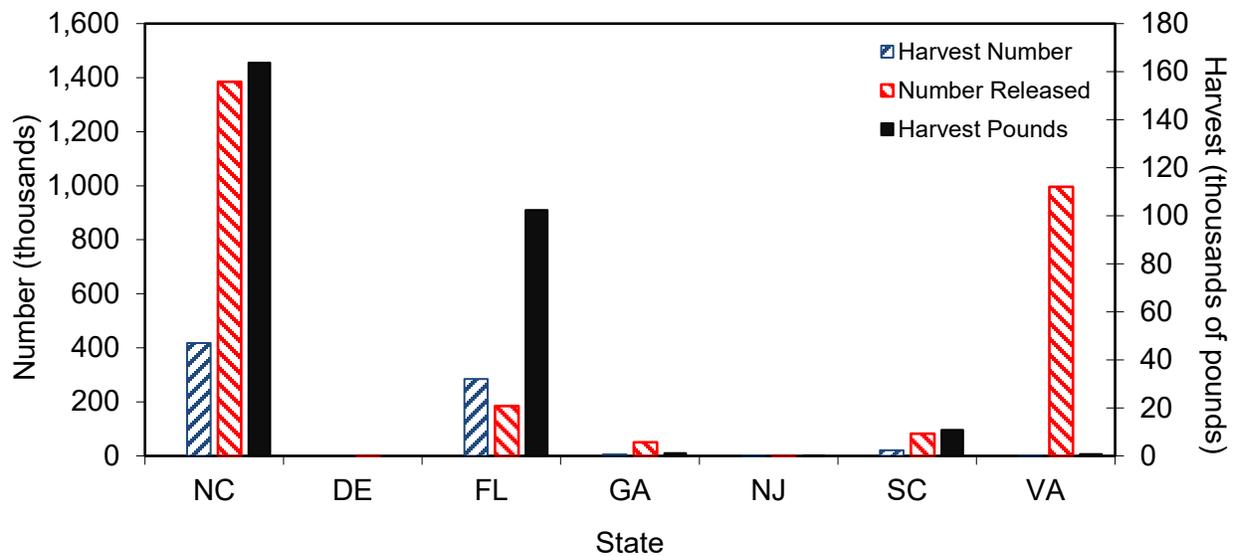


Figure III.32 Pigfish recreational catch by state, 2018.

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)
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
1999	1,788,768	29.0	485,764	27.3	7.6	0.3	9,948,280	15.1

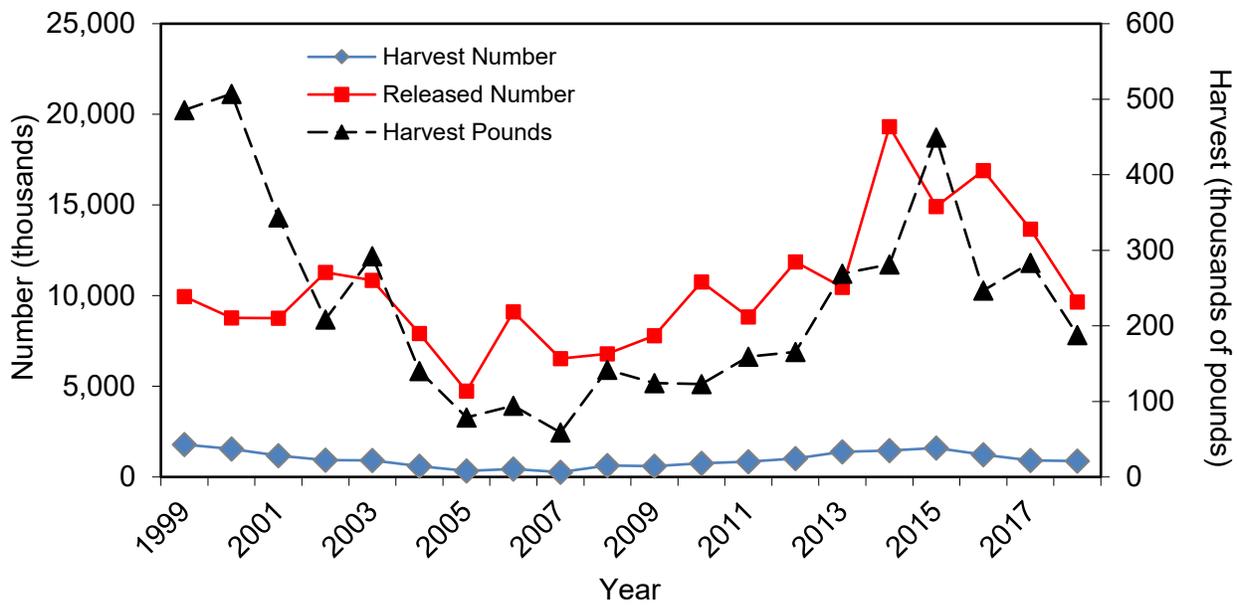


Figure III.33 Pinfish recreational catch in North Carolina by year.

Table III.39 Pinfish recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	886,712	18.7	188,046	18.6	6.4	0.2	9,646,310	10.7
Delaware	-	-	-	-	-	-	8	-
Florida	1,289,787	40.3	300,959	41.9	6.4	0.2	1,304,240	21.5
Georgia	25,886	48.0	6,337	50.1	6.7	0.2	118,293	40.5
Maryland	0	100.6	0	100.6	11.5	1.2	9	79.7
Massachusetts	29	100.8	16	100.8	8.9	0.6	-	-
New York	429	42.9	351	42.9	10.6	0.8	-	-
South Carolina	125,499	36.0	28,458	33.5	6.4	0.2	1,522,924	19.3
Virginia	27,697	74.7	23,949	68.5	10.2	0.9	108,469	97.4

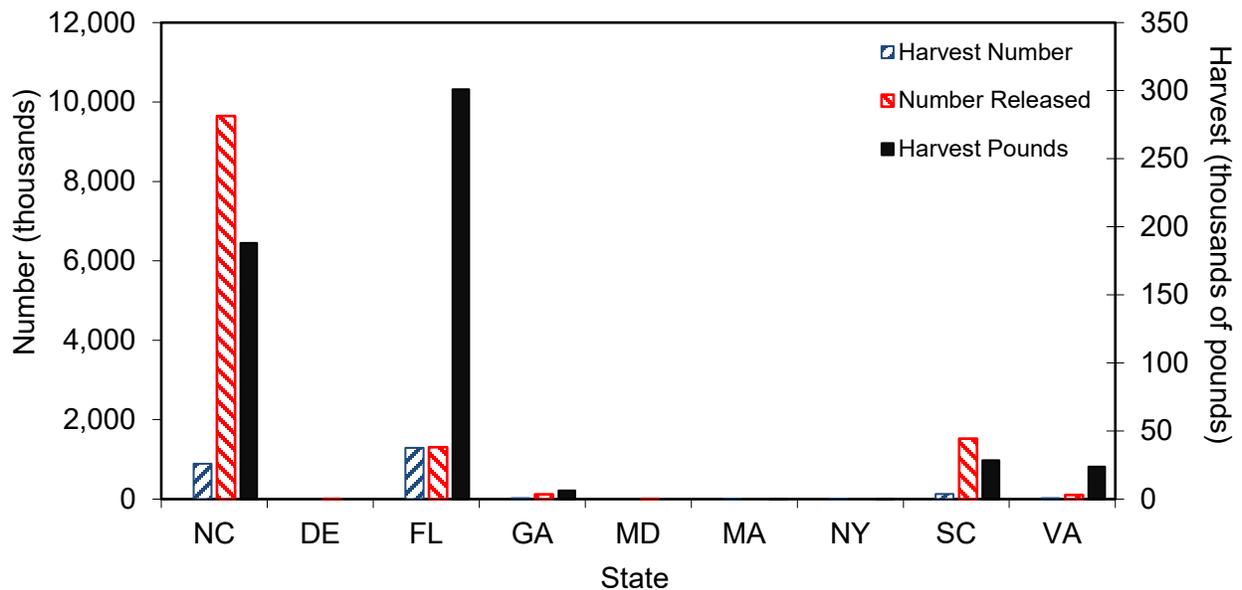


Figure III.34 Pinfish recreational catch by state, 2018.

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)
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
1999	151,062	15.1	701,002	15.5	22.1	4.6	633,951	13.8

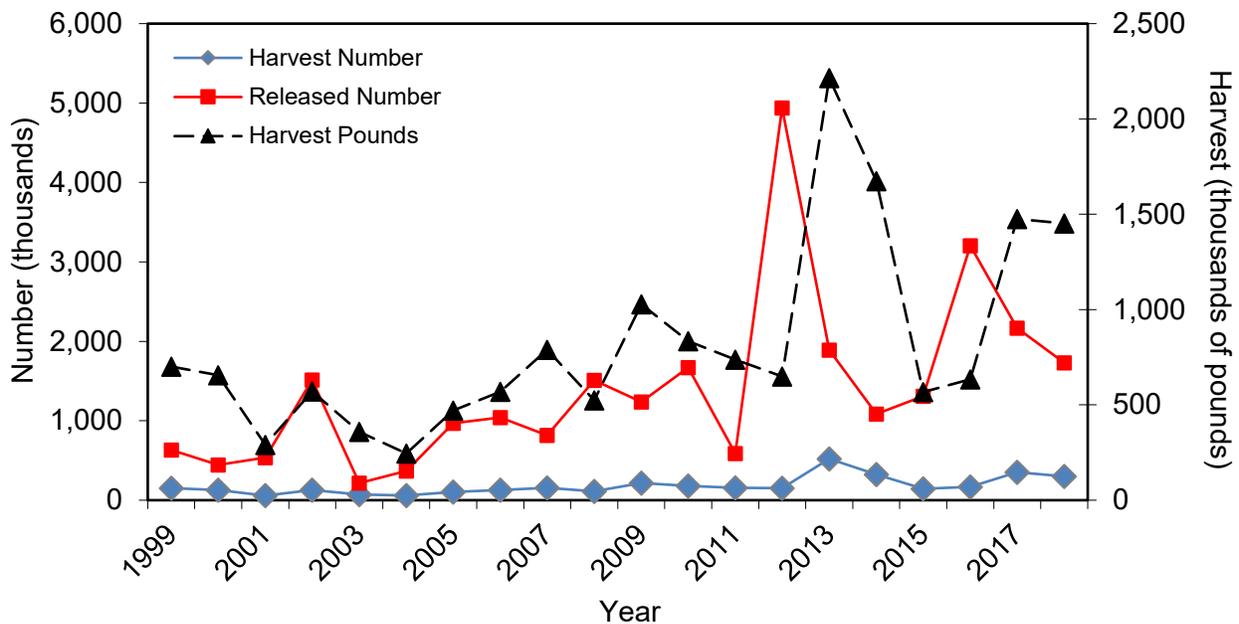


Figure III.35 Red Drum recreational catch in North Carolina by year.

Table III.41 Red Drum recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	299,577	19.1	1,452,358	18.6	22.7	4.8	1,729,260	15.3
Florida	1,069,604	14.1	4,829,344	14.8	22.0	4.4	5,375,011	13.5
Georgia	606,836	20.1	1,186,306	18.9	16.3	2.0	1,045,570	20.7
Maryland	-	-	-	-	-	-	21,384	76.6
New Jersey	-	-	-	-	-	-	4,715	101.9
South Carolina	262,725	20.1	643,213	17.1	17.7	2.4	1,493,803	16.6
Virginia	6,334	57.3	31,566	69.5	21.7	5.0	85,338	37.4

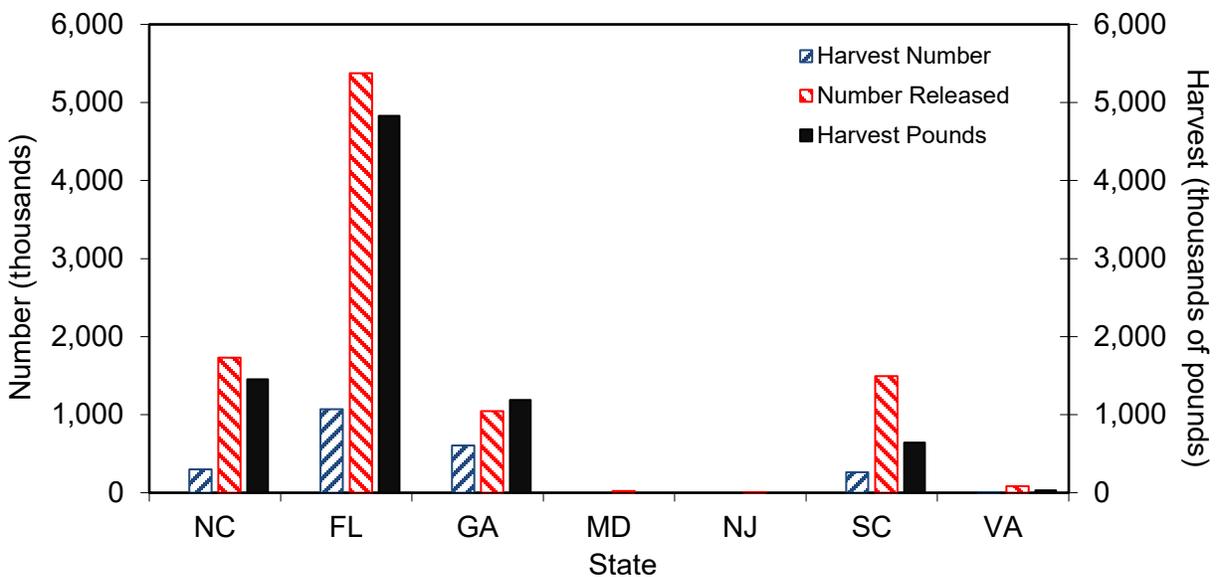


Figure III.36 Red Drum recreational catch by state, 2018.

Table III.42 Sheepshead 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)
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
1999	255,885	22.3	758,153	31.9	14.5	3.0	124,676	29.0

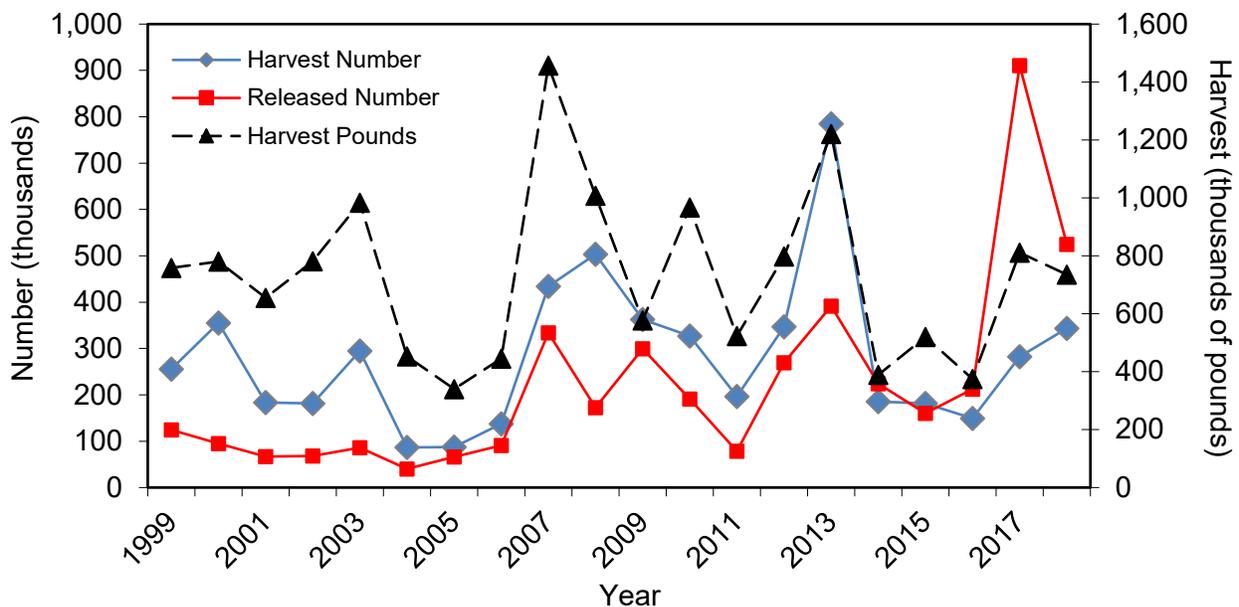


Figure III.37 Sheepshead recreational catch in North Carolina by year.

Table III.43 Sheepshead recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	343,772	22.5	735,738	20.1	12.8	2.1	524,967	17.7
Delaware	4,790	55.0	21,906	52.9	17.4	4.6	540	99.0
Florida	1,739,915	18.2	3,825,050	17.8	13.2	2.2	2,341,393	24.4
Georgia	402,754	30.3	846,473	29.1	12.8	2.1	237,476	53.0
Maryland	159	101.0	426	101.0	14.0	2.7	-	-
New Jersey	3,586	100.2	13,704	100.2	15.1	3.8	11,549	100.1
South Carolina	117,958	28.5	418,964	30.8	15.4	3.6	421,288	27.1
Virginia	9,285	52.6	27,413	48.9	14.3	3.0	30,156	83.4

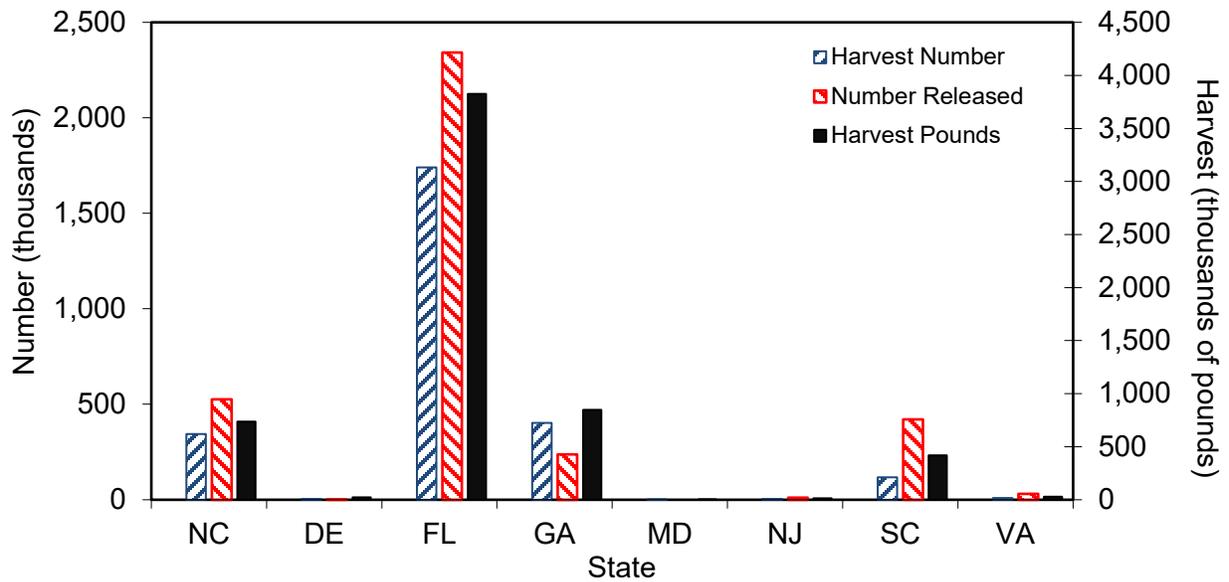


Figure III.38 Sheepshead recreational catch by state, 2018.

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)
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
1999	246,919	35.4	50,588	33.2	7.4	0.2	571,776	28.8

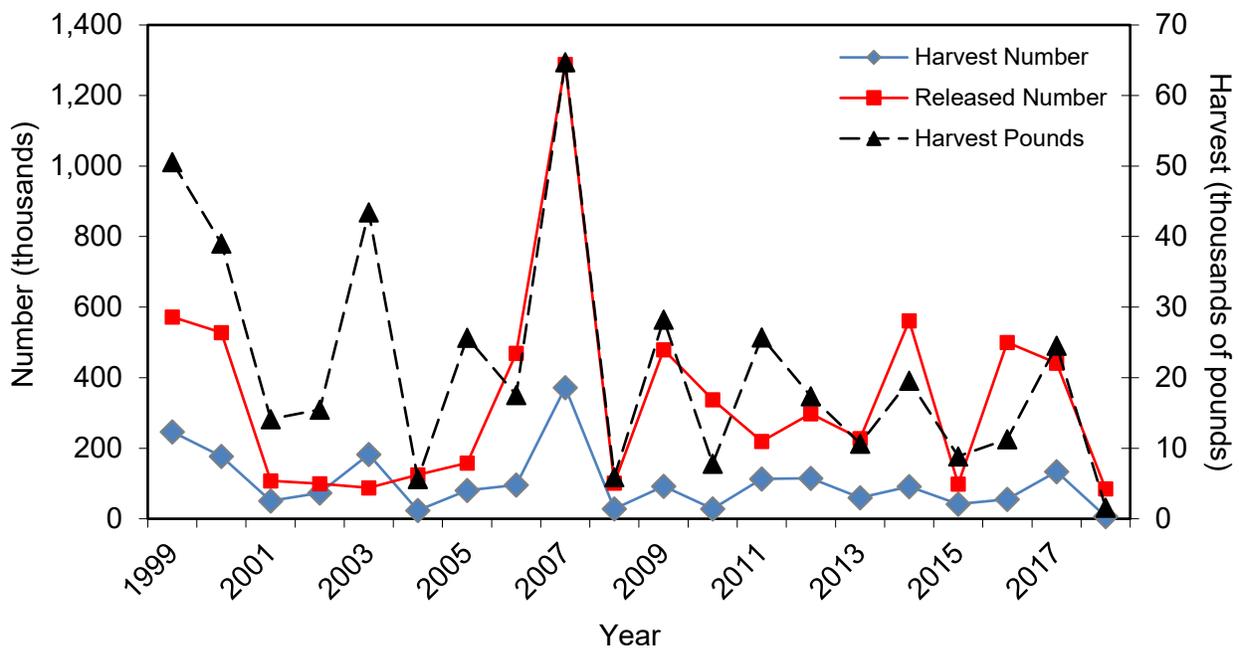


Figure III.39 Silver Perch recreational catch in North Carolina by year.

Table III.45 Silver Perch recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	6,595	54.9	1,594	53.7	7.4	0.2	84,721	38.8
Florida	40,163	82.7	8,958	82.4	7.7	0.2	97,589	50.2
Georgia	125,024	42.5	24,244	42.2	7.1	0.2	787,843	32.5
New Jersey	17,748	100.4	2,207	100.4	6.0	0.1	-	-
South Carolina	26,971	50.3	5,812	46.9	6.8	0.2	324,087	24.2
Virginia	38,793	78.6	4,725	79.2	6.4	0.1	1,016,495	30.4

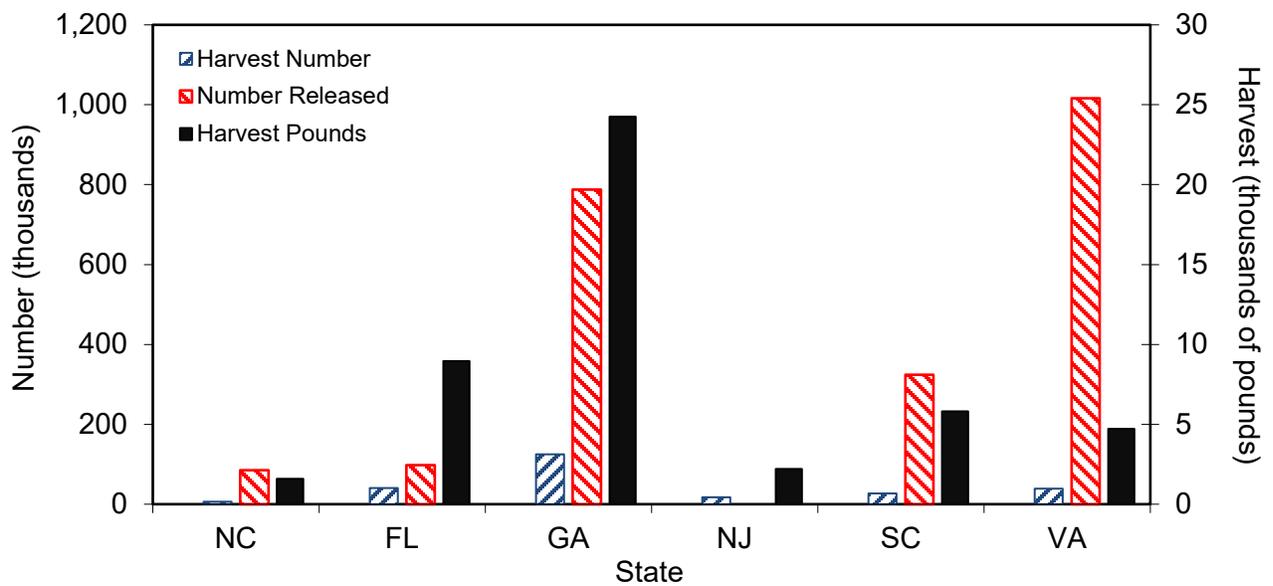


Figure III.40 Silver Perch recreational catch by state, 2018.

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 ¹	PSE (release) ¹
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	-
1999	78,321	29.5	184,969	31.9	17.4	2.4	209,956	-

¹ 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.

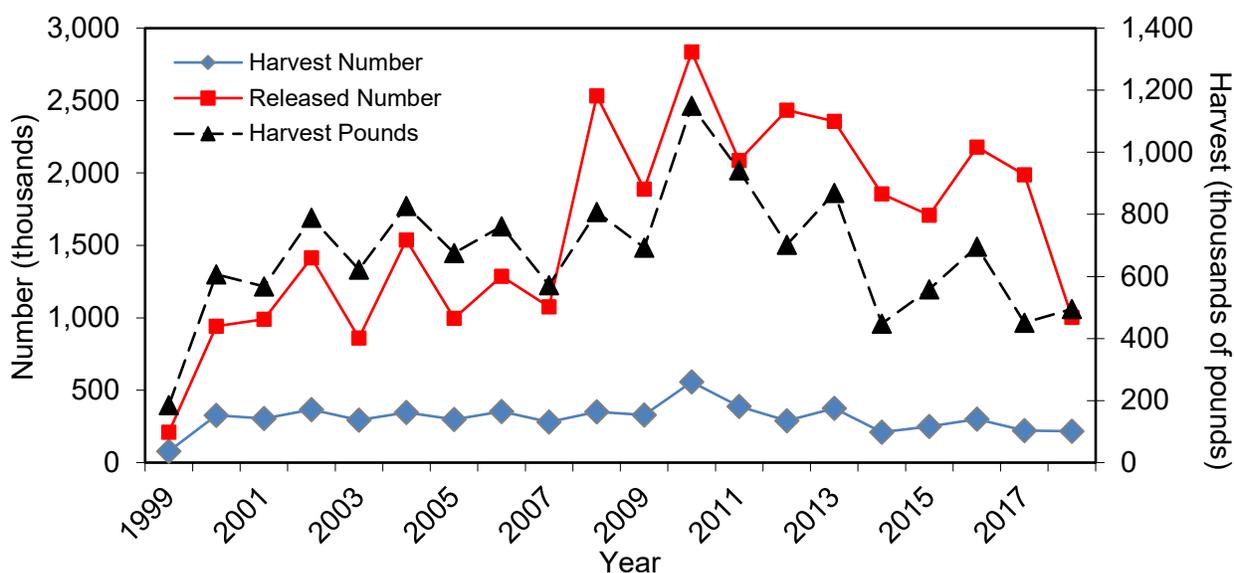


Figure III.41 Southern Flounder recreational catch in North Carolina by year.

Table III.47 Southern Flounder recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number ¹	PSE (release) ¹
North Carolina	217,805	19.3	495,289	18.5	17.2	2.3	-	-
Florida	564,951	39.9	880,242	37.0	15.2	1.5	-	-
Georgia	117,482	26.6	185,043	27.7	14.8	1.6	-	-
South Carolina	113,922	20.9	234,914	21.4	16.7	2.1	-	-
Virginia	3,056	98.2	9,203	100.5	18.9	3.0	-	-

¹ Released flounder are not always recorded to species level. Numbers released are not shown by state.

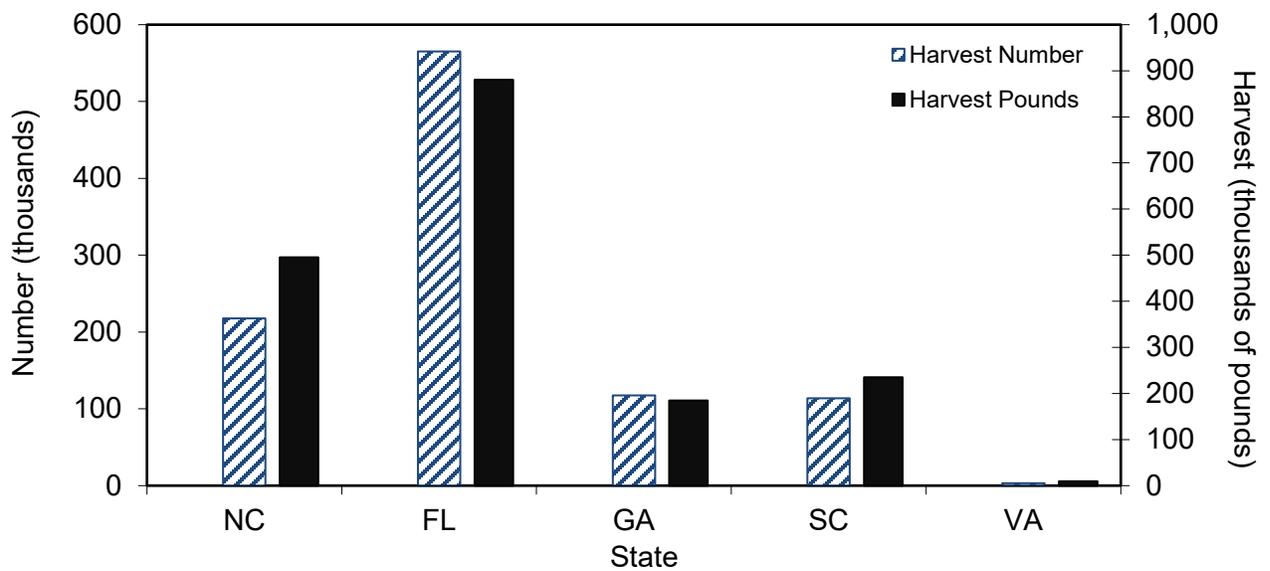


Figure III.42 Southern Flounder recreational catch by state, 2018.

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 ¹	PSE (release) ¹
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	-
1999	526,930	27.8	303,576	30.2	11.5	0.6	338,161	-

¹ 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.

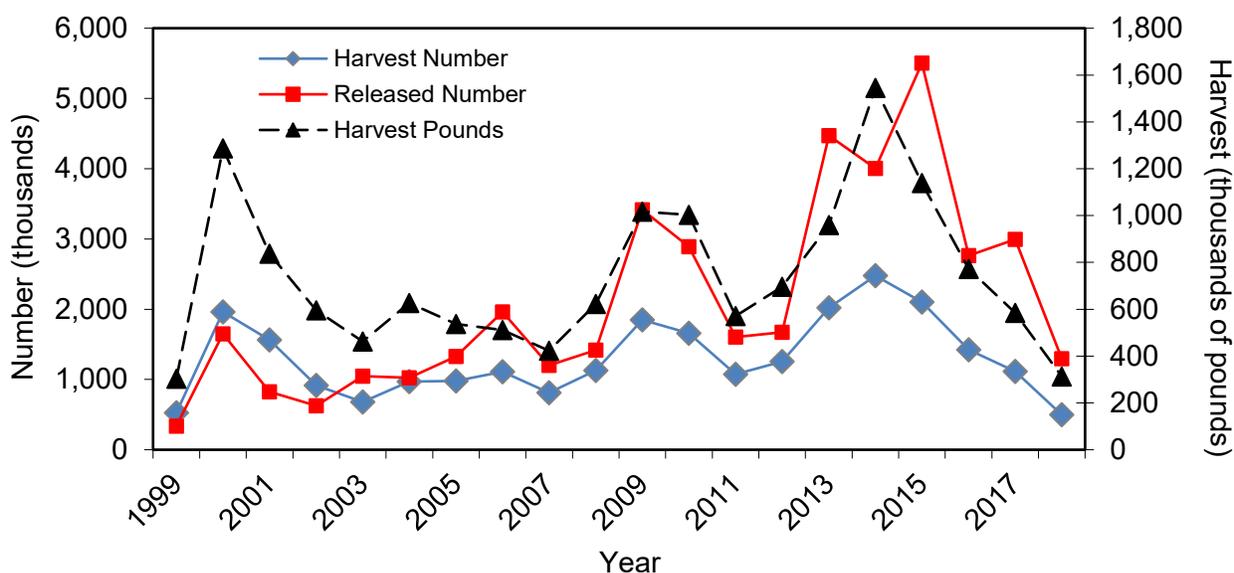


Figure III.43 Southern Kingfish recreational catch in North Carolina by year.

Table III.49 Southern Kingfish recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number ¹	PSE (release) ¹
North Carolina	497,134	19.8	312,829	20.0	11.5	0.6	-	-
Delaware	928	86.2	680	90.8	12.0	0.7	-	-
Florida	1,295,912	70.8	565,262	63.9	10.5	0.5	-	-
Georgia	3,383,430	18.0	1,750,124	19.3	10.8	0.5	-	-
Maryland	3,229	73.4	1,354	66.4	10.2	0.4	-	-
New Jersey	1,619	54.2	857	50.8	10.9	0.5	-	-
South Carolina	923,247	25.0	336,224	24.1	9.6	0.4	-	-
Virginia	626,288	31.0	215,902	29.6	9.5	0.3	-	-

¹ Released kingfish are not always recorded to species level. Numbers released are not shown by state.

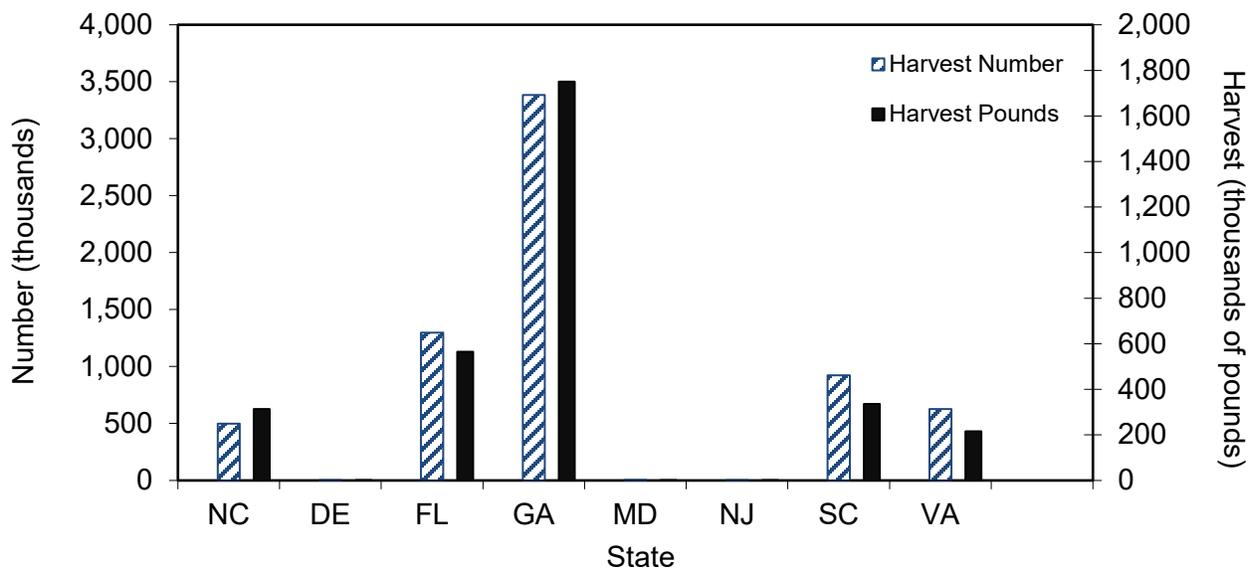


Figure III.44 Southern Kingfish recreational catch by state, 2018.

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)
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
1999	891,001	14.7	1,035,943	16.6	14.8	1.2	253,317	17.0

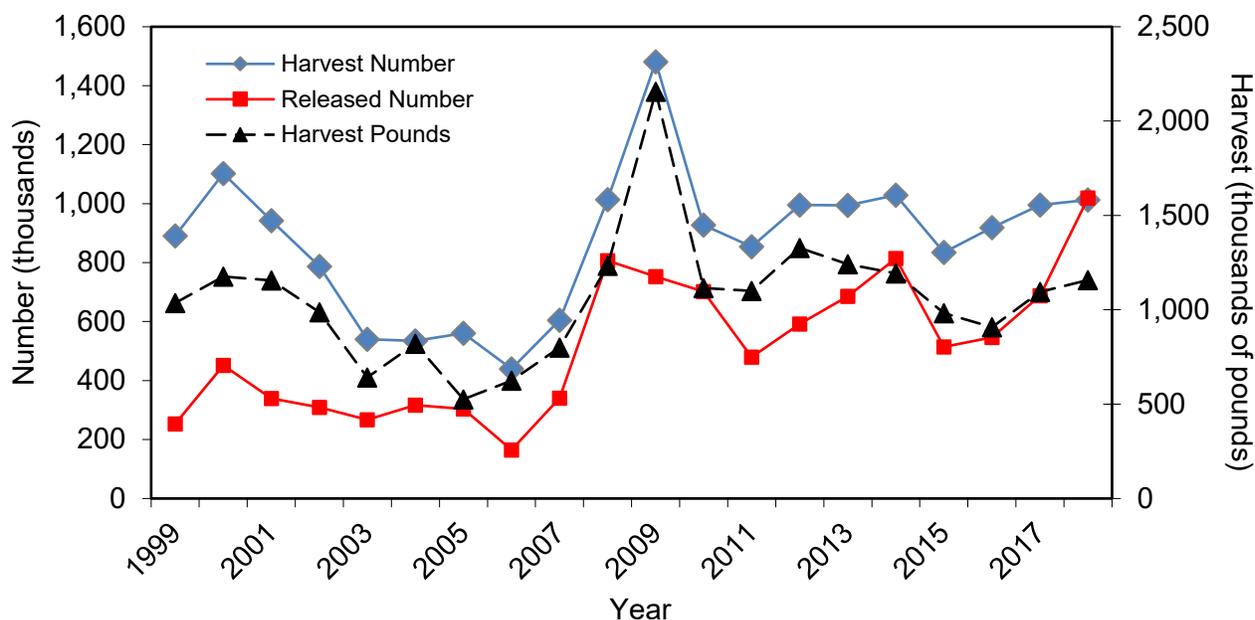


Figure III.45 Spanish Mackerel recreational catch in North Carolina by year.

Table III.51 Spanish Mackerel recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	1,012,889	13.9	1,156,702	14.5	15.0	1.1	1,019,418	30.4
Delaware	797	84.3	1,138	81.1	16.2	1.4	2	59.1
Florida	956,741	26.6	1,354,426	24.3	16.0	1.3	1,584,579	40.1
Georgia	49,764	48.1	74,910	42.5	16.3	1.5	18,149	39.2
Maryland	19,146	41.5	41,476	43.5	18.2	2.2	2,166	77.2
Massachusetts	316	100.9	1,833	100.9	26.8	5.8	-	-
New Jersey	6,753	71.8	5,702	69.2	13.6	0.8	14,372	75.4
New York	-	-	-	-	-	-	11,859	101.9
South Carolina	289,250	45.0	513,271	49.0	17.5	1.8	322,330	50.6
Virginia	132,390	40.2	207,551	50.2	16.1	1.6	168,549	66.3

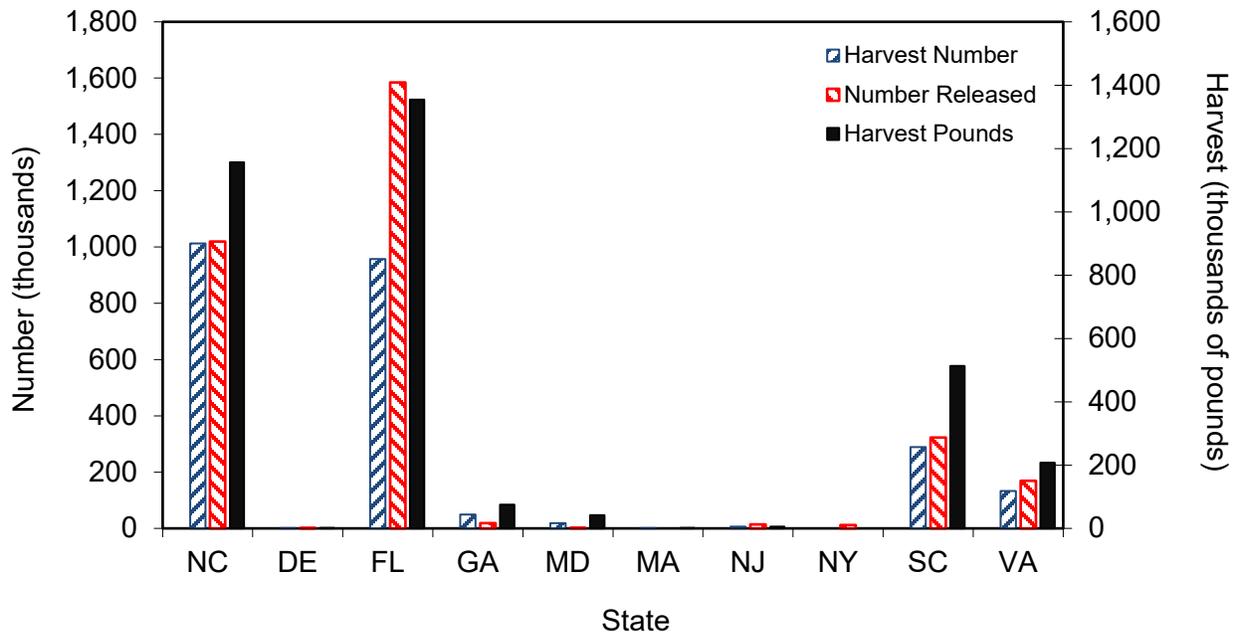


Figure III.46 Spanish Mackerel recreational catch by state, 2018.

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)
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
1999	5,736,185	21.9	2,565,546	22.5	9.1	0.4	2,343,795	15.8

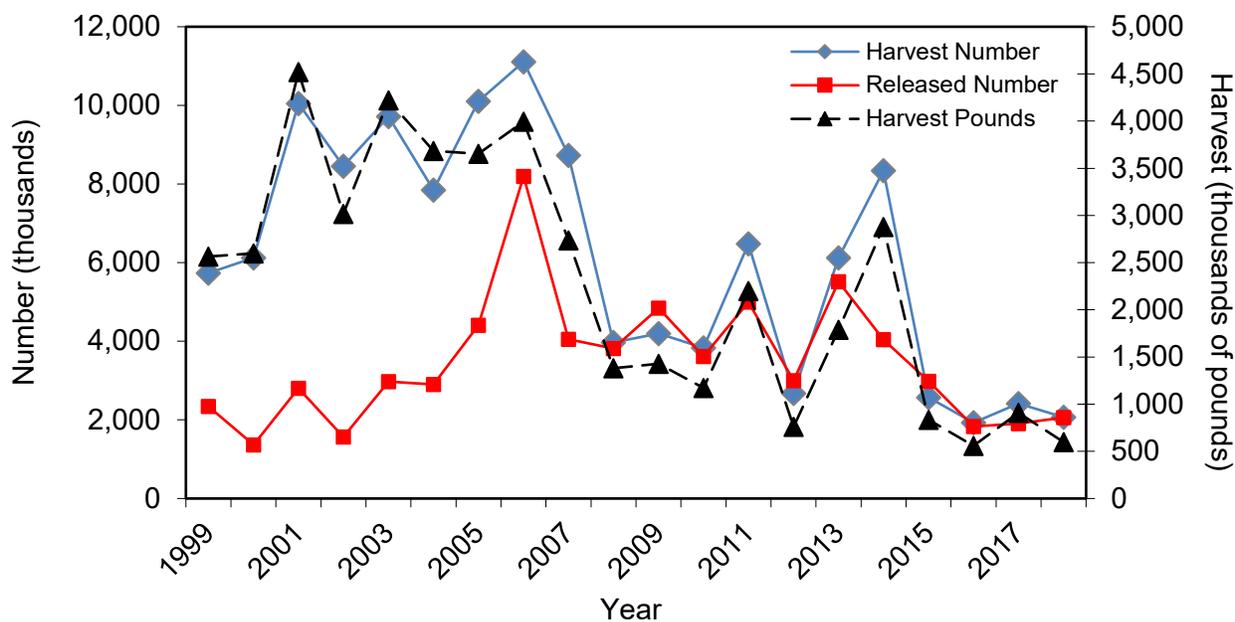


Figure III.47 Spot recreational catch in North Carolina by year.

Table III.53 Spot recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	2,068,865	24.3	597,511	24.2	8.4	0.3	2,062,163	19.4
Delaware	70,390	39.4	23,968	39.3	8.0	0.3	69,619	32.9
Florida	1,039,402	83.1	257,594	81.9	7.6	0.2	649,404	40.7
Georgia	15,553	54.5	5,481	55.7	8.4	0.4	70,598	35.7
Maryland	1,209,971	25.9	327,930	26.3	7.1	0.3	943,468	45.5
New Jersey	106,332	83.7	45,879	93.1	7.0	0.4	37,739	71.3
New York	39,083	100.3	8,054	100.3	6.4	0.2	15,467	95.7
South Carolina	895,830	32.5	272,501	32.9	7.7	0.3	315,406	17.1
Virginia	7,360,908	26.8	1,753,064	25.4	7.2	0.2	3,043,068	23.8

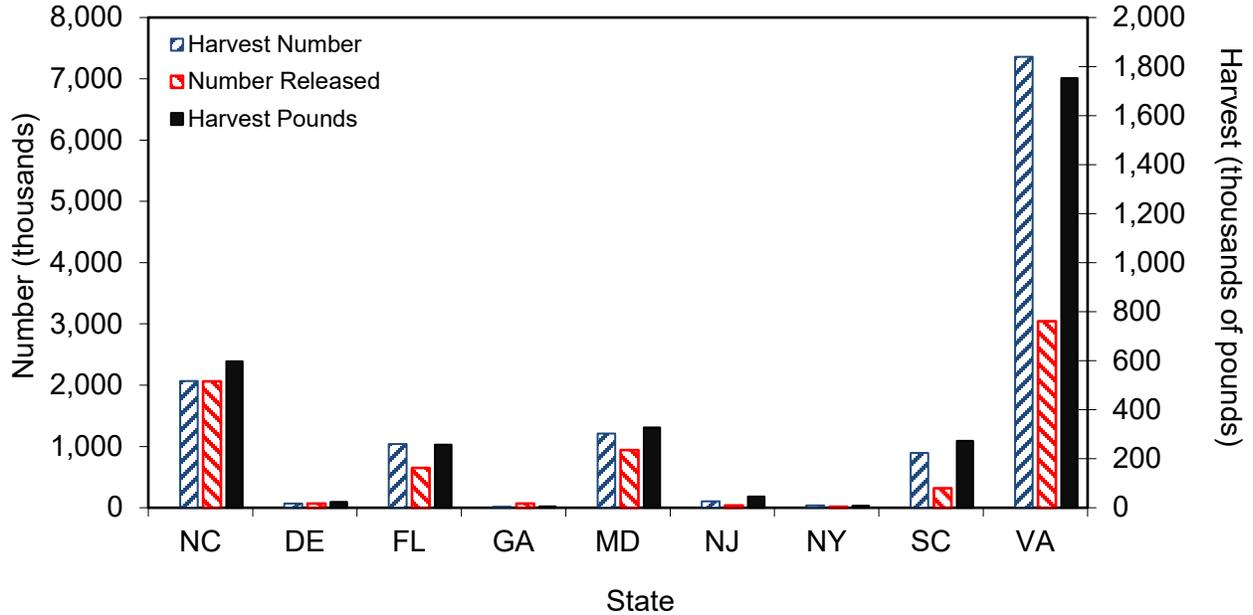


Figure III.48 Spot recreational catch by state, 2018.

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 ¹	PSE (release) ¹
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	-
1999	1,080,411	17.6	1,878,913	21.0	16.4	1.7	1,168,909	-

¹ 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.

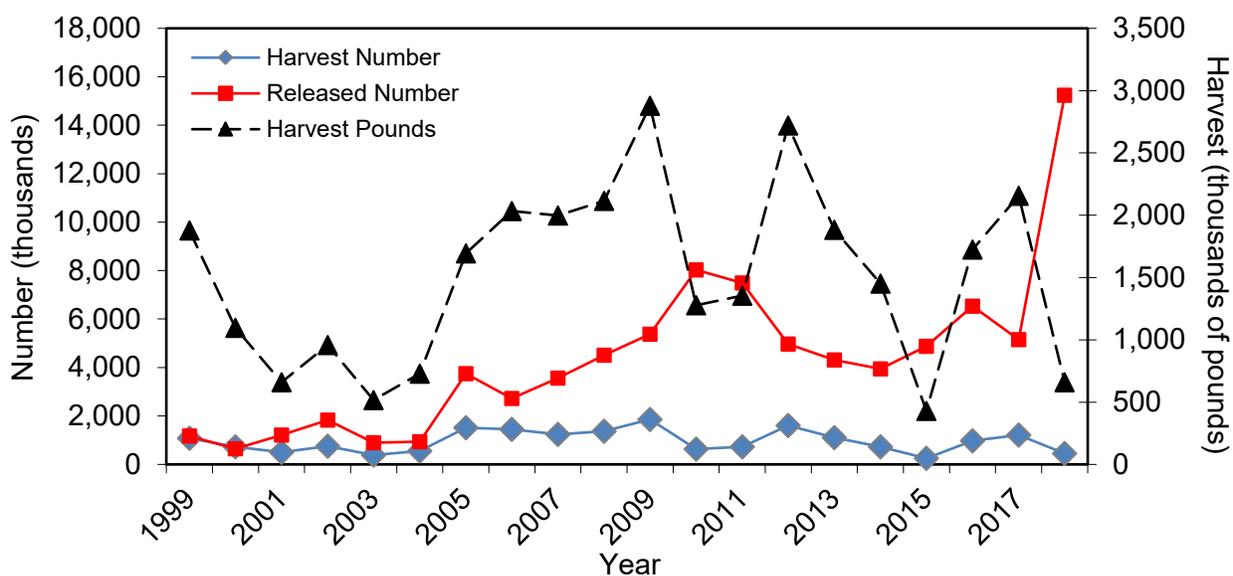


Figure III.49 Spotted Seatrout recreational catch in North Carolina by year.

Table III.55 Spotted Seatrout recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number ¹	PSE (release) ¹
North Carolina	449,473	18.6	658,555	18.4	15.7	1.5	-	-
Florida	929,155	19.0	1,701,275	20.4	16.8	1.6	-	-
Georgia	1,168,410	23.4	1,556,782	23.0	15.4	1.3	-	-
Maryland	-	-	-	-	-	-	-	-
New Jersey	449,473	18.6	658,555	18.4	15.7	1.5	-	-
South Carolina	-	-	-	-	-	-	-	-
Virginia	256,566	26.1	414,442	33.5	16.2	1.6	-	-

¹ Released seatrout are not always recorded to species level. Numbers released are not shown by state.

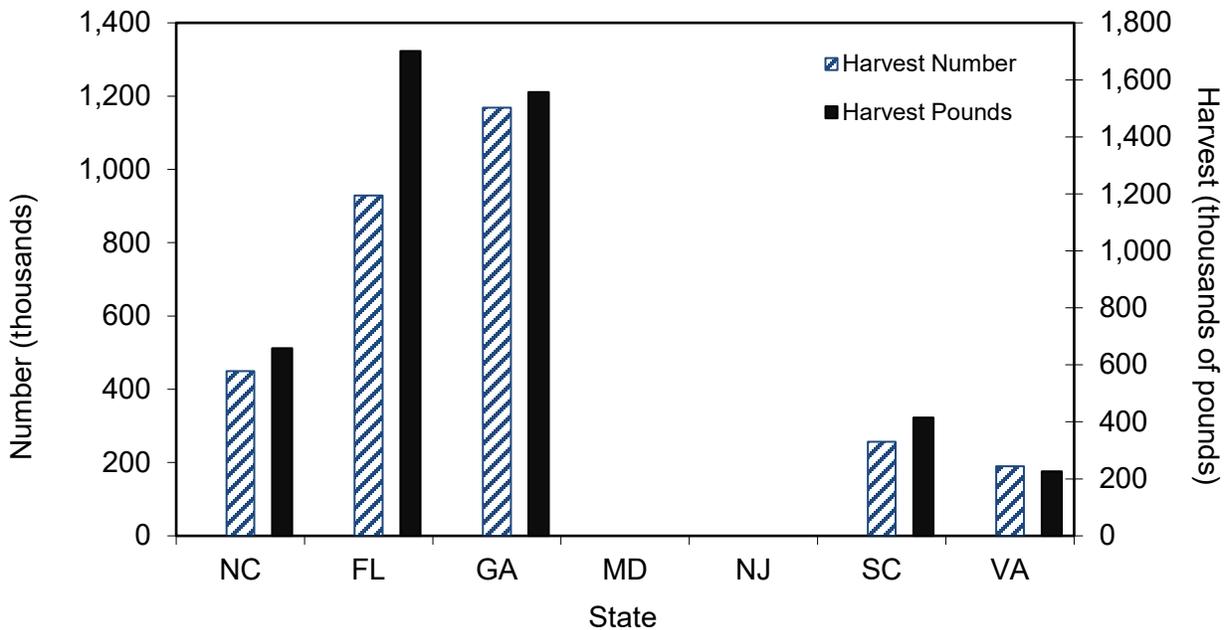


Figure III.50 Spotted Seatrout recreational catch by state, 2018.

Table III.56 Striped Bass¹ 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)
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
1999	49,221	25.1	610,480	25.3	31.1	12.9	276,663	21.5

¹ Includes Striped Bass harvested from the Atlantic Ocean during Waves 1 and 6 only.

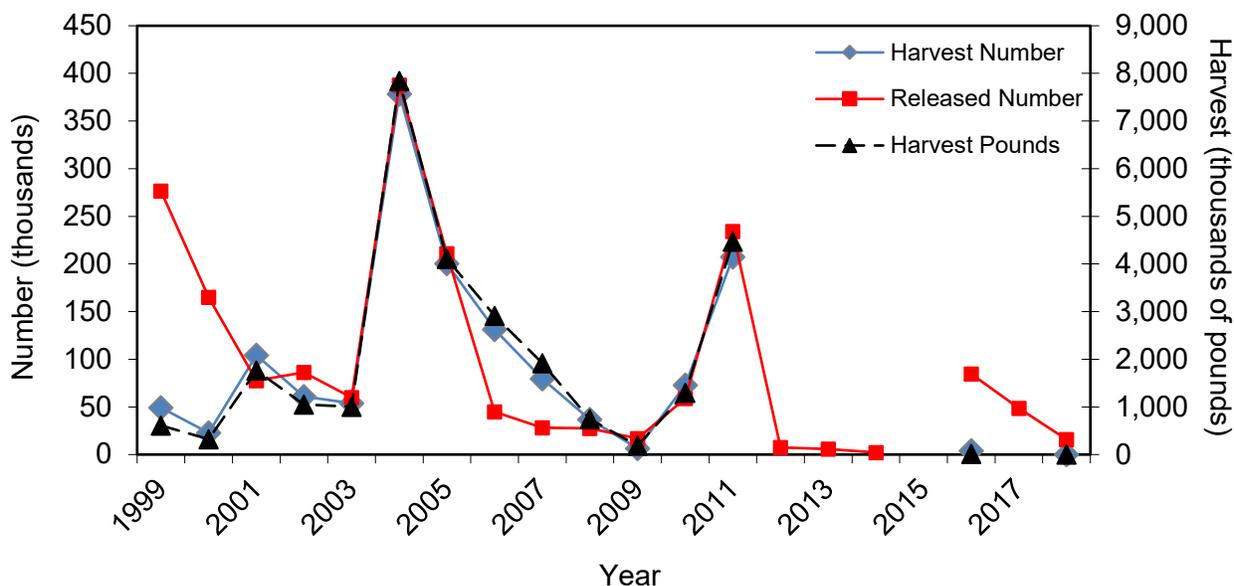


Figure III.51 Striped Bass recreational catch in North Carolina from the Atlantic Ocean by year.

Table III.57 Striped Bass¹ recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	25	99.1	366	99.1	-	-	15,850	47.6
Connecticut	3,403	39.9	94,694	42.7	-	-	132,915	36.2
Delaware	-	-	-	-	-	-	13,664	41.3
Maine	7,963	50.2	97,423	51.0	-	-	1,051,728	27.8
Maryland	-	-	-	-	-	-	16,362	53.4
Massachusetts	111,275	16.5	1,336,066	17.5	-	-	1,454,386	22.6
New Hampshire	6,733	37.2	71,820	35.4	-	-	133,394	26.1
New Jersey	163,404	26.6	3,047,946	24.2	34.1	18.5	1,394,489	30.1
New York	132,686	27.6	2,762,767	27.4	30.5	13.3	1,157,304	32.1
Rhode Island	16,530	35.3	405,705	34.5	-	-	1,700,454	67.1
Virginia	-	-	-	-	-	-	19,106	73.7

¹ Includes Striped Bass harvested from the Atlantic Ocean during Waves 1 and 6 only.

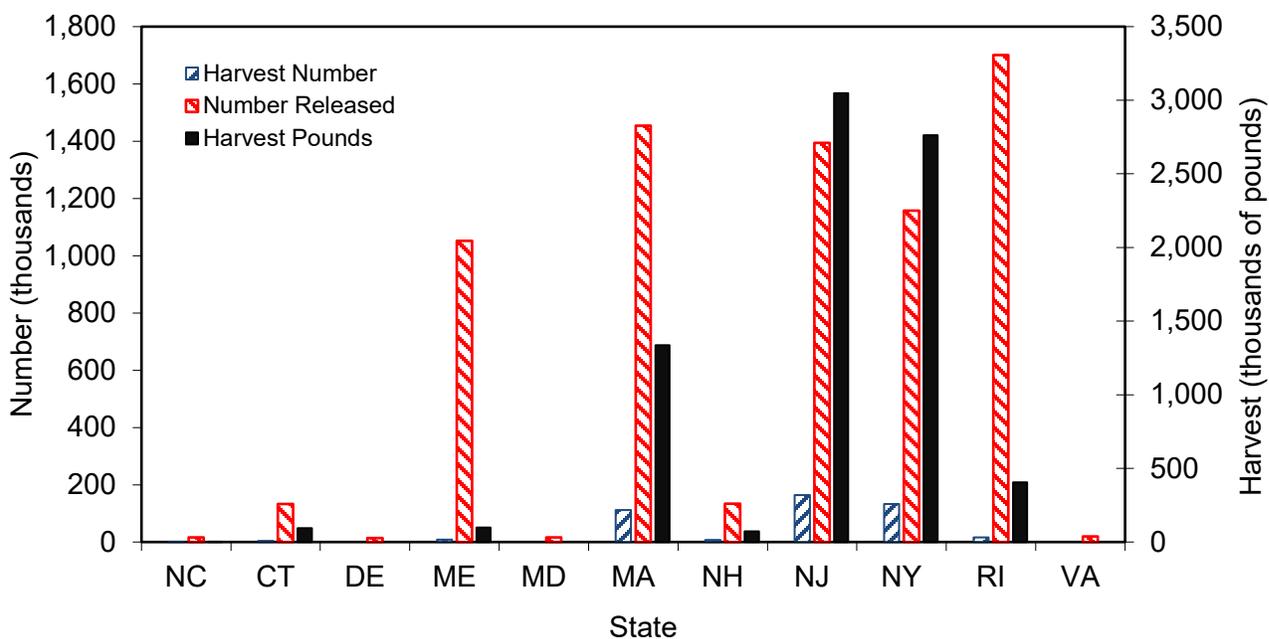


Figure III.52 Striped Bass recreational catch from the Atlantic Ocean by state, 2018.

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 ¹	PSE (release) ¹
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	-
1999	357,645	15.0	466,028	16.0	15.1	1.3	1,097,385	-

¹ 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.

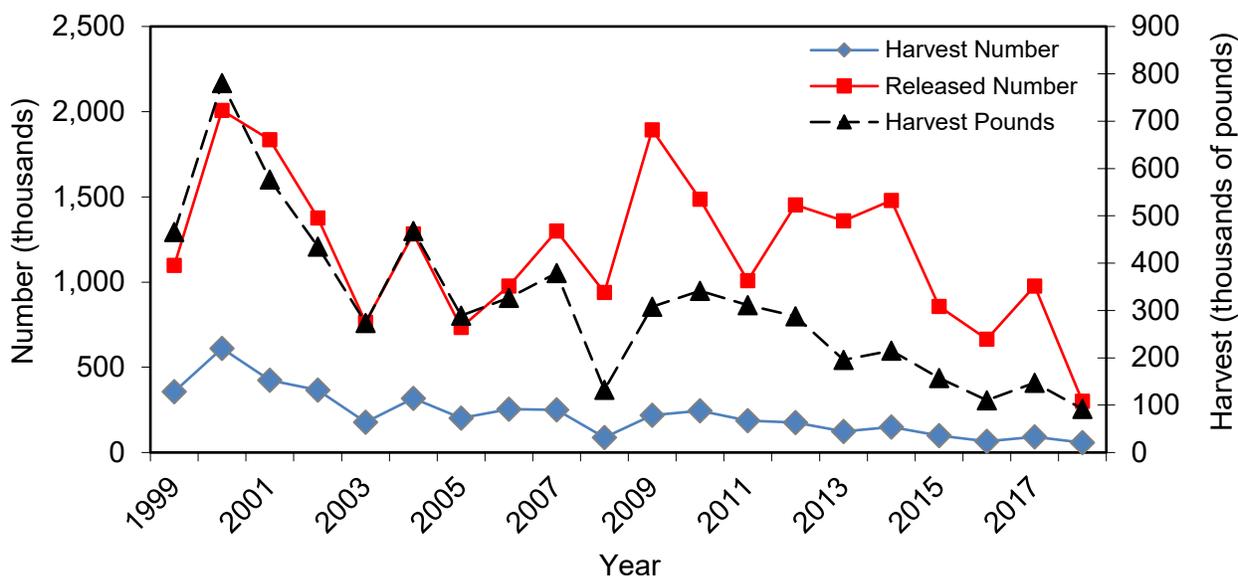


Figure III.53 Summer Flounder recreational catch in North Carolina by year.

Table III.59 Summer Flounder recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number ¹	PSE (release) ¹
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	-	-

¹ Released flounder are not always recorded to species level. Numbers released are not shown by state.

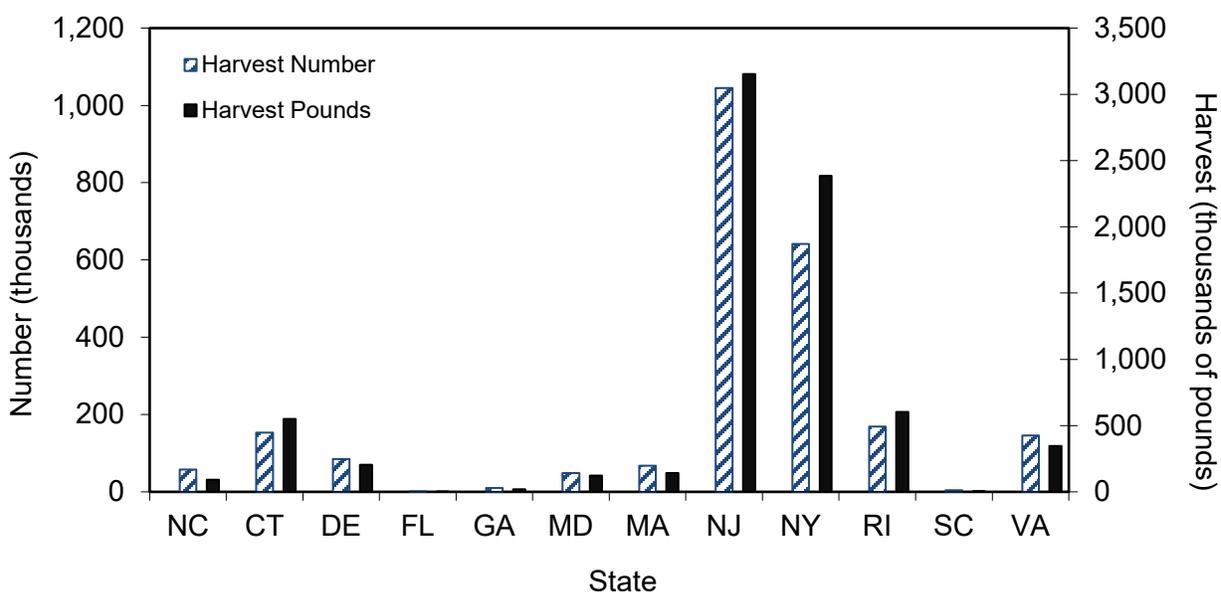


Figure III.54 Summer Flounder recreational catch by state, 2018.

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)
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
1999	17,341	20.6	387,342	19.9	44.7	22.3	-	-

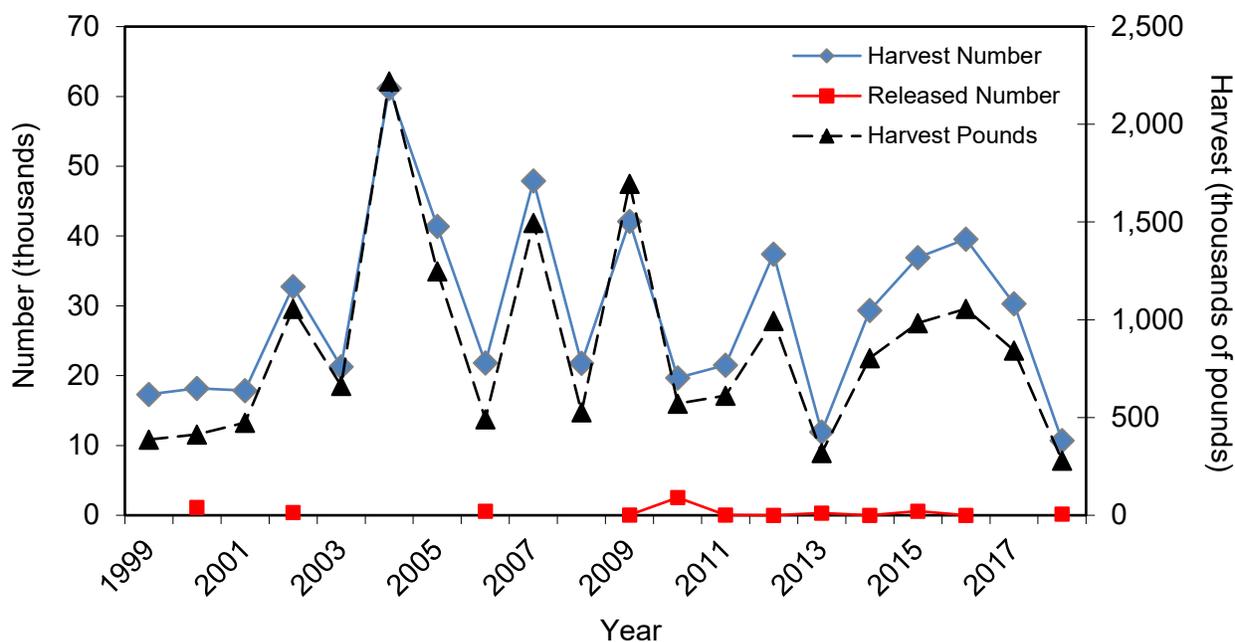


Figure III.55 Wahoo recreational catch in North Carolina by year.

Table III.61 Wahoo recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	10,690	26.3	280,644	25.3	47.7	26.3	182	94.2
Florida	11,649	41.7	299,525	54.4	45.6	24.9	-	-
New Jersey	1,012	101.8	42,539	101.8	58.2	42.1	-	-
South Carolina	8,697	51.3	275,187	58.1	51.8	31.6	-	-
Virginia	40	70.1	1,692	75.1	56.3	41.8	-	-

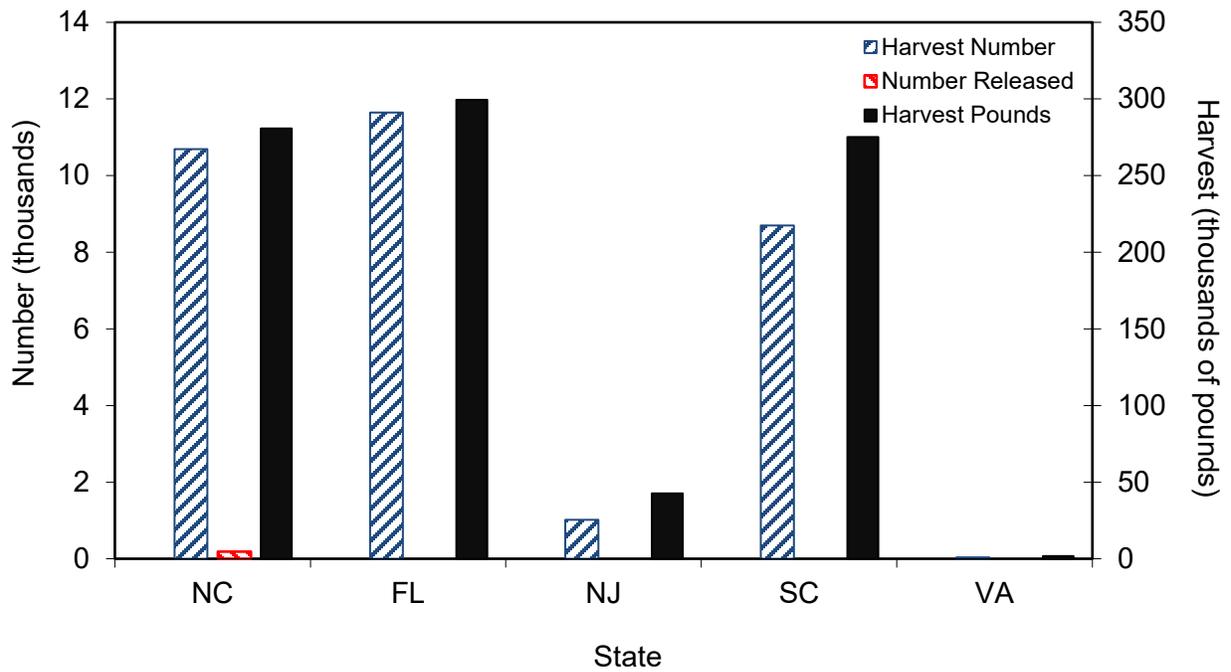


Figure III.56 Wahoo recreational catch by state, 2018.

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 ¹	PSE (release) ¹
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	-
1999	313,427	15.6	420,706	17.7	15.4	1.3	687,884	-

¹ 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.

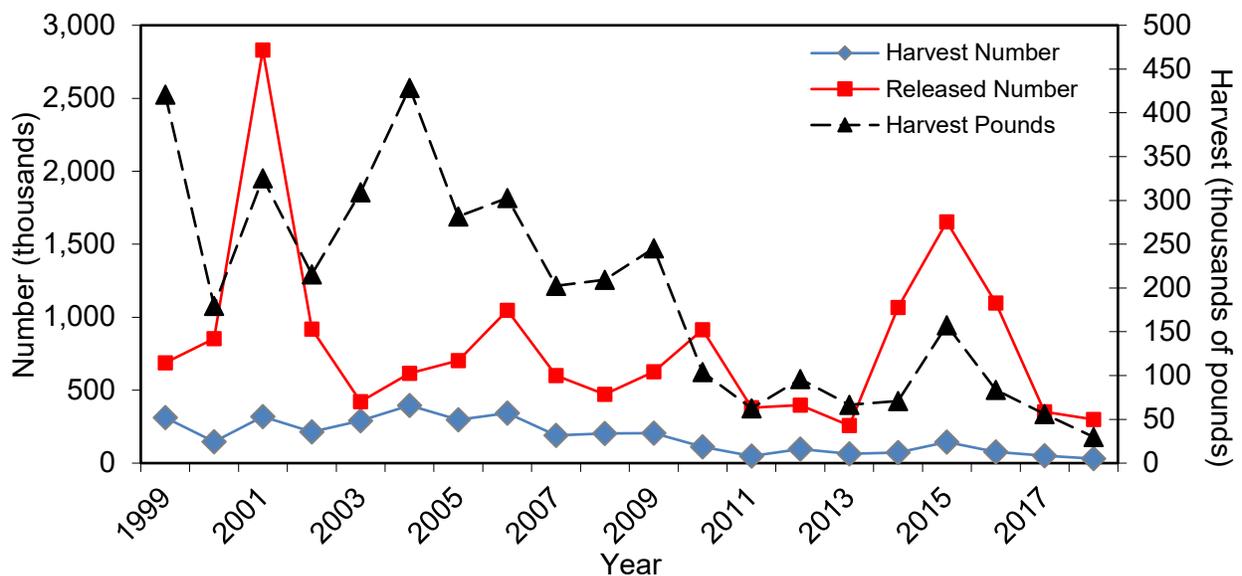


Figure III.57 Weakfish recreational catch in North Carolina by year.

Table III.63 Weakfish recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number ¹	PSE (release) ¹
North Carolina	30,935	39.5	29,924	40.5	13.4	1.0	-	-
Connecticut	466	84.3	1,404	91.7	21.1	3.0	-	-
Delaware	1,782	61.7	4,199	72.2	18.7	2.4	-	-
Florida	42,542	74.1	63,897	71.7	15.6	1.5	-	-
Georgia	13,830	46.1	17,856	45.9	15.1	1.3	-	-
Maryland	-	-	-	-	-	-	-	-
Massachusetts	393	100.3	756	100.3	17.8	1.9	-	-
New Jersey	16,177	52.5	24,407	50.4	15.3	1.5	-	-
New York	9,086	49.2	19,593	50.2	17.1	2.2	-	-
Rhode Island	-	-	-	-	-	-	-	-
South Carolina	12,234	40.1	23,591	54.9	16.4	1.9	-	-
Virginia	5,556	49.7	6,788	58.1	15.0	1.2	-	-

¹ Released seatrout are not always recorded to species level. Numbers released are not shown by state.

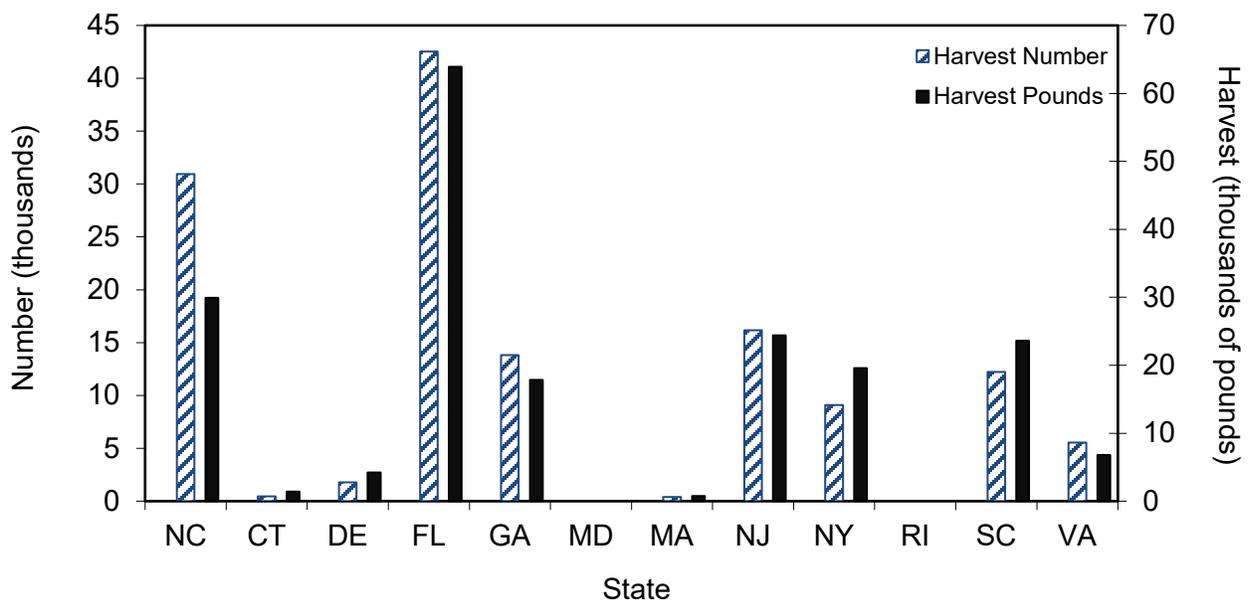


Figure III.58 Weakfish recreational catch by state, 2018.

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)
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
1999	24,205	46.4	31,252	47.3	12.4	1.3	-	-

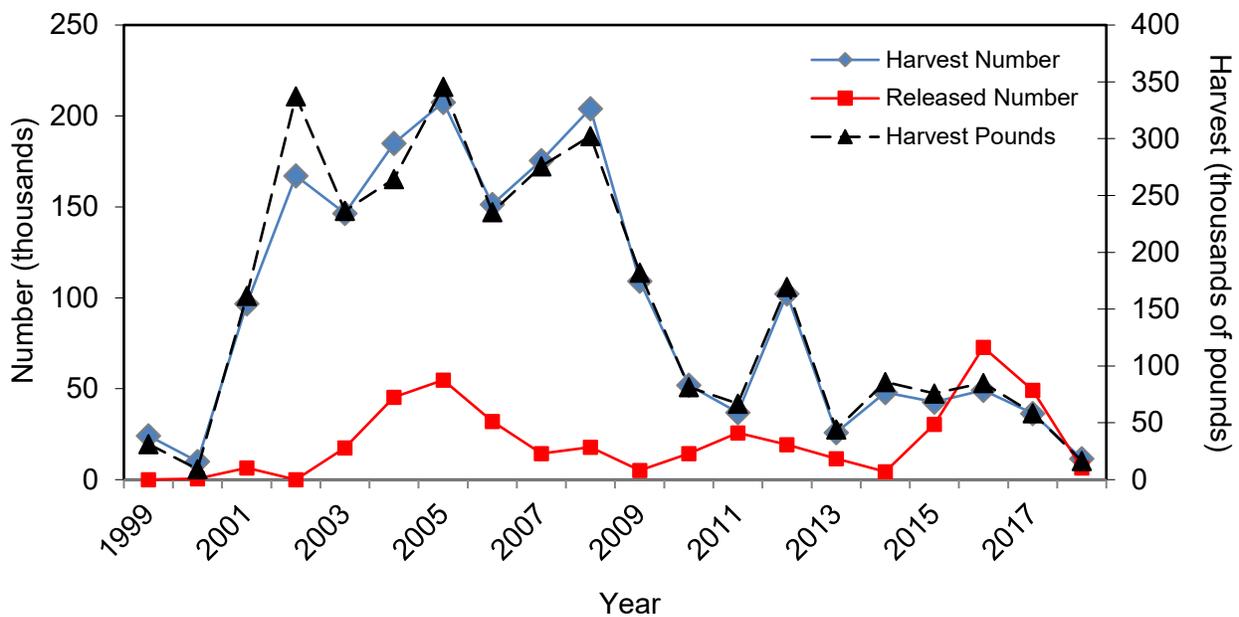


Figure III.59 White Grunt recreational catch in North Carolina by year.

Table III.65 White Grunt recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	11,486	33.2	16,551	34.0	12.0	1.4	6,551	38.9
Florida	652,820	23.5	373,675	26.6	10.1	0.8	328,971	24.4
Georgia	1,569	84.8	1,400	58.0	9.8	0.9	51	96.9
South Carolina	6,065	34.0	9,652	35.6	12.1	1.6	15,952	76.2

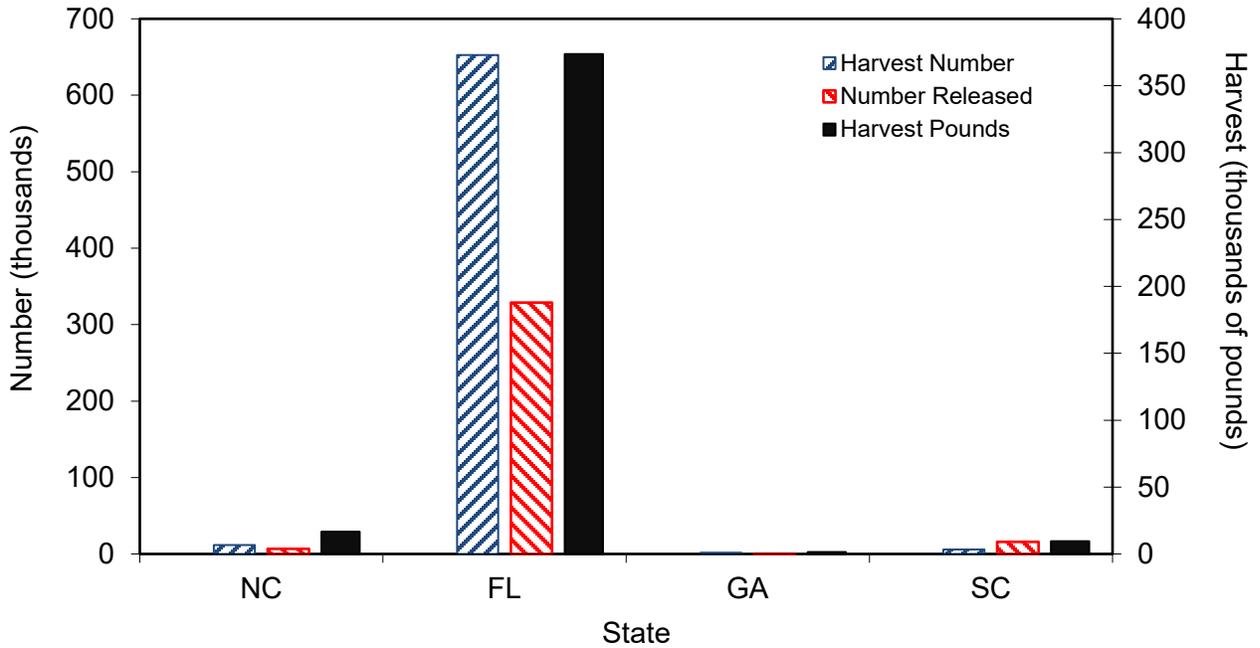


Figure III.60 White Grunt recreational catch by state, 2018.

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)
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
1999	185,370	15.7	4,482,257	15.9	32.8	24.2	10,609	42.7

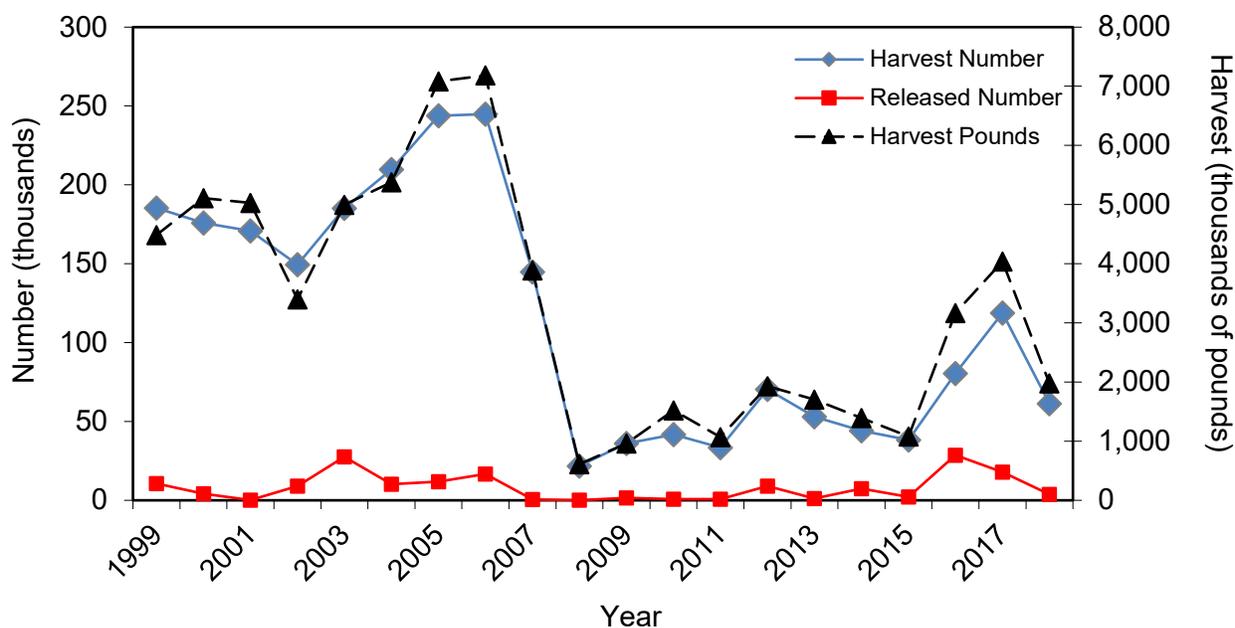


Figure III.61 Yellowfin Tuna recreational catch in North Carolina by year.

Table III.67 Yellowfin Tuna recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches)	Mean Weight (lb)	Released Number	PSE (release)
North Carolina	61,171	31.3	1,977,741	27.1	36.2	32.3	3,739	46.0
Connecticut	543	74.9	16,754	74.9	32.3	30.9	-	-
Delaware	1,338	82.3	34,901	85.0	33.5	26.1	8	82.3
Maryland	873	83.0	23,535	83.0	34.4	27.0	156	83.0
Massachusetts	4,378	99.4	135,127	99.4	32.3	30.9	-	-
New Jersey	147,096	46.1	3,546,123	41.7	33.0	24.1	77,934	47.4
New York	748	100.7	22,204	100.7	36.2	29.7	817	103.2
Virginia	2,818	85.8	54,191	75.8	30.2	19.2	-	-

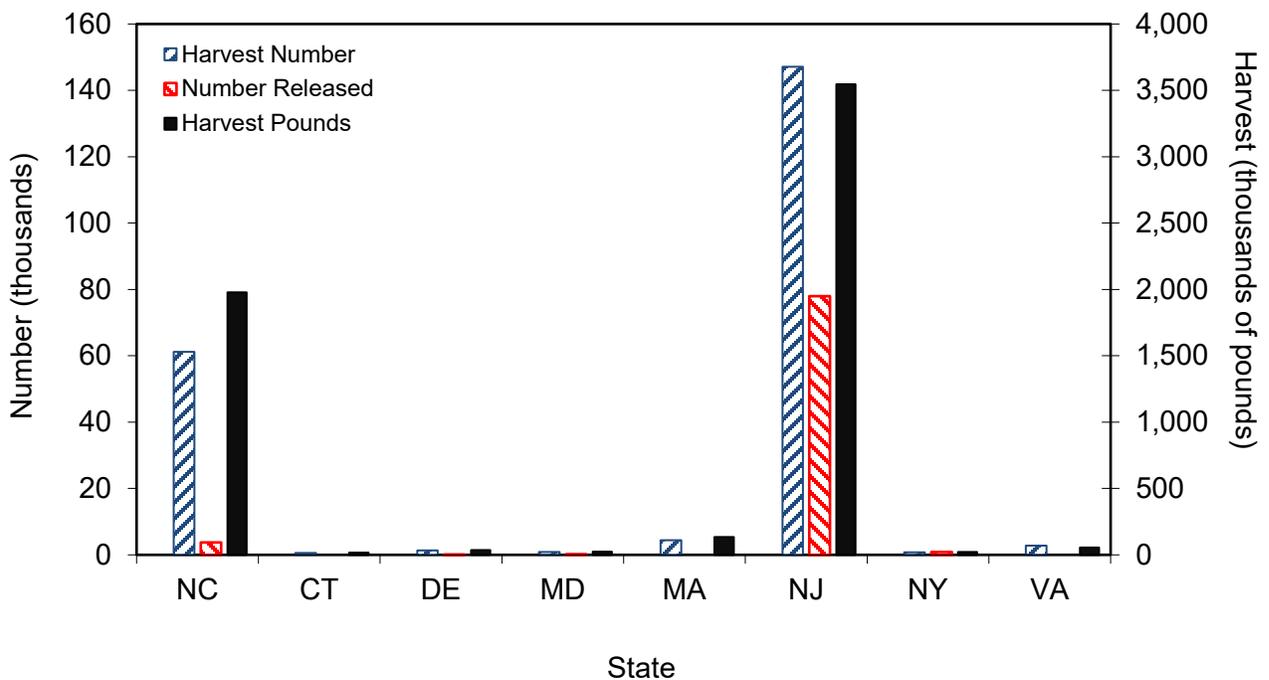


Figure III.62 Yellowfin Tuna recreational catch by state, 2018.

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) ¹	Mean Weight (lb) ¹	Released Number	PSE (release)
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	-	-	-	-
1999	2,495	54.2	95,377	83.2	-	-	965	98.3

¹ Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

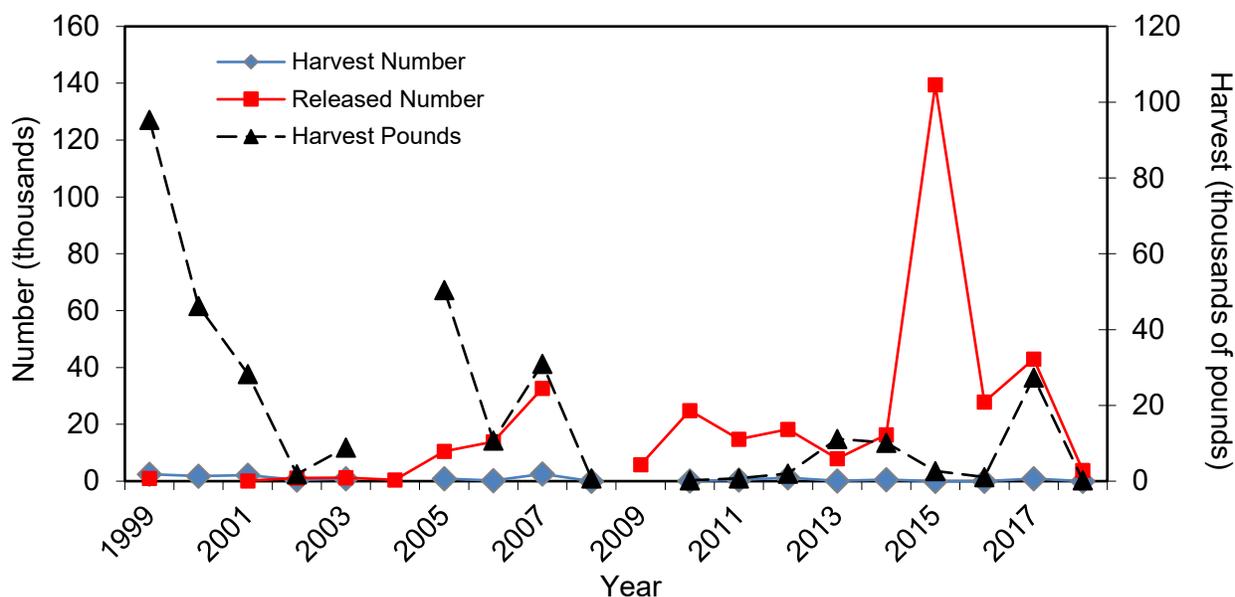


Figure III.63 Large coastal shark recreational catch in North Carolina by year.

Table III.69 Large coastal shark recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) ¹	Mean Weight (lb) ¹	Released Number	PSE (release)
North Carolina	7	95.8	235	95.8	-	-	3,845	70.4
Delaware	-	-	-	-	-	-	27,160	42.0
Florida	138	107.0	1,343	107.0	-	-	403,594	29.1
Georgia	117	65.7	8,361	65.7	-	-	144,215	29.2
Maryland	-	-	-	-	-	-	17,540	53.0
New Jersey	-	-	-	-	-	-	74,948	36.1
Rhode Island	-	-	-	-	-	-	9	103.4
South Carolina	290	64.3	19,137	64.3	-	-	22,791	48.3
Virginia	-	-	-	-	-	-	3,464	72.3

¹ Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

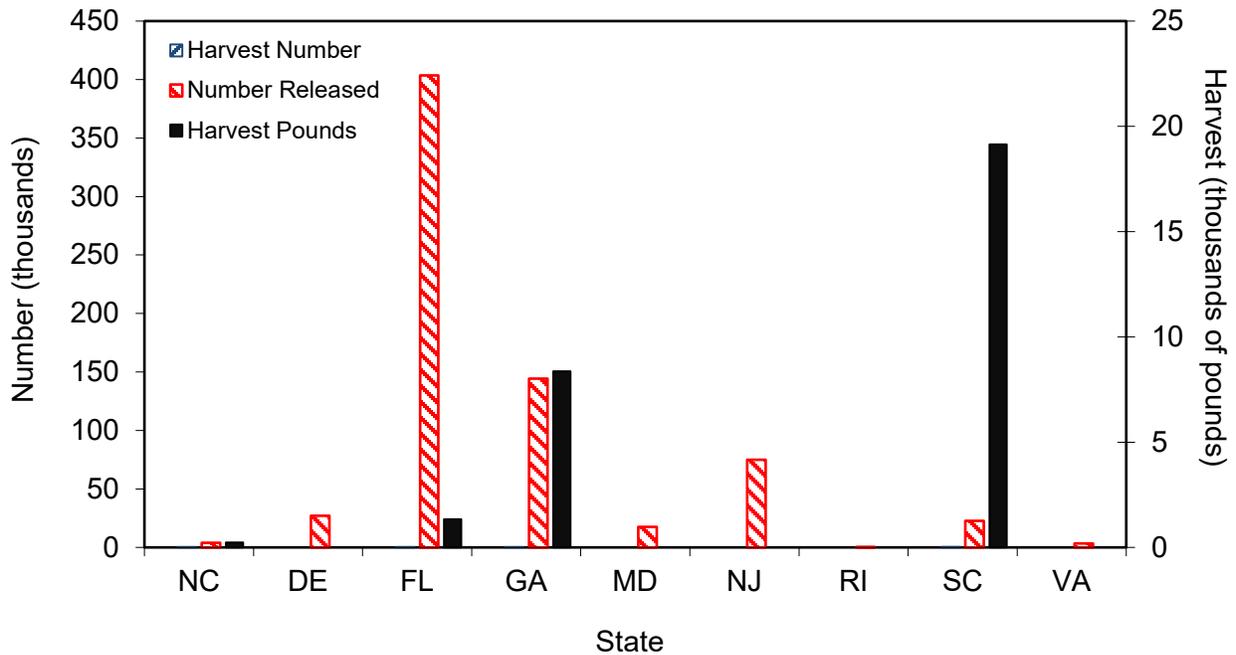


Figure III.64 Large coastal shark recreational catch by state, 2018.

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) ¹	Mean Weight (lb) ¹	Released Number	PSE (release)
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	-	-	-	-
1999	374	71.9	1,085	72.1	-	-	-	-

¹ Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

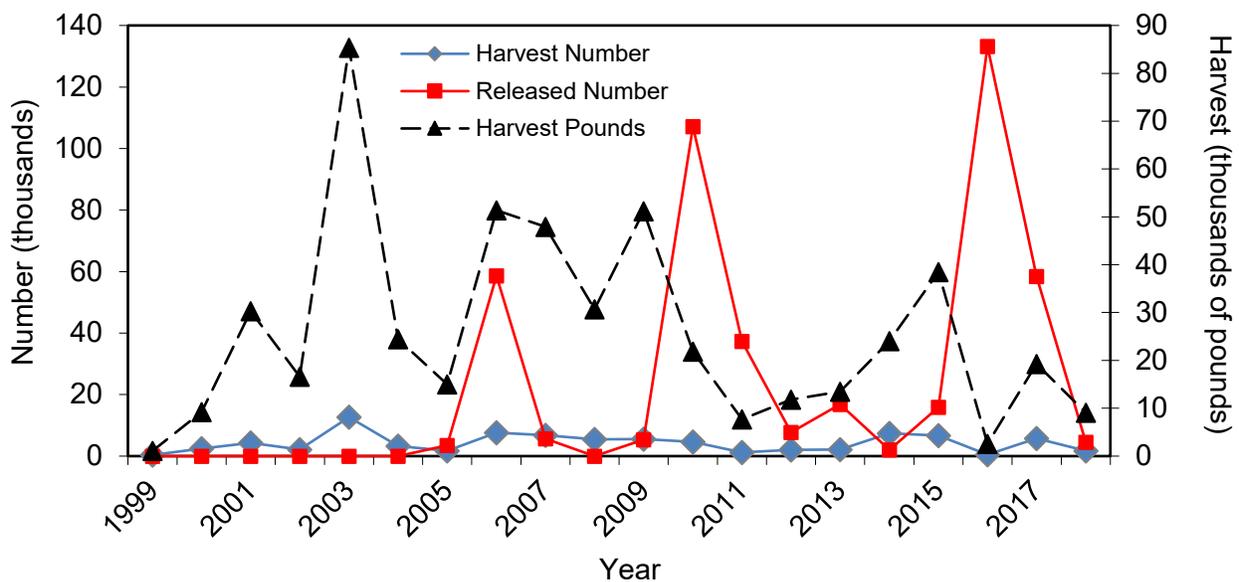


Figure III.65 Small coastal shark recreational catch in North Carolina by year.

Table III.71 Small coastal shark recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) ¹	Mean Weight (lb) ¹	Released Number	PSE (release)
North Carolina	1,678	38.9	9,097	40.9	-	-	4,496	39.5
Florida	17,792	39.6	194,075	50.5	-	-	587,015	34.3
Georgia	2,867	55.7	26,280	53.3	-	-	654,616	21.6
Maryland	74	15.6	653	15.6	-	-	537	36.6
New Jersey	-	-	-	-	-	-	355	102.6
South Carolina	31,245	48.8	231,520	57.4	-	-	146,445	41.1
Virginia	760	98.3	5,192	98.3	-	-	4,507	46.7

¹ Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

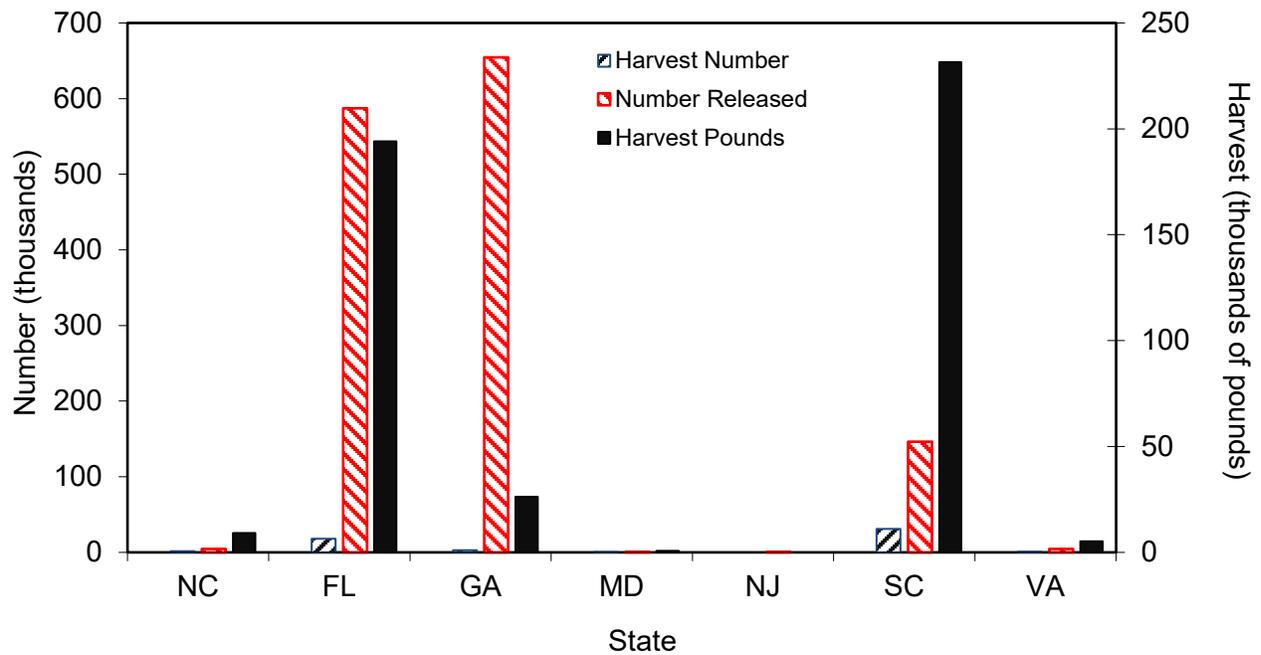


Figure III.66 Small coastal shark recreational catch by state, 2018.

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

Year	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) ¹	Mean Weight (lb) ¹	Released Number	PSE (release)
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	-	-	-	-
1999	41	100.9	1,607	100.9	-	-	-	-

¹ Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

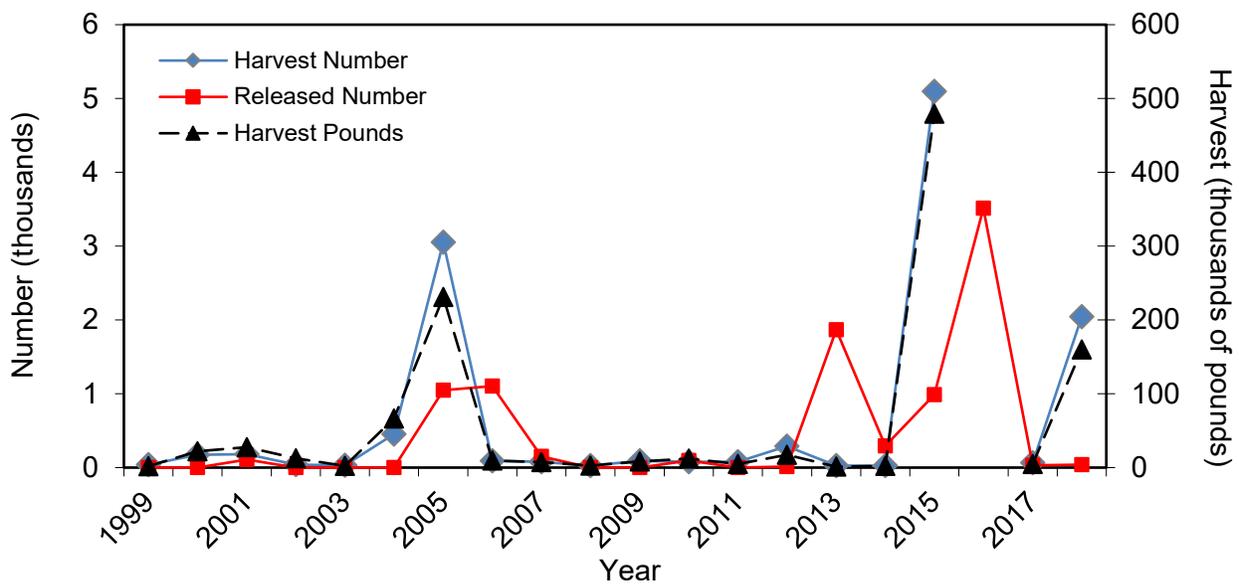


Figure III.67 Pelagic shark recreational catch in North Carolina by year.

Table III.73 Pelagic shark recreational catch by state, 2018.

State	Harvest Number	PSE (num)	Harvest Pounds	PSE (lb)	Mean Length (inches) ¹	Mean Weight (lb) ¹	Released Number	PSE (release)
North Carolina	2,043	73.1	160,155	73.1	-	-	38	63.0
Delaware	-	-	-	-	-	-	1,369	59.1
Maine	-	-	-	-	-	-	10,423	86.7
Maryland	-	-	-	-	-	-	466	56.4
Massachusetts	3,368	94.5	-	-	-	-	13,286	37.0
New Hampshire	-	-	-	-	-	-	592	57.2
New Jersey	-	-	-	-	-	-	3,018	63.0
New York	5,119	55.0	-	-	-	-	425,900	55.3
Rhode Island	412	100.2	889	99.5	-	-	6,242	48.9
Virginia	-	-	-	-	-	-	427	107.7

¹ Multiple species of sharks are reported for this category, mean length and weight by individual species of shark are available upon request.

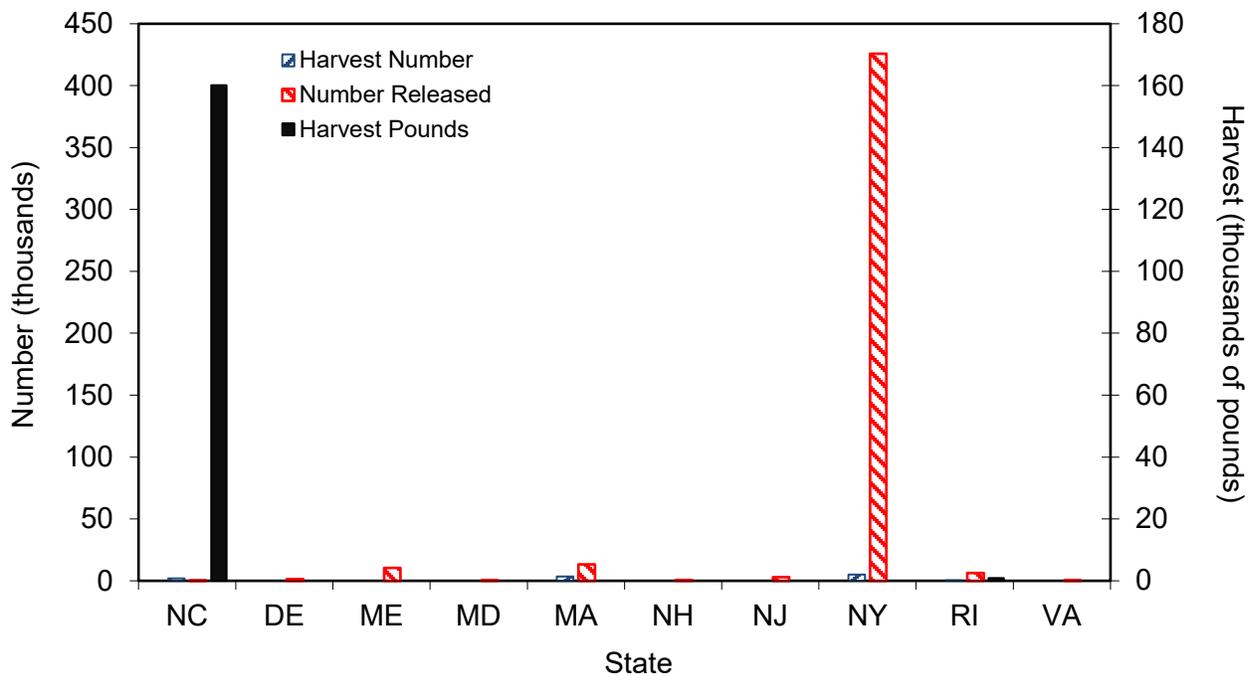


Figure III.68 Pelagic shark recreational catch by state, 2018.

Table III.74 Reported North Carolina highly migratory species landings (numbers).

Year	Blue Marlin	White Marlin	Sailfish	Swordfish	Total
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.75 Reported North Carolina recreational Atlantic Bluefin Tuna landings¹ (numbers).

Year	Manteo/ Oregon Inlet	Hatteras	Ocracoke	Morehead City	Wilmington South	Call-In	Total
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
1999	0	155	3	77	37	3	275

¹ Does not include trophy category.

Table III.76 Atlantic Coast saltwater fishing trips by state and mode, 2018.

State	Number of Trips					Total
	Shore ¹	Private & Rental	Charter	Man Made ¹	Beach/Bank ¹	
Connecticut	2,082,768	1,422,383	27,044	-	-	3,532,194
Delaware	1,439,410	700,683	6,391	-	-	2,146,485
Florida	51,887,958	32,054,220	-	-	-	83,942,178
Georgia	2,960,316	1,603,954	-	-	-	4,564,269
Maine	1,022,040	575,275	13,979	-	-	1,611,294
Maryland	3,924,478	2,692,231	27,913	-	-	6,644,621
Massachusetts	3,902,812	2,672,724	42,073	-	-	6,617,609
New Hampshire	339,047	299,096	31,995	-	-	670,138
New Jersey	7,771,697	4,432,346	95,718	-	-	12,299,761
New York	6,286,292	4,651,741	252,735	-	-	11,190,768
North Carolina	-	4,279,389	148,004	5,317,495	6,879,419	16,624,306
Rhode Island	1,536,449	974,258	21,229	-	-	2,531,936
South Carolina	7,487,069	2,279,217	-	-	-	9,766,287
Virginia	4,146,638	2,214,775	16,479	-	-	6,377,892

¹ Shore mode is separated into manmade and beach/bank in North Carolina only.

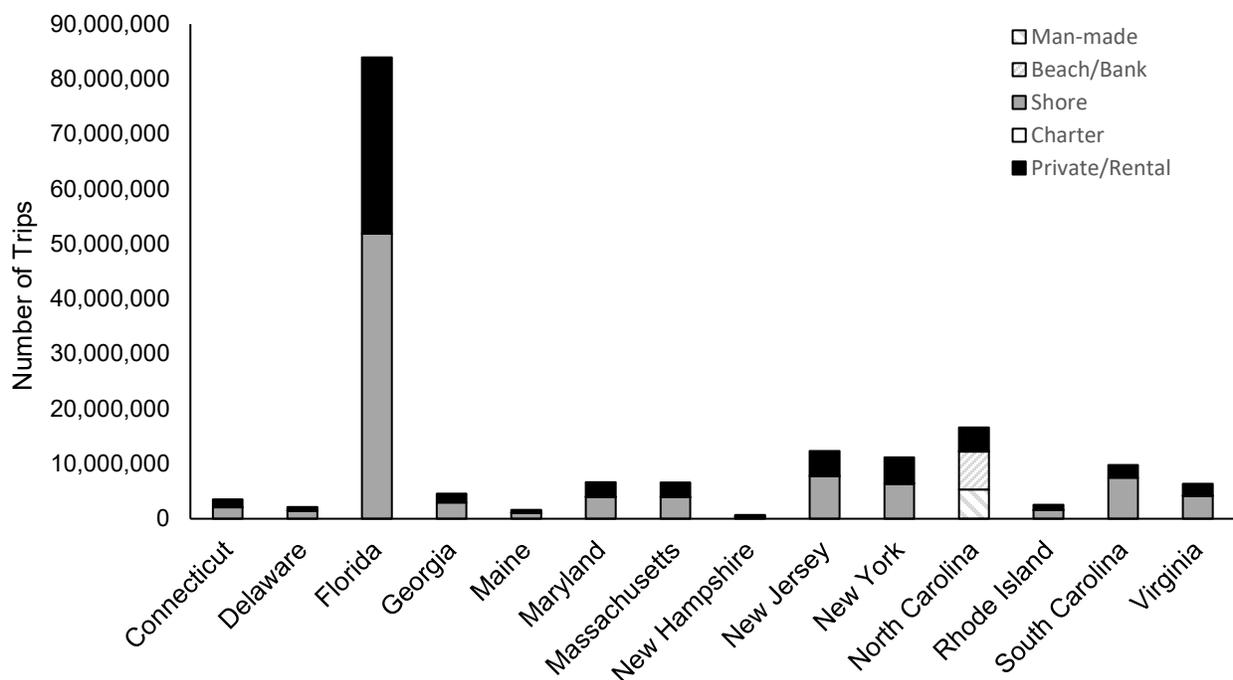


Figure III.69 Atlantic Coast saltwater fishing trips by state and mode, 2018.

Table III.77 Marine recreational fishing trips in North Carolina by mode.

Year	Number of Trips								Total
	Charter	PSE	Private & Rental	PSE	Man Made	PSE	Beach & Bank	PSE	
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
1999	200,350	11.6	3,153,794	4.3	5,113,589	4.7	4,215,059	4.3	12,682,792

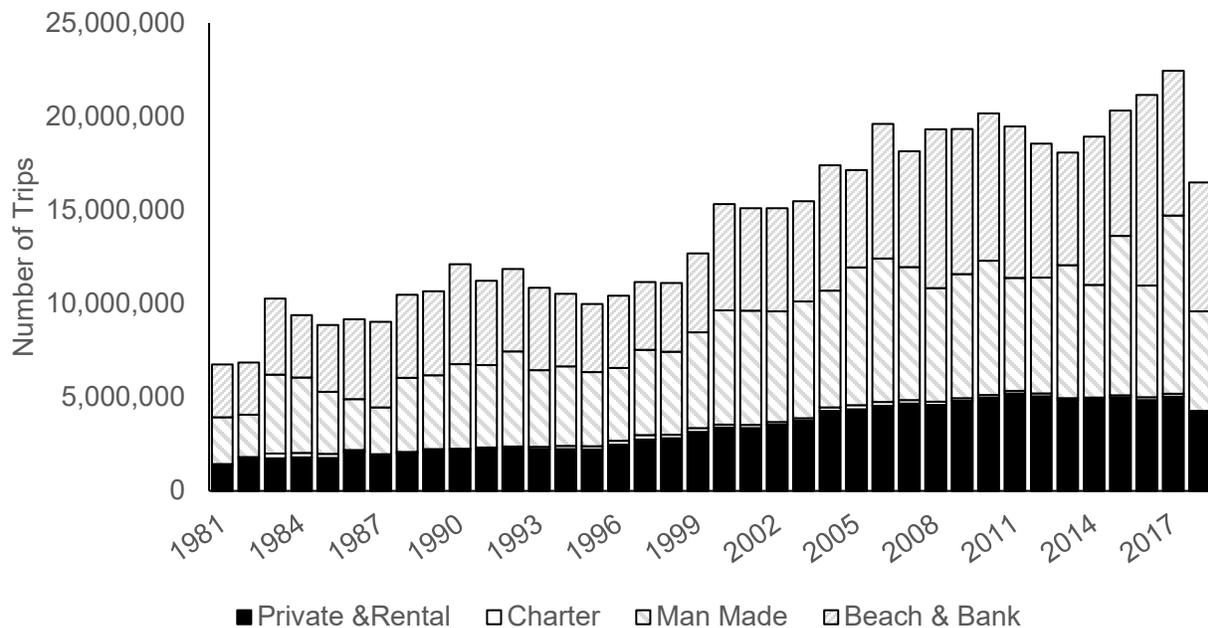


Figure III.70 Marine recreational fishing trips in North Carolina by mode.

Appendix III.1 NCDMF highly migratory species reporting stations.

Reporting Station	Location	Phone
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.

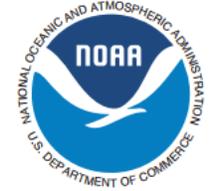
15 How many days did this person go recreational saltwater fishing from the SHORE in North Carolina?
The shore includes docks, bridges, causeways, beaches, banks, or any other shore-based place or area. Do not include freshwater fishing.
 Did not recreational saltwater fish from shore in last 12 months → **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 (January-May), while anglers in the lower zone were interviewed year-round based on the evidence of a year-round fishery and no seasonal closures. Two creel clerks were assigned to this river, with one surveying the upper zone January through May and one clerk surveying the lower zone from January through December. The three zones within the Neuse River were covered with one creel clerk per zone. The lower zone was surveyed from January to December while middle zone surveys were conducted January-May and the upper zone surveys from February-May. The Pungo River was surveyed throughout the year with one creel clerk.

Returning fishing parties were interviewed by a creel clerk at the selected access point to obtain information regarding party size, effort, total number of fish harvested and/or released, primary fishing method, and location. Harvested fish were identified, counted, measured 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, and 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 (1st 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[®] and statistical analyses were performed with SAS 9.4[®]. 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. 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 expenses on lodging, food, ice, bait, equipment rental, and boat fuel and oil. Mean weighted expenditures per trip were reported by river and day type. Lodging and rental expenses were rarely encountered; therefore, 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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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	N	Min	Max	Mean
2018	Upper Neuse River	0	0	0	0	0	0	0	0
	Middle Neuse River	14	17.9	27.1	20.7	14	2.1	8.4	3.7
	Lower Neuse River	25	17.6	27.2	19.2	25	2.1	8.8	3.0
	Upper Tar River	1	19.2	19.2	19.2	1	3.5	3.5	3.5
	Lower Tar-Upper Pamlico River	101	16.5	22.2	18.9	101	1.7	4.4	3.0
	Pungo River	14	17.6	29.3	21.0	14	2.2	11.9	3.9
	Total	155	16.5	29.3	19.3	155	1.7	11.9	3.2
2017	Upper Neuse River	0	0	0	0	0	0	0	0
	Middle Neuse River	8	19.4	29.6	24.0	8	2.8	13.8	7.1
	Lower Neuse River	70	17.6	28.0	20.5	70	2.0	10.8	3.9
	Upper Tar River	19	17.4	22.2	19.8	19	2.2	6.0	3.6
	Lower Tar-Upper Pamlico River	88	17.3	26.2	20.1	88	2.2	8.8	3.6
	Pungo River	17	18.8	26.5	20.9	17	1.5	6.4	3.2
	Total	202	17.3	29.6	20.4	202	1.5	13.8	3.8
2016	Upper Neuse River	0	0	0	0	0	0	0	0
	Middle Neuse River	2	18.9	20.3	19.6	2	2.9	3.6	3.2
	Lower Neuse River	21	18.0	28.9	20.5	21	2.2	8.8	3.7
	Upper Tar River	16	17.5	33.0	21.4	16	2.3	9.5	3.8
	Lower Tar-Upper Pamlico River	81	17.6	27.5	19.7	81	2.2	7.9	3.6
	Pungo River	24	18.3	26.9	20.8	24	2.4	6.0	3.4
	Total	144	17.5	33.0	20.2	144	2.2	9.5	3.6
2015	Upper Neuse River	2	16.3	19.9	18.1	2	1.7	3.1	2.4
	Middle Neuse River	2	26.3	26.9	26.6	2	3.0	9.3	6.1
	Lower Neuse River	25	17.6	26.1	20.0	25	2.1	7.5	3.5
	Upper Tar River	3	19.6	21.6	20.4	3	3.7	4.9	4.2
	Lower Tar-Upper Pamlico River	41	17.7	24.3	20.4	41	1.8	15.4	3.8
	Pungo River	33	18.1	27.0	21.3	33	2.0	7.1	3.3
	Total	106	16.3	27.0	21.1	106	1.7	15.4	3.9
2014	Upper Neuse River	2	20.6	20.6	20.6	2	3.9	3.9	3.9
	Middle Neuse River	0	0	0	0	0	0	0	0
	Lower Neuse River	32	17.9	30.2	21.4	32	2.3	14.3	4.8
	Upper Tar	0	0	0	0	0	0	0	0
	Lower Tar-Upper Pamlico River	64	18.5	27.4	19.9	64	2.8	9.5	3.7
	Pungo River	17	19.8	20.0	19.9	17	2.4	4.9	3.5
	Total	115	17.9	30.2	20.5	115	2.3	14.3	3.9

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	N	Min	Max	Mean
2013	Upper Neuse River	1	24.8	24.8	24.8	1	7.7	7.7	7.7
	Middle Neuse River ¹	-	-	-	-	-	-	-	-
	Lower Neuse River	51	17.6	27.9	19.6	51	2.1	11.5	3.8
	Upper Tar River	7	18.3	20.4	19.3	7	3.3	4.6	4.0
	Lower Tar/ Upper Pamlico River	53	17.0	25.9	19.0	53	2.4	8.8	3.5
	Pungo River	57	18.1	27.3	20.1	57	0.9	9.9	3.4
	Total	169	17.0	27.9	19.5	169	0.9	11.5	3.7
2012	Upper Neuse River	5	19.1	27.3	22.8	5	2.6	9.0	5.2
	Middle Neuse River	3	18.8	24.5	21.0	3	2.9	5.5	3.9
	Lower Neuse River	51	17.5	28.0	20.7	51	2.4	9.9	3.9
	Upper Tar River	6	18.5	21.4	20.3	6	2.9	4.4	3.6
	Lower Tar/ Upper Pamlico River	67	18.3	27.8	20.5	67	2.6	9.0	4.0
	Pungo River	21	19.3	27.2	21.0	21	2.4	7.1	3.5
	Total	153	17.5	28.0	20.6	153	2.4	9.9	3.8
2011	Upper Neuse River	1	23.3	23.3	23.3	1	4.6	4.6	4.6
	Lower Neuse River	54	17.6	27.4	20.0	54	2.1	7.5	3.4
	Lower Tar/ Upper Pamlico River	53	17.6	28.2	20.4	53	2.4	9.7	4.0
	Pungo River	32	18.1	25.6	21.3	32	2.4	6.8	3.7
	Total	140	17.6	28.2	21.3	140	2.1	9.7	3.9
2010	Lower Neuse River	4	18.4	21.5	19.6	4	2.7	3.5	3.0
	Lower Tar/ Upper Pamlico River	48	18.1	23.7	20.3	48	2.7	6.2	4.0
	Pungo River	22	17.8	26.3	21.0	22	2.2	7.1	3.8
	Total	74	17.8	26.3	20.5	74	2.2	7.1	3.8
2009	Lower Neuse River	6	18.5	23.5	21.7	6	2.2	4.6	3.5
	Lower Tar/ Upper Pamlico River	44	17.2	21.7	19.9	44	2.2	4.9	3.4
	Pungo River	45	18.5	24.0	20.9	45	2.2	6.0	3.4
	Total	95	17.2	24.0	20.8	95	2.2	6.0	3.5
2008	Lower Neuse River	11	19.7	26.2	21.2	11	2.4	5.7	3.9
	Lower Tar/ Upper Pamlico River	12	18.5	23.8	20.3	12	2.4	5.3	3.7
	Pungo River	27	18.3	24.0	20.5	27	2.0	5.7	3.2
	Total	50	18.3	26.2	20.7	50	2.0	5.7	3.5
2007	Lower Neuse River	65	18.8	28.0	21.3	65	2.0	7.5	3.1
	Lower Tar/ Upper Pamlico River	17	18.3	30.2	22.2	17	2.2	11.9	4.8
	Pungo River	47	16.8	25.0	20.9	47	1.5	5.7	3.3
	Total	129	16.8	30.2	21.3	129	1.5	11.9	3.7
CSMA Total		1,377	16.3	33.0	20.6	1,377	0.9	15.4	3.7

¹Middle Neuse not sampled in 2013

Table IV.2 Measures of central tendency for lengths and weights of American and Hickory Shad (observed), 2018.

Species	River	Length (inches)				Weight (pounds)			
		N	Min	Max	Mean	N	Min	Max	Mean
American Shad	Upper Neuse River	3	16.5	18.0	17.3	3	2.9	4.0	3.2
	Middle Neuse River	4	13.6	18.9	16.1	4	1.3	3.7	2.5
	Upper Tar River	13	16.9	20.5	18.3	13	1.5	3.5	2.3
	Cape Fear River	210	12.8	19.4	16.4	206	0.4	4.0	2.3
	Total	230	12.8	20.5	16.5	226	0.4	4.0	2.4
Hickory Shad	Upper Neuse River	4	13.0	13.6	13.2	4	1.1	1.3	1.2
	Middle Neuse River	179	10.3	16.7	13.4	179	0.6	2.5	1.3
	Lower Neuse River	22	10.6	16.0	13.2	22	0.6	2.2	1.3
	Upper Tar River	17	11.8	17.3	15.0	17	0.7	2.6	1.3
	Lower Tar-Pamlico River	5	13.9	17.8	16.1	5	1.0	2.2	1.5
	Cape Fear River	2	13.9	15.4	14.7	2	1.4	2.0	1.7
	Total	229	10.3	17.8	13.5	229	0.6	2.6	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		
2018	American Eel	1	28	0	0	0	0	29	0.15
	American Shad	289	383	86	0	0	0	758	3.86
	Atlantic Croaker	2	63	0	0	0	0	65	0.33
	Atlantic Stingray	0	2	0	0	0	0	2	0.01
	Black Crappie	603	214	20	309	0	0	1,146	5.84
	Black Drum	31	1	0	4	0	0	36	0.18
	Blueback Herring	2	0	0	0	0	0	2	0.01
	Blue Catfish	72	67	0	0	0	0	139	0.71
	Bluefish	10	141	0	0	0	0	151	0.77
	Bluegill	559	569	0	0	0	0	1,128	5.74
	Bowfin	23	289	0	0	0	0	312	1.59
	Brown Bullhead Catfish	4	0	0	0	0	0	4	0.02
	Chain Pickerel	1	85	0	0	0	0	86	0.44
	Channel Catfish	71	76	0	0	0	0	147	0.75
	Clearnose Skate	0	1	0	0	0	0	1	0.01
	Common Carp	1	4	0	0	0	0	5	0.03
	Cownose Ray	0	13	0	0	0	0	13	0.07
	Flathead Catfish	12	10	0	0	0	0	22	0.11
	Freshwater Catfish family	59	232	0	0	0	0	291	1.48
	Gizzard Shad	0	3	0	0	0	0	3	0.02
	Green Sunfish	0	0	0	0	0	0	0	0.00
	Golden Shiner	1	0	0	0	0	0	1	0.01
	Herring family	0	9	0	0	0	0	9	0.05
	Hickory Shad	939	2,682	390	0	0	0	4,011	20.42
	Hybrid Striped Bass	0	4	0	0	0	0	4	0.02
	Largemouth Bass	50	1,479	0	518	0	0	2,047	10.42
	Lefteye Flounder family	6	16	10	759	0	0	791	4.03
	Longnose Gar	2	95	0	0	0	0	97	0.49
	Mullet genus	0	46	0	0	0	0	46	0.23
	Pinfish	0	35	0	0	0	0	35	0.18
	Pumpkinseed	32	17	0	0	0	0	49	0.25
	Red Drum	23	18	0	88	3	21	153	0.78
	Redbreast Sunfish	12	21	0	0	0	0	33	0.17
	Redear Sunfish	102	59	0	0	0	0	161	0.82
	Shad genus	0	204	16	0	0	0	220	1.12
	Silver Perch	0	2	0	0	0	0	2	0.01
	Southern Flounder	55	0	0	0	0	0	55	0.28
	Spanish Mackerel	0	0	0	6	0	0	6	0.03
	Spot	24	86	0	0	0	0	110	0.56
	Spotted Seatrout	62	135	0	845	0	0	1,042	5.31
	Stingray family	0	11	0	0	0	0	11	0.06
	Striped Bass	219	566	82	2,244	121	2	3,234	16.47
	Striped Mullet	2	0	0	0	0	0	2	0.01
	Sunfish genus	306	1,789	108	0	0	0	2,203	11.22
	Tarpon	0	1	0	0	0	0	1	0.01
	Warmouth	8	52	0	0	0	0	60	0.31
	White Bass	0	7	0	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	6	0.03	
	White Perch	604	169	0	0	0	773	3.94	
	Yellow Bullhead Catfish	2	0	0	0	0	2	0.01	
	Yellow Perch	68	59	0	0	0	127	0.65	
	Total	4,263	9,743	712	4,773	124	23	19,638	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	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	6	0	0	0	0	7
	American Shad	492	449	206	0	0	0	1,147
	Atlantic Croaker	32	270	0	0	0	0	302
	Atlantic Menhaden	0	13	0	0	0	0	13
	Black Crappie	499	367	25	134	0	0	1,025
	Black Drum	51	1	0	15	0	0	67
	Black Sea Bass	0	0	0	1	0	0	1
	Blue Catfish	96	39	0	0	0	0	135
	Bluegill	475	386	4	0	0	0	865
	Bowfin	25	213	0	0	0	0	238
	Brown Bullhead Catfish	1	0	0	0	0	0	1
	Chain Pickerel	3	192	0	0	0	0	195
	Channel Catfish	61	9	0	0	0	0	70
	Cleanose Skate	0	4	0	0	0	0	4
	Cownose Ray	0	2	0	0	0	0	2
	Flathead Catfish	21	8	0	0	0	0	29
	Freshwater Catfish family	12	149	0	0	0	0	161
	Gizzard Shad	288	95	0	0	0	0	383
	Golden Shiner	2	0	0	0	0	0	2
	Green Sunfish	5	2	0	0	0	0	7
	Hickory Shad	418	1,202	292	0	0	0	1,912
	Hybrid Striped Bass	11	0	0	1	1	0	13
	Ladyfish	0	3	0	0	0	0	3
	Largemouth Bass	51	1,707	5	731	0	0	2,494
	Lefteye Flounder family	22	3	0	668	0	0	693
	Longnose Gar	0	47	0	0	0	0	47
	Mullet genus	0	9	0	0	0	0	9
	Pinfish	3	43	0	0	0	0	46
	Pumpkinseed	25	24	0	0	0	0	49
	Red Drum	19	10	0	468	0	0	497
	Redbreast Sunfish	45	48	0	0	0	0	93
	Redear Sunfish	135	94	0	0	0	0	229
	Shad genus	0	38	58	0	0	0	96
	Silver Perch	0	2	0	0	0	0	2
	Southern Flounder	55	0	0	0	0	0	55
	Spanish Mackerel	0	0	0	1	0	0	1
	Spot	6	31	0	0	0	0	37
	Spottail Pinfish	0	4	0	0	0	0	4
	Spotted Bass	2	1	0	0	0	0	3
	Spotted Seatrout	234	30	2	773	0	0	1,039
	Stingray family	0	1	0	0	0	0	1
	Striped Bass	260	471	2	3,302	241	14	4,290
	Striped Mullet	0	4	0	0	0	0	4
	Sunfish genus	352	1,533	118	0	0	0	2,003
	Threadfin Shad	137	62	0	0	0	0	199
	Unidentified Fish	0	4	0	0	0	0	4

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	Warmouth	9	76	0	0	0	0	85
	Weakfish	2	6	0	0	0	0	8
	White Bass	4	3	0	0	0	0	7
	What Catfish	3	0	0	0	0	0	3
	White Perch	712	426	0	0	0	0	1,138
	Yellow Perch	13	42	0	0	0	0	55
	Total	4,582	8,129	712	6,094	242	14	19,773

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	5	0	1	0	0	7
	American Shad	169	281	130	0	0	0	580
	Atlantic Croaker	10	131	0	0	0	0	141
	Black Crappie	462	234	0	208	0	0	904
	Blue Catfish	128	64	0	0	0	0	192
	Bluefish	0	10	0	0	0	0	10
	Bluegill	745	461	0	0	0	0	1,206
	Bowfin	3	143	0	0	0	0	146
	Brown Bullhead Catfish	4	0	0	0	0	0	4
	Chain Pickerel	1	73	0	0	0	0	74
	Channel Catfish	67	60	0	0	0	0	127
	Common Carp	0	4	0	0	0	0	4
	Cownose Ray	0	8	0	0	0	0	8
	Flathead Catfish	7	7	0	0	0	0	14
	Freshwater Catfish family	14	109	0	0	0	0	123
	Gizzard Shad	4	40	0	0	0	0	44
	Golden Shiner	0	1	0	0	0	0	1
	Hickory Shad	428	514	104	0	0	0	1,046
	Hybrid Striped Bass	11	1	0	4	0	0	16
	Largemouth Bass	61	1,353	0	846	0	0	2,260
	Lefteye Flounder family	8	17	1	550	0	0	493
	Longnose Gar	0	58	0	0	0	0	58
	Pinfish	0	42	0	0	0	0	42
	Pumpkinseed	57	54	0	0	0	0	111
	Red Drum	2	12	1	41	0	1	57
	Redbreast Sunfish	58	75	0	0	0	0	133
	Redear Sunfish	63	68	0	0	0	0	131
	Shad genus	0	87	0	0	0	0	87
	Silver Perch	2	3	0	0	0	0	5
	Southern Flounder	70	0	0	0	0	0	84
	Spanish Mackerel	0	0	0	2	0	0	2
	Spot	74	197	0	0	0	0	271
	Spotted Seatrout	93	24	1	714	0	0	832
	Stingray family	0	2	0	0	0	0	2
	Striped Bass	151	241	3	1,201	38	21	1,655
	Striped Mullet	4	2	0	0	0	0	6
	Summer Flounder	29	0	0	0	0	0	98
	Sunfish genus	298	1,362	20	0	0	0	1,680
	Threadfin Shad	22	1	0	0	0	0	23
	Unidentified Fish	0	5	0	0	0	0	5
	Warmouth	10	19	0	0	0	0	29
	White Bass	0	5	0	0	0	0	5
	White Catfish	1	0	0	0	0	0	1
	White Perch	623	432	0	165	0	0	1,220
	Yellow Perch	29	25	0	0	0	0	54
	Total	3,709	6,230	260	3,732	38	22	13,991

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	16	0	0	0	0	16
	American Shad	282	82	0	0	0	0	364
	Atlantic Croaker	92	85	0	0	0	0	177
	Atlantic Menhaden	0	1	0	0	0	0	1
	Black Crappie	386	127	10	339	0	0	862
	Blue Catfish	219	74	0	0	0	0	293
	Bluefish	3	11	0	0	0	0	14
	Bluegill	699	225	18	0	0	0	942
	Bowfin	0	67	0	0	0	0	67
	Chain Pickerel	1	73	0	0	0	0	74
	Channel Catfish	36	31	0	0	0	0	67
	Common Carp	2	5	0	0	0	0	7
	Cownose Ray	0	6	0	0	0	0	6
	Flathead Catfish	5	7	0	0	0	0	12
	Freshwater Catfish family	38	137	0	0	0	0	175
	Gizzard Shad	27	9	0	0	0	0	36
	Hickory Shad	351	734	17	0	0	0	1,102
	Hybrid Striped Bass	25	11	0	9	0	0	45
	Largemouth Bass	40	721	6	1,075	0	0	1,842
	Lefteye Flounder family	14	7	0	943	0	0	952
	Longnose Gar	0	121	0	0	0	0	121
	Pigfish	0	2	0	0	0	0	2
	Pinfish	8	33	0	0	0	0	41
	Pumpkinseed	113	29	0	0	0	0	142
	Red Drum	13	6	1	12	0	0	32
	Redbreast Sunfish	6	1	0	0	0	0	7
	Redear Sunfish	47	7	0	0	0	0	54
	Seatrout genus	0	10	0	0	0	0	10
	Shad genus	7	290	161	0	0	0	458
	Silver Perch	3	7	0	0	0	0	10
	Southern Flounder	98	0	0	0	0	0	110
	Spot	68	161	0	0	0	0	229
	Spotted Bass	0	6	0	5	0	0	11
	Spotted Seatrout	301	299	9	422	0	0	1,031
	Stingray family	0	4	0	0	0	0	4
	Striped Bass	149	351	59	828	65	10	1,462
	Striped Mullet	7	1	0	0	0	0	8
	Summer Flounder	1	0	0	0	0	0	1
	Sunfish genus	153	1,407	163	0	0	0	1,723
	Threadfin Shad	25	0	0	0	0	0	25
	Warmouth	4	10	0	0	0	0	14
	White Bass	0	2	0	0	0	0	2
	White Catfish	30	2	0	0	0	0	32
	White Perch	318	161	0	0	0	0	479
	White Sucker	1	0	0	0	0	0	1
	Yellow Perch	27	25	0	0	0	0	52
	Total	3,599	5,364	444	3,633	65	10	13,115

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
	Total	5,222	6,445	292	7,468	117	19,544	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		
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
	Total	3,710	6,090	267	9,602	201	19,870	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		
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
	Total	2,413	3,462	72	3,208	230	9,385	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		
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
	Total	2,367	3,948	27	3,649	62	10,053	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		
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
	Total	10,591	3,290	42	4,281	103	18,307	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		
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
	Total	3,769	3,773	73	5,722	4	13,341	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		
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
	Total	4,165	4,981	42	6,690	0	15,878	100.00

Table IV.4 Percent of reported target species by year.

Target Species	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	Percent of all years
American Eel	0	0	0	0	0	0	0	0.1	0	0	0	0	0.01
American Shad	4.2	2.4	6.9	0.7	1	0.4	1.3	8.4	0	0	0.3	0.1	2.05
Atlantic Croaker	0.1	0	0.2	0.0	0.2	0	0.1	0.2	0.6	0	0.1	0.2	0.14
Black Crappie	3.1	2.8	2.4	2.8	3.1	1.6	2	3.3	3.3	2.4	3	2.1	2.59
Black Drum	0.3	0.1	0.8	0	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.1	0.23
Blue Catfish	0.2	0.1	0	0	0	0	0	0	0	0	0	0	0.03
Bluefish	0.1	0	0	0	<0.01	0.5	0	0	0	0	0.1	0	0.07
Bluegill	0.6	0.8	0.6	1.0	0.7	0	0	0	0	0	0	0	0.30
Bowfin	0.1	0	0	0.2	0.1	0	0.1	0	0	0	0	0	0.04
Channel Catfish	0	0.1	0	0	0	0	0	0	0	0	0	0	0.01
Common Carp	0.1	0	0	0	0	0	0	0	0	0	0	0	0.01
Freshwater Catfish family	8.6	4.1	6.2	11.9	7.6	7.9	6.8	0.8	1.1	0.8	1.8	0.7	5.00
Cownose Ray	0	0	0	0	0	0	<0.1	0	0	0	0	0	<0.01
Creek Chubsucker	0	0	0	0	0	0	0	0	0	0	0	0.1	0.01
Flathead Catfish	0	0.1	0	0	0	0	0	0	0	0	0	0	0.01
Lefteye Flounder family	5.3	3.4	4.1	2.3	5.3	4.3	4.3	9.5	16.5	9.8	8.7	3.3	6.17
Gizzard Shad	0	0	0.3	0.2	0.1	0.1	0.1	0	0	0	0	0	0.07
Hickory Shad	1.8	1.1	0.4	0.6	0.4	0.4	7.3	0.7	1.8	2.1	2.4	0.4	1.70
Hybrid Striped Bass	0	0	0	0	0	0	0	0	0	0	0	0.1	0.01
Largemouth Bass	18.8	16.6	14.2	13.8	11.4	8	11.2	9.6	18.4	14.2	19.1	22	14.80
Longnose Gar	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0.04
Mullet genus	0	0.1	0	0	0	0	0	0	0	0	0	0	0.01
Pinfish	0	0	0	0	0	0	<0.1	0	0	0	0	0	0.01
Red Drum	2.2	2.6	0.7	0.6	0.8	2.2	1.6	1.2	3.3	1.5	1.7	1.8	1.79
Redbreast Sunfish	0	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0.02
Redear Sunfish	0	0	0.1	0.1	0	0	0	0	0	0	0	0	0.01
Shad	18.7	14.3	14.0	29.6	22.3	24.6	9.7	0	0	0	0	0	11.63
Spanish Mackerel	0.2	0	0	0	0.1	0.1	0	0.5	0.7	0.6	0.6	0.1	0.22
Spot	0	0.2	0.1	0.1	0.2	0.2	0	0.2	0.2	0.1	0.1	0.8	0.18
Spotted Seatrout	8.3	22.0	15.1	7.0	18.7	28.3	26.3	10.2	9.1	40.1	33.9	35.4	21.70
Stingray family	0	0	0	0	0	0	<0.1	0	0	0	0	0	<0.01
Striped Bass	19.1	21.7	25.4	18.3	20.1	15.7	19.7	44.1	31.4	18.8	18.9	26	22.57
Striped Mullet	0	0	0	0.1	0	0	0.1	0.2	0	0	0	0.1	0.04
Summer Flounder	0	0.0	0	1.0	0	0.2	0	0	0	0	0	0	0.07
Sunfish genus	5.4	4.4	5.0	8.3	6.50	4.6	7.7	6.8	10.3	7.2	6.9	5.4	6.35
Tarpon	0	0	0.2	0	0.2	0.2	0.1	0.5	1.3	1	0.4	0	0.30
Threadfin Shad	0	0	0	0.1	0	0	0	0	0	0	0	0	0.01
White Bass	0	0	0.1	0	0	0	0	0	0	0	0	0	<0.01
Weakfish	0	0	0	0	0	0	0	0	0	0	1	0	0.07
White Perch	2.4	2.7	3.2	1.0	1.1	0.4	1.2	3.4	1.8	1.2	0.7	1.5	1.70
Yellow Perch	0.1	0	0.1	0.2	0	0	0	0.1	0	0	0	0.1	0.04
Total Number of Trips	2,149	2,240	1,910	1,030	1,639	2,483	2,123	1,125	1,808	1,433	1,531	1,845	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	
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	
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	

Table IV.5 Estimated Striped Bass effort and catch in the CSMA (continued).

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	
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	
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
	Total	136,374	20,394	86,918	5,467	19,537	10,619	19,394	447	2,357	38,283
	PSE	5.4	8.0	8.7	12.9	13.3	29.2	13.4	43.6	27.7	

Table IV.5 Estimated Striped Bass effort and catch in the CSMA (continued).

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	
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
	Total	110,689	18,338	71,964	3,922	15,240	13,621	26,343	439	2,910	47,236
	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
	Total	45,246	12,608	51,540	2,727	9,476	5,396	16,661	-	2,128	26,912
	PSE	8.9	14.5	14.9	17.3	17.3	25.3	11.9	100.0	23.6	
2010	Jan	1,524	842	3,661	258	1,104	242	639	-	63	1,202
	Feb	293	247	835	147	583	14	349	-	46	556
	Mar	2,757	1,076	4,263	413	1,674	153	982	6	95	1,649
	Apr	4,545	1,296	4,998	289	1,088	-	638	7	36	970
	May	7,494	266	1,772	263	-	136	78	-	-	477
	Jun	2,303	47	135	-	-	382	20	-	-	402
	Jul	3,338	62	212	-	-	241	198	-	-	439
	Aug	4,195	459	1,315	-	-	970	128	-	-	1,098
	Sep	3,927	-	-	-	-	55	21	-	21	97
	Oct	2,765	745	2,718	92	146	83	730	-	88	993
	Nov	3,450	750	2,730	140	426	119	794	5	6	1,064
	Dec	926	769	2,716	155	515	5	624	11	5	800
	Total	37,517	6,559	25,355	1,757	5,536	2,400	5,201	29	360	9,747
	PSE	8.6	12.8	13.9	23.0	23.0	29.6	15.8	52.3	26.1	

Table IV.5 Estimated Striped Bass effort and catch in the CSMA (continued).

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	
2009	Jan	2,090	509	2,355	78	261	36	236	7	139	496
	Feb	3,656	1,044	5,230	108	356	51	765	-	251	1,175
	Mar	4,022	667	2,588	102	379	47	230	-	85	464
	Apr	7,409	655	3,543	38	130	4	140	-	198	380
	May	5,171	419	1,770	-	-	442	359	-	-	801
	Jun	4,710	84	626	-	-	564	70	-	-	634
	Jul	2,951	6	29	-	-	15	67	-	-	82
	Aug	2,484	30	145	-	-	229	269	-	14	512
	Sep	2,420	25	149	-	-	321	1,019	-	-	1,340
	Oct	4,289	998	5,945	278	947	46	448	-	-	772
	Nov	4,002	836	3,097	51	181	13	208	-	-	272
	Dec	2,703	367	1,130	240	809	-	662	-	31	933
	Total	45,907	5,640	26,607	895	3,063	1,768	4,473	7	718	7,861
	PSE	7.7	14.0	17.8	20.2	20.2	30.9	18.9	100.0	27.6	
2008	Jan	1,826	1,198	4,325	129	388	-	2,910	-	-	3,039
	Feb	3,013	1,011	4,371	124	424	14	1,850	-	-	1,988
	Mar	5,715	436	2,053	19	66	-	407	-	-	426
	Apr	4,401	441	2,057	13	39	-	533	-	-	546
	May	7,289	765	3,568	63	235	919	1,973	-	37	2,992
	Jun	5,630	234	893	44	144	23	442	-	-	509
	Jul	4,539	228	924	-	-	1,278	208	2,838	-	4,324
	Aug	5,454	256	1,082	-	-	605	359	-	-	964
	Sep	2,825	68	410	-	-	170	505	-	-	675
	Oct	5,433	882	4,052	125	412	26	1,147	-	-	1,298
	Nov	3,700	535	2,592	142	659	272	1,077	-	3	1,494
	Dec	3,063	566	2,088	184	623	9	307	-	51	551
	Total	52,888	6,620	28,415	843	2,990	3,316	11,718	2,838	91	18,806
	PSE	6.9	11.6	11.8	25.6	25.6	40.0	17.3	96.2	69.0	
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	
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	702
		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	173
		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
Total			5,657	21,393	1,080	3,809	2,434	7,426	-	913	11,853
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
Total			2,340	9,177	109	361	1,440	699	-	13	2,261
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
Total			2,474	12,995	249	868	704	443	-	138	1,534
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	10,545
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	-	9,098
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	
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			
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			

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	
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			
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			

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	
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	
2013	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			
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	
2013	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			

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		
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	-	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			
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	
	Total	6,209	26,258	1,234	4,253	2,687	8,062	9	1,124	13,116		
	PSE	24.1	25.7	20.0	20.0	36.1	18.9	96.9	22.4			

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	
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
				Total	3,913	15,102	1,510	4,696	843	3,925	22
		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
				Total	2,412	10,474	233	794	512	2,347	-
		PSE	15.6	16.4	20.6	20.6	34.5	21.0	-	42.3	
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	-
		PSE	12.8	13.1	40.2	40.2	38.9	17.6	-	100.0	

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	
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	-	-	12,853
		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	
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
			Total	1,019	5,080	360	1,391	768	8,304	-	-
	PSE	28.0	26.7	31.5	31.5	34.4	21.9	-	-		
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
			Total	1,013	5,031	652	2,070	622	22,582	31	11
	PSE	16.2	17.8	24.4	24.4	2.5	11.5	100.0	72.1		
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		

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	
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	-	-	5,731
		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	2,823
		PSE	25.3	26.9	41.8	36.2	56.3	26.5	-	56.4	
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
		Total	892	5,336	796	2,644	669	2,282	-	75	3,822
		PSE	21.8	23.1	23.3	23.6	20.8	24.5	-	40.8	

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	
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
		Total	700	3,285	365	1,277	400	2,385	-	88	3,238
		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
		Total	740	3,889	414	1,412	276	1,171	-	86	1,947
		PSE	24.5	31.8	43.3	43.3	50.0	32.2	-	64.1	
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	9	848
		PSE	34.4	30.3	27.6	27.6	41.9	33.2	106.9	102.4	

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	
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	
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 ¹		Discard (numbers)				Total Catch (numbers)
					Number	Pounds	Legal-sized	Under-sized	Over-creel	Slot	
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	-	-	
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	-	-	

¹ A moratorium on harvest of Striped Bass in the Cape Fear River was implemented in 2012.

Table IV.10 Estimated shad effort and catch¹ (in numbers) by river in the CSMA.

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	0
		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	

Table IV.10 Estimated shad effort and catch¹ (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	112	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	

¹ 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 catch¹ (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	-	-	-	59	
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	

¹ 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 catch¹ (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	

¹ 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 catch¹ (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	

¹ 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 catch¹ (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	2,676	1,735	2,219
	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	95	11,181	12,773
	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	2,603	10,180	2,358	8,292	
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	20,519	34,902	14	172	
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	24,510	47,853	15,288	23,506	

¹ 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 catch¹ (in numbers) by river in the CSMA (continued).

Year	River ²	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	

¹ 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.

² 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
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	0.54
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	0.98
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

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
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
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

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
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
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

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
2009	January	0.04	0.20	0.24
	February	0.03	0.29	0.32
	March	0.03	0.09	0.12
	April	0.01	0.05	0.05
	May	-	0.15	0.15
	June	-	0.13	0.13
	July	-	0.03	0.03
	August	-	0.21	0.21
	September	-	0.55	0.55
	October	0.06	0.12	0.18
	November	0.01	0.06	0.07
	December	0.09	0.26	0.35
	Annual	0.02	0.15	0.17
2008	January	0.07	1.59	1.66
	February	0.04	0.62	0.66
	March	<0.01	0.07	0.07
	April	<0.01	0.12	0.12
	May	0.01	0.40	0.41
	June	0.01	0.08	0.09
	July	-	0.95	0.95
	August	-	0.18	0.18
	September	-	0.24	0.24
	October	0.02	0.22	0.24
	November	0.04	0.37	0.40
	December	0.06	0.12	0.18
	Annual	0.02	0.34	0.36
2007	January	0.28	0.61	0.89
	February	0.08	2.35	2.43
	March	0.10	0.51	0.61
	April	0.02	0.22	0.24
	May	0.02	0.43	0.45
	June	0.04	0.11	0.14
	July	0.06	0.30	0.36
	August	0.07	0.28	0.35
	September	0.02	0.08	0.10
	October	0.08	0.21	0.29
	November	0.01	0.26	0.27
	December	0.03	0.32	0.35
	Annual	0.05	0.36	0.41

Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished.

County	2018		2017		2016		2015		2014		2013	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
Upper Neuse River¹												
Beaufort	0	0	1	1.4	0	0	0	0	0	0	0	0
Brunswick	0	0	0	0	0	0	0	0	1	0.9	0	0
Burke	0	0	0	0	0	0	0	0	2	1.8	0	0
Camden	0	0	1	1.4	0	0	0	0	0	0	0	0
Carteret	0	0	0	0	0	0	0	0	0	0	1	0.4
Caswell	0	0	0	0	0	0	0	0	0	0	2	0.8
Chatham	0	0	0	0	0	0	0	0	1	0.9	0	0
Cumberland	0	0	2	2.8	1	1.0	1	0.7	0	0	1	0.4
Duplin	0	0	0	0	1	1.0	3	2.2	0	0	1	0.4
Durham	0	0	0	0	1	1.0	0	0	0	0	2	0.8
Edgecombe	0	0	0	0	0	0	0	0	0	0	0	0
Franklin	1	1.1	0	0	0	0	3	2.2	0	0	2	0.8
Graham	0	0	0	0	0	0	0	0	1	0.9	0	0
Granville	0	0	0	0	0	0	1	0.7	0	0	1	0.4
Guilford	0	0	0	0	0	0	0	0	2	1.8	0	0
Halifax	0	0	0	0	0	0	1	0.7	0	0	0	0
Harnett	0	0	1	1.4	0	0	0	0	0	0	4	1.7
Hyde	0	0	0	0	0	0	1	0.7	0	0	0	0
Johnston	23	24.2	13	18.1	19	19.6	25	18.2	23	20.4	41	17
Lenoir	0	0	0	0	0	0	0	0	2	1.8	1	0.4
Mecklenburg	0	0	0	0	0	0	1	0.7	0	0	0	0
Nash	0	0	0	0	0	0	0	0	0	0	1	0.4
New Hanover	0	0	0	0	0	0	1	0.7	0	0	0	0
Onslow	0	0	0	0	0	0	2	1.5	0	0	0	0
Orange	1	1.1	0	0	0	0	0	0	0	0	0	0
Pitt	0	0	0	0	1	1.0	0	0	0	0	1	0.4
Robeson	0	0	0	0	1	1.0	0	0	0	0	0	0
Sampson	3	3.2	1	1.4	0	0	2	1.5	2	1.8	5	2.1
Wake	33	34.7	18	25.0	43	44.3	45	32.8	39	34.5	118	49
Wayne	33	34.7	35	48.6	30	30.9	49	35.8	40	35.4	60	24.9
Wilson	1	1.1	0	0	0	0	2	1.5	0	0	0	0
Total	95	100.0	72	100.0	97	100.0	137	100.0	113	100.0	241	100.0

¹ Sustained sampling for the upper Neuse River started in 2012.

Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).

County	2018		2017		2016		2015		2014		2013	
	Num	%										
Middle Neuse River¹												
Beaufort	4	1.9	3	1.7	1	0.7	1	0.5	3	2.0	2	0.9
Carteret	5	2.4	2	1.1	1	0.7	2	1.0	1	0.7	6	2.8
Chatham	1	0.5	0	0	0	0	0	0	0	0	0	0
Craven	21	10.1	24	13.6	13	9.4	31	15.3	6	4.0	22	10.2
Cumberland	0	0	0	0	0	0	1	0.5	0	0	1	0.5
Davidson	1	0.5	0	0	0	0	0	0	0	0	0	0
Duplin	10	4.8	6	3.4	3	2.2	5	2.5	3	2.0	5	2.3
Edgecombe	2	1.0	1	0.6	1	0.7	0	0	0	0	0	0
Forsyth	0	0	1	0.6	0	0	0	0	0	0	0	0
Granville	1	0.5	0	0	0	0	0	0	0	0	0	0
Greene	11	5.3	21	11.9	15	10.8	34	16.7	13	8.7	25	11.6
Guilford	1	0.5	1	0.6	0	0	0	0	0	0	1	0.5
Harnett	1	0.5	1	0.6	1	0.7	1	0.5	0	0	0	0
Hoke	1	0.5	0	0	0	0	0	0	0	0	0	0
Hyde	0	0	1	0.6	0	0	0	0	0	0	0	0
Johnston	3	1.4	3	1.7	3	2.2	4	2.0	3	2.0	0	0
Jones	6	2.9	4	2.3	5	3.6	6	3.0	8	5.4	9	4.2
Lenoir	51	24.6	37	20.9	41	29.5	58	28.6	60	40.3	87	40.5
Martin	0	0	0	0	0	0	0	0	0	0	1	0.5
Nash	2	1.0	2	1.1	1	0.7	0	0	0	0	0	0
New Hanover	0	0	0	0	0	0	0	0	0	0	2	0.9
Onslow	8	3.9	2	1.1	1	0.7	4	2.0	1	0.7	2	0.9
Pamlico	1	0.5	0	0	0	0	0	0	0	0	0	0
Pender	1	0.5	0	0	0	0	0	0	0	0	1	0.5
Pitt	45	21.7	39	22.0	39	28.1	38	18.7	36	24.2	35	16.3
Robeson	1	0.5	0	0	0	0	0	0	0	0	0	0
Transylvania	0	0	0	0	0	0	1	0.5	0	0	0	0
Sampson	0	0	0	0	1	0.7	0	0	0	0	0	0
Scotland	1	0.5	0	0	0	0	0	0	0	0	0	0
Wake	4	1.9	9	5.1	0	0	1	0.5	0	0	0	0
Washington	0	0	0	0	0	0	1	0.5	0	0	0	0
Wayne	25	12.1	18	10.2	11	7.9	14	6.9	15	10.1	14	6.5
Wilson	0	0	2	1.1	2	1.4	1	0.5	0	0	2	0.9
Total	207	100.0	177	100.0	139	100.0	203	100.0	149	100.0	215	100.0

¹ Sustained sampling for the middle Neuse River started in 2012.

Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).

County	2018		2017		2016		2015		2014		2013	
	Num	%										
Lower Neuse River												
Alamance	0	0	0	0	0	0	0	0	0	0	1	0.2
Ashe	0	0	1	0.1	0	0	0	0	0	0	0	0
Beaufort	0	0	5	0.6	4	0.7	4	0.8	2	0.5	5	0.8
Brunswick	1	0.2	1	0.1	1	0.2	0	0	2	0.5	1	0.2
Cabarrus	1	0.2	0	0	0	0	0	0	0	0	0	0
Carteret	13	2.1	21	2.5	13	2.4	12	2.3	14	3.3	10	1.7
Catawba	0	0	0	0	0	0	0	0.0	0	0	1	0.2
Chowan	1	0.2	0	0	0	0	0	0	0	0	0	0
Columbus	4	0.7	11	1.3	5	0.9	4	0.8	1	0.2	1	0.2
Chatham	0	0	0	0	0	0	0	0.0	0	0	0	0
Craven	252	41.0	339	39.6	225	41.0	233	44.0	200	47.2	286	48.1
Cumberland	2	0.3	0	0	0	0	2	0.4	1	0.2	4	0.7
Davidson	0	0	1	0.1	0	0	0	0	1	0.2	1	0.2
Duplin	27	4.4	22	2.6	12	2.2	9	1.7	3	0.7	8	1.3
Durham	0	0	0	0	0	0	0	0	0	0	1	0.2
Edgecombe	2	0.3	1	0.1	0	0	0	0	2	0.5	1	0.2
Franklin	2	0.3	0	0	0	0	0	0	0	0	0	0
Forsyth	0	0	0	0	0	0	3	0.6	0	0	2	0.3
Gaston	0	0	2	0.2	0	0	0	0	0	0	0	0
Granville	0	0	2	0.2	0	0	0	0	0	0	0	0
Greene	3	0.5	21	2.5	12	2.2	7	1.3	10	2.4	10	1.7
Guilford	1	0.2	0	0	0	0	2	0.4	0	0	0	0
Iredell	0	0	0	0	0	0	0	0	0	0	0	0
Halifax	0	0	1	0.1	0	0	0	0	0	0	0	0
Harnett	1	0.2	2	0.2	1	0.2	1	0.2	2	0.5	1	0.2
Hertford	0	0	0	0	1	0.2	0	0	0	0	0	0
Johnston	7	1.1	10	1.2	2	0.4	6	1.1	10	2.4	5	0.8
Jones	60	9.8	56	6.5	42	7.7	37	7.0	23	5.4	30	5.1
Lenoir	29	4.7	58	6.8	37	6.7	40	7.6	31	7.3	41	6.9
Martin	0	0	2	0.2	0	0	1	0.2	0	0	1	0.2
Mecklenburg	2	0.3	0	0	0	0	1	0.2	1	0.2	0	0
Moore	0	0	1	0.1	1	0.2	0	0	1	0.2	0	0
Nash	0	0	0	0	0	0	1	0.2	0	0	0	0
New Hanover	0	0	5	0.6	3	0.5	2	0.4	0	0	0	0
Onslow	114	18.6	146	17.0	94	17.1	74	14.0	75	17.7	83	14
Orange	0	0	1	0.1	0	0	0	0	1	0.2	1	0.2
Pamlico	27	4.4	47	5.5	38	6.9	32	6.0	18	4.2	30	5.1
Pender	3	0.5	4	0.5	3	0.5	2	0.4	0	0	0	0
Pitt	32	5.2	54	6.3	28	5.1	28	5.3	9	2.1	22	3.7
Randolph	3	0.5	0	0	0	0	1	0.2	0	0	0	0
Richmond	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	2018		2017		2016		2015		2014		2013	
	Num	%										
Lower Neuse River												
Rockingham	0	0	0	0	0	0	1	0.2	0	0	0	0
Robeson	0	0	1	0.1	0	0	0	0	0	0	1	0.2
Sampson	0	0	0	0	0	0	2	0.4	1	0.2	0	0
Stokes	0	0	0	0	1	0.2	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0	0	0	0	0
Wake	3	0.5	2	0.2	4	0.7	3	0.6	4	0.9	11	1.9
Warren	0	0	0	0	0	0	0	0	1	0.2	0	0
Watauga	0	0	0	0	0	0	2	0.4	0	0	2	0.3
Wayne	24	3.9	39	4.6	16	2.9	16	3.0	6	1.4	27	4.5
Wilson	0	0	1	0.1	6	1.1	3	0.6	5	1.2	7	1.2
Total	614	100.0	857	100.0	549	100.0	529	100.0	424	100.0	594	100.0

Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).

County	2018		2017		2016		2015		2014		2013	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
Upper Tar River¹												
Beaufort	1	0.6	0	0	0	0	0	0	1	1.5	1	0.5
Bertie	0	0	0	0	1	0.6	0	0	0	0	0	0
Buncombe	0	0	0	0	1	0.6	0	0	0	0	0	0
Carteret	2	1.2	0	0	0	0	0	0	0	0	0	0
Chatham	1	0.6	0	0	0	0	0	0	0	0	0	0
Dare	1	0.6	0	0	1	0.6	0	0	0	0	0	0
Davidson	0	0	0	0	0	0	0	0	0	0	0	0
Durham	0	0	1	0.9	0	0	0	0	0	0	1	0.5
Edgecombe	80	48.5	65	56.5	70	45.2	124	54.9	33	50.0	93	47.2
Franklin	2	1.2	1	0.9	0	0	2	0.9	0	0	1	0.5
Greene	0	0	0	0	0	0	6	2.7	0	0	1	0.5
Halifax	0	0	1	0.9	2	1.3	0	0	0	0	1	0.5
Harnett	0	0	0	0	1	0.6	0	0	0	0	0	0
Hyde	0	0	1	0.9	0	0	0	0	0	0	0	0
Lee	0	0	0	0	2	1.3	0	0	0	0	0	0
Hyde	0	0	0	0	0	0	0	0	0	0	1	0.5
Johnston	3	1.8	3	2.6	0	0	2	0.9	0	0	0	0
Jones	1	0.6	0	0	0	0	0	0	0	0	0	0
Martin	0	0	1	0.9	2	1.3	2	0.9	0	0	0	0
Mecklenburg	0	0	0	0	0	0	0	0	0	0	1	0.5
Nash	51	30.9	16	13.9	44	28.4	64	28.3	15	22.7	65	33
New Hanover	0	0	0	0	0	0	2	0.9	0	0	1	0.5
Orange	0	0	0	0	0	0	0	0	0	0	0	0
Pitt	7	4.2	12	10.4	18	11.6	6	2.7	7	10.6	10	5.1
Sampson	0	0	2	1.7	0	0	0	0	0	0	0	0
Wake	4	2.4	4	3.5	5	3.2	8	3.5	3	4.5	12	6.1
Warren	0	0	0	0	0	0	0	0	0	0	1	0.5
Wilson	12	7.3	8	7.0	8	5.2	10	4.4	7	10.6	8	4.1
Total	165	100.0	115	100.0	155	100.0	226	100.0	66	100.0	197	100

¹ Sustained sampling for the upper Tar River started in 2012.

Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (continued).

County	2018		2017		2016		2015		2014		2013	
	Num	%										
Lower Tar/ Upper Pamlico River												
Beaufort	266	40.0	337	45.4	238	47.4	362	4.0	92	36.4	180	27.6
Bertie	7	1.1	7	0.9	1	0.2	6	0.7	0	0	3	0.5
Carteret	7	1.1	1	0.1	0	0	1	0.1	0	0	2	0.3
Catawba	0	0	0	0	0	0	2	0.2	0	0	0	0
Chatham	2	0.3	0	0	0	0	0	0	0	0	1	0.2
Craven	0	0	0	0	5	1.0	0	0	0	0	10	1.5
Chowan	0	0	0	0	0	0	2	0.2	1	0.4	0	0
Columbus	3	0.5	1	0.1	0	0	2	0.2	0	0	0	0
Craven	23	3.5	12	1.6	0	0	14	1.5	3	1.2	0	0
Cumberland	0	0	2	0.3	0	0	4	0.4	2	0.8	0	0
Dare	0	0	0	0	0	0	0	0	1	0.4	0	0
Davidson	0	0	0	0	1	0.2	0	0	0	0	0	0
Duplin	0	0	1	0.1	0	0	1	0.1	0	0	0	0
Durham	0	0	0	0	0	0	1	0.1	0	0	0	0
Edgecombe	17	2.6	20	2.7	17	3.4	16	1.8	5	2.0	26	4
Franklin	0	0	2	0.3	0	0	1	0.1	0	0	0	0
Granville	1	0.2	0	0	0	0	0	0	0	0	0	0
Greene	11	1.7	9	1.2	19	3.8	34	3.7	11	4.3	25	3.8
Guilford	1	0.2	0	0	1	0.2	2	0.2	0	0	0	0
Halifax	1	0.2	3	0.4	0	0	2	0.2	1	0.4	0	0
Harnett	2	0.3	1	0.1	0	0	0	0	1	0.4	2	0.3
Henderson	0	0	0	0	0	0	1	0.1	0	0	0	0
Hertford	3	0.5	0	0	0	0	0	0	0	0	0	0
Hoke	1	0.2	0	0	0	0	0	0	0	0	0	0
Hyde	0	0	1	0.1	0	0	0	0	0	0	1	0.2
Johnston	3	0.5	4	0.5	4	0.8	17	1.9	4	1.6	7	1.1
Jones	0	0	0	0	0	0	0	0	0	0	0	0
Lee	0	0	1	0.1	0	0	0	0	0	0	0	0
Lenoir	9	1.4	7	0.9	7	1.4	7	0.8	0	0	3	0.5
Martin	25	3.8	42	5.7	26	5.2	36	4.0	11	4.3	29	4.4
Mecklenburg	0	0	0	0	0	0	0	0	1	0.4	0	0
Nash	8	1.2	11	1.5	7	1.4	12	1.3	6	2.4	22	3.4
New Hanover	0	0	2	0.3	0	0	1	0.1	0	0	3	0.5
Northampton	0	0	0	0	0	0	0	0	0	0	0	0
Onslow	21	3.2	9	1.2	3	0.6	44	4.8	1	0.4	0	0
Orange	0	0	1	0.1	1	0.2	0	0	0	0	0	0
Pamlico	0	0	0	0	0	0	1	0.1	0	0	0	0
Pasquotank	1	0.2	0	0	0	0	0	0	0	0	0	0
Pender	0	0	0	0	0	0	1	0.1	0	0	0	0
Pitt	219	32.9	229	30.9	147	29.3	268	29.5	98	38.7	303	46.4
Robeson	2	0.3	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	2012		2011		2010		2009		2008		2007	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
Lower Tar/ Upper Pamlico River												
Beaufort	207	26.2	60	24	67	28.4	64	34.6	58	30.7	94	37.3
Bertie	4	0.5	0	0	0	0	0	0	0	0	0	0
Carteret	1	0.1	0	0	0	0	0	0	0	0	0	0
Catawba	0	0	0	0	0	0	0	0	0	0	0	0
Chatham	0	0	0	0	0	0	0	0	0	0	0	0
Craven	16	2	0	0	0	0	0	0	0	0	0	0
Chowan	0	0	1	0.4	0	0	0	0	0	0	0	0
Columbus	0	0	0	0	0	0	0	0	0	0	0	0
Craven	0	0	2	0.8	10	4.2	1	0.5	.	.	10	4
Cumberland	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	0	0	0	0	0	0	0	0	0	0	0	0
Duplin	2	0.3	0	0	0	0	0	0	0	0	0	0
Durham	2	0.3	0	0	0	0	0	0	0	0	0	0
Edgecombe	31	3.9	22	8.8	17	7.2	4	2.2	6	3.2	8	3.2
Franklin	1	0.1	0	0	0	0	0	0	1	0.5	0	0
Granville	0	0	0	0	0	0	0	0	0	0	0	0
Greene	32	4.1	9	3.6	9	3.8	4	2.2	2	1.1	6	2.4
Guilford	1	0.1	0	0	0	0	0	0	0	0	0	0
Halifax	0	0	0	0	0	0	0	0	0	0	0	0
Harnett	7	0.9	0	0	0	0	0	0	0	0	0	0
Henderson	0	0	0	0	0	0	0	0	0	0	0	0
Hertford	2	0.3	0	0	0	0	0	0	0	0	0	0
Hoke	0	0	0	0	0	0	0	0	0	0	0	0
Hyde	0	0	0	0	0	0	0	0	0	0	0	0
Johnston	4	0.5	9	3.6	7	3	2	1.1	0	0	2	0.8
Jones	1	0.1	0	0	0	0	0	0	0	0	0	0
Lee	3	0.4	0	0	0	0	0	0	0	0	0	0
Lenoir	9	1.1	1	0.4	4	1.7	0	0	0	0	1	0.4
Martin	33	4.2	6	2.4	9	3.8	6	3.2	5	2.7	6	2.4
Mecklenburg	0	0	0	0	0	0	0	0	0	0	0	0
Nash	11	1.4	15	6	2	0.9	1	0.5	3	1.6	7	2.8
New Hanover	0	0	0	0	0	0	0	0	0	0	1	0.4
Northampton	0	0	1	0.4	0	0	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
Pender	1	0.1	0	0	0	0	0	0	0	0	0	0
Pitt	382	48.4	110	44	95	40.3	94	50.8	111	58.7	110	43.7
Robeson	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	2018		2017		2016		2015		2014		2013	
	Num	%										
Lower Tar/ Upper Pamlico River												
Rockingham	1	0.2	0	0	0	0	0	0	0	0	0	0
Sampson	0	0	0	0	0	0	0	0	0	0	1	0.2
Tyrrell	0	0	0	0	0	0	0	0	0	0	1	0.2
Union	0	0	0	0	0	0	0	0	0	0	0	0
Wake	8	1.2	11	1.5	3	0.6	7	0.8	4	1.6	8	1.2
Washington	0	0	1	0.1	2	0.4	0	0	0	0	0	0
Watauga	0	0	0	0	1	0.2	0	0	0	0	0	0
Wayne	5	0.8	12	1.6	3	0.6	26	2.9	2	0.8	9	1.4
Wilson	18	2.7	14	1.9	16	3.2	39	4.3	9	3.6	17	2.6
Yadkin	0	0	1	0.1	0	0	0	0	0	0	0	0
Total	665	100.0	742	100.0	502	100.0	910	100.0	253	100.0	653	100.0

Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (*continued*).

County	2012		2011		2010		2009		2008		2007	
	Num	%										
Lower Tar/ Upper Pamlico River												
Rockingham	0	0	0	0	0	0	0	0	0	0	0	0
Sampson	0	0	0	0	0	0	0	0	0	0	0	0
Tyrrell	0	0	0	0	0	0	0	0	0	0	0	0
Union	2	0.3	0	0	0	0	0	0	0	0	0	0
Wake	9	1.1	1	0.4	1	0.4	0	0	0	0	0	0
Washington	0	0	1	0.4	0	0	0	0	0	0	0	0
Watauga	0	0	0	0	0	0	0	0	0	0	0	0
Wayne	5	0.6	1	0.4	5	2.1	6	3.2	0	0	1	0.4
Wilson	22	2.8	11	4.4	10	4.2	3	1.6	3	1.6	6	2.4
Yadkin	0	0	0	0	0	0	0	0	0	0	0	0
Total	789	100.0	250	100.0	236	100.0	185	100.0	189	100.0	252	100.0

Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (continued).

County	2018		2017		2016		2015		2014		2013	
	Num	%										
Pungo River												
Alamance	1	0.3	0	0	0	0	1	0.3	0	0	0	0
Beaufort	107	35.0	157	38.5	164	44.0	110	33.0	63	41.2	283	42.2
Bertie	1	0.3	8	2.0	0	0	9	2.7	2	1.3	6	0.9
Bladen	0	0	1	0.2	0	0	0	0	0	0	0	0
Brunswick	1	0.3	0	0	0	0	0	0	0	0	0	0
Cabarrus	0	0	1	0.2	1	0.3	0	0	0	0	0	0
Caldwell	0	0	0	0	0	0	1	0.3	0	0	0	0
Camden	0	0	0	0	0	0	1	0.3	0	0	0	0
Carteret	0	0	0	0	1	0.3	0	0	0	0	1	0.1
Chatham	2	0.7	0	0	1	0.3	0	0	0	0	0	0
Chowan	0	0	0	0	3	0.8	0	0	2	1.3	12	1.8
Craven	3	1.0	5	1.2	0	0	2	0.6	1	0.7	9	1.3
Cumberland	0	0	0	0	2	0.5	1	0.3	0	0	2	0.3
Currituck	0	0	1	0.2	0	0	0	0	0	0	0	0
Dare	1	0.3	0	0	1	0.3	1	0.3	0	0	1	0.1
Davidson	0	0	0	0	0	0	0	0	0	0	1	0.1
Davie	1	0.3	2	0.5	0	0	0	0	0	0	0	0
Durham	0	0	0	0	0	0	1	0.3	1	0.7	1	0.1
Duplin	1	0.3	1	0.2	0	0	0	0	0	0	0	0
Edgecombe	21	6.9	34	8.3	28	7.5	37	11.1	15	9.8	52	7.7
Forsyth	0	0	0	0	0	0	2	0.6	0	0	0	0
Franklin	0	0	6	1.5	0	0	1	0.3	0	0	2	0.3
Granville	0	0	1	0.2	1	0.3	0	0	0	0	0	0
Greene	2	0.7	5	1.2	0	0	2	0.6	2	1.3	13	1.9
Guilford	2	0.7	2	0.5	0	0	0	0	0	0	0	0
Halifax	0	0	1	0.2	0	0	0	0	0	0	0	0
Harnett	1	0.3	0	0	0	0	0	0	0	0	1	0.1
Hertford	1	0.3	1	0.2	2	0.5	0	0	2	1.3	1	0.1
Hyde	2	0.7	6	1.5	4	1.1	6	1.8	0	0	8	1.2
Johnston	6	2.0	5	1.2	8	2.1	4	1.2	1	0.7	13	1.9
Jones	0	0	0	0	0	0	0	0	1	0.7	0	0
Lee	1	0.3	0	0	0	0	0	0	0	0	2	0.3
Lenoir	3	1.0	1	0.2	2	0.5	2	0.6	0	0	0	0
Martin	19	6.2	22	5.4	24	6.4	16	4.8	4	2.6	32	4.8
Mecklenburg	0	0	0	0	0	0	0	0	0	0	1	0.1
Moore	0	0	1	0.2	0	0	0	0	0	0	0	0
Nash	14	4.6	16	3.9	17	4.6	9	2.7	9	5.9	37	5.5
New Hanover	0	0	0	0	1	0.3	0	0	0	0	2	0.3
Northampton	0	0	0	0	0	0	0	0	0	0	1	0.1
Onslow	1	0.3	0	0	0	0	0	0	0	0	0	0
Orange	0	0	0	0	1	0.3	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	2018		2017		2016		2015		2014		2013	
	Num	%										
Pungo River												
Pamlico	1	0.3	0	0	0	0	0	0	0	0	0	0
Pasquotank	0	0	1	0.2	0	0	0	0	0	0	0	0
Pender	0	0	0	0	0	0	0	0	0	0	1	0.1
Perquimans	0	0	1	0.2	3	0.8	1	0.3	0	0	4	0.6
Pitt	67	21.9	71	17.4	68	18.2	64	19.2	28	18.3	116	17.3
Randolph	0	0	0	0	1	0.3	0	0	0	0	0	0
Union	1	0.3	0	0	0	0	2	0.6	0	0	0	0
Wake	15	4.9	20	4.9	10	2.7	15	4.5	10	6.5	10	1.5
Washington	4	1.3	14	3.4	13	3.5	11	3.3	5	3.3	19	2.8
Wayne	4	1.3	3	0.7	5	1.3	11	3.3	2	1.3	4	0.6
Wilson	23	7.5	21	5.1	12	3.2	23	6.9	5	3.3	36	5.4
Total	306	100.0	408	100.0	373	100.0	333	100.0	153	100.0	671	100.0

Table IV.12 Number of observed anglers living in North Carolina by county of residency and river fished (continued).

County	2012		2011		2010		2009		2008		2007	
	Num	%										
Pungo River												
Alamance	0	0	0	0	0	0	0	0	0	0	0	0
Beaufort	325	40.8	26	48.2	10	41.7	31	55.4	17	43.6	43	33.1
Bertie	9	1.1	0	0	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
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	0	0	0	0	0	0	0	0	0	0
Chatham	1	0.1	0	0	0	0	0	0	0	0	0	0
Chowan	5	0.6	0	0	0	0	1	1.8	0	0	1	0.8
Craven	4	0.5	1	1.9	0	0	0	0	0	0	2	1.5
Cumberland	1	0.1	0	0	0	0	0	0	0	0	0	0
Currituck	0	0	0	0	0	0	0	0	0	0	0	0
Dare	0	0	0	0	0	0	0	0	0	0	0	0
Davidson	0	0	0	0	0	0	0	0	0	0	0	0
Davie	0	0	0	0	0	0	0	0	0	0	0	0
Durham	0	0	0	0	0	0	0	0	0	0	0	0
Duplin	0	0	0	0	0	0	0	0	0	0	2	1.5
Edgecombe	66	8.3	1	1.9	0	0	5	8.9	4	10.3	11	8.5
Forsyth	1	0.1	0	0	0	0	0	0	0	0	0	0
Franklin	4	0.5	0	0	0	0	1	1.8	0	0	5	3.9
Granville	0	0	0	0	0	0	0	0	0	0	0	0
Greene	17	2.1	2	3.7	0	0	0	0	0	0	1	0.8
Guilford	1	0.1	0	0	0	0	0	0	1	2.6	0	0
Halifax	3	0.4	0	0	0	0	0	0	0	0	0	0
Harnett	3	0.4	0	0	0	0	0	0	0	0	0	0
Hertford	4	0.5	0	0	0	0	0	0	0	0	0	0
Hyde	7	0.9	0	0	1	4.2	1	1.8	1	2.6	6	4.6
Johnston	13	1.6	3	5.6	1	4.2	0	0	0	0	1	0.8
Jones	0	0	0	0	0	0	0	0	0	0	0	0
Lee	0	0	0	0	0	0	0	0	0	0	0	0
Lenoir	2	0.3	0	0	0	0	0	0	0	0	0	0
Martin	63	7.9	2	3.7	4	16.7	2	3.6	2	5.1	7	5.4
Mecklenburg	0	0	0	0	0	0	0	0	2	5.1	0	0
Moore	0	0	0	0	0	0	0	0	0	0	0	0
Nash	44	5.5	3	5.6	1	4.2	4	7.1	0	0	4	3.1
New Hanover	0	0	0	0	0	0	0	0	0	0	2	1.5
Northampton	1	0.1	0	0	0	0	0	0	0	0	0	0
Onslow	0	0	0	0	0	0	0	0	0	0	0	0
Orange	1	0.1	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	2012		2011		2010		2009		2008		2007	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%
Pungo River												
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	0	0	0	0	0	0	0	0	0	0	0	0
Perquimans	0	0	0	0	0	0	0	0	0	0	1	0.8
Pitt	136	17.1	8	14.8	5	20.8	6	10.7	11	28.2	24	18.5
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	19	2.4	2	3.7	0	0	0	0	0	0	2	1.5
Washington	10	1.3	0	0	0	0	0	0	0	0	1	0.8
Wayne	11	1.4	2	3.7	0	0	0	0	0	0	11	8.5
Wilson	44	5.5	4	7.4	2	8.3	5	8.9	1	2.6	6	4.6
Total	796	100.0	54	100.0	24	100.0	56	100.0	39	100.0	130	100.0

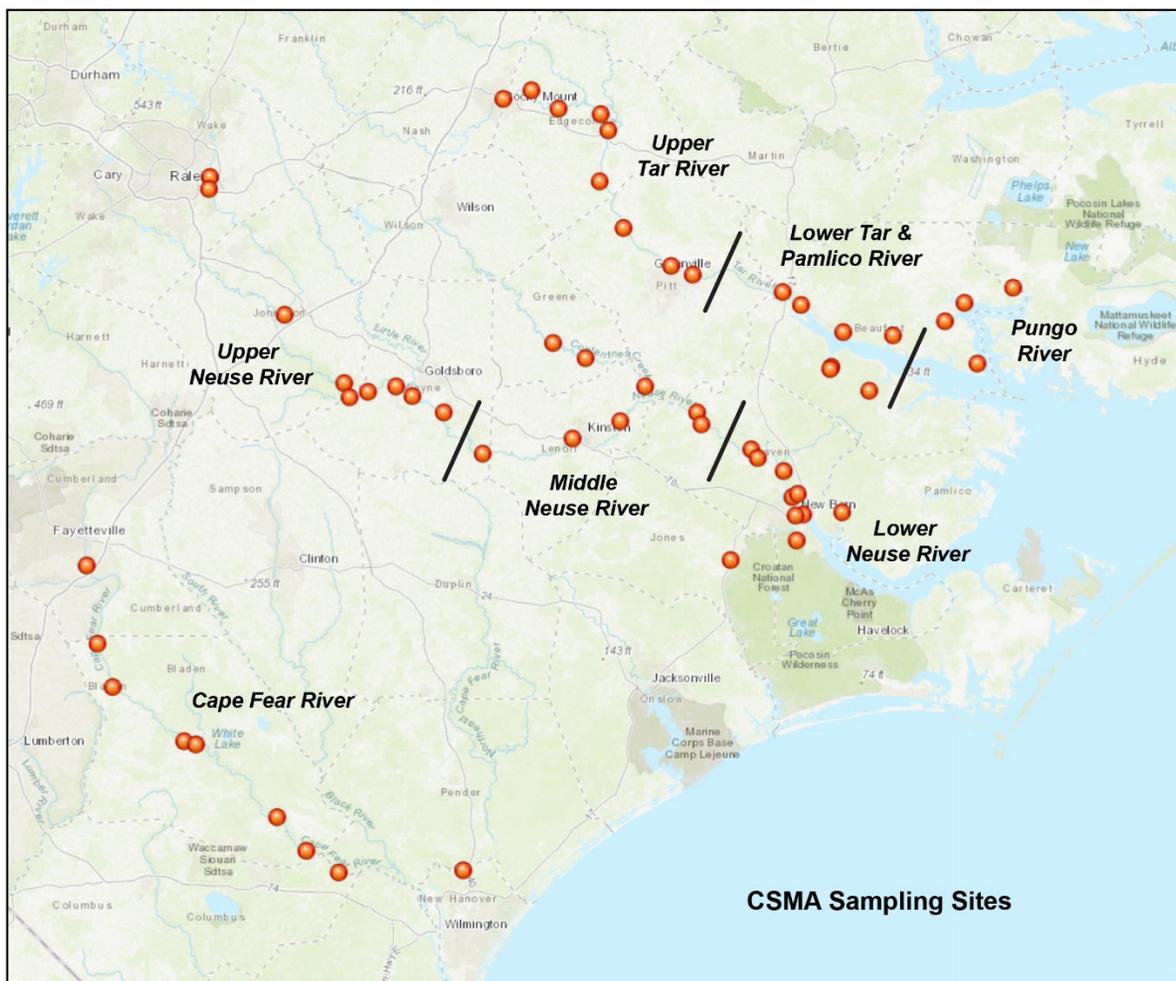
Table IV.13 Mean reported angler expenditures by river and expense type.

Year	Expenditure	River and Zone							CSMA Total
		Cape Fear	Upper Neuse	Middle Neuse	Lower Neuse	Upper Tar River	Lower Tar/Upper Pamlico	Pungo	
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
	Total	\$16.93	\$9.98	\$17.45	\$22.73	\$3.11	\$24.61	\$29.52	\$22.16
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
	Total	\$19.35	\$12.17	\$18.15	\$20.85	\$10.59	\$23.89	\$31.80	\$22.74
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
	Total	\$22.90	\$8.53	\$15.63	\$18.13	\$20.50	\$21.19	\$25.94	\$20.59
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
	Total	\$38.37	\$11.59	\$19.43	\$18.81	\$6.91	\$24.93	\$24.65	\$21.60
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
	Total	\$18.22	\$13.60	\$15.49	\$26.34	\$2.96	\$22.85	\$43.61	\$26.40
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
	Total	\$20.55	\$22.84	\$15.84	\$20.18	\$33.46	\$15.61	\$8.14	\$22.38
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
	Total	-	\$8.30	\$18.50	\$25.95	\$3.68	\$20.01	\$32.76	\$22.44
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
	Total	-	-	-	\$48.00	-	\$21.82	\$66.74	\$37.22
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

¹ Cape Fear data only sampled from March–May.

Table IV.13 Mean reported angler expenditures by river and expense type.

		River and Zone							
Year	Expenditure	Cape Fear	Upper Neuse	Middle Neuse	Lower Neuse	Upper Tar River	Lower Tar/Upper Pamlico	Pungo	CSMA Total
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



River Zones	
Upper Tar River	Upper Neuse River
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
Lower Tar & Pamlico River	Middle Neuse
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
Pungo River	Lower Neuse
Leechville	Cowpen Landing
Belhaven WRC	Spring Garden
CeeBee Marine	Cool Springs
Wrights Creek	Glenburnie
Cape Fear River	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

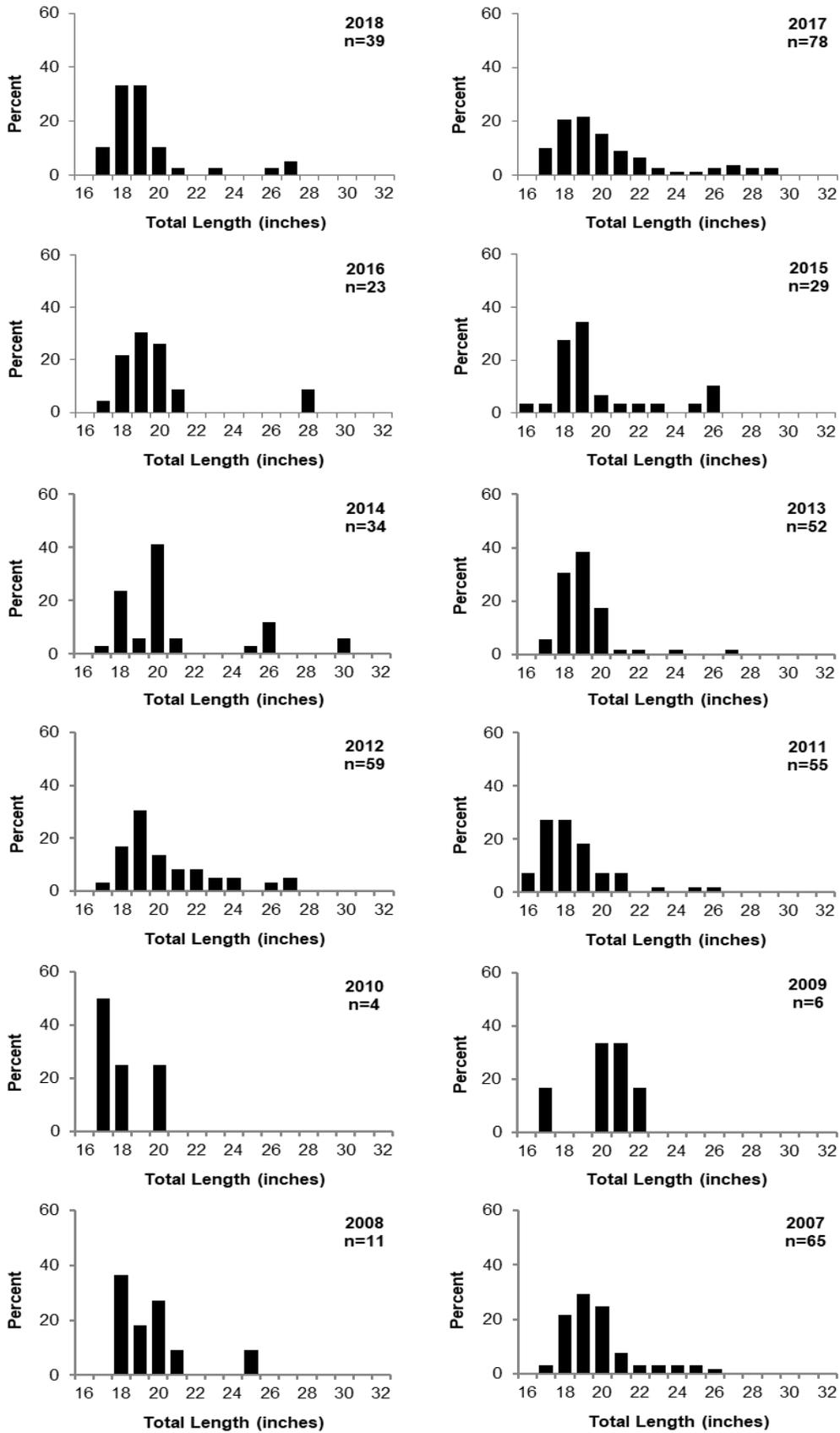


Figure IV.2 Length frequencies by percent of total observed Striped Bass from the Neuse River.

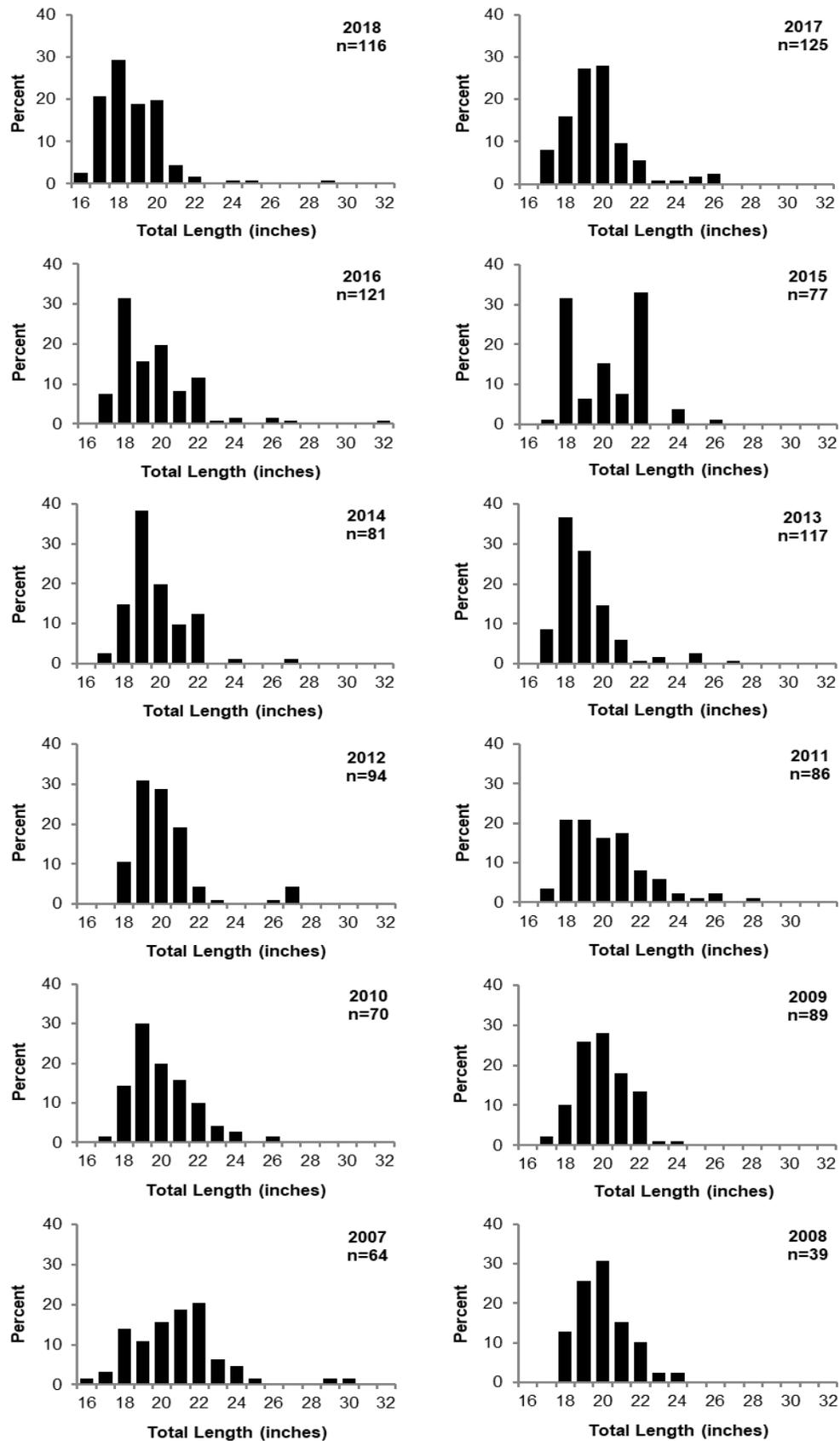


Figure IV.3 Length frequencies by percent of total observed Striped Bass from the Tar/Pamlico and Pungo rivers.

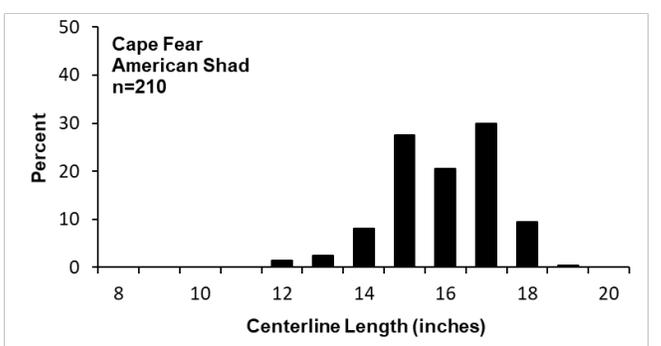
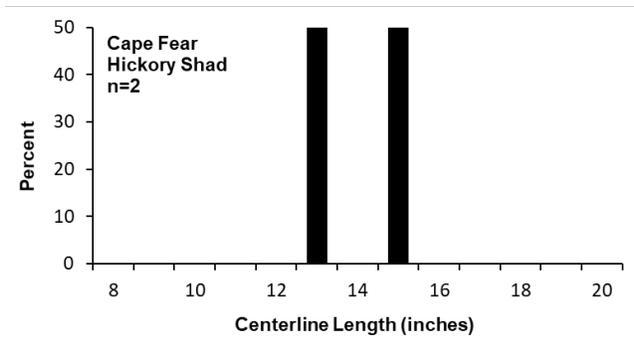
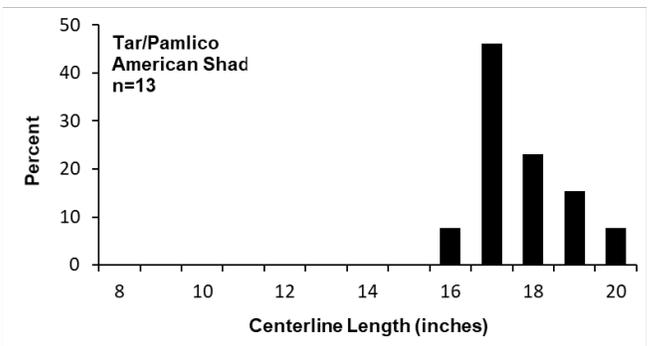
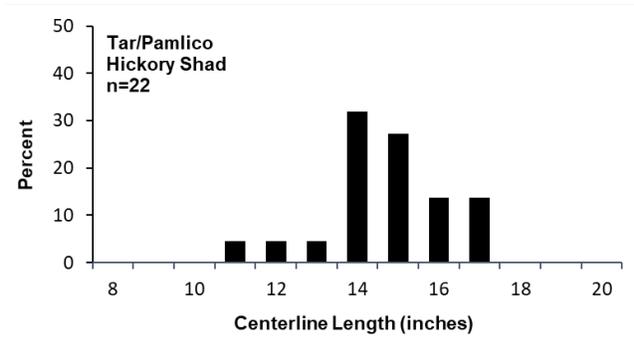
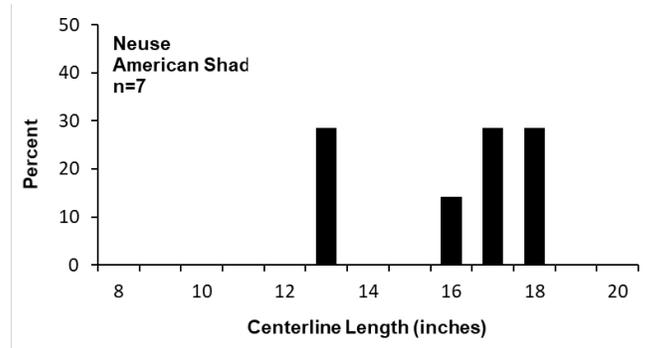
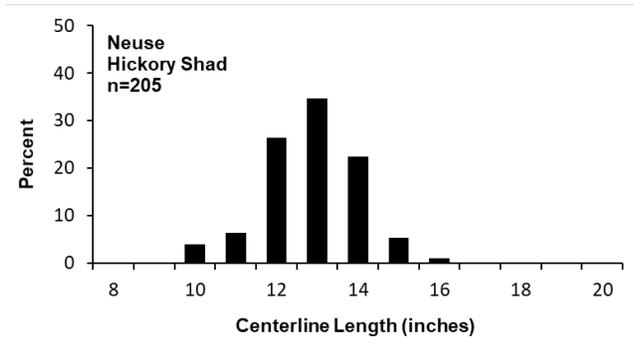


Figure IV.4 Length frequencies by percent of total observed American and Hickory Shad from the CSMA, 2018.

Appendix IV.2 CSMA creel survey socioeconomic questions.

CSMA Creel Socioeconomic Questions

- 1) How old were you on December 31, 2017? _____
- 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

2018 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.

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Table V.1 Response rates for recreational flounder giggering mail surveys by year.

Year	Survey Metric ¹	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
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

¹ Does not include deceased license holders or invalid addresses.

Table V.2 Recreational flounder giggering 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
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
	Total	10,139	18.4	23,243	31.4	525	46.8	23,767	30.8
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
	Total	13,524	13.8	24,136	19.8	655	66.1	24,790	19.6
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
	Total	20,179	26.3	42,677	33.1	3,736	73.4	46,413	31.5
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
	Total	16,660	9.9	28,712	11.9	2,356	27.9	31,068	12.1
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
	Total	20,946	10.0	42,306	13.6	2,715	28.8	45,022	13.3
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
	Total	25,818	11.3	54,419	13.9	2,759	33.1	57,178	13.8

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
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
	Total	21,946	12.9	46,338	17.5	2,674	48.8	49,013	17.7
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
	Total	25,666	15.4	51,954	18.4	9,726	46.5	61,680	19.5
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
	Total	10,782	12.0	18,079	12.6	3,051	19.9	21,131	12.2

Table V.3 Response rates for recreational cast net and seine mail surveys by year.

Year	Survey Metric ¹	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct ²	Nov/Dec	
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

¹ Does not include deceased license holders or invalid addresses.

² 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
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
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

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
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
2011	Sep/Oct ¹	-	-	-	-	-	-	-	-
	Nov/Dec	15,152	17.6	48,423	32.4	19,952	42.3	68,375	32.4

¹ 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
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	1,238,5	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	1,034,5	8.9
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

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
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 ¹	-	-	-	-	-	-	-	-
	Nov/Dec	16,007	17.4	74,461	24.7	31,210	36.1	105,671	24.9

¹ 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
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
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

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
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/Jun	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 ¹	-	-	-	-	-	-	-	-
	Nov/Dec	16,855	16.7	23,708	44.4	6855	67.3	30,563	44.7

¹ 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 ¹	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
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

¹ 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 ¹	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
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

¹ 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 ¹	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
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

¹ 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 ¹	Wave						Total
		Jan/Feb	Mar/Apr	May/June	Jul/Aug	Sep/Oct	Nov/Dec	
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

¹ 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
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
2013	Jan/Feb	824	63.5	3,142	100.0	682	72.5	3,824	89.6
	Mar/Apr	986	81.6	-	-	-	-	-	-
	May/June	830	37.0	17,426	48.8	5,861	48.2	23,288	47.2
	Jul/Aug	4,763	15.3	150,255	18.6	22,168	18.0	172,423	17.6
	Sep/Oct	745	27.5	19,087	39.9	5,408	45.1	24,495	37.8
	Nov/Dec	496	48.4	1,932	84.9	644	100.0	2,576	72.8
	Total	8,645	15.1	191,841	16.2	34,764	16.1	226,605	15.3

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
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 ¹	-	-	-	-	-	-	-	-
	Nov/Dec	781	36.4	26,765	38.2	1,974	49.9	28,739	37.9

¹ 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
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
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

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
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/Jun	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 ¹	-	-	-	-	-	-	-	-
	Nov/Dec	1,588	26.1	8,031	38.4	3,457	37.1	11,488	37.1

¹ Mail survey was implemented in October 2011; the Sept/Oct wave was incomplete.

Appendix V.1

Primary and secondary waterbodies.

North Carolina Waterbodies

Please list the major waterbody (in bold) you used from the following list.

Albemarle Sound

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

Bay River

Bonner Bay
Fishermen Bay
Rockhole Bay
Trent Creek
Vandermere Creek

Bogue Sound

Bogue Inlet
Broad Creek
Deer Creek
Gales Creek
Hoop Hole
Money Isle
Pelitier Creek
Spooners Creek
Tar Landing Bay
Turning Basin

Cape Fear River

Baldhead Creek
Brunswick River
Buzzards Bay
Cedar Creek
Dutchman Creek
Elizabeth River
First Bay
Northeast Cape River
Second Bay

Chowan River

Meherrin River

Core Sound

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

Croatan Sound

Manns Harbor

Currituck Sound

Above Narrows
Below Narrows
Coinjock Bay
Knotts Island Bay

Little River

Bonaparte Creek
Calabash Creek
Eastern Channel
Ocean Isle Canals

Lockwood Folly

Spring Branch

Masonboro Sound

Banks Channel
Carolina Beach Basin
Carolina Beach Inlet
Johns Creek
Mason Inlet
Masonboro Channel
Masonboro Inlet
Rich Inlet

Neuse River

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

New River

Chadwick Bay
Courthouse Bay
Farnell Bay
Morgan Bay
Stones Bay

Newport River

Calico Creek
Core Creek
Haystacks
S. of Core Creek Bridge
Taylor Creek
Town Creek

North River (Carteret)

Davis Bay

Goose Bay
Muddy Creek
North River Thorofare
The Straits
Ward Creek

Pasquotank River

Little Flatty Creek
Newbegun Creek

Pamlico River

Bath Creek
Blounts Bay
Blounts Creek
Broad Creek
Durham Creek
Goose Creek
North Creek
South Creek
St. Clairs Creek

Pamlico Sound

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

Pungo River

Fortescue Creek
Jordan Creek
Pantego Creek
Pungo Creek
Satterthwaite Creek
Slade Creek
Wrights Creek

Roanoke River

Broad Creek
Eastmost River
Middle River

Roanoke Sound

Broad Creek
Kitty Hawk Bay
Shallowbag Bay

Shalotte River

Gibbs Creek
Little Shalotte River

Stump Sound

Alligator Bay
Thomas Landing
Mill Creek

Topsail Sound

Virginia Creek
Topsail Creek
Elmore Inlet

White Oak River

If the waterbody that you used most often was the Intracoastal Waterway - please indicate the IWW and the County when filling out the survey form.

Intracoastal Waterway
Brunswick County

Intracoastal Waterway
Carteret County

Intracoastal Waterway
Craven County

Intracoastal Waterway
New Hanover County

Intracoastal Waterway
Onslow County

Intracoastal Waterway
Pender County

Atlantic Ocean
(north of Cape Hatteras)

Atlantic Ocean
(south of Cape Hatteras)

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**

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

BLUE CRABS		I did not go crabbing from (bi-monthly dates) <input type="checkbox"/>	
Trip Information		Catch Information for BLUE CRABS	
What is the average amount of time you spent <u>crabbing</u> per trip? (hours) _____		Total number kept	Total number thrown back
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> : _____			
<i>(REFER TO WATERBODY LIST ON THE BACK OF YOUR COVER LETTER)</i>			

CLAMS		I did not go clamming from (bi-monthly dates) <input type="checkbox"/>	
Trip Information		Catch Information for CLAMS	
What is the average amount of time you spent <u>clamming</u> per trip? (hours) _____		Total number kept	Total number thrown back
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> : _____			
<i>(REFER TO WATERBODY LIST ON THE BACK OF YOUR COVER LETTER)</i>			

Recreational Crab and Shellfish Harvesting Survey

OYSTERS	I did not go oystering from (bi-monthly dates) <input type="checkbox"/>
Trip Information	Catch Information for OYSTERS
What is the average amount of time you spent <u>oystering</u> per trip? (hours) _____	Total number of whole or half bushels kept (a 5 gallon bucket = about ½ bushel)
On a typical trip, how many people went <u>oystering</u> ? (yourself included) _____	What gears did you use for <u>oystering</u>? (Choose all that apply)
Total number of <u>oystering</u> trips made during this time period. _____	<input type="checkbox"/> Hand <input type="checkbox"/> Rake <input type="checkbox"/> Tongs <input type="checkbox"/> Other (please list): _____
What point of access did you typically use for <u>oystering</u> ? (Choose only one)	
<input type="radio"/> Beach/bank/shore <input type="radio"/> Public boat ramp (WRC or municipal facility): Ramp name _____ <input type="radio"/> Private boat ramp <input type="radio"/> Water access at residence <input type="radio"/> Marina/ramp: Ramp name _____	
North Carolina county most often fished for <u>oysters</u> : _____	
Waterbody most often fished for <u>oysters</u> : _____	
(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 impact. Output impacts represent the total economic output of industry production and business sales while income impacts reflect wages, salaries, and self-employment income. Output impacts and income impacts should not be added, as this would result in double counting. Job estimates represent both full-time and part-time employment positions. All economic impacts represent 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 (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 as 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 2013). Commercial landings data from the NCDMF Trip Ticket Program are used as the

primary input, as well as data from North Carolina commercial fishermen and seafood dealers collected during surveys that have been carried out by the NCDMF Fisheries Economics Program (Crosson 2007, 2009, 2010a; Hadley and Crosson 2010; Hadley and Wiegand 2014; Stemle and Wiegand 2017a, 2017b; 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 (i.e., inshore, offshore) and by mode (i.e., shore, for-hire, private/rental vessel, and man-made) that are derived from the 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, with a focus on gathering catch, effort, demographic, and economic information from anglers targeting anadromous species such as Striped Bass, American Shad, and Hickory Shad. This region, encompassing the Pamlico/Tar river basin, Neuse River, and Cape Fear River, is referred to as the Central Southern Management Area (CSMA) by NCDMF. The CSMA creel survey was originally designed to gather data on the recreational Striped Bass fisheries occurring in the region; however, American Shad and Hickory Shad were included in the survey estimates beginning in 2012. In 2013, the Cape Fear River was added to the list of coastal river systems for this survey.

To estimate the economic impacts of fishing activity occurring in these coastal river basins, IMPLAN software is used and input with total estimated angler trip expenditures that are calculated based on data collected from anglers in each river basin respectively 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 are broken down into overall mean expenses per angler hour. Mean trip expenditures are 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 are estimated, they are entered into the IMPLAN software under the appropriate sector to provide the estimated economic impacts generated by the recreational fishing activity examined. These impacts demonstrate large variability annually, which is 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, correlate 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

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Table VI.1 Top five commercial species ranked by ex-vessel value of landings.

Rank	2018		2017		2016	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Blue Crabs	\$19,655,182	Blue Crabs	\$22,208,374	Blue Crabs	\$24,114,262
2	Brown Shrimp	\$11,198,994	White Shrimp	\$20,628,755	White Shrimp	\$19,728,491
3	White Shrimp	\$8,571,111	Brown Shrimp	\$8,536,519	Brown Shrimp	\$8,386,288
4	Summer Flounder	\$6,893,316	Summer Flounder	\$6,315,997	Summer Flounder	\$8,238,710
5	Tunas	\$4,332,426	Southern Flounder	\$5,656,948	Oysters	\$4,059,849

Rank	2015		2014		2013	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Blue Crabs	\$33,927,114	Blue Crabs	\$34,027,520	Blue Crabs	\$30,006,447
2	Brown Shrimp	\$10,513,252	Brown Shrimp	\$10,326,997	White Shrimp	\$6,344,881
3	Summer Flounder	\$9,092,495	Summer Flounder	\$8,225,282	Brown Shrimp	\$6,021,373
4	White Shrimp	\$6,228,725	Southern Flounder	\$4,839,672	Southern Flounder	\$5,673,190
5	Hard Clams	\$5,038,973	Oysters	\$4,544,236	Oysters	\$3,353,126

Table VI.2 Top five commercial non-fish species ranked by ex-vessel value of landings.

Rank	2018		2017		2016	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Blue Crabs	\$19,655,182	Blue Crabs	\$22,208,374	Blue Crabs	\$24,114,262
2	Brown Shrimp	\$11,198,994	White Shrimp	\$20,628,755	White Shrimp	\$19,728,491
3	White Shrimp	\$8,571,111	Brown Shrimp	\$8,536,519	Brown Shrimp	\$8,386,288
4	Oysters	\$3,897,568	Oysters	\$5,590,559	Oysters	\$4,059,849
5	Hard Clams	\$1,628,664	Hard Clams	\$2,174,491	Hard Clams	\$2,578,120

Rank	2015		2014		2013	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Blue Crabs	\$33,927,114	Blue Crabs	\$34,027,520	Blue Crabs	\$30,006,447
2	Brown Shrimp	\$10,513,252	Brown Shrimp	\$10,326,997	White Shrimp	\$6,344,881
3	White Shrimp	\$6,228,725	Oysters	\$4,544,236	Brown Shrimp	\$6,021,373
4	Hard Clams	\$5,038,973	White Shrimp	\$3,483,015	Oysters	\$3,353,126
5	Oysters	\$3,911,399	Hard Clams	\$2,866,096	Hard Clams	\$2,295,366

Table VI.3 Top five commercial finfish species ranked by ex-vessel value of landings.

Rank	2018		2017		2016	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Summer Flounder	\$6,893,316	Summer Flounder	\$6,315,997	Summer Flounder	\$8,238,710
2	Tunas	\$4,332,426	Southern Flounder	\$5,656,948	Southern Flounder	\$3,618,196
3	Southern Flounder	\$3,822,575	Tunas	\$5,091,809	Tunas	\$3,220,820
4	Atlantic Croaker	\$1,631,494	Sea Basses	\$1,862,633	Atlantic Croaker	\$2,216,211
5	Sea Basses	\$1,518,224	Mackerel, Spanish	\$1,384,543	Sea Basses	\$1,346,245

Rank	2015		2014		2013	
	Species	Ex-Vessel Value	Species	Ex-Vessel Value	Species	Ex-Vessel Value
1	Summer Flounder	\$9,092,495	Summer Flounder	\$8,225,282	Southern Flounder	\$5,673,190
2	Southern Flounder	\$3,823,788	Southern Flounder	\$4,839,672	Tunas	\$3,226,483
3	Tunas	\$2,916,057	Tunas	\$3,647,436	Swordfish	\$2,935,940
4	Atlantic Croaker	\$1,646,350	Swordfish	\$2,109,549	Atlantic Croaker	\$1,723,578
5	Sea Basses	\$1,366,822	Atlantic Croaker	\$1,865,595	Striped Mullet	\$1,402,914

Table VI.4 Top five commercial gears ranked by ex-vessel value of landings.

Rank	2018		2017		2016	
	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value
1	Shrimp Trawl	\$19,463,592	Shrimp Trawl	\$28,606,820	Shrimp Trawl	\$27,247,747
2	Crab Pot	\$17,816,784	Crab Pot	\$18,259,177	Crab Pot	\$21,601,237
3	Flounder Trawl	\$7,988,145	Gill net (anchored)	\$9,256,629	Flounder Trawl	\$9,096,175
4	Gill net (anchored)	\$7,589,406	Flounder Trawl	\$7,681,131	Gill net (anchored)	\$8,681,481
5	Longline	\$4,481,054	Longline	\$5,404,330	Longline	\$4,975,314

Rank	2015		2014		2013	
	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value	Gear	Ex-Vessel Value
1	Crab Pot	\$30,438,526	Crab Pot	\$31,254,009	Crab Pot	\$28,075,766
2	Shrimp Trawl	\$16,216,651	Shrimp Trawl	\$13,815,472	Shrimp Trawl	\$12,001,423
3	Flounder Trawl	\$10,047,329	Gill net (anchored)	\$9,438,932	Gill net (anchored)	\$10,335,085
4	Gill net (anchored)	\$8,065,913	Flounder Trawl	\$9,016,925	Longline	\$6,414,836
5	Longline	\$4,715,705	Longline	\$6,706,582	Rod-N-Reel	\$3,134,644

Table VI.5 Top five North Carolina counties ranked by ex-vessel value of commercial landings.

Rank	2018		2017		2016	
	County	Ex-Vessel Value	County	Ex-Vessel Value	County	Ex-Vessel Value
1	Dare	\$19,274,023	Dare	\$23,682,665	Dare	\$21,280,666
2	Carteret	\$16,590,369	Carteret	\$20,655,575	Carteret	\$18,222,000
3	Hyde	\$10,815,091	Hyde	\$12,811,250	Hyde	\$12,860,060
4	Pamlico	\$8,051,828	Pamlico	\$9,836,132	Pamlico	\$10,561,218
5	Onslow	\$3,580,128	Onslow	\$5,792,909	Onslow	\$6,558,833

Rank	2015		2014		2013	
	County	Ex-Vessel Value	County	Ex-Vessel Value	County	Ex-Vessel Value
1	Dare	\$20,975,655	Dare	\$26,596,445	Dare	\$21,313,461
2	Carteret	\$18,305,211	Carteret	\$14,583,443	Carteret	\$11,662,006
3	Hyde	\$10,980,166	Hyde	\$10,352,880	Hyde	\$7,376,227
4	Pamlico	\$8,478,567	Pamlico	\$6,465,954	Camden	\$5,870,240
5	Onslow	\$6,019,544	Camden	\$6,087,926	Tyrrell	\$4,724,874

Table VI.6 Top five North Carolina ports ranked by ex-vessel value of commercial landings.

Rank	2018		2017		2016	
	Port	Ex-Vessel Value	Port	Ex-Vessel Value	Port	Ex-Vessel Value
1	Morehead City/Beaufort	\$13,043,235	Wanchese	\$16,253,044	Wanchese	\$14,724,932
2	Wanchese	\$12,085,504	Morehead City/Beaufort	\$15,951,459	Morehead City/Beaufort	\$14,486,751
3	Engelhard	\$5,821,504	Engelhard	\$7,611,885	Engelhard	\$7,505,492
4	Oriental	\$4,676,438	Sneads Ferry	\$4,796,742	Sneads Ferry	\$5,244,145
5	Swan Quarter	\$4,015,823	Oriental	\$4,647,158	Hobucken/Lowland	\$4,691,929

Rank	2015		2014		2013	
	Port	Ex-Vessel Value	Port	Ex-Vessel Value	Port	Ex-Vessel Value
1	Morehead City/Beaufort	\$14,187,831	Wanchese	\$17,012,857	Wanchese	\$13,391,895
2	Wanchese	\$13,325,513	Morehead City/Beaufort	\$10,721,496	Morehead City/Beaufort	\$7,397,030
3	Engelhard	\$6,710,760	Engelhard	\$6,750,471	Shiloh	\$5,870,240
4	Shiloh	\$5,343,108	Shiloh	\$6,079,732	Columbia	\$4,724,874
5	Columbia	\$4,922,453	Columbia	\$4,727,104	Engelhard	\$4,500,433

Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed.

Range of Ex-Vessel Value	2018		2017	
	Participants	Total Value	Participants	Total Value
\$1-\$499	446	\$91,842	470	\$98,587
\$500-\$999	217	\$157,254	227	\$166,251
\$1,000-\$4,999	577	\$1,511,006	649	\$1,694,390
\$5,000-\$9,999	312	\$2,230,003	337	\$2,469,292
\$10,000-\$24,999	403	\$6,651,305	474	\$7,741,548
\$25,000-\$49,999	235	\$8,325,436	294	\$10,522,845
\$50,000-\$99,999	259	\$18,341,134	247	\$18,008,827
\$100,000-\$249,999	154	\$22,789,202	178	\$26,559,273
\$250,000-\$499,999	44	\$14,943,684	52	\$17,628,847
Over \$500,000	4	\$2,859,715	17	\$11,703,358
Total	2,651	\$77,900,580	2,945	\$96,593,218

Range of Ex-Vessel Value	2016		2015	
	Participants	Total Value	Participants	Total Value
\$1-\$499	475	\$102,130	528	\$113,804
\$500-\$999	221	\$158,206	279	\$202,711
\$1,000-\$4,999	664	\$1,722,395	701	\$1,782,328
\$5,000-\$9,999	363	\$2,605,049	326	\$2,368,502
\$10,000-\$24,999	457	\$7,293,394	462	\$7,627,853
\$25,000-\$49,999	316	\$11,212,237	314	\$11,150,863
\$50,000-\$99,999	232	\$16,829,546	255	\$17,743,811
\$100,000-\$249,999	191	\$28,511,765	217	\$32,346,219
\$250,000-\$499,999	39	\$13,409,334	42	\$13,419,995
Over \$500,000	16	\$12,281,260	12	\$7,966,309
Total	2,974	\$94,125,316	3,136	\$94,722,394

Range of Ex-Vessel Value	2014		2013	
	Participants	Total Value	Participants	Total Value
\$1-\$499	601	\$122,308	603	\$122,802
\$500-\$999	242	\$174,569	266	\$192,033
\$1,000-\$4,999	732	\$1,859,711	710	\$1,846,711
\$5,000-\$9,999	351	\$2,555,380	364	\$2,621,547
\$10,000-\$24,999	439	\$7,204,381	437	\$7,171,606
\$25,000-\$49,999	308	\$10,999,495	337	\$11,884,546
\$50,000-\$99,999	240	\$17,372,562	229	\$16,368,845
\$100,000-\$249,999	204	\$30,555,946	167	\$25,479,283
\$250,000-\$499,999	46	\$15,461,200	35	\$10,975,611
Over \$500,000	11	\$7,804,722	3	\$2,440,694
Total	3,174	\$94,110,276	3,151	\$79,103,678

Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).

Range of Ex-Vessel Value	2012		2011	
	Participants	Total Value	Participants	Total Value
\$1-\$499	667	\$134,924	716	\$145,068
\$500-\$999	244	\$180,865	261	\$189,378
\$1,000-\$4,999	760	\$1,927,886	761	\$1,955,307
\$5,000-\$9,999	370	\$2,673,233	344	\$2,419,812
\$10,000-\$24,999	430	\$6,995,966	465	\$7,448,284
\$25,000-\$49,999	293	\$10,533,749	290	\$10,215,529
\$50,000-\$99,999	220	\$15,220,473	238	\$17,033,726
\$100,000-\$249,999	149	\$21,646,334	140	\$20,797,393
\$250,000-\$499,999	31	\$9,770,831	26	\$9,078,159
Over \$500,000	5	\$3,486,833	3	\$1,901,352
Total	3,169	\$72,571,092	3,244	\$71,184,008

Range of Ex-Vessel Value	2010		2009	
	Participants	Total Value	Participants	Total Value
\$1-\$499	856	\$168,504	894	\$168,722
\$500-\$999	309	\$226,453	343	\$250,123
\$1,000-\$4,999	768	\$1,971,177	857	\$2,212,871
\$5,000-\$9,999	396	\$2,770,755	414	\$2,971,334
\$10,000-\$24,999	475	\$7,700,522	524	\$8,463,003
\$25,000-\$49,999	323	\$11,515,814	308	\$10,859,566
\$50,000-\$99,999	281	\$20,354,586	224	\$15,970,554
\$100,000-\$249,999	160	\$23,083,296	162	\$23,425,162
\$250,000-\$499,999	25	\$8,490,881	23	\$7,430,468
Over \$500,000	5	\$3,584,743	7	\$5,444,176
Total	3,598	\$79,866,731	3,756	\$77,195,980

Range of Ex-Vessel Value	2008		2007	
	Participants	Total Value	Participants	Total Value
\$1-\$499	882	\$165,305	866	\$167,992
\$500-\$999	316	\$228,299	311	\$223,218
\$1,000-\$4,999	834	\$2,126,719	912	\$2,246,134
\$5,000-\$9,999	355	\$2,559,749	381	\$2,723,610
\$10,000-\$24,999	495	\$7,901,800	509	\$8,097,533
\$25,000-\$49,999	321	\$11,462,775	337	\$11,855,081
\$50,000-\$99,999	240	\$17,103,112	225	\$16,014,561
\$100,000-\$249,999	187	\$29,339,527	158	\$23,632,671
\$250,000-\$499,999	26	\$8,841,946	36	\$12,257,611
Over \$500,000	9	\$7,080,472	7	\$5,065,131
Total	3,665	\$86,809,702	3,742	\$82,283,541

Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).

Range of Ex-Vessel Value	2006		2005	
	Participants	Total Value	Participants	Total Value
\$1-\$499	777	\$154,178	843	\$177,113
\$500-\$999	329	\$235,511	361	\$265,659
\$1,000-\$4,999	883	\$2,218,727	977	\$2,519,273
\$5,000-\$9,999	402	\$2,848,520	454	\$3,267,530
\$10,000-\$24,999	542	\$8,997,385	582	\$9,512,983
\$25,000-\$49,999	329	\$11,733,036	348	\$12,084,313
\$50,000-\$99,999	196	\$13,688,760	215	\$14,809,717
\$100,000-\$249,999	113	\$16,218,470	93	\$13,421,323
\$250,000-\$499,999	29	\$9,332,685	16	\$4,993,553
Over \$500,000	7	\$4,658,049	5	\$3,836,941
Total	3,607	\$70,085,319	3,894	\$64,888,407

Range of Ex-Vessel Value	2004		2003	
	Participants	Total Value	Participants	Total Value
\$1-\$499	919	\$176,687	1,021	\$189,284
\$500-\$999	353	\$255,791	369	\$264,132
\$1,000-\$4,999	1,004	\$2,575,185	922	\$2,334,153
\$5,000-\$9,999	468	\$3,301,378	456	\$3,319,208
\$10,000-\$24,999	708	\$11,496,057	677	\$11,112,276
\$25,000-\$49,999	424	\$14,840,589	412	\$14,764,643
\$50,000-\$99,999	253	\$17,008,833	327	\$22,330,859
\$100,000-\$249,999	106	\$15,818,767	154	\$22,757,594
\$250,000-\$499,999	20	\$6,526,428	12	\$3,928,698
Over \$500,000	7	\$7,705,359	5	\$6,111,985
Total	4,262	\$79,705,074	4,355	\$87,112,832

Range of Ex-Vessel Value	2002		2001	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,121	\$211,613	1,242	\$234,705
\$500-\$999	387	\$279,267	444	\$322,809
\$1,000-\$4,999	1,045	\$2,644,370	1,140	\$2,903,186
\$5,000-\$9,999	483	\$3,458,955	559	\$4,081,069
\$10,000-\$24,999	689	\$10,918,511	726	\$11,801,269
\$25,000-\$49,999	444	\$15,953,833	508	\$17,971,177
\$50,000-\$99,999	338	\$23,561,411	312	\$21,704,646
\$100,000-\$249,999	160	\$23,278,020	133	\$18,705,764
\$250,000-\$499,999	22	\$6,837,287	12	\$3,958,968
Over \$500,000	5	\$7,604,274	5	\$6,459,596
Total	4,694	\$94,747,541	5,081	\$88,143,189

Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).

Range of Ex-Vessel Value	2000		1999	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,157	\$219,789	1,194	\$221,972
\$500-\$999	419	\$301,087	412	\$302,438
\$1,000-\$4,999	1,055	\$2,697,402	1,035	\$2,582,818
\$5,000-\$9,999	522	\$3,774,304	481	\$3,478,269
\$10,000-\$24,999	726	\$11,971,734	749	\$12,375,469
\$25,000-\$49,999	570	\$20,021,647	523	\$18,535,309
\$50,000-\$99,999	358	\$24,761,992	289	\$19,815,376
\$100,000-\$249,999	189	\$26,971,373	133	\$18,427,867
\$250,000-\$499,999	29	\$9,203,909	16	\$5,306,893
Over \$500,000	8	\$8,391,575	4	\$18,634,619
Total	5,033	\$108,314,811	4,836	\$99,681,030

Range of Ex-Vessel Value	1998		1997	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,042	\$205,653	1,208	\$225,438
\$500-\$999	405	\$289,624	414	\$299,703
\$1,000-\$4,999	993	\$2,562,963	1,115	\$2,876,900
\$5,000-\$9,999	490	\$3,569,211	548	\$3,997,239
\$10,000-\$24,999	738	\$12,368,272	856	\$14,128,405
\$25,000-\$49,999	524	\$18,980,608	576	\$20,603,700
\$50,000-\$99,999	347	\$23,763,125	305	\$20,720,739
\$100,000-\$249,999	138	\$18,962,973	118	\$16,741,568
\$250,000-\$499,999	8	\$2,672,040	14	\$4,418,969
Over \$500,000	3	\$17,644,065	6	\$24,975,456
Total	4,688	\$101,018,535	5,160	\$108,988,117

Range of Ex-Vessel Value	1996		1995	
	Participants	Total Value	Participants	Total Value
\$1-\$499	1,208	\$227,526	1,258	\$246,059
\$500-\$999	407	\$296,571	440	\$326,253
\$1,000-\$4,999	1,143	\$2,874,042	1,259	\$3,252,153
\$5,000-\$9,999	590	\$4,338,108	624	\$4,619,347
\$10,000-\$24,999	829	\$13,736,283	877	\$14,378,084
\$25,000-\$49,999	564	\$19,815,555	542	\$19,472,751
\$50,000-\$99,999	335	\$23,189,379	337	\$23,271,907
\$100,000-\$249,999	116	\$16,547,993	133	\$18,905,145
\$250,000-\$499,999	10	\$2,975,607	17	\$5,803,214
Over \$500,000	5	\$21,532,505	7	\$19,092,981
Total	5,207	\$105,533,568	5,494	\$109,367,894

Table VI.7 Number of commercial fishing participants by range of ex-vessel value of seafood landed (continued).

Range of Ex-Vessel Value	1994	
	Participants	Total Value
\$1-\$499	1,346	\$254,460
\$500-\$999	445	\$323,517
\$1,000-\$4,999	1,322	\$3,341,972
\$5,000-\$9,999	635	\$4,608,624
\$10,000-\$24,999	784	\$12,684,774
\$25,000-\$49,999	443	\$15,273,291
\$50,000-\$99,999	244	\$16,998,346
\$100,000-\$249,999	75	\$10,354,865
\$250,000-\$499,999	16	\$4,776,628
Over \$500,000	7	\$22,659,401
Total	5,317	\$91,275,877

Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood.

Range of Ex-Vessel Value	2018		2017	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	53	\$13,149	40	\$8,196
\$500-\$999	27	\$20,289	24	\$17,061
\$1,000-\$4,999	123	\$334,630	106	\$274,775
\$5,000-\$9,999	79	\$584,979	60	\$438,442
\$10,000-\$24,999	85	\$1,355,781	103	\$1,688,482
\$25,000-\$49,999	36	\$1,345,204	43	\$1,555,034
\$50,000-\$99,999	39	\$2,745,760	42	\$2,985,671
\$100,000-\$249,999	45	\$7,189,470	44	\$6,967,251
\$250,000-\$499,999	24	\$8,388,769	27	\$9,630,404
\$500,000-\$999,999	17	\$11,850,125	20	\$14,464,953
Over \$1,000,000	19	\$44,072,424	23	\$58,562,948
Total	547	\$77,900,580	532	\$96,593,218

Range of Ex-Vessel Value	2016		2015	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	54	\$12,224	53	\$11,104
\$500-\$999	26	\$18,847	44	\$32,034
\$1,000-\$4,999	110	\$291,137	114	\$291,595
\$5,000-\$9,999	72	\$507,803	69	\$490,788
\$10,000-\$24,999	103	\$1,703,171	101	\$1,633,264
\$25,000-\$49,999	62	\$2,283,578	64	\$2,163,205
\$50,000-\$99,999	36	\$2,554,458	48	\$3,169,827
\$100,000-\$249,999	47	\$7,245,656	49	\$7,950,300
\$250,000-\$499,999	23	\$8,442,666	22	\$7,849,595
\$500,000-\$999,999	22	\$15,873,692	23	\$16,071,128
Over \$1,000,000	20	\$55,192,083	23	\$55,059,553
Total	575	\$94,125,316	610	\$94,722,394

Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).

Range of Ex-Vessel Value	2014		2013	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	65	\$11,755	62	\$12,864
\$500-\$999	45	\$32,562	42	\$31,582
\$1,000-\$4,999	124	\$324,035	140	\$377,346
\$5,000-\$9,999	68	\$506,777	68	\$496,801
\$10,000-\$24,999	94	\$1,528,615	103	\$1,693,114
\$25,000-\$49,999	60	\$2,221,634	56	\$2,040,555
\$50,000-\$99,999	40	\$2,928,728	26	\$1,893,795
\$100,000-\$249,999	39	\$6,252,184	53	\$9,119,956
\$250,000-\$499,999	29	\$10,007,367	24	\$8,596,165
\$500,000-\$999,999	18	\$13,021,607	18	\$12,687,877
Over \$1,000,000	24	\$57,275,012	20	\$42,153,622
Total	606	\$94,110,276	612	\$79,103,678

Range of Ex-Vessel Value	2012		2011	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	65	\$16,186	84	\$20,508
\$500-\$999	50	\$36,539	36	\$27,660
\$1,000-\$4,999	135	\$339,651	154	\$386,944
\$5,000-\$9,999	86	\$624,914	79	\$577,880
\$10,000-\$24,999	108	\$1,777,895	104	\$1,703,113
\$25,000-\$49,999	46	\$1,579,102	49	\$1,633,912
\$50,000-\$99,999	35	\$2,625,885	36	\$2,561,811
\$100,000-\$249,999	44	\$7,597,981	36	\$5,530,747
\$250,000-\$499,999	25	\$9,222,944	25	\$8,958,433
\$500,000-\$999,999	18	\$12,885,904	21	\$14,533,737
Over \$1,000,000	17	\$35,864,089	18	\$35,249,265
Total	629	\$72,571,092	642	\$71,184,008

Range of Ex-Vessel Value	2010		2009	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	83	\$18,058	82	\$18,276
\$500-\$999	41	\$30,342	51	\$36,571
\$1,000-\$4,999	141	\$366,850	168	\$411,392
\$5,000-\$9,999	84	\$627,673	84	\$628,715
\$10,000-\$24,999	106	\$1,707,961	95	\$1,505,021
\$25,000-\$49,999	55	\$1,961,107	50	\$1,738,346
\$50,000-\$99,999	44	\$3,037,290	37	\$2,660,711
\$100,000-\$249,999	36	\$5,487,224	46	\$7,864,114
\$250,000-\$499,999	31	\$11,133,355	34	\$12,404,263
\$500,000-\$999,999	25	\$17,348,494	16	\$10,667,814
Over \$1,000,000	17	\$38,148,378	20	\$39,260,757
Total	663	\$79,866,731	683	\$77,195,980

Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).

Range of Ex-Vessel Value	2008		2007	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	67	\$14,614	63	\$14,338
\$500-\$999	39	\$29,073	48	\$34,759
\$1,000-\$4,999	144	\$383,600	123	\$309,363
\$5,000-\$9,999	61	\$432,423	68	\$492,135
\$10,000-\$24,999	98	\$1,589,894	95	\$1,560,621
\$25,000-\$49,999	44	\$1,590,093	52	\$1,868,251
\$50,000-\$99,999	36	\$2,561,874	42	\$2,862,363
\$100,000-\$249,999	45	\$7,203,828	42	\$6,830,952
\$250,000-\$499,999	29	\$10,495,107	30	\$10,937,353
\$500,000-\$999,999	26	\$18,524,021	24	\$15,421,256
Over \$1,000,000	20	\$43,985,176	19	\$41,952,149
Total	609	\$86,809,702	606	\$82,283,541

Range of Ex-Vessel Value	2006		2005	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	54	\$11,992	74	\$17,215
\$500-\$999	46	\$34,228	47	\$34,752
\$1,000-\$4,999	126	\$334,759	136	\$342,364
\$5,000-\$9,999	60	\$409,937	77	\$568,141
\$10,000-\$24,999	107	\$1,769,478	90	\$1,466,394
\$25,000-\$49,999	65	\$2,352,645	55	\$1,871,706
\$50,000-\$99,999	42	\$2,984,499	51	\$3,459,194
\$100,000-\$249,999	33	\$5,489,874	40	\$6,904,704
\$250,000-\$499,999	36	\$12,365,749	36	\$12,135,554
\$500,000-\$999,999	20	\$13,191,023	23	\$16,345,574
Over \$1,000,000	14	\$31,141,134	11	\$21,742,810
Total	603	\$70,085,319	640	\$64,888,407

Range of Ex-Vessel Value	2004		2003	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	83	\$18,051	74	\$15,760
\$500-\$999	36	\$26,008	37	\$27,208
\$1,000-\$4,999	160	\$426,929	155	\$399,175
\$5,000-\$9,999	76	\$554,507	94	\$707,812
\$10,000-\$24,999	115	\$1,866,119	94	\$1,547,430
\$25,000-\$49,999	57	\$1,983,520	72	\$2,525,650
\$50,000-\$99,999	44	\$2,989,955	49	\$3,640,869
\$100,000-\$249,999	51	\$8,780,408	60	\$9,950,339
\$250,000-\$499,999	41	\$14,335,665	31	\$10,595,848
\$500,000-\$999,999	23	\$16,025,280	32	\$22,723,602
Over \$1,000,000	15	\$32,698,633	18	\$34,979,137
Total	701	\$79,705,074	716	\$87,112,832

Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).

Range of Ex-Vessel Value	2002		2001	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	81	\$16,810	86	\$18,277
\$500-\$999	49	\$36,215	48	\$36,258
\$1,000-\$4,999	164	\$416,709	143	\$326,253
\$5,000-\$9,999	84	\$597,629	82	\$601,736
\$10,000-\$24,999	89	\$1,460,870	85	\$1,466,458
\$25,000-\$49,999	77	\$2,720,825	72	\$2,502,610
\$50,000-\$99,999	41	\$2,845,825	42	\$2,898,177
\$100,000-\$249,999	49	\$7,748,864	56	\$9,218,425
\$250,000-\$499,999	35	\$12,403,209	44	\$15,013,526
\$500,000-\$999,999	36	\$24,161,971	28	\$20,176,085
Over \$1,000,000	21	\$42,338,613	20	\$35,885,384
Total	726	\$94,747,541	706	\$88,143,189

Range of Ex-Vessel Value	2000		1999	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	71	\$17,377	94	\$21,477
\$500-\$999	52	\$38,983	43	\$31,480
\$1,000-\$4,999	130	\$332,049	151	\$394,619
\$5,000-\$9,999	86	\$616,049	91	\$667,243
\$10,000-\$24,999	87	\$1,385,585	85	\$1,442,144
\$25,000-\$49,999	61	\$2,190,950	71	\$2,570,883
\$50,000-\$99,999	50	\$3,430,948	54	\$3,899,416
\$100,000-\$249,999	66	\$11,105,969	62	\$9,849,972
\$250,000-\$499,999	28	\$10,073,021	48	\$17,356,410
\$500,000-\$999,999	38	\$26,037,241	39	\$27,072,058
Over \$1,000,000	28	\$53,086,638	22	\$36,375,327
Total	697	\$108,314,811	760	\$99,681,030

Range of Ex-Vessel Value	1998		1997	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	93	\$18,281	73	\$15,316
\$500-\$999	47	\$35,556	39	\$28,463
\$1,000-\$4,999	154	\$401,895	145	\$376,363
\$5,000-\$9,999	64	\$461,241	75	\$552,589
\$10,000-\$24,999	95	\$1,620,619	88	\$1,476,779
\$25,000-\$49,999	61	\$2,191,822	72	\$2,474,940
\$50,000-\$99,999	59	\$4,154,979	55	\$3,935,810
\$100,000-\$249,999	56	\$9,064,737	48	\$7,598,762
\$250,000-\$499,999	48	\$17,512,993	50	\$18,194,258
\$500,000-\$999,999	34	\$24,710,336	36	\$24,425,559
Over \$1,000,000	26	\$40,846,077	27	\$49,909,279
Total	737	\$101,018,535	708	\$108,988,117

Table VI.8 Number of commercial seafood dealers by range of ex-vessel value of seafood (continued).

Range of Ex-Vessel Value	1996		1995	
	Dealers	Total Value	Dealers	Total Value
\$1-\$499	82	\$16,595	112	\$21,974
\$500-\$999	49	\$36,150	42	\$30,196
\$1,000-\$4,999	151	\$409,797	157	\$435,433
\$5,000-\$9,999	72	\$503,063	73	\$521,146
\$10,000-\$24,999	95	\$1,489,305	61	\$1,000,150
\$25,000-\$49,999	60	\$2,161,251	65	\$2,258,478
\$50,000-\$99,999	46	\$3,228,174	43	\$3,033,036
\$100,000-\$249,999	55	\$9,111,449	59	\$10,048,164
\$250,000-\$499,999	37	\$13,773,845	42	\$15,213,635
\$500,000-\$999,999	36	\$26,776,575	37	\$27,826,773
Over \$1,000,000	30	\$48,027,364	26	\$48,978,910
Total	713	\$105,533,568	717	\$109,367,894

Range of Ex-Vessel Value	1994	
	Dealers	Total Value
\$1-\$499	89	\$18,397
\$500-\$999	50	\$35,522
\$1,000-\$4,999	137	\$330,770
\$5,000-\$9,999	53	\$385,533
\$10,000-\$24,999	49	\$837,156
\$25,000-\$49,999	44	\$1,471,274
\$50,000-\$99,999	36	\$2,459,653
\$100,000-\$249,999	57	\$9,333,833
\$250,000-\$499,999	45	\$16,431,142
\$500,000-\$999,999	30	\$21,127,090
Over \$1,000,000	23	\$38,845,508
Total	613	\$91,275,877

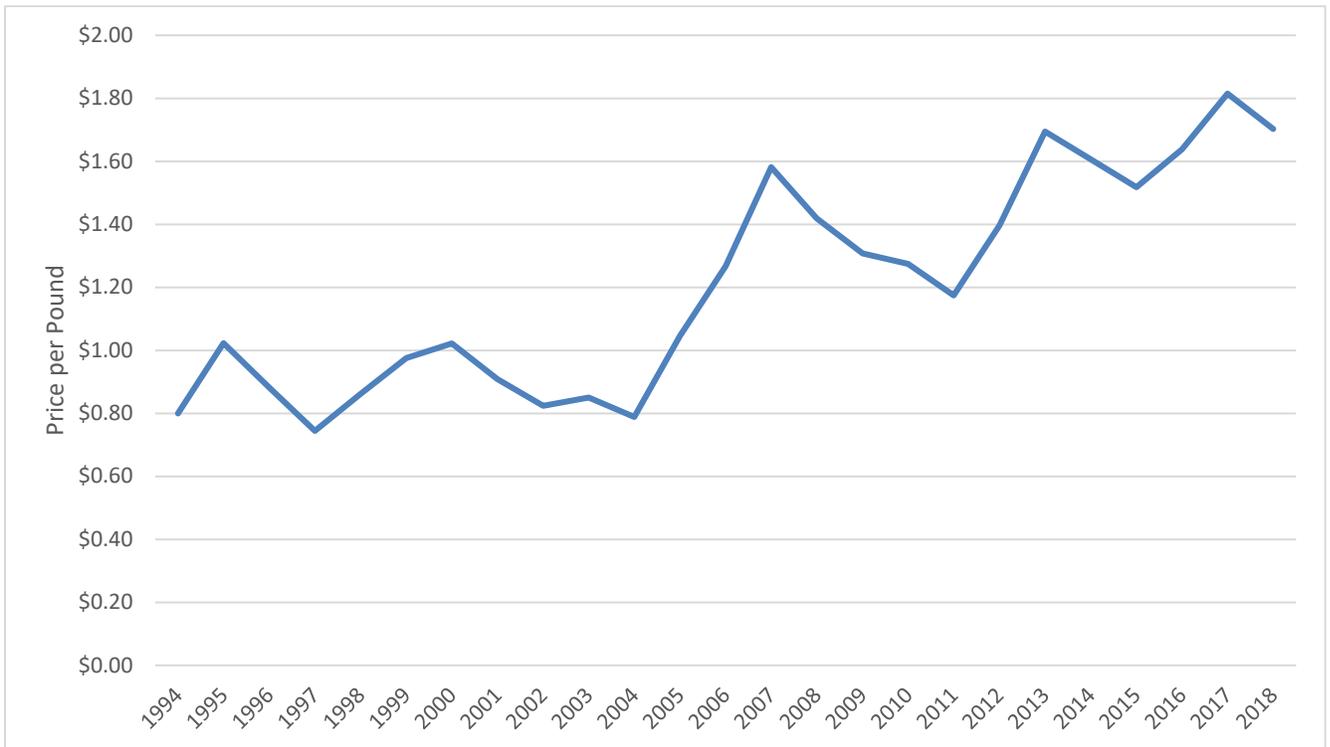
Table VI.9 Economic impacts of commercial fishing in North Carolina over last 10 years, 2009-2018.

Year	Commercial Fishing Output ¹				Economic Impacts ²		
	Commercial Fishermen	Dealers	Pounds	Ex-Vessel Value	Estimated Jobs ³	Income Impacts (thousands of dollars)	Sales Impacts (thousands of dollars)
2018	2,651	547	45,767,295	\$77,900,580	7,203	\$136,238	\$305,592
2017	2,944	532	54,395,371	\$96,593,218	7,827	\$162,214	\$367,532
2016	2,973	575	59,977,081	\$94,125,316	7,753	\$161,118	\$358,105
2015	3,134	610	65,947,432	\$94,722,394	8,212	\$158,942	\$363,851
2014	3,174	606	61,975,412	\$94,110,276	8,200	\$154,130	\$354,148
2013	3,151	612	50,197,234	\$79,103,678	7,382	\$131,086	\$300,979
2012	3,169	629	56,690,935	\$72,571,092	7,026	\$123,091	\$282,242
2011	3,243	642	67,502,014	\$71,184,008	7,012	\$121,135	\$278,030
2010	3,598	663	75,001,861	\$79,866,731	7,872	\$139,383	\$319,511
2009	3,757	683	68,963,323	\$77,195,980	7,851	\$138,579	\$316,938

¹ As reported by the NCDMF Trip Ticket Program

² 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.

³ Represents both full-time and part-time jobs



¹ Annual prices converted to 2018 dollars using Federal Reserve Bank of Minneapolis Consumer Price Index value.

Figure VI.1 Average price¹ per pound of annual commercial landings, converted to 2018 dollars.

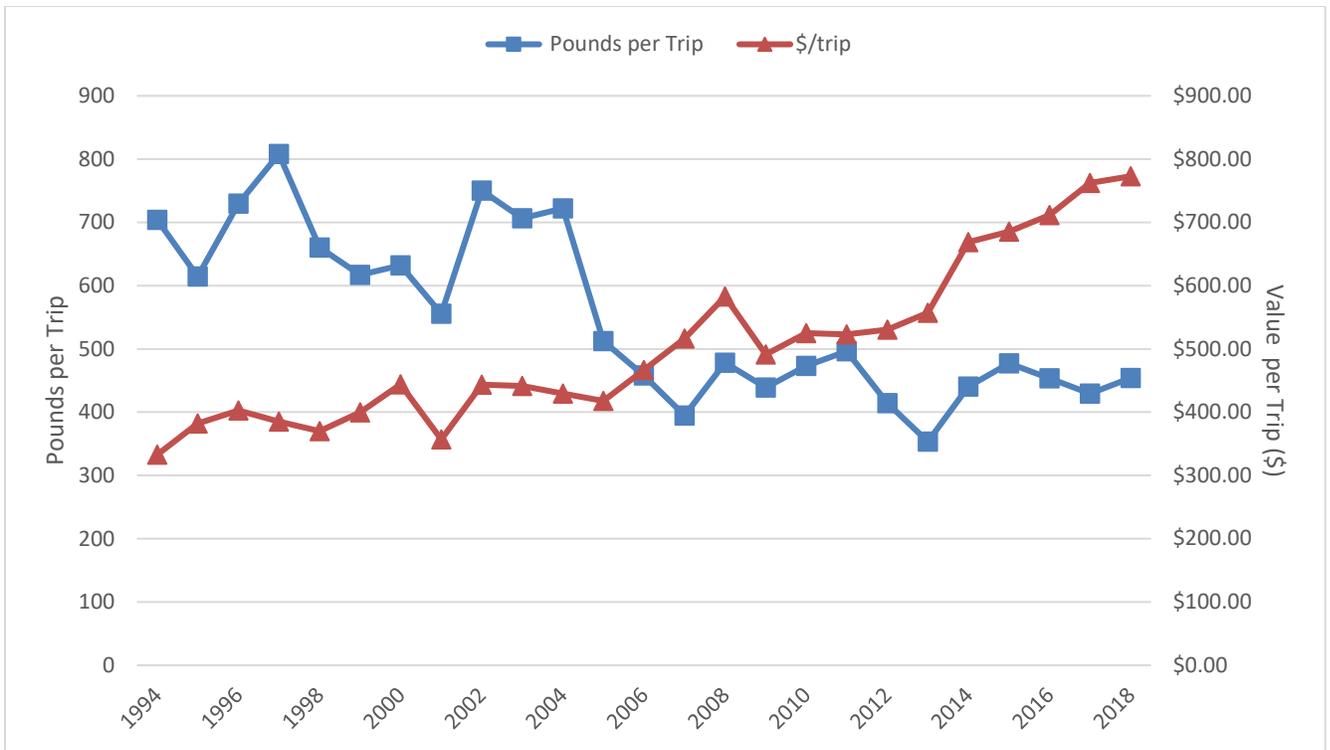


Figure VI.2 Commercial landings and ex-vessel value per fishing trip by year, 1994–2018.

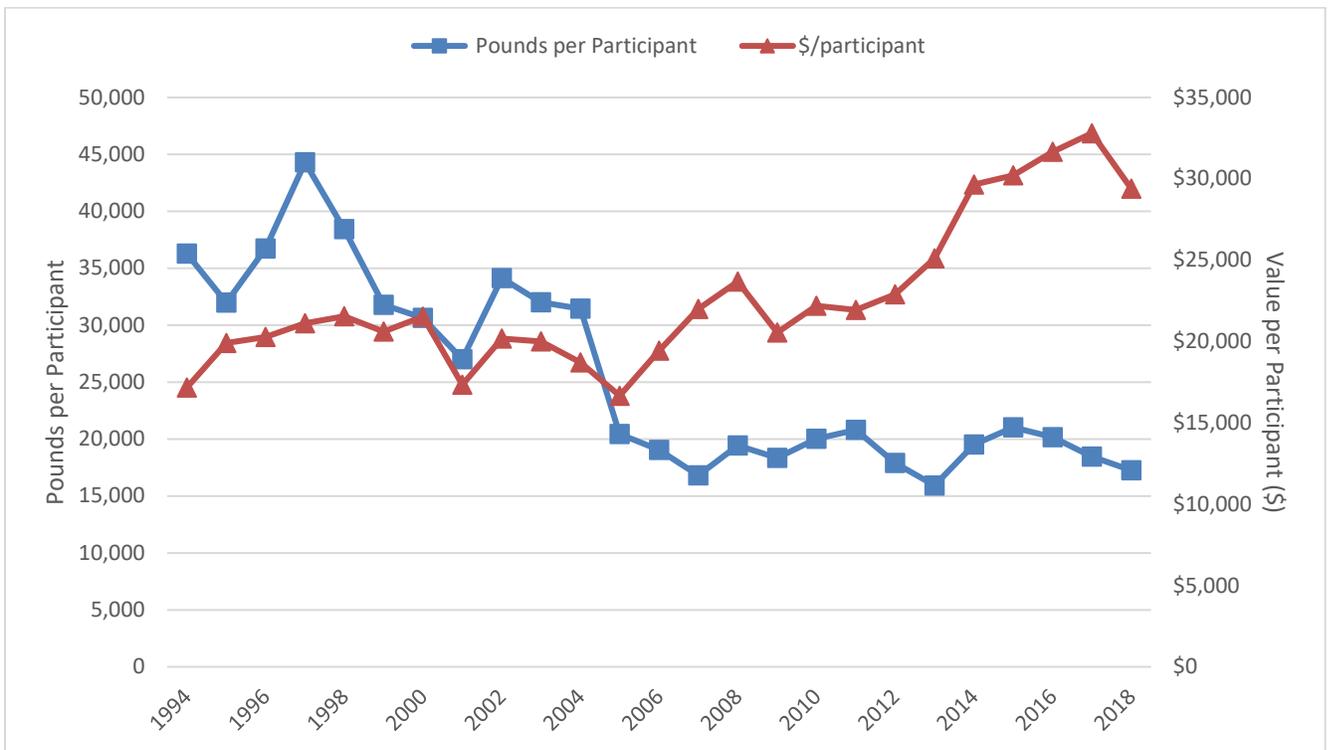


Figure VI.3 Commercial landings and ex-vessel value per participant by year, 1994–2018.

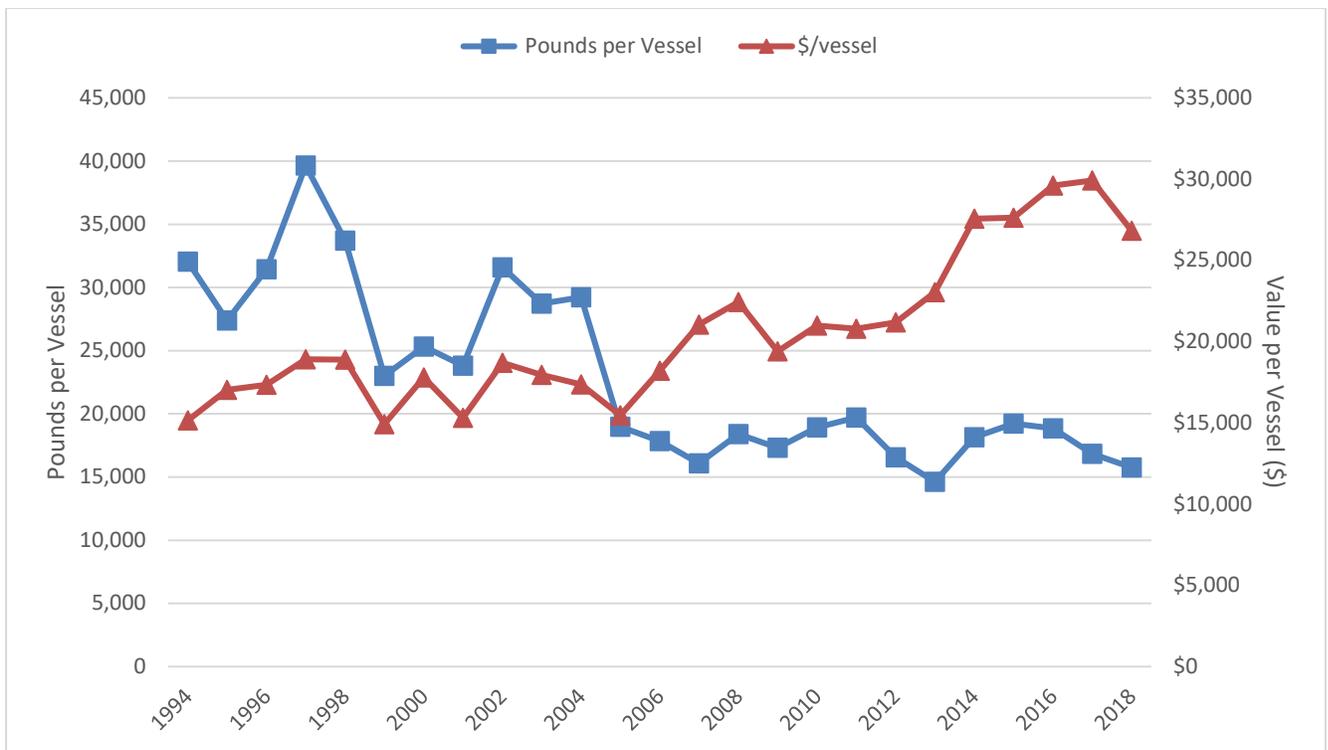


Figure VI.4 Commercial landings and ex-vessel value per vessel by year, 1994–2018.

Table VI.10 Top five recreational species^{2, 3} by total directed and landed fishing trips¹.

Rank	2018		2017		2016	
	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Red Drum	3,478,377	Red Drum	3,675,064	Red Drum	3,693,885
2	Bluefish	3,031,288	Bluefish	3,392,266	Bluefish	3,194,322
3	Flounder	1,711,066	Spotted Seatrout	2,851,053	Kingfish	2,741,476
4	Kingfish	1,660,341	Kingfish	2,361,137	Flounder	2,420,326
5	Spotted Seatrout	1,606,853	Flounder	2,107,301	Spotted Seatrout	2,322,627

Rank	2015		2014		2013	
	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Bluefish	3,126,972	Red Drum	2,995,433	Kingfish	2,910,094
2	Kingfish	2,842,692	Bluefish	2,871,661	Bluefish	2,769,469
3	Red Drum	2,762,521	Flounder	2,685,072	Flounder	2,623,584
4	Spotted Seatrout	2,537,677	Kingfish	2,538,697	Red Drum	2,542,714
5	Flounder	2,536,854	Spotted Seatrout	2,154,879	Spot	2,385,900

¹Directed 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).

²Pinfish have been removed from these rankings as they are a non-target recreational species.

³Lefteye-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^{2, 3} by total directed and landed fishing trips¹ in estuarine waters.

Rank	2018		2017		2016	
	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Spotted Seatrout	1,050,588	Spotted Seatrout	1,926,134	Spotted Seatrout	1,668,906
2	Red Drum	1,048,725	Red Drum	1,391,701	Flounder	1,326,640
3	Flounder	989,030	Flounder	1,093,787	Red Drum	1,080,444
4	Bluefish	588,800	Black Sea Bass	678,615	Atlantic Croaker	746,234
5	Atlantic Croaker	525,942	Atlantic Croaker	614,956	Pigfish	598,902

Rank	2015		2014		2013	
	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Flounder	1,305,922	Spotted Seatrout	1,298,948	Spotted Seatrout	1,758,243
2	Atlantic Croaker	1,078,329	Flounder	1,259,600	Flounder	1,355,349
3	Spotted Seatrout	934,595	Red Drum	1,121,028	Red Drum	1,180,553
4	Red Drum	877,726	Atlantic Croaker	874,868	Atlantic Croaker	643,229
5	Pigfish	643,935	Pigfish	522,315	Bluefish	446,427

¹Directed 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).

²Pinfish have been removed from these rankings as they are a non-target recreational species.

³Lefteye-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^{2, 3} by total directed and landed fishing trips¹ in ocean waters 0-3 miles from shore.

Rank	2018		2017		2016	
	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Red Drum	2,426,857	Bluefish	2,895,918	Bluefish	2,721,663
2	Bluefish	2,426,040	Red Drum	2,279,227	Red Drum	2,612,615
3	Kingfish	1,430,778	Kingfish	2,064,896	Kingfish	2,312,446
4	Spanish Mackerel	845,544	Spot	1,024,099	Flounder	1,079,109
5	Flounder	711,582	Flounder	996,260	Puffers	989,121

Rank	2015		2014		2013	
	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Bluefish	2,462,803	Bluefish	2,374,908	Kingfish	2,589,022
2	Kingfish	2,457,751	Kingfish	2,055,200	Bluefish	2,297,866
3	Red Drum	1,873,037	Red Drum	1,856,602	Spot	2,036,197
4	Spotted Seatrout	1,597,333	Spot	1,701,176	Red Drum	1,359,939
5	Spot	1,354,339	Flounder	1,393,635	Flounder	1,245,327

¹Directed 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)

²Pinfish have been removed from these rankings as they are a non-target recreational species

³Lefteye-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 species² by directed and landed fishing trips¹ in ocean waters greater than 3 miles from shore.

Rank	2018		2017		2016	
	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Dolphin	238,032	Dolphin	192,004	Dolphin	271,904
2	King Mackerel	138,980	Black Sea Bass	183,341	Yellowfin Tuna	119,950
3	Black Sea Bass	106,091	King Mackerel	118,079	Black Sea Bass	116,229
4	Spanish Mackerel	66,025	Yellowfin Tuna	88,727	Wahoo	83,613
5	Yellowfin Tuna	54,138	Wahoo	74,721	King Mackerel	81,702

Rank	2015		2014		2013	
	Species	Directed Trips	Species	Directed Trips	Species	Directed Trips
1	Dolphin	304,978	Dolphin	167,903	Dolphin	189,628
2	Black Sea Bass	175,695	Black Sea Bass	141,025	Black Sea Bass	113,512
3	King Mackerel	110,792	Wahoo	70,998	King Mackerel	109,099
4	Wahoo	95,921	King Mackerel	69,677	Sharks	60,086
5	Spanish Mackerel	72,406	Sharks	49,052	Wahoo	47,999

¹Directed 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)

²Shark 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	2018		2017		2016	
	County	License Holders	County	License Holders	County	License Holders
1	Wake	21,346	Wake	23,636	Wake	24,030
2	Onslow	14,938	Onslow	17,202	Onslow	17,633
3	New Hanover	13,203	New Hanover	15,090	New Hanover	15,036
4	Brunswick	9,677	Brunswick	10,791	Brunswick	10,643
5	Carteret	8,389	Carteret	9,943	Carteret	10,109

Rank	2015		2014		2013	
	County	License Holders	County	License Holders	County	License Holders
1	Wake	23,568	Wake	24,094	Wake	23,465
2	Onslow	18,356	Onslow	18,661	Onslow	17,401
3	New Hanover	15,904	New Hanover	16,407	New Hanover	16,646
4	Brunswick	10,779	Brunswick	11,268	Brunswick	11,649
5	Carteret	10,426	Carteret	10,995	Carteret	11,567

Table VI.15 Economic impacts of coastal recreational fishing in North Carolina over the last 10 years, 2009-2018.

Year	Recreational Fishing Output	Economic Impacts		
	Estimated Direct Expenditures (thousands of dollars) ¹	Estimated Jobs ²	Income Impacts (thousands of dollars) ³	Output Impacts (thousands of dollars) ³
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
2009	\$4,162,746	42,539	\$1,309,431	\$3,832,121

¹ Estimated expenditures include both durable good expenditures and fishing trip expenditures.

² Includes full time and part time jobs

³ Economic impacts calculated using the NCDMF coastal recreational fishing economic impact model and IMPLAN economic impact modeling software. Economic impact estimates are for the state economy of North Carolina.

Table VI.16 Economic impacts of recreational fishing in coastal river systems of the Central Southern Management Area (CSMA) in North Carolina.

2018			Economic Impacts ⁴		
River System	Estimated Angler Hours ¹	Estimated Expenditures (thousands of dollars) ²	Estimated Jobs ³	Income Impacts (thousands of dollars)	Output Impacts (thousands of dollars)
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
Total	384,267	\$5,193	44	\$16,663	\$4,848

2017			Economic Impacts ⁴		
River System	Estimated Angler Hours ¹	Estimated Expenditures (thousands of dollars) ²	Estimated Jobs ³	Income Impacts (thousands of dollars)	Output Impacts (thousands of dollars)
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
Total	464,076	\$10,800	127	\$4,491	\$14,047

¹ 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.

² Estimated fishing trip expenditures based on NCWRC CSMA creel surveys and NCDMF CSMA recreational fishing economic impact model.

³ Includes full time and part time jobs

⁴ 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).

2016			Economic Impacts ⁴		
River System	Estimated Angler Hours ¹	Estimated Expenditures (thousands of dollars) ²	Estimated Jobs ³	Income Impacts (thousands of dollars)	Output Impacts (thousands of dollars)
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
Total	499,335	\$3,460	49	\$1,862	\$5,736

2015			Economic Impacts ⁴		
River System	Estimated Angler Hours ¹	Estimated Expenditures (thousands of dollars) ²	Estimated Jobs ³	Income Impacts (thousands of dollars)	Output Impacts (thousands of dollars)
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
Total	491,936	\$2,335	20	\$814	\$1,859

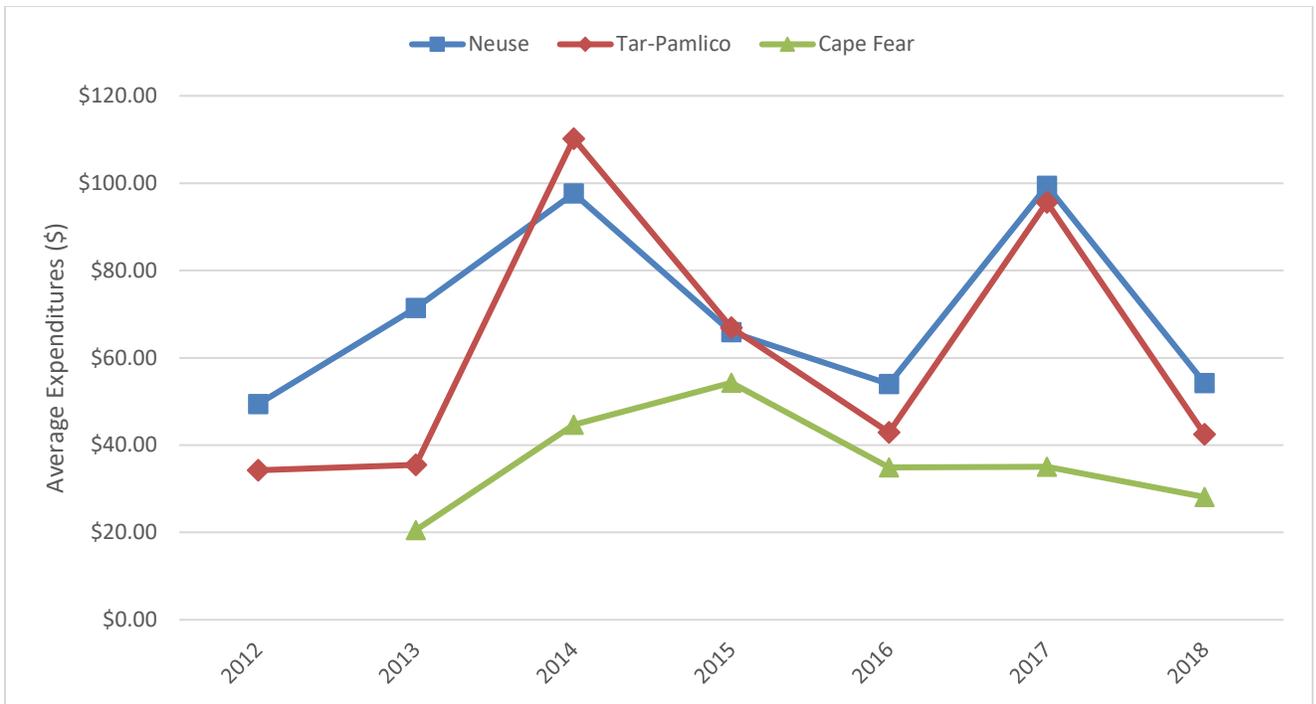
2014			Economic Impacts ⁴		
River System	Estimated Angler Hours ¹	Estimated Expenditures (thousands of dollars) ²	Estimated Jobs ³	Income Impacts (thousands of dollars)	Output Impacts (thousands of dollars)
Neuse River	215,956	\$1,398	13	\$522	\$1,183
Tar/Pamlico Rivers	136,083	\$956	8	\$325	\$742
Cape Fear River	28,852	\$148	2	\$69	\$156
Total	380,892	\$2,502	23	\$916	\$2,082

¹Effort 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.

²Estimated fishing trip expenditures based on NCWRC CSMA creel surveys and NCDMF CSMA recreational fishing economic impact model.

³Includes full time and part time jobs

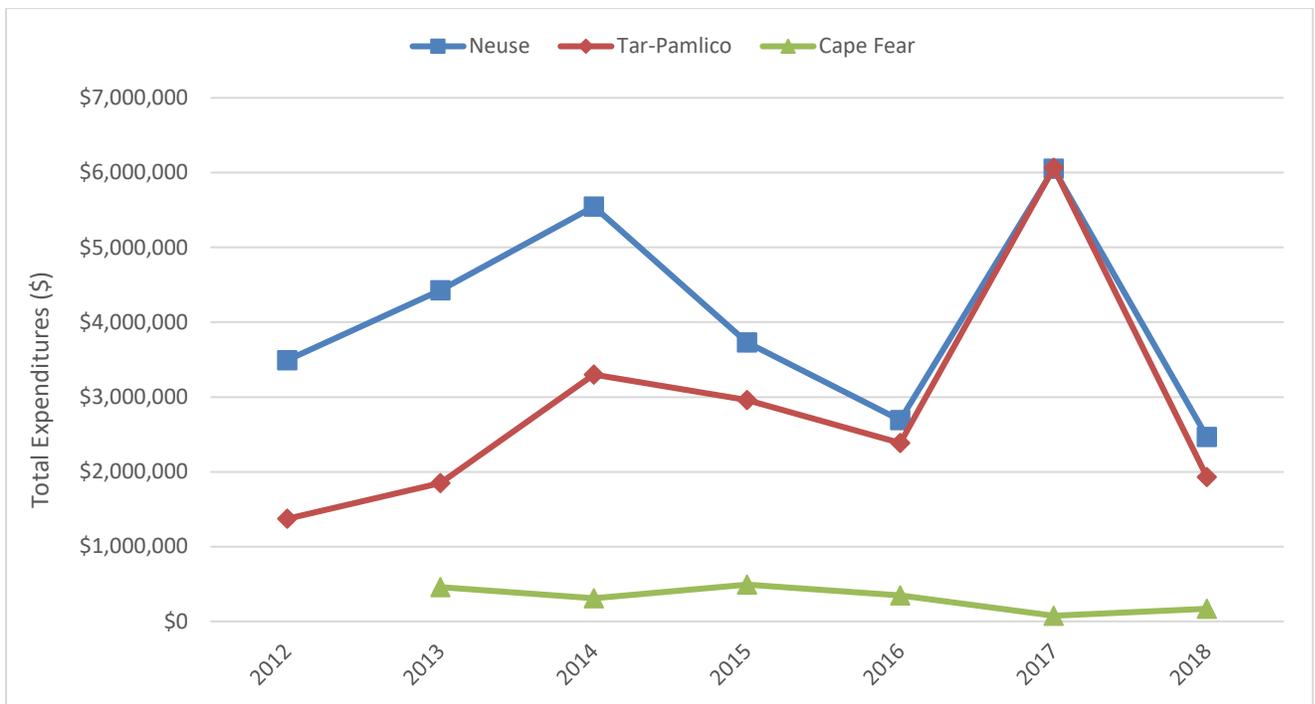
⁴Economic impacts calculated using the NCDMF CSMA recreational fishing economic impact model and IMPLAN economic impact modeling software. Economic impact estimates are for the state economy of North Carolina.



¹Estimated fishing trip expenditures based on NCWRC CSMA creel surveys.

²Expenditure 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-trip¹ expenditures² across creel survey river systems.



¹Estimated fishing trip expenditures based on NCWRC CSMA creel surveys.

²Expenditure 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^{1,2} across creel survey river systems.