An Economic Profile Analysis of the Commercial Fishing Industries of State-Managed Species in North Carolina

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November 2018

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This document may be cited as:

Tong, A., and A. Bianchi. 2018. An Economic Profile Analysis of the Commercial Fishing Industries of State-Managed Species in North Carolina. Division of Marine Fisheries, Morehead City, N.C. Atlantic Coastal Fisheries Cooperative Management Act (ACFCMA), National Oceanic and Atmospheric Administration, under Grant Award NA13NMF4740243.

ABSTRACT

The North Carolina Division of Marine Fisheries (NCDMF) is tasked with developing and maintaining state level fishery management plans for all commercially and recreationally important species. To develop adequate state fishery management plans (FMPs) NCDMF considers both biological and socio-economic data. Collecting and merging of these types of datasets are integral to accomplishing the goals of FMPs and determining their overall effectiveness. In this analysis the economic characteristics of North Carolina's commercial fisheries managed at the state level are reviewed annually and then by primary gear. Data was split between finfish and shellfish groups and then sub-grouped into 49 types of species groups. Each major species group was reviewed on an annual and gear basis. Resulting datasets were summarized in tabular and visual formats for ease of use and consumption for various user groups. Finfish had the majority of catch while shellfish brought in more per capita. Pots and purse seine gears brought in the largest landings, accounting for 58 percent of all landings in the past 24 years. While pots and trawl gears were the most lucrative. Pots were the top grossing gear with over $725 million in ex-vessel value. Atlantic Menhaden and Atlantic Croaker were top ranking species for landings while Summer and Southern Flounders had the most ex-vessel value overall. Each state-managed species displayed their own individual landings and value trends overtime. The resulting species and gear level statistics can provide economic baseline data that can be useful in understanding the impacts and effectiveness of current and past FMPs. This knowledge can then be applied to current FMP updates and the development of new plan strategies for the future. The results can also serve as a reference for other invested or interested parties like educators, fishery scientists, environmental groups, and government representatives.

ACKNOWLEDGEMENTS

This project was funded under the Atlantic Coastal Fisheries Cooperative Management Act Grant: NA08NMF4740476 and collectively completed by the License and Statistics Section within the North Carolina Division of Marine Fisheries.

This document would not have been possible without the cooperation of the helpful and knowledgeable staff at the North Carolina Division of Marine Fisheries. We would like to thank Scott Smith and Brandi Salmon for taking the time to review this document and provide feedback and insightful comments. Many thanks to Stephanie McInerny and Adam Stemle for their guidance, assistance, and input during the preparation of this report. We give special thanks to the port agents and data clerks for their diligent and skilled efforts to enter, screen, update, and edit landings data received through the North Carolina Trip Ticket Program without them this endeavor could not be completed with accuracy.

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1 INTRODUCTION

North Carolina's Division of Marine Fisheries (NCDMF) has implemented several fishery management plan (FMP) strategies to conserve and sustain fish populations that are commercially important species to the state of North Carolina. Many of these strategies have been implemented to avoid overexploitation, to reduce bycatch, or both. FMP strategies implemented to avoid overexploitation have been developed for species such as Blue Crab (*Callinectes sapidus*), Summer Flounder (*Paralichthys dentatus*), Southern Flounder (*P. lethostigma*), Red Drum (*Sciaenops ocellatus*), Eastern Oyster (*Crassostrea virginica*), and numerous others (Cheuvront 2002; Diaby 2002). Although FMP strategies have been implemented for several years, developing an effective management plan for a commercial fishery is still a difficult and complicated process (Bianchi 2002).

The Fisheries Reform Act, enacted in 1997 by the North Carolina General Assembly, requires that state level FMPs be developed and maintained by the NCDMF for all commercially and recreationally important species (Diaby 1999). The Fisheries Reform Act also requires that biological, social, and economic data be used to develop adequate FMPs (Diaby 1999). These data inputs are necessary to develop management options and to implement management strategies that are appropriate. This is particularly important when species, gear, and area combinations have strong impacts on one another (Cheuvront 2002; Diaby 2000, 2002).

Studies of North Carolina's commercial fishing industry over time can provide insight on the historical effects of FMPs along with other influencing factors on the commercial fishing industry. Updating these studies and trends can enlighten managers of the causes and outcomes of events that may occur long after the immediate period the event occurred. Studying these trends can help to determine resulting impacts to local and statewide economies. It can also lead to the development of better strategies and predictive tools or models used to forecast future social and economic results of FMP strategies on the local and state fishing industries.

Many studies have been initiated since 1999 in response to the need of socioeconomic information on all of North Carolina's commercial fisheries (Bianchi 2003; Burgess and Bianchi 2004; Cheuvront 2002, 2004; Diaby 1999, 2000, 2002). These studies include an economic profile of North Carolina's commercial fisheries at the state level, (Diaby 1999), at a county level (Bianchi 2003), and at a species level for state and interstate-managed species (McInerny and Bianchi 2009; Burgess and Bianchi 2004), as well as a series of social and economic analyses of the state's commercial fisheries occurring in state waters including Albemarle Sound, Beaufort Inlet to South Carolina, Core and Pamlico Sounds and in the Atlantic ocean (Diaby 2000; Diaby 2002; Crosson 2007a; Cheuvront 2002; Crosson 2007b; Cheuvront 2003; Stemle and Wiegand 2017a; Stemle and Wiegand 2017b).

The goal of this study was to determine the economic characteristics of North Carolina's state-managed commercial fisheries at a species and gear level and to provide economic baseline data that will be useful in the development and improvement of future state FMPs. This analysis is an update to the Burgess and Bianchi (2004) and will expand on this previous work by extending the time series to include fifteen more years. This study will provide information on the economic importance of major state-managed commercial fisheries in North Carolina from 1972 to 2017. Trend analysis and review of this data can be used with other data to determine the overall effectiveness of past management strategies and increase of the accuracy of socioeconomic models. It can also serve as a useful reference for other studies and for those invested or interested

parties like educators, fishery scientists, environmental groups, and leaders in government roles that are commonly requesting commercial landings and economic data.

2 METHODS

2.1 DATA COLLECTION

The commercial landings data collected to perform the analysis was gathered from multiple programs. The quality of the data collected within the programs improved over time with the most current data collection program having the most accurate and highest quality data available for examination.

The earliest data set was collected by the National Marine Fisheries Service (NMFS) with surveys that occurred from 1972 to 1977, the next data set was from the NCDMF/NMFS Cooperative Statistics Program that was a continuation and expansion of the previous program and covers the data from 1978 to 1993. The final data set covered from 1994 to 2017 and was collected by the North Carolina Trip Ticket Program (NCTTP).

Both NMFS data sets were acquired through written and verbal survey techniques. North Carolina wholesale seafood dealers were asked about their purchased commercial landings and the fisheries they participated in. Variables were expanded upon over time. When available, variables obtained included year, month, dealer, gear, county, waterbody, species and weight.

The NCTTP is a census and accounts for all commercial landings in the state. North Carolina licensed seafood dealers are required to record all purchases from licensed commercial fishermen on a written or electronic trip ticket form. These forms are completed for each trip made by a commercial fisherman and landed at a seafood dealer. Ex-vessel value (also known as dockside value) in U.S. dollars are not a required field and are obtained from dealers voluntarily either through a supplemental survey or from dealers voluntarily supplying price information through electronic reporting. The other variables collected in this program included species of the catch, weight or quantity of catch, gear used, trip characteristics (date of landing, start date of trip, etc). area fished, and license numbers of the seafood dealer, commercial fisherman and vessel.

The North Carolina Trip Ticket data was accessed using SAS® data management and analysis software. Customized SAS® programs were developed and updated to analyze the data. Results were then exported from SAS® and summarized in Microsoft Excel©. The data was then organized into tables and plotted in various figures.

2.2 DATA SELECTION

Landed catch was from all waterbodies as defined by the NCTTP. These waterbodies included the Albemarle-Pamlico estuarine system, all the inshore waters in the southern part of the state below Cape Lookout, and the Atlantic Ocean. (Figure 1). All landings were reported by species or species group and reported in whole pounds (or pounds of meat when referring to shellfish such as clams and oysters).

Two time series were used in each portion of the analysis. The first is a forty-six-year time span from 1972 to 2017 that combines all data sources to obtain annual total landings and current ex-vessel value and finfish to shellfish proportions of those totals. This portion of data was not as precise and selective as the second time series subset that displays twenty-four years of information

from 1994 to 2017 comprised of landings, gear, dealers, vessels, participants, and ex-vessel value data.

Data summaries were reviewed for any possible confidential results. Summarized data are confidential if the number of seafood dealers, vessels, or fishermen reporting at that level of summarization is less than three. If data was confidential resulting in too few fishermen, dealers, or vessels involved, the data was reallocated to another appropriate category allowing summed totals to be reported and confidentiality to be maintained.

2.3 SUMMARY TYPES

Four types of summaries were created overall. As mentioned previously, the first is a summary of landings in their entirety for all North Carolina commercial fisheries total landings and their ex-vessel value annually. The second breaks down that set of data into finfish and shellfish subgroups. While in the third, major fishing gear types were briefly analyzed to determine catch per unit effort (CPUE) within each gear category for the Trip Ticket time series. The forth summary type profiles the data for each of the primary twelve state-managed species groups within the Trip Ticket time series annually and by their primary gear types used.

Each summary has the historical data set broken down into four major parts including landings, ex-vessel value (current and deflated), trips (when available), and participants (fishermen, dealers, and vessels; when available). The average landings in pounds per period, the percent of landings landed per period, and rank (based on pounds and ex-vessel value) amongst the state managed species were outputs.

Current and deflated ex-vessel values were reported in U.S. dollars. The current value reflected the ex-vessel value for a particular year while the deflated value accounted for changes in inflation over the years. Using the Consumer Price Index, current ex-vessel value was converted to deflated value using the first year of landings recordings in 1994 as the base year. Therefore, a deflated value of $0.30 in 1994 has a deflated value equivalent of $0.17 in 2017. Value analysis included summarizing voluntarily supplied ex-vessel values and calculating deflated values to review monetary value over an equalized data set. Percent of total value and average values were compiled by year using the ex-vessel value. Current along with deflated ex-vessel value per pound amounts were calculated by dividing those values by the landings in pounds.

CPUE was calculated by taking total pounds divided by the total number of trips within each species or gear category. The CPUE statistic used takes all trips into account and therefore all trips were treated equally including those trips where the species landed was not necessarily the targeted species. This statistic is just a rough estimate of effort to determine overall trends and should not be extrapolated or interpreted to suggest otherwise.

Participation was measured by a count of unique dealers, fishermen, and vessels. The effort sections quantify the number of trips, and CPUE. Ranking by the number of trips was also included.

2.4 DISPLAY

Due to the repetitive nature of this type of data analysis, a standard written summary template was created. This method will simplify the reproduction of the report for future updates. When additional comments were needed, due to exceptional data events, changes were made to the base template output.

Many of the results will be shown in multiple formats. Along with a written summary, the data will be presented in both tabular and graphic forms. This replication of data will serve to enhance the usefulness of this report to the various audiences that commonly request data from NCTTP. Those who are seeking exact numbers can review the tables while, those who are more visual learners can review the figures.

When bar graphs displayed one or two values that had an extreme range, the scale of the y-axis was kept at a minimal range allowing most of the values present to remain visible. The outlying values were kept in the graph but were cutoff at the maximum of the y-axis range presented and labeled individually to denote their partial status. If the bar graph had three or more of these values a second companion graph was displayed with an inclusive y-axis range that displayed those extreme values in their entirety.

3 RESULTS

3.1 Characterization of Total Annual Commercial Landings from 1972 to 2017

Total landings for the state trended upward from 1972 up to 1981, where the maximum landings of 432 million pounds was reached. After that year landings totals mostly exhibited a declining trend. However, landings did peak once again in 1997 but at a much lower amount of 228 million pounds (Table 1; Figure 2). When Atlantic Menhaden (*Brevoortia tyrannus*) landings were removed from the landings totals the first peak drop drastically and the range between the two peaks shifted from 203 million pounds apart to just over 22 million pounds (Table 2; Figure 3). Since 2005 landings have remained below 1 million pounds reaching a minimum of 50 million pounds in 2013.

The ex-vessel value for the statewide landings of North Carolina exhibited an overall increase from 1972 to 2000 (Table 3; Figure 4). The ex-vessel value then declined over the next few years until 2005. After 2005, the ex-vessel value increased overall until 2014 and has remained constant since then. Some notable trends include the sharp increase from 1975 to 1980, another sharp increase from 1992 to 1995, and the gradual decline from 1995 to 2005. The ex-vessel value reached a maximum of $110 million in 1995 and a minimum of $12 million in 1972.

The deflated ex-vessel values over time had less severe trend adjustments compared to the ex-vessel value. With a maximum of $34 million in 1980 and a minimum of $12 million in 1972 the deflated ex-vessel value range was more limited than the current ex-vessel values. The deflated ex-vessel value for the state's landings increased overall from 1972 to 1995. The deflated value then declined from 1995 to 2005 and has remained constant since then.

3.2 Characterization of Finfish and Shellfish Landings from 1994 to 2017

3.2.1 Finfish Landings

Finfish are defined as all species that have fins such as flounders, sharks, and tunas. The finfish composition of the total landings has varied considerably over the years. Finfish composed over 83 percent of the total landings by weight per year from 1972 to 1984 (Table 3; Figure 5). However, from 1985 to 2017 finfish composition never reached 80 percent for any year. A maximum of 92.58 percent of the landings were composed of finfish in 1975 and a minimum of 33.2 percent in 2016 (Table2; Figure 6). However, a sizable portion of finfish landings were due to a single species, Atlantic Menhaden (*Brevoortia tyrannus*) (Figure 7). The influence of the Atlantic Menhaden fishery on the composition of the state's commercial fishery is dramatic. If landings of

Atlantic Menhaden are excluded from this analysis, then landings of finfish composed only 69 percent of the total landings by weight per year from 1972 to 1980 but never reached 69 percent of the total weight per year from 1983 to 2017 (Table 6, Figure 7). During most of the period, finfish accounted for most of the landings in the state, but this trend changed in 2007 after the last Atlantic Menhaden dehydration plant closed (Table 2; Figure 8; Figure 9). Starting in 2007, shellfish started to account for most of the commercial landings in the state

Finfish landings increased from 1973 to 1980 and then decreased from 1981 to 1987 (Table 2; Figure 5). Finfish landings remained constant until 1997. Finfish landings then decreased from 1998 to 2017. Finfish landings reached a maximum in 1981 with 389 million pounds landed and a minimum in 2017 with only 20 million pounds landed. If landings of Atlantic Menhaden are excluded from the analysis, then landings of finfish increased from 1973 to 1980 and then exhibited an overall decline from 1980 to 1992 (Table 2; Figure 8). Landings of finfish then increased in 1993 to 1997 and then exhibited another overall declining trend from 1998 to 2017. With Atlantic Menhaden excluded, finfish landings reached a maximum of 111 million pounds in 1980 and a minimum of 19 million pounds in 2017.

Finfish do not compose most of the state's landings by value even though they compose the majority by weight (Figure 10). The percent value of finfish was usually greater than 50 percent from 1972 to 1984 (Figure 11). However, the percent value of finfish has declined since 1984. The percent value of finfish reached a maximum of 63 percent in 1975 and 1981 and a minimum of 34 percent in 2015 and 2016.

The ex-vessel value of finfish increased from 1972 to 1981, remained steady until it increased in 1988 (Table 10; Figure 11). The ex-vessel value decreased from 1989 to 1993, increased from 1994 to 1997, and then decreased in 1998 where it remained steady thru 2017. The ex-vessel value for finfish reached a maximum of $46 million in 1997 and a minimum of $6 million in 1972. The deflated value of finfish increased from 1972 to 1979, decreased from 1980 to 1983, and remained steady until 1990. From 1991 to 1993, the deflated value decreased and then remained steady until 2000 and then declined thru 2017. The deflated value reached a maximum of $17.7 million dollars in 1979 and a minimum of $5.8 million in 1972 (Figure 10).

The catch-per-unit-effort (CPUE) of finfish remained stable from 1994 to 1996 and then increased in 1997 (Table 4; Figure 12). The CPUE then decreased until 1999. Finfish CPUE then exhibited an overall increasing trend from 2000 to 2002. Finfish CPUE then showed a slight decline in the next couple of years and then declined sharply in 2005 and 2006 after the last Atlantic Menhaden dehydration plant close. Finfish CPUE reached a maximum of 1,722.74 pound/trip in 1997 and a minimum of 402.46 pound/trip in 2013. If landings of Atlantic Menhaden are excluded from this analysis, then finfish CPUE remained stable from 1994 to 1995 and then increased in 1996 Finfish CPUE then declined from 1996 to 1999 and then remained stable until 2006. After 2006, the finfish CPUE starts to decline. In 2010, the finfish CPUE increases again but shortly later it declines until 2013. Finfish CPUE then increases again in 2014 and then declines again over the last few years of the time series. Finfish CPUE reached a maximum of 754.53 pound/trip in 1997 and a minimum of 396.30 pound/trip in 2013 with the exclusion of Atlantic Menhaden landings.

3.2.2 Shellfish Landings

Shellfish are defined as all bivalves, crustaceans and other species that are not considered finfish. The total shellfish composition of North Carolina commercial landings has also varied from 1972 to 2017. The percent composition of shellfish never reached 20 percent of the total landings by

weight for any given year from 1972 to 1984 (Table 8; Table 9; Figure 9). However, this changes from 1985 as the percent composition of shellfish never dropped below 20 percent of the total landings by weight for any given year. Shellfish composition of the state's landings reached a maximum of 66.8 percent in 2016 and minimum of 7.4 percent in 1975.

Shellfish landings exhibited an overall increase from 1972 to 2002 (Table 8; Figure 5). Shellfish landings remained steady from 1972 to 1977, increased during 1978 to 1980, and remained fairly stable until 1992. Shellfish landings then increased from 1992 to 1996 but from 1997 to 2013 a decreasing trend is observed. Shellfish landings then increased overall over the next four years. The landings of shellfish ranged from a maximum of 74 million pounds in 1996 to a minimum of 17 million pounds in 1975.

The percent value of shellfish landings fluctuated from 1972 to 1984 (Table 9; Figure 11). However, from 1984 to 2002 the percent value of shellfish has been greater than the percent value of finfish. The percent value of shellfish exhibited an increasing trend from 1984 to 1999 and then began to show a decreasing trend overall from 1999 to 2002. The percent value then declined over the next few years and then increased to 60 percent in 2008 and since then has remained constant. The percent value of shellfish reached a maximum at 65 percent in 1999 and a low of 37 percent in 1981.

The ex-vessel value for shellfish landed in North Carolina exhibited an overall increase from 1972 to 2000 and since then has showed an overall decline (Table 9; Figure 10). The ex-vessel value increased slowly from 1972 to 1977. From 1977 to 1993, the ex-vessel value fluctuated dramatically, but increased overall. A dramatic increase in ex-vessel value was observed from 1992 to 1995, at which point it stabilized, and decreased greatly in 2001. The ex-vessel value then fluctuated until 2015 when the value has remained constant. The ex-vessel value ranged from a maximum of $68 million in 2000 to a minimum of $6 million in 1972.

The deflated value for shellfish landed in North Carolina exhibited an overall increase from 1972 to 2002 and then declined overall until 2014 (Figure 10; Figure22). The deflated value for shellfish landings has remained constant at just over $10 million over the last three years. The deflated value for shellfish remained stable from 1972 to 1975, increased in 1976, and remained steady until 1978. The deflated value fluctuated between $9 million and $17 million from 1979 to 1982 and then remained stable from 1982 through 1991. The deflated value decreased in 1992 but then quickly increased in 1993 and continued the trend until 1995. The deflated value remained steady from 1995 to 2000 but during the next two years, an overall decline is observed. The deflated value for shellfish landed increased from $6.8 million in 2002 to $10.8 million in 2017. The deflated value for shellfish ranged from a maximum of $18 million in 1995 to a minimum of $5.6 million in 1975.

The shellfish CPUE did not show much of an overall change from 1994 to 2017 and is not as variable as the CPUE for finfish (Table 4; Figure 12). The shellfish CPUE increased until 1996, and then remained constant until 1999. A decreasing trend then occurred from 1999 to 2001. Shellfish CPUE then increased until 2008 and has remained stable since then. Shellfish CPUE ranged from a maximum of 422.93 pound/trip in 2008 to a minimum of 205.67 pound/trip in 2001.

3.3 Characterization of Landings and Value by Gear from 1994 to 2017

Summary of Statewide Landings by gear type from 1994 to 2017 was determined for 10 major gear types which accounted for most of the total landings by weight during the period (Figure 13;

Figure 14). These gears include pots, purse seines, gill nets, trawls, rod and reel, longlines, pound nets, haul seines, dredges, and hand gears. Pots ranked highest in the total pounds landed and accounted for 32 percent of the state's landings. Purse seines ranked second in total pounds landed accounting for over 26 percent of the total landings. However, purse seines are primarily used to harvest only Atlantic Menhaden and with the last Atlantic Menhaden dehydrating plant closing the contribution of purse seines to the total landings of state is expected to continue to decline. Gill nets ranked third accounting for over 16 percent of the total pounds during that same period.

Pots were the most often used gear and accounted for over 40 percent of the total number of trips from 1994 to 2017 (Figure 16). Gill nets (22 percent) and hand gears (20 percent) were ranked second and third in the total number of trips (Figure 18). Purse seines, longlines, and haul seines had the highest CPUE (Figure 17). Purse seines ranked highest in CPUE with 656,686 pound/trip landed during this period (Figure 19). Longlines ranked second with a CPUE of 3,728 pound/trip landed and haul seines ranked third with 1,763 pound/trip landed.

Pots ranked first in value with over $725 million accounting for 34 percent of the total value from 1994 to 2017 (Table 11). Landings from trawl trips were valued at $605 million and ranked second accounting for 28 percent of the total value, while gill nets with landings valued at over $264 million and 12 percent of the total ranked third.

3.4 Characterization of Landings and Value by Species

3.4.1 Summary of Statewide Landings for Finfish Species from 1994 to 2017

Atlantic Menhaden dominated the landings for finfish composing 43 percent of the total landings by weight from 1994 to 2017 (Table 2; Figure 3). Even with the last dehydrating plant closing, Atlantic Menhaden continues to be commercially harvested and landed primarily for bait . Atlantic Croaker (*Micropogonias undulatus*) and Dogfish Sharks (*Squalus acanthias* and *Mustelus canis*) ranked second and third, with 11 percent of the landings composed of Atlantic Croaker and 6 percent composed of Dogfish Sharks (Table 6). Thread herring (*Opisthonema oglinum*) had the highest CPUE for any finfish species (82,347 pound/trip) (Figure 12). Thread Herring, like Atlantic Menhaden, was primarily harvested with purse seines. With the purse seine fishery no longer active the CPUE for thread herring will continue to decline. Atlantic Menhaden and Dogfish Sharks ranked second and third in CPUE, respectively. Southern Flounder (*Paralichthys lethostigma*) were landed in 15 percent of the trips conducted in North Carolina, the most for any of the major finfish species from 1994 to 2017 (Table 6; Figure 7, Figure 21). Catfishes (*Amerius spp.* and *Ictalurus spp*) ranked second having been reported in 5.4 percent of the trips conducted. Other species that were landed in over 100,000 trips were Atlantic Croaker, Striped Mullet (*Mugil cephalus*), Bluefish (*Pomatomus saltarix*), Red Drum (*Sciaenops ocellatus*), Kingfishes (*Menticirrhus spp.*), Spot (*Leiostomus xanthurus*), Spotted Seatrout (*Cynoscion nebulosus*), Striped Bass (*Morone saxatillus*), Striped Mullet (*Mugil cephalus*), Weakfish (*C. regalis*), and White Perch (*Morone Americana*).

Summer Flounder (*Paralichthys dentatus*) was the most important species in terms of total value, accounting for 17 percent of the total value with an ex-vessel value of nearly $147 million and a deflated value of almost $33 million (Table 6; Figure 5). Southern Flounder and Tunas (*Sarda sarda, Euthynnus spp.* and *Thunnus spp.*) ranked second and third in total value accounting for 14 percent and 8 percent of the total value for finfish, respectively. The ex-vessel value for Southern Flounder during this period was over $125 million, and the deflated value was over $29 million. Tunas had an ex-vessel value over $69 million and a deflated value over $15 million.

3.4.2 Summary of Statewide Landings for Shellfish Species from 1994 to 2017

During the 1994 to 2017 period, most shellfish landings consisted of hard Blue Crabs (*Callinectes sapidus*) and Shrimp (*Farfantepenaeus aztecus*, *F. duorarum*, and *Litopenaeus setiferus*) (Figure 24). Hard Blue Crabs dominated the landings for shellfish composing 78 percent of the total pounds of shellfish. Shrimp ranked second in total landings accounting for 16 percent of the total landings. Hard Blue Crabs also ranked first accounting for 45 percent of the number of trips reported to have shellfish landings (Table 8; Table 9; Figure 2; Figure 20). Hard Clams (*Mercenaria mercenaria*) ranked second having been landed in 19 percent of all trips while peeler Blue Crabs ranked third having been landed in 10 percent of all trips (Figure 23). Shrimp ranked first in CPUE while hard blue crabs ranked second (Table 4).

Most of the current ex-vessel value generated from shellfish was also attributable to hard Blue Crabs and Shrimp (Table 3). Hard Blue Crabs generated the most ex-vessel value during the 1994 to 2017 period, accounting for 50 percent of total value for all shellfish. Landings from shrimp ranked second accounting having accounted for 30 percent of the total value from shellfish landings. The ex-vessel value for hard Blue Crabs during this period was $631 million and the deflated value was nearly $146 million making it the most valuable commercial fishery in the state. The ex-vessel value for Shrimp was $376 million and the deflated value $84 million during this period making it the second most valuable commercial fishery to the state.

Statewide landings for North Carolina have varied widely from 1972 to 2007 (Table2; Figure 2). Total landings for the state increased greatly from 1973 to 1981. However, landings declined sharply from 1982 until 1987 where landings tended to remain constant until 1997. After 1997, landings showed a declining trend continuing to 2007. Landings reached a maximum value of 432 million pounds in 1981 and a minimum of 63 million pounds in 2007.

The current ex-vessel value for the statewide landings of North Carolina exhibited an increasing trend over the years (Table 5; Figure 4). The ex-vessel value increased sharply from 1975 to 1980 and then remained fairly constant until 1993. From 1993 to 1995, the ex-vessel value increased and then remained constant until 2000. A declining trend in ex-vessel value is exhibited from 2000 to 2005. Starting in 2006, ex-vessel value for North Carolina commercial fisheries appeared to be increasing. The ex-vessel value reached a maximum of $110 million in 1995 and a low of $12 million in 1972. The deflated value for the state's landings remained steady from 1972 to 1976 and then increased from 1977 to 1980. The deflated value declined in 1981 and then remained constant until 1988. In 1989, the deflated value decreased until 1992. In 1993, the deflated value increased until 1995 then remained constant until 2000. The deflated value then showed an overall decline from 2000 to 2005 and then, like the ex-vessel value, started to increase in 2006 and 2007. The deflated value reached a maximum of $35 million in 1980 to a minimum of $12 million in 1972.

3.5 Summary of Statewide Landings for State Managed Species from 1994 to 2017

3.5.1.1 Kingfish Data Profile

The landings of Kingfish displayed an overall variable trend (Table 12; Figure 25). There were 9 major turns in trend direction throughout the 1994 to 2017 period. Kingfish landings ranged from a maximum of 1,058,785 pounds in 1995 to 296,263 pounds in 2005. Kingfish yearly average landings are 682,276 and account for 1.03 percent of the total finfish landings (Table 6; Figure 11).

Kingfish accounted for 1.87 percent of the total finfish monetary value (Table 13; Figure 26). The ex-vessel value for this species had a range of $1,095,887 in 2017 to $271,731 in 2005 (Figure 27). While the range for deflated value was $236,139 in 1997 and $61,248 in 2005. Ex-vessel and deflated values for Kingfish closely followed landings trends. The ex-vessel price per pound fluctuated between $1.21 and $0.68. Ex-vessel price per pound along with deflated price per pound had a marginal increasing trend overall.

Kingfish CPUE showed some variability but had an overall increasing trend for the complete time series, with a high of 136.91 pound/trip in 2017 and a low of 45.54 pound/trip in 1998 (Table 14; Figure 29). Kingfish trips represented 4.09 percent of the total finfish trips. The number of trips having reported Kingfish landings was at a maximum in 1995 with a total of 12,495 trips. The least number of trips occurred in 2011 with 5,028 trips having reported landings of this species. The average annual trips reported was 7,638.

Trends in yearly vessel and fishermen participants involved in harvesting Kingfish, loosely exhibited the same patterns displayed in the landings trends (Figure 28; Figure 30). Vessel counts ranged from 1,059 in 1995 to 627 in 2005, while fishermen totaled a maximum of 937 in 1995 to a minimum 576 in 2005. The quantity of dealers involved in the sale of Kingfish followed the same trend but had a much smaller range of 176 to 125. The yearly average participant values were 790 vessels, 707 fishermen, and 149 dealers. The estimated potential earnings per participant on an annual basis was $878, $977, and $4,632 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $188, $210, and $996.

Kingfish were primarily harvested with four types of gears (Table 13). The principal gear utilized in the time series was gill nets making up 73 percent of the total landings and accounting for 74 percent of Kingfish value. The most lucrative current ex-vessel price per pound for this species was with gill nets for $1.01 a pound and a deflated value of $0.22 per pound. The most popular Kingfish gear type associated with dealers was gill nets. Gill nets had the most trips accounting for 65 percent of the total. The most effective gear based on average CPUE was gill nets.

3.5.1.2 Red Drum Data Profile

Red Drum landings displayed an overall variable trend (Table 15; Figure 31). There were 8 major turns in trend direction throughout the 1994 to 2017 period. Red Drum landings ranged from a maximum of 372,942 pounds in 1999 to 52,502 pounds in 1997. Red Drum yearly average landings are 168,269 and account for 0.25 percent of the total finfish landings (Table 15).

Red Drum accounted for 0.68 percent of the total finfish monetary value (Table 15; Figure 32). The ex-vessel value for this species had a range of $715,685 in 2013 to $56,939 in 1997. While the range for deflated value was $130,183 in 2013 and $15,562 in 1997. Current and deflated ex-vessel value trends for Red Drum followed landings trends. The current ex-vessel price per pound fluctuated between $2.66 and $0.72 with a steeply increasing ex-vessel value trend and slightly increasing deflated value trend.

Trends in yearly vessel and fishermen participants involved in harvesting Red Drum closely exhibited the same patterns displayed in the landings trends. Vessel counts ranged from 1,222 in 1999 to 491 in 2016, while fishermen totaled a maximum of 1,036 in 1995 to a minimum 450 in 2015. The quantity of dealers involved in the sale of Red Drum followed the same trend but had a much smaller range of 168 to 98. The yearly average participant values were 815 vessels, 724 fishermen, and 139 dealers. The estimated potential earnings per participant on an annual basis

was $301, $335, and $1,765 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $63, $71, and $374.

Red Drum CPUE showed had an overall decreasing trend for the complete time series with 34.97 pound/trip in 1994 and 18.39 pound/trip in 2017 (Figure 35; Figure 36). There was a significant spike in this trend in 1998 where CPUE reached its max value at 52.44 pound/trip but then started to decline within the next year.

Red Drum trips represented 4.07 percent of the total finfish trips (Table 17; Figure 34). The number of trips reported to have Red Drum landings was at a maximum in 2013 with a total of 15,872 trips. The least number of trips occurred in 1997 with 2,440 trips having reported landings of this species. The average annual trips reported was 7,598.

Red Drum were primarily harvested with five types of gears (Table 16). The principal gear utilized in the time series was gill nets making up 89 percent of the total landings and accounting for 90 percent of Red Drum value. The most lucrative current ex-vessel price per pound for this species was with pound nets for $1.65 a pound and a deflated value of $0.33 per pound (Figure 33). The most popular Red Drum gear type associated with dealers was gill nets. Gill nets had the most trips accounting for 90 percent of the total. The most effective gear based on average CPUE was haul seines.

3.5.1.3 River Herring Data Profile

The landings of River Herring displayed an overall decreasing to static trend from 1994 to 2006 (Table 18; Figure 37). Starting in 2007, River Herring was put under a moratorium with the exception of a small discretionary quota. From 2007 to 2014, landings of River Herring never reached 2,000 pounds and in 2015 a full moratorium was enacted. River Herring landings ranged from a maximum of 644,334 pounds in 1994 to 643 pounds in 2009. River Herring yearly average landings are 187,462 and account for 0.28 percent of the total finfish landings.

River Herring accounted for 0.18 percent of the total finfish value (Figure 38). The ex-vessel value for this species had a range of $202,437 in 1998 to $678 in 2012 (excluding periods of no landings). While the range for deflated value was $54,152 in 1998 and $125 in 2012. Current and deflated value trends for River Herring overall followed landings trends. The current and deflated price per pound was stable until it increased starting in 2005. Current ex-vessel price per pound fluctuated between $0.16 and $1.33 while the deflated value fluctuated from $0.26 in 2009 to $0.05 in 1994. River Herring CPUE showed some short trend variability but overall had a decreasing trend for the complete time series with 176.14 pound/trip in 1994 and 87.62 pound/trip in 2014 (Figure 39; Figure 42). The steepest annual decline in CPUE occurred from 2001 to 2002 where the CPUE value was approximately half of what it was in 2001.

Trends in the number of vessels and fishermen involved in harvesting River Herring loosely exhibited the same patterns displayed in the landings trends (Table 20; Figure 41). Vessel counts ranged from 282 in 1996 to 5 in 2014, while fishermen totaled a maximum of 265 in 1996 to a minimum 6 in 2014. The number of dealers involved in the sale of River Herring followed the same trend but had a much smaller range of 55 to 4. The yearly average participant values were 132 vessels, 121 fishermen, and 28 dealers. The estimated potential earnings per participant on an annual basis was $416, $446, and $1,919 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $90, $97, and $424.

River Herring trips represented 0.68 percent of the total finfish trips (Figure 40). The number of trips reported to have River Herring landings was at a maximum in 1994 with a total of 3,658 trips. The least number of trips occurred in 2014 with 13 trips having reported landings of this species. The average annual trips reported among the fished years was 1,451.

River Herring were primarily harvested with three types of gears: gill nets, pound nets, and other (Table 19). The principal gear used in the time series was ultimately pound nets making up 66 percent of the total landings and accounting for 58 percent of River Herring value. The most lucrative current ex-vessel price per pound for this species was with gill nets for $0.44 a pound and a deflated value of $0.12 per pound. The most common gear reported for River Herring was gill nets. Gill nets had the most trips accounting for 73 percent of the total. The most effective gear based on average CPUE were pound nets.

3.5.1.4 Southern Flounder Data Profile

The landings of Southern Flounder displayed an overall strongly decreasing trend throughout the 1994 to 2017 period (Table 21; Figure 43). Southern Flounder landings ranged from a maximum of 4,878,609 pounds in 1994 to 897,765 pounds in 2016. The average landings of Southern Flounder from 1994 to 2017 is 2,575,477 pounds, and accounts for 3.88 percent of the total finfish landings (Table 6).

Southern Flounder accounted for 14.37 percent of the total finfish monetary value (Figure 44). The ex-vessel value for this species had a range of $8,044,845 in 1994 to $2,753,128 in 2011. While the range for deflated value was $520,616 in 2011 to $250,260 in 1994. Current and deflated value trends for Southern Flounder followed landings trends throughout. The current ex-vessel price per pound fluctuated between $4.06 and $1.5. The current ex-vessel price per pound value was stable until 2004 and then dramatically increased each year to 2017. While the deflated price per pound value trended fairly stable with a slight increase in the last few years.

Trends in yearly vessel and fishermen participants involved in harvesting Southern Flounder loosely exhibited the same patterns displayed in the landings trends (Figure 45; Figure46). Vessel counts ranged from 2,708 in 1995 to 1,001 in 2016, while fishermen totaled a maximum of 2,277 in 1995 to a minimum of 945 in 2016. The quantity of dealers involved in the sale of Southern Flounder followed the same trend but had a much smaller range of 293 to 189. The yearly average participant values were 1,730 vessels, 1,484 fishermen, and 245 dealers. The estimated potential earnings per participant on an annual basis was $3,106, $3,563, and $21,170 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $685, $791, and $4,839.

Southern Flounder trips represented 15.44 percent of the total finfish trips (Figure 47). The number of trips reported to have Southern Flounder landings was at a maximum in 1997 with a total of 46,542 trips. The least number of trips occurred in 2016 with 13,336 trips having reported landings of this species. The average annual trips reported was 28,835.

Southern Flounder CPUE was steady with a slight overall decline in value (Figure 48). The maximum value of 114.91 pound/trip in 1994 declined to a minimum value of 67.32 pound/trip in 2016.

Southern Flounder were primarily harvested with six types of gears (Table 22). The principal gear utilized in the time series was gill nets making up 57 percent of the total landings and accounting for 55 percent of Southern Flounder value (Figure 45). The most lucrative current ex-vessel price

per pound for this species was with gigs for $2.33 a pound and a deflated value of $0.48 per pound. The most popular Southern Flounder gear type associated with dealers was gill nets (Table 23). Gill nets had the most trips accounting for 73 percent of the total. The most effective gear based on average CPUE was pound nets.

3.5.1.5 Spotted Seatrout Data Profile

The landings of Spotted Seatrout were variable but had an overall decreasing trend (Table 24; Figure 49). There were 8 major turns in trend direction throughout the 1994 to 2017 period. Spotted Seatrout landings ranged from 574,296 pounds in 1995 to a minimum 75,239 pounds in 2011. Spotted Seatrout yearly average landings are 272,820 and account for 0.41 percent of the total finfish landings.

Trends in yearly vessel and fishermen participants involved in harvesting Spotted Seatrout closely exhibited the same patterns displayed in the landings trends. Vessel counts ranged from 1,778 in 1995 to 682 in 2015, while fishermen totaled a maximum of 1,548 in 1995 to a minimum 626 in 2015. The quantity of dealers involved in the sale of Spotted Seatrout followed the same trend but had a much smaller range of 215 to 132. The yearly average participant values were 1,095 vessels, 966 fishermen, and 175 dealers. The estimated potential earnings per participant on an annual basis was $402, $451, and $2,477 per vessel, fisherman, and dealer respectively (Figure 52). The annual average deflated value per vessel, fisherman, and dealer were $85, $96, and $533.

Spotted Seatrout accounted for 1.17 percent of the total finfish monetary value (Table 50; Figure 51). The ex-vessel value for this species had a range of $818,159 in 2013 to $134,848 in 2001. While the range for deflated value was $183,561 in 1995 and $27,343 in 2011. Current and deflated value trends for Spotted Seatrout followed the landings trends. The current ex-vessel price per pound fluctuated between $2.6 and $1.1 with an overall increasing trend for both current and deflated values.

Spotted Seatrout trips represented 5.14 percent of the total finfish trips (Figure 53). The number of trips reported to have Spotted Seatrout landings was at a maximum in 1995 with a total of 16,856 trips. The least number of trips occurred in 2011 with 4,402 trips having reported landings of this species. The average annual trips reported was 9,609.

Spotted Seatrout CPUE did not show an encompassing trend overall (Figure 54). In 1994 CPUE for Southern Flounder started at 30.19 pound/trip and at the completion of the dataset it was 30.75 pound/trip. Loosely following landings, value, and participant trends CPUE had 15 turns in trend direction over time with a 19.40 pounds difference between the maximum and minimum values in the data set.

Spotted Seatrout were primarily harvested with seven types of gears (Table 26). The principal gear utilized in the time series was ultimately gill nets making up 76 percent of the total landings and accounting for 79 percent of Spotted Seatrout value. The most lucrative current ex-vessel price per pound for this species was with other gears for $1.81 a pound and a deflated value of $0.36 per pound (Table 25). The most popular Spotted Seatrout gear type associated with dealers was gill nets (Table 26). Gill nets had the most trips accounting for 86 percent of the total. The most effective gear based on average CPUE was haul seines.

3.5.1.6 Striped Bass Data Profile

The landings of Striped Bass displayed an overall increasing trend from 1994 to 2005 followed by a decreasing trend from 2006 to 2017 (Table 27; Figure 55). Striped Bass landings ranged from a

maximum of 911,399 pounds in 2004 to 96,233 pounds in 2014. Striped Bass yearly average landings are 405,972 and account for 0.61 percent of the total finfish landings.

Striped Bass accounted for 1.93 percent of the total finfish monetary value (Figure 56). The ex-vessel value for this species had a range of $1,673,068 in 2005 to $220,945 in 1996.mWhile the range for deflated value was $377,109 in 2005 and $49,833 in 2017. Current and deflated value trends for Striped Bass followed the landings trends. The current ex-vessel price per pound fluctuated between $3.17 and $1.21, with an overall stable trend until 2004 where it steadily increased. Deflated price per pound trends were the same as the current ex-vessel price per pound.

Striped Bass CPUE did not show an encompassing trend overall (Table 29; Figure 57). In 1994 CPUE started at 78.27 pound/trip and at the completion of the dataset it was 28.19 pound/trip. It tightly mimicked landings, value, and participant trends and had 13 turns in trend direction over time with a 71.22 pounds difference between the maximum and minimum values in the data set. From 2012 to 2017 the CPUE stabilized and became very consistent.

Trends in yearly vessel and fishermen participants involved in harvesting Striped Bass loosely exhibited the same patterns displayed in the landings trends (Figure 58). Vessel counts ranged from 985 in 2005 to 271 in 2016, while fishermen totaled a maximum of 1,028 in 2005 to a minimum 275 in 2017. The quantity of dealers involved in the sale of Striped Bass followed the same trend but had a much smaller range of 101 to 34. The yearly average participant values were 642 vessels, 603 fishermen, and 71 dealers. The estimated potential earnings per participant on an annual basis was $1,143, $1,177, and $10,253 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $244, $254, and $2,212.

Striped Bass trips represented 3.81 percent of the total finfish trips (Figure 59). The number of trips reported to have Striped Bass landings was at a maximum in 2001 with a total of 12,033 trips. The least number of trips occurred in 1994 with 3,346 trips having reported landings of this species (REF). The average annual trips reported was 7,114.

Striped Bass were primarily harvested with five types of gears (Table28). The principal gear utilized in the time series was ultimately gill nets making up 62 percent of the total landings and accounting for 64 percent of Striped Bass value. The most lucrative current ex-vessel price per pound for this species was with pound nets for $2.03 a pound and a deflated value of $0.42 per pound. The most popular Striped Bass gear type associated with dealers was gill nets. Gill nets had the most trips accounting for 88 percent of the total. The most effective gear based on average CPUE was trawls (Figure 60).

3.5.1.7 Striped Mullet Data Profile

The landings of Striped Mullet were variable from 1994 to 2002 then stabilized until 2014 when the landings slightly start to decrease (Table 31; Figure 61). There were 5 major turns in trend direction prior to 2003. Striped Mullet landings ranged from a maximum of 2,829,086 pounds in 2000 to a minimum of 965,198 pounds in 2016. Striped Mullet average landings were 1,824,026 per year from 1994 to 2017, and account for 2.75 percent of the total finfish landings.

Striped Mullet accounted for 2.90 percent of the total finfish monetary value (Figure 62). The ex-vessel value for this species had a range of $1,944,319 in 1995 to $669,760 in 2016. While the range for deflated value was $562,880 in 1995 and $116,538 in 2016. Current and deflated value trends for Striped Mullet followed the landings trends. The current ex-vessel price per pound fluctuated between $0.91 and $0.40 and followed the landings trends.

Striped Mullet trips represented 5.34 percent of the total finfish trips (Figure 65). The number of trips reported to have Striped Mullet landings was at a maximum in 1997 with a total of 14,363 trips. The least number of trips occurred in 2016 with 6,820 trips having reported landings of this species. The average annual trips reported was 9,969.

Trends in yearly vessel and fishermen participants involved in harvesting Striped Mullet loosely exhibited the same patterns displayed in the landings trends (Table 32; Figure 64). Vessel counts ranged from 1,603 in 1995 to 734 in 2016, while fishermen totaled a maximum of 1,457 in 1995 to a minimum 688 in 2016. The quantity of dealers involved in the sale of Striped Mullet followed the same trend but had a much smaller range of 248 to 156. The yearly average participant values were 1105 vessels, 986 fishermen, and 202 dealers. The estimated potential earnings per participant on an annual basis was $957, $1,068, and $5,176 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $212, $238, and $1,169.

Striped Mullet CPUE trended upward from 1994 to 2002 and then it was stable until 2013 when the annual value began to drop. The maximum CPUE was 244.43 in 2002 and the minimum CPUE value was 125.84 in 1996 exhibiting a range of 118.59 pound/trip.

Striped Mullet were primarily harvested with four types of gears (Table 31. The principal gear utilized in the time series was ultimately gill nets making up 91 percent of the total landings and accounting for 91 percent of Striped Mullet value The most lucrative current ex-vessel price per pound for this species was with haul seines for $0.64 a pound and a deflated value of $0.16 per pound (Figure 63). The most popular Striped Mullet gear type associated with dealers was gill nets. Gill nets had the most trips accounting for 86 percent of the total. The most effective gear based on average CPUE was haul seines.

3.5.1.8 Bay Scallop Data Profile

The landings of Bay Scallop displayed an overall strong decrease in landings from 1995 to 2004 and then was consistently low or had no landings (Table 33; Figure 67). There were 3 major turns in trend direction throughout the 1994 to 2017 period. Bay Scallop landings ranged from 80 pounds in 2004 to a maximum of 173,796 pounds in 1995. Bay Scallop average landings were 22,491 pounds per year from 1994 to 2017, and account for 0.05 percent of the total shellfish landings (Figure 71).

Bay Scallop accounted for 0.12 percent of the total shellfish monetary value (Figure 68). The ex-vessel value for this species had a range of $345,447 in 1995 to $400 in 2004. While the deflated value ranged from $100,007 in 1995 to $92 in 2004. Current and deflated value trends for Bay Scallops followed it's landings trends. The current ex-vessel price per pound fluctuated between $7.11 and $1.88 with an overall increasing trend when scallops were present. Deflated price per pound values followed the same trend.

Trends in yearly vessel and fishermen participants involved in harvesting Bay Scallops closely exhibited the same patterns displayed in the landings trends (Figure 70). Vessel counts ranged from a low of no vessels, in years where no Bay Scallops were landed commercially, to 291 vessels in 1995. Fishermen counts were also at their maximum that year with 284 participants. The quantity of dealers involved in the sale of Bay Scallops followed the same trend but had a much smaller range of 35 participants. The yearly average participant values were 94 vessels, 96 fishermen, and 18 dealers. The estimated potential earnings per participant on an annual basis was

$986, $953, and $4,892 per vessel, fisherman, and dealer respectively (Figure 69). The annual average deflated value per vessel, fisherman, and dealer were $147, $144, and $761.

Bay Scallop trips represented 0.2 percent of the total shellfish trips (Table 35). The number of trips reported to have Bay Scallop landings was at a maximum in 1995 with a total of 2,108 trips. There were multiple years were no landings of Bay Scallops occurred. The average annual trips for the years with records was 318 trips. From 1994 to 2005 CPUE for Bay Scallops trended downward toward zero with slight temporary increases in 2009, 2010, and 2013. The maximum CPUE for Bay Scallops was 97.09 pound/trips in 1998.

Bay Scallop were primarily harvested with five gear types (Table 34). The principal gear utilized in the time series was dredges making up 71 percent of the total landings and accounting for 63 percent of Bay Scallop value. The gear with the most lucrative ex-vessel price per pound for this species was with a scallop scoop, at a maximum $3.87 per pound and a deflated value of $0.92 per pound. The most popular Bay Scallop gear type associated with dealers was scallop scoop. Dredges had the most trips accounting for 55 percent of the total. The most effective gear based on average CPUE was dredges.

3.5.1.9 Hard Blue Crab Data Profile

The landings of hard Blue Crab varied considerably but showed an overall decreasing trend (Table 36; Figure 73). Hard Blue Crab landings ranged from 65,682,500 pounds in 1996 to a minimum of 18,069, 170 pounds in 2017. Their yearly average landings were 35,360,360 pounds and account for 77.55 percent of the total shellfish landings;

Hard Blue Crabs accounted for 49.88 percent of the total shellfish ex-vessel value. The ex-vessel value for this species had a range of $40,466,879 in 1998 to $14,146,592 in 2006 (Figure 74). While the range for deflated value was $11,180,544 in 1996 and $3,066,392 in 2017. Current and deflated value trends for hard Blue Crabs followed it's landings trends. The current ex-vessel price per pound fluctuated between $1.23 to $0.51 and while the deflated price per pound ranged from $0.22 to $0.12. Current and deflated price per pound also loosely followed landings trends. However, in the 2000s values per pound tended to be a slightly more stable than the total current and deflated values.

Annual trends in the number of vessels and fishermen involved in harvesting hard Blue Crabs loosely exhibited the same patterns displayed in the landings trends (Figure 76). Vessel counts ranged from 2,874 in 1999 to 833 in 2017, while fishermen totaled a maximum of 2,187 in 1996 to a minimum 703 in 2017. The number of dealers for hard Blue Crabs followed the same trend but had a much smaller range of 338 to 184. The yearly average participant values were 1,625 vessels, 1,322 fishermen, and 253 dealers. The estimated potential earnings per participant on an annual basis was $17,746, $21,425, and $103,294 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $3,824, $4,634 and $23,408.

Hard Blue Crab trips represented 45.09 percent of the total shellfish trips (Figure 77). The number of trips reported to have hard Blue Crab landings was at a maximum in 1998 with a total of 119,570 trips. The least number of trips occurred in 2017 with 37,400 trips having reported landings of this species. The average annual trips reported was 71,764.

Hard Blue Crab CPUE remained relatively stable overall. In 1994 CPUE started at 476.81 pound/trip and in 2017 it was 483.13 pound/trip (Figure 78). However, from 1996 to 2001 CPUE

had a decreasing trend that reversed in 2002 to 2008 where it peaked at 700.70 pound/trip. In 2009 CPUE once again trended downward followed by another two-year increase and two-year decrease. The average hard Blue Crab CPUE was a 391.22 pound/trip range.

Hard Blue Crabs were primarily harvested with three types of gears: pots, trawls, and other (Table 37). The principal gear used in the times series was ultimately pots making up 97 percent of the total landings and accounting for 97 percent of hard Blue Crabs value (Table 38; Figure 75). The most lucrative current ex-vessel price per pound for this species was with other gears for $0.78 a pound and a deflated value of $0.19 per pound. The most common gear used for hard Blue Crabs was pots. Pots had the most trips accounting for 94 percent of the total and pots were the most effective gear based on average CPUE was pots.

Peeler Blue Crab Data Profile

The landings of peeler Blue Crab show a tri-modal peak from 1994 to 2008 with peaks occurring in 1997, 2001, and 2005 (Table 39; Figure 79). Since 2008, landings have shown a slight increasing trend overall. Peeler Blue Crab landings ranged from 351,986 pounds in 2008 to a maximum of 1,319,202 pounds in 2001. Yearly average landings are 728,854 and account for 1.06 percent of the total shellfish landings.

Peeler Blue Crabs accounted for 2.93 percent of the total shellfish ex-vessel value (Figure 80). The ex-vessel value for this species had a range of $3,081,350 in 2001 to $771,697 in 1994. While the range for deflated value was $765,099 in 2001 and $177,522 in 2008. Value for peeler Blue Crabs overall followed landings trends. The current ex-vessel price per pound fluctuated between $3.24 and $1.20 while the deflated price per pound ranged from $0.59 to $0.36. Current and deflated price pre pound had increasing trends overall that had short decreases in 2004 to 2006 and from 2010 to 2012 trend.

Annual trends in the number of vessels and fishermen harvesting peeler Blue Crabs loosely exhibited the same patterns displayed in the landings trends (Table 41; Figure 82). Vessel counts ranged from 1,393 in 1999 to 440 in 2017, while fishermen totaled a maximum of 1,070 in 1997 to a minimum 384 in 2017. The number of dealers for peeler Blue Crabs followed the same trend but had a much smaller range of 190 to 95. The yearly average participant values were 827 vessels, 712 fishermen, and 139 dealers. The estimated potential earnings per participant on an annual basis was $, $, and $ per vessel, fisherman, and dealer respectively. The estimated potential earnings per participant on an annual basis was $1,993, $2,292, and $11,180 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $427, $492 and $2,458. Peeler Blue Crab trips represented 10.13 percent of the total shellfish trips (Figure 83). The number of trips reported to have peeler Blue Crab landings was at a maximum in 1998 with a total of 31,433 trips. The least number of trips occurred in 2011 with 8,081 trips having reported landings of this species. The average annual trips reported was 16,121.

Peeler Blue Crab CPUE was varied. In 1994 CPUE started at 45.29 pound/trip and at the completion of the dataset it was 83.92 pound/trip (Figure 81; Figure 84). From 1994 to 2005 CPUE had an increasing trend that reversed until 2009.

Peeler Blue Crabs were primarily harvested with three types of gears: pots, trawls, and other (Table 40). The principal gear used in the time series was ultimately pots making up 98 percent of the total landings and accounting for 98 percent of peeler Blue Crabs value. The most lucrative current ex-vessel price per pound for this species was with other gears for $2.19 a pound and a deflated

value of $0.51 per pound. The most common gear for peeler Blue Crabs was pots. Pots had the most trips accounting for 96 percent of the total and pots were the most effective gear based on average CPUE.

3.5.1.10 Soft Blue Crab Profile

Although soft Blue Crab landings were variable over the time periods, two overall trends were noticeable (Table 42;Figure 85). First, landings have declined overall from 2001 to 2009. Second, after 2009 the landings show an overall increasing trend. Soft Blue Crab landings ranged from a maximum of 921,693 pounds in 2001 to a minimum of 198,878 pounds in 2009. Their yearly average landings were 728,854 pounds and account for 1.07 percent of the total shellfish landings.

Soft Blue Crab accounted for 4.26 percent of the total shellfish ex-vessel value (Figure 86). The current value for this species had a range of $4,070,990 in 2001 to $1,243,836 in 2008. While the range for deflated value was $1,010,827 in 2001 and $250,260 in 2008. Values for soft Blue Crabs followed it's landings trends. The current ex-vessel price per pound fluctuated between $3.11 and $7.24 with a steadily increasing trend overall. The deflated price per pound ranged from $0.90 to $1.32. Deflated price per pound stayed stable from 1994 to 2017.

Annual trends in the number of vessels and fishermen involved in harvesting soft Blue Crabs loosely exhibited the same patterns displayed in the landings trends (Figure 88). Vessel counts ranged from 703 in 1997 to 219 in 2011, while fishermen totaled a maximum of 609 in 1997 to a minimum 202 in 2017. The number of dealers for soft Blue Crabs followed the same trend but had a much smaller range of 158 to 77. The yearly average participant values were 401 vessels, 353 fishermen, and 113 dealers. The estimated potential earnings per participant on an annual basis was $6,206, $6.912, and $ 20,337 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $1,333, $1,489, and $4,465.

Soft Blue Crab trips represented 5.28 percent of the total shellfish trips (Figure 89). The number of trips reported to have landings was at a maximum in 2001 with a total of 15,966 trips. The least number of trips occurred in 2011 with 4,308 trips having reported landings of this species. The average annual trips reported was 8,403.

Soft Blue Crabs were primarily harvested with two types of gears: pots and other (Table 43). The principal gear used in the time series was ultimately pots making up 99 percent of the total landings and accounting for 99 percent of soft Blue Crabs value (Figure 87). The most lucrative current ex-vessel price per pound for this species was with pots for $4.62 a pound and a deflated value of $1.05 per pound. The common gear type for soft Blue Crabs was pots which accounted for 96 percent of the total number of trips (Figure 90). Pots were also the most effective gear to harvest soft Blue Crabs based on average CPUE (Table 44).

3.5.1.11 Hard Clam Data Profile

The landings of Hard Clams showed a stable trend from 1994 to 2000 and peaked in 2001 (Table 45; Figure 91). Landings of Hard Clams then have showed an overall decline. Hard Clam landings ranged from a maximum of 763,573 pounds in 2001 to a minimum of 273,280 pounds in 2017. Yearly average landings were 486,962 pounds and account for 1.09 percent of the total shellfish landings.

Hard Clams accounted for 6.29 percent of the total shellfish ex-vessel value (Table 46; Figure 92). The current value for this species had a range of $5,038,973 in 2015 to $1,896,627 in 2011. While the range for deflated value was $1,340,046 in 1995 and $358,652 in 2011. Current and deflated

values for Hard Clams followed landings trends overall with the exception of 2015 where value spiked strongly. The current ex-vessel price per pound fluctuated between $12.14 and $5.19 while the deflated price per pound was between $2.12 and $0.97. The overall trends for the current and deflated price per pounds were stable and did present the same spike in 2015.

The CPUE for Hard Clams had an overall increasing trend. The minimum CPUE was 13.03 pound/trip in 1994 and the maximum was 23.61 pound/trip in 2012. The average CPUE for the time period was 10.03 pound/trip CPUE.

Annual trends in the numbers of vessels and fishermen involved in harvesting Hard Clams loosely exhibited the same patterns displayed in the landings trends. Of note the number of fishermen were generally higher than the number of vessels for most of the time series starting in 1999. Vessel counts ranged from 1,877 in 1995 to 394 in 2012, while fishermen totaled a maximum of 1,828 in 2001 to a minimum 489 in 2012. The number of dealers for Hard Clam followed the same trend but had a much smaller range of 107 to 75. The annual average participant values were 880 vessels, 1,057 fishermen, and 91 dealers. The estimated potential earnings per participant on an annual basis was $4,417, $3,412, and $36,793 per vessel, fisherman, and dealer respectively (Figure 94). The annual average deflated value per vessel, fisherman, and dealer were $941, $739 and $8,593.

Hard Clam trips represented 19.02 percent of the total shellfish trips (Figure 95). The number of trips reported to have Hard Clam landings was at a maximum in 1994 with a total of 53,019 trips. The least number of trips occurred in 2013 with 16,496 trips having reported landings of this species. The average annual trips reported was 30,267.

Hard Clam were primarily harvested with six types of gears: by hand, tongs, rakes, trawls, dredges, and other (Table 47). The principal gear used was rakes making up 46 percent of the total landings and accounting for 48 percent of Hard Clam value (Figure 93). The most lucrative current ex-vessel price per pound for this species was with dredges for $7 a pound and a deflated value of $1.66 per pound. The most common gear used to harvest Hard Clam was rakes which accounted for 55 percent of the total number of trips with Hard Clams (Figure 96). The most effective gear based on average CPUE was dredges.

3.5.1.12 Eastern Oyster Data Profile

The landings of Eastern Oysters displayed an overall increasing trend throughout the 1994 to 2017 period with a temporary decline from 2010 to 2012 (Table 97; Figure 48). Oysters landings ranged from a maximum of 1,040,407 pounds in 2010 to a minimum 183,704 pounds in 1994. Oysters yearly average landings are 443,086 and account for 0.97 percent of the total shellfish landings.

Oysters accounted for 4.33 percent of the total shellfish monetary value (Table 98). The ex-vessel value for this species had a range of $961,181 in 2017 to $632,634 in 1994. While the range for deflated value was $188,145 in 1994 and $988,340 in 2010. Both value types followed the landings trends. The current ex-vessel price per pound fluctuated between $6.66 and $3.44. The ex-vessel value per pound steadily increased overall while the deflated value remained constant.

Trends in yearly vessel and fishermen participants involved in harvesting Oysters loosely exhibited the same patterns displayed in the landings trends (Table 100). Vessel counts ranged from 1,009 in 2010 to 492 in 1997, while fishermen totaled a maximum of 1,181 in 2010 to a minimum 498 in 1997. The quantity of dealers involved in the sale of Oysters followed the same trend but had a much smaller range of 183 to 121. The yearly average participant values were 664 vessels, 760 fishermen, and 147 dealers. The estimated potential earnings per participant on an annual basis

was $3,231, $2,761, and $14,717 per vessel, fisherman, and dealer respectively (Figure 50). The annual average deflated value per vessel, fisherman, and dealer were $663, $574 and $3,014.

Oysters trips represented 8.48 percent of the total shellfish trips (Table 101). The number of trips reported to have Oysters landings was at a maximum in 2010 with a total of 24,612 trips. The least number of trips occurred in 1994 with 7,247 trips having reported landings of this species. The average annual trips reported was 13,500. Oysters CPUE showed an overall increasing trend for the complete time series, with a low of 25.21 pound/trip in 1995 and a high of 47.96 pound/trip in 2017 making a range of 22.75 pound/trip (Table 99).

Oysters were primarily harvested with five types of gears (Figure 49). The principal gear utilized in the time series was ultimately by hand making up 49 percent of the total landings and accounting for 48 percent of Oysters value. The most lucrative current ex-vessel price per pound for this species was with dredges for $5.48 a pound and a deflated value of $1.08 per pound. The most popular Oysters gear type associated with dealers was by hand. by hand had the most trips accounting for 57 percent of the total (Figure 102). The most effective gear based on average CPUE was dredges.

3.5.1.13 Shrimp Data Profile

The shrimp fishery in North Carolina is the combination of three species: brown, pink, and white. The landings of Shrimp showed a variable trend from 1994 to 2002 (Table 51; Figure 103). After 2002, the landings of Shrimp declined and to a minimum in 2005. Landings then increased overall to 2008 and remained stable from 2009 to 2014. Landings then increased dramatically starting in 2015 and reached historic highs in 2017. Shrimp landings ranged from a maximum of 13,896,352 pounds in 2017 to a minimum of 2,357,516 pounds in 2005. Shrimp yearly average landings are 7,244,481 pounds and account for 15.89 percent of the total shellfish landings.

Shrimp accounted for 29.69 percent of the total shellfish ex-vessel value (Table 52; Figure 104). The current value for this species had a range of $29,606,853 in 2017 to $4,409,124 in 2005. While the range for deflated value was $6,501,374 in 2000 and $993,817 in 2005. Values for Shrimp overall followed the landings trends. The current ex-vessel price per pound fluctuated between $3.02 and $1.58 while the deflated price per pound ranged from $0.78 to $0.32. Current and deflated price per pound values also loosely followed the landing trends except for the last three years where the they declined sharply. Shrimp CPUE showed an overall increasing trend for the complete time series, with a high CPUE of 1460.16 pound/trip in 2017 to 307.96 pound/trip in 1996 (Table 53).

Annual trends in the number of vessels and fishermen involved in harvesting Shrimp loosely exhibited the same patterns displayed in the landings trends (Figure 106). Vessel counts ranged from 1,255 in 1995 to 408 in 2011, while fishermen totaled a maximum of 1,080 in 1995 to a minimum 390 in 2011. The number of dealers for Shrimp followed the same trend but had a much smaller range of 284 to 169. The annual average participant values were 719 vessels, 626 fishermen, and 230 dealers. The estimated potential earnings per participant on an annual basis was $23,309, $26,244, and $69,166 per vessel, fisherman, and dealer respectively. The annual average deflated value per vessel, fisherman, and dealer were $4,953, $5,609 and $15,264.

Shrimp trips represented 7.83 percent of the total shellfish trips (Figure 107). The number of trips reported to have Shrimp landings was at a maximum in 1995 with a total of 23,890 trips. The least number of trips occurred in 5,359 with 2011 trips having reported landings of this species. The average annual trips reported was 12,465.

Shrimp were primarily harvested with three types of gears: trawls, channel net, and other. The principal gear used in the time series was trawls making up 97 percent of the total landings and accounting for 98 percent of the value. The most lucrative current ex-vessel price per pound for this species was with other gears for $2.24 a pound and a deflated value of $0.49 per pound (Figure 105). The most common gear used to harvest Shrimp was trawls which had the most trips accounting for 87 percent of the total. Trawls were also the most effective gear based on average CPUE.

4 DISCUSSION

4.1 Factors that Can Influence Landings

Several factors can influence the trends observed in commercial landings for North Carolina. These can include environmental and ecological impacts, changes in management strategies, market conditions, social and economic factors, and changes within the fishery. Environmental and ecological changes that can affect commercial landings include alterations in the ecological community structure, deterioration or enhancement of habitat and water quality, and weather events such as hurricanes or droughts. Changes in fisheries management can affect landings by creating regulations that control effort or harvest to maintain commercially viable stocks. Market conditions can have an influence on landings by dictating which species are targeted based on the needs of the retail industry which in turn drives changes in the ex-vessel value. Social and economic changes that can affect commercial landings include user group conflicts, the total amount of effort employed in a fishery and the expense of operating within the fishery. Changes in the type of gear and modifications to existing gear are examples of changes that occur in the fishery that can have an impact on trends in commercial landings.

From 1972 to 2017 landings in North Carolina's commercial fisheries have varied widely due to many of the factors listed above. These factors have had an economic impact on the commercial state-managed species of North Carolina. In 2017 the ex-vessel value was over $118 million dollars. The top three most economically important state-managed species in North Carolina for 2017 were Shrimp, hard Blue Crabs, and Southern Flounder. These three species groups remain on top when reviewing the most economically important species in the last five years and then the last 24 years combined. The greatest economically important gear types were pots, trawls, and gill nets. Management strategies that pertain to these species and gears have and continue to have a significant impact on North Carolina's commercial fishing community and economy.

4.2 North Carolina Commercial Fishery Characterization and Impact

The total economic impact for all state-managed species as determined by an input-output model using an IMPLAN V3 was over $118 million dollars in 2017. The cumulative impact on the economy of the state of North Carolina was greatest for Shrimp at $47.2.4 million, seconded by Blue Crabs at $35.5 million, and Southern Flounder at $19.1 million. For 2017 the number of jobs created from commercial fishing were greatest for Shrimp at 124 and hard Blue Crabs at 93. The number of licensed fishermen employed in the North Carolina commercial fishing industry were greatest for hard Blue Crabs, Southern Flounder, and Hard Clams. New jobs were generated primarily in commercial fishing, transportation, restaurant, and real estate industries. Industries most impacted monetarily by all species in general were owner-occupied dwellings, transportation,

wholesale trade, real estate, and hospitals. The average annual potential earnings per worker were greatest for Shrimp followed by hard Blue Crabs.

A number of studies have been conducted to examine the socioeconomic aspects of the commercial fishing harvesting sector. Statewide, most commercial fishermen are male (97 percent) and Caucasian (95 percent) (Stemle and Wiegand 2017a; Stemle and Wiegand 2017b; Hadley and Wiegand 2014). Likewise, the majority of 77 percent of commercial fishermen are married and 89 percent have a high school education or higher (Stemle and Wiegand 2017a; Stemle and Wiegand 2017b, Hadley and Wiegand 2014).

The data in this report suggest that there are several issues that may have implications on the livelihood of commercial fishermen in North Carolina. First, the decline in overall harvest since 1997 was likely due to both management strategies and natural fluctuations in stocks and the environment. Second, an increased level of recent management measures directed towards gill nets, trawls, and pots or hard Blue Crabs, Southern Flounder, and Shrimp, all of which are major gears and species associated with the highest ex-vessel values. These have a high likelihood of having a significant impact on the livelihood of the majority of North Carolina's commercial fishermen due to their sheer historical quantities and values.

A third issue is competition from imported seafood and receiving a lower price per pound for harvest is another major concern (Cheuvront 2002; Crosson 2007a, 2007b, Hadley and Weigand 2014, Stemle and Weigand 2017a, 2017b). Fishermen often express concerns that imported seafood drive down the prices of local seafood products. Other concerns include rising fuel prices and coastal development (Stemle and Wiegand 2017a, 2017b; Hadley and Wiegand 2014). A common attitude expressed in recent years data collections is that fishermen believe they are working harder than ever to catch fish, and nearly half of respondents statewide did not believe they could make a living commercial fishing in 10 years (Stemle and Wiegand 2017a, 2017b; Hadley and Wiegand 2014).

4.3 Research Limitations

The main limitation within this study was that the data used focused only on participants who landed and sold their catch during the 1994 to 2017 period. Therefore, changes in the number of participants, whether it is the number of fishermen, dealers, or vessels, only represented the variation in the number of those participants reporting landings. Participants that fish but do not sell their catch are not accounted for in this analysis. Likewise, the data presented in this report only reflects the landings that may have been sold legally to commercial fish dealers. Landings that were sold illegally, along with catch that was kept for personal consumption by commercial fishermen, were not accounted for in this report and currently cannot be accurately estimated.

The data analysis also included both part-time and full-time fishermen. In addition, a fisherman's total income may be gained by targeting multiple species. For example, Red Drum, may not have been the primary species targeted on a given trip, and when harvested, were considered only incidental catch. This lack of specificity does not allow for conclusions regarding the efforts of targeted trips by participants even though it has an increasing impact on how to evaluate participants concerns of financial longevity in specific species directed fisheries. However, data generated in this analysis are still useful as a data baseline for future development of fisheries

management plans and can be used to determine the potential effects of past management strategies or future options.

4.4 Conclusions and Future Research

The commercial fishing industry is an important economic component to the state of North Carolina and its coastal counties. Data generated in this report are needed for future development of fisheries management plans and can be used to determine the potential effects of future management strategies or options. Future research objectives include determining additional ways to quantify the effects of recent weather events, illegal harvesting, and fishery management measures have on the North Carolina commercial fishing industry. Analytical and reporting techniques should continue to be updated and modified to improve the data received through the NCTTP and the analytical capability of the program.

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6 TABLES

Table 1. Annual finfish, shellfish, and total commercial landings in pounds from 1972 to 2017.

Year	Total Landings (lb)	Finfish Landings (lb)	Shellfish Landings (lb)	Percent Finfish (%)	Percent Shellfish (%)
1972	167,901,560	146,847,017	21,054,543	87.46	12.54
1973	130,452,662	111,866,832	18,585,830	85.75	14.25
1974	196,049,202	173,240,234	22,808,968	88.37	11.63
1975	231,703,491	214,517,385	17,186,106	92.58	7.42
1976	220,477,235	200,023,988	20,453,247	90.72	9.28
1977	244,750,585	224,865,426	19,885,159	91.88	8.12
1978	299,541,347	269,229,292	30,312,055	89.88	10.12
1979	390,472,084	354,085,423	36,386,661	90.68	9.32
1980	356,192,806	308,046,031	48,146,775	86.48	13.52
1981	432,005,883	388,552,891	43,452,992	89.94	10.06
1982	307,967,923	259,889,675	48,078,248	84.39	15.61
1983	287,732,830	244,086,111	43,646,719	84.83	15.17
1984	277,168,991	235,844,829	41,324,162	85.09	14.91
1985	214,874,088	170,331,478	44,542,610	79.27	20.73
1986	168,881,625	134,399,216	34,482,409	79.58	20.42
1987	157,323,919	114,956,317	42,367,602	73.07	26.93
1988	192,693,176	143,831,049	48,862,127	74.64	25.36
1989	165,197,479	117,328,601	47,868,878	71.02	28.98
1990	174,992,869	125,181,567	49,811,302	71.54	28.46
1991	212,641,148	157,651,237	54,989,911	74.14	25.86
1992	154,429,821	106,089,955	48,339,866	68.70	31.30
1993	170,697,476	118,359,356	52,338,120	69.34	30.66
1994	192,912,325	130,406,672	62,505,653	67.60	32.40
1995	175,765,021	118,636,226	57,128,794	67.50	32.50
1996	191,122,672	117,381,210	73,741,463	61.42	38.58
1997	228,565,330	163,514,248	65,051,082	71.54	28.46
1998	180,230,558	111,407,313	68,823,245	61.81	38.19
1999	153,742,046	86,092,743	67,649,303	56.00	44.00
2000	154,220,098	102,060,290	52,159,808	66.18	33.82
2001	137,166,335	98,046,600	39,119,735	71.48	28.52
2002	160,174,305	110,937,770	49,236,536	69.26	30.74
2003	139,423,505	88,672,089	50,751,417	63.60	36.40
2004	134,107,302	91,381,709	42,725,593	68.14	31.86
2005	79,628,910	49,433,481	30,195,429	62.08	37.92
2006	68,743,347	35,643,190	33,100,157	51.85	48.15
2007	62,874,979	30,415,458	32,459,521	48.37	51.63
2008	71,200,227	27,621,065	43,579,163	38.79	61.21
2009	68,963,323	32,330,247	36,633,075	46.88	53.12
2010	72,001,861	32,497,821	39,504,040	45.13	54.87
2011	67,502,014	29,739,093	37,762,921	44.06	55.94
2012	56,690,935	22,734,334	33,956,601	40.10	59.90
2013	50,197,234	22,003,149	28,194,084	43.83	56.17
2014	61,975,412	29,456,169	32,519,243	47.53	52.47
2015	65,945,654	23,293,352	42,652,301	35.32	64.68
2016	59,940,504	19,903,082	40,037,422	33.20	66.80
2017	54,373,398	19,734,622	34,638,776	36.29	63.71

Table 2 Annual finfish, shellfish, and total commercial landings in pounds from 1972 to 2017 excluding Atlantic Menhaden landings.

Year	Total Landings (lb)	Finfish Landings (lb)	Shellfish Landings (lb)	Percent Finfish (%)	Percent Shellfish (%)
1972	83,209,540	62,154,997	21,054,543	74.70	25.30
1973	63,509,632	44,923,802	18,585,830	70.74	29.26
1974	74,851,562	52,042,594	22,808,968	69.53	30.47
1975	77,898,290	60,712,184	17,186,106	77.94	22.06
1976	85,574,745	65,121,498	20,453,247	76.10	23.90
1977	86,631,255	66,746,096	19,885,159	77.05	22.95
1978	107,217,177	76,905,122	30,312,055	71.73	28.27
1979	136,142,094	99,755,433	36,386,661	73.27	26.73
1980	159,272,436	111,125,661	48,146,775	69.77	30.23
1981	122,591,173	79,138,181	43,452,992	64.55	35.45
1982	120,952,833	72,874,585	48,078,248	60.25	39.75
1983	109,759,390	66,112,671	43,646,719	60.23	39.77
1984	119,501,511	78,177,349	41,324,162	65.42	34.58
1985	117,135,685	72,593,075	44,542,610	61.97	38.03
1986	102,503,694	68,021,285	34,482,409	66.36	33.64
1987	101,825,348	59,457,746	42,367,602	58.39	41.61
1988	118,977,463	70,115,336	48,862,127	58.93	41.07
1989	98,441,191	50,572,313	47,868,878	51.37	48.63
1990	102,760,880	52,949,578	49,811,302	51.53	48.47
1991	102,112,394	47,122,483	54,989,911	46.15	53.85
1992	96,914,109	48,574,243	48,339,866	50.12	49.88
1993	105,986,092	53,647,972	52,338,120	50.62	49.38
1994	119,058,424	56,552,770	62,505,653	47.50	52.50
1995	117,390,940	60,262,146	57,128,794	51.33	48.67
1996	137,271,729	63,530,267	73,741,463	46.28	53.72
1997	130,838,273	65,787,191	65,051,082	50.28	49.72
1998	122,254,104	53,430,859	68,823,245	43.70	56.30
1999	110,942,965	43,293,663	67,649,303	39.02	60.98
2000	97,939,986	45,780,178	52,159,808	46.74	53.26
2001	81,153,939	42,034,204	39,119,735	51.80	48.20
2002	90,983,710	41,747,174	49,236,536	45.88	54.12
2003	90,487,003	39,735,586	50,751,417	43.91	56.09
2004	83,529,320	40,803,727	42,725,593	48.85	51.15
2005	66,241,487	36,046,058	30,195,429	54.42	45.58
2006	67,780,696	34,680,540	33,100,157	51.17	48.83
2007	61,740,771	29,281,250	32,459,521	47.43	52.57
2008	70,554,997	26,975,834	43,579,163	38.23	61.77
2009	66,838,589	30,205,514	36,633,075	45.19	54.81
2010	70,702,711	31,198,671	39,504,040	44.13	55.87
2011	63,972,011	26,209,090	37,762,921	40.97	59.03
2012	56,152,143	22,195,542	33,956,601	39.53	60.47
2013	49,743,028	21,548,943	28,194,084	43.32	56.68
2014	61,058,037	28,538,794	32,519,243	46.74	53.26
2015	65,048,735	22,396,434	42,652,301	34.43	65.57
2016	59,542,779	19,505,358	40,037,422	32.76	67.24
2017	53,621,121	18,982,344	34,638,776	35.40	64.60

Table 3. Yearly current and deflated value for finfish, shellfish, and total commercial landings from 1972 to 2017.

Year	Total Landings Ex-vessel value ($)	Total Landings Deflated Value ($)	Finfish Ex-vessel value ($)	Finfish Deflated Value ($)	Percent Finfish (%)	Shellfish Ex-vessel value ($)	Shellfish Deflated Value ($)	Percent Shellfish (%)
1972	11,798,839	11,798,839	5,760,579	5,760,579	48.82	6,038,260	6,038,260	51.18
1973	15,954,632	14,091,131	8,515,708	7,521,073	53.37	7,438,924	6,570,058	46.63
1974	17,324,437	13,454,158	10,346,553	8,035,133	59.72	6,977,884	5,419,025	40.28
1975	19,452,677	13,926,171	12,255,425	8,773,659	63.00	7,197,252	5,152,513	37.00
1976	27,409,284	19,022,043	14,613,266	10,141,607	53.32	12,796,018	8,880,436	46.68
1977	28,374,435	18,585,255	16,079,228	10,531,894	56.67	12,295,207	8,053,361	43.33
1978	40,608,865	24,243,492	24,388,794	14,560,110	60.06	16,220,071	9,683,382	39.94
1979	58,454,065	31,530,123	32,829,300	17,708,124	56.16	25,624,765	13,821,998	43.84
1980	68,783,510	34,192,283	34,725,754	17,262,172	50.49	34,057,756	16,930,111	49.51
1981	57,520,010	26,516,725	36,280,328	16,725,231	63.07	21,239,682	9,791,493	36.93
1982	63,823,852	28,273,966	31,974,441	14,164,677	50.10	31,849,411	14,109,289	49.90
1983	57,424,985	24,876,504	27,752,454	12,022,363	48.33	29,672,531	12,854,140	51.67
1984	57,263,068	23,913,057	31,214,354	13,035,114	54.51	26,048,714	10,877,943	45.49
1985	64,592,866	26,360,349	28,986,432	11,829,363	44.88	35,606,434	14,530,986	55.12
1986	63,230,849	24,982,508	29,183,330	11,530,334	46.15	34,047,519	13,452,175	53.85
1987	65,707,286	24,949,056	29,698,852	11,276,654	45.20	36,008,434	13,672,402	54.80
1988	77,756,754	28,350,113	34,243,428	12,485,154	44.04	43,513,326	15,864,959	55.96
1989	73,957,607	25,522,770	33,449,737	11,543,504	45.23	40,507,870	13,979,266	54.77
1990	70,692,290	23,066,894	31,388,992	10,242,228	44.40	39,303,298	12,824,666	55.60
1991	66,787,706	21,044,806	28,648,802	9,027,238	42.90	38,138,904	12,017,569	57.10
1992	58,024,644	18,028,257	26,359,229	8,189,812	45.43	31,665,415	9,838,444	54.57
1993	64,603,792	19,665,394	29,660,592	9,028,684	45.91	34,943,200	10,636,710	54.09
1994	91,270,550	27,143,862	37,327,560	11,101,216	40.90	53,942,991	16,042,645	59.10

Table 3. Yearly current and deflated value for finfish, shellfish, and total commercial landings from 1972 to 2017 continued.

Year	Total Landings Ex-vessel value ($)	Total Landings Deflated Value ($)	Finfish Ex-vessel value ($)	Finfish Deflated Value ($)	Percent Finfish (%)	Shellfish Ex-vessel value ($)	Shellfish Deflated Value ($)	Percent Shellfish (%)
1995	109,367,901	31,662,007	45,657,213	13,217,763	41.75	63,710,688	18,444,244	58.25
1996	105,531,261	29,590,966	42,806,170	12,002,850	40.56	62,725,091	17,588,116	59.44
1997	108,988,117	29,786,452	46,295,327	12,652,513	42.48	62,692,789	17,133,939	57.52
1998	101,018,535	27,022,458	38,616,550	10,329,927	38.23	62,401,985	16,692,531	61.77
1999	99,681,050	26,096,499	34,774,113	9,103,863	34.89	64,906,937	16,992,636	65.11
2000	108,314,811	27,717,760	39,593,160	10,131,890	36.55	68,721,651	17,585,870	63.45
2001	88,143,189	21,885,954	36,085,805	8,960,105	40.94	52,057,384	12,925,848	59.06
2002	94,747,541	23,099,450	37,266,815	9,085,650	39.33	57,480,726	14,013,801	60.67
2003	87,112,832	20,802,544	33,742,337	8,057,670	38.73	53,370,495	12,744,874	61.27
2004	79,705,074	18,411,872	38,904,066	8,986,839	48.81	40,801,008	9,425,033	51.19
2005	64,888,407	14,625,847	34,895,868	7,865,529	53.78	29,992,539	6,760,318	46.22
2006	70,085,319	15,432,787	37,669,932	8,294,919	53.75	32,415,388	7,137,868	46.25
2007	82,283,541	17,444,111	36,192,576	7,672,826	43.99	46,090,964	9,771,284	56.01
2008	86,809,702	17,466,112	34,419,876	6,925,279	39.65	52,389,826	10,540,833	60.35
2009	77,196,101	15,246,230	33,983,715	6,711,784	44.02	43,212,386	8,534,446	55.98
2010	79,866,731	15,645,893	33,371,022	6,537,383	41.78	46,495,710	9,108,510	58.22
2011	71,184,008	13,460,896	31,278,458	5,914,756	43.94	39,905,550	7,546,140	56.06
2012	72,571,092	13,382,109	31,016,774	5,719,493	42.74	41,554,318	7,662,616	57.26
2013	79,103,678	14,388,959	29,819,788	5,424,219	37.70	49,283,890	8,964,740	62.30
2014	94,111,292	16,732,988	37,034,162	6,584,674	39.35	57,077,130	10,148,314	60.65
2015	94,711,040	16,536,548	32,395,003	5,656,167	34.20	62,316,037	10,880,380	65.80
2016	94,046,920	16,364,164	32,696,655	5,689,218	34.77	61,350,265	10,674,946	65.23
2017	96,516,128	16,649,032	35,596,034	6,140,316	36.88	60,920,094	10,508,716	63.12
Total	3,266,801,274	982,989,395	1,429,794,557	450,161,559	43.77	1,837,006,717	532,827,836	56.23

Table 4. Total Trips and CPUE for finfish, shellfish, and finfish without menhaden from 1994 to 2017.

Year	Finfish Trips	Finfish CPUE[1]	Shellfish Trips	Shellfish CPUE[1]	Finfish Without Atl. Menhaden Trips	Finfish Without Atl. Menhaden CPUE[1]
1994	88,275	1,477.28	201,700	310.27	87,810	644.04
1995	93,881	1,263.69	207,802	274.92	93,531	644.30
1996	84,764	1,384.80	190,051	388.41	84,199	754.53
1997	94,915	1,722.74	203,134	320.24	94,041	699.56
1998	82,823	1,345.13	204,156	337.11	82,041	651.27
1999	81,981	1,050.15	185,713	364.27	81,569	530.76
2000	80,402	1,269.38	184,227	283.13	80,983	565.31
2001	78,052	1,256.17	190,203	205.67	78,049	538.56
2002	72,540	1,529.33	164,658	299.02	72,102	579.00
2003	65,228	1,359.42	152,962	331.79	64,782	613.37
2004	61,613	1,483.16	141,086	302.83	61,373	664.85
2005	56,233	879.08	110,171	274.08	55,848	645.43
2006	57,679	617.96	103,666	319.30	56,999	608.44
2007	62,034	490.30	109,229	297.17	61,479	476.28
2008	58,082	475.55	103,042	422.93	57,782	466.86
2009	59,609	542.37	111,205	329.42	59,100	511.09
2010	49,861	651.77	111,010	355.86	49,468	630.68
2011	43,883	677.69	100,057	377.41	43,468	602.95
2012	49,339	460.78	99,200	342.30	49,128	451.79
2013	54,671	402.46	99,866	282.32	54,376	396.30
2014	45,983	640.59	105,531	308.15	45,475	627.57
2015	41,266	564.47	106,670	399.85	40,801	548.92
2016	40,495	491.49	100,935	396.67	40,348	483.43
2017	45,922	429.74	89,317	387.82	45,590	416.37

1 CPUE = landings in pound / number of trips

Table 5. Total landings, value, trips, and effort for major commercial gear types from 1994-2017.

Gear	Landings (lb)	Percent Landings (%)	Ex-vessel value ($)	Deflated Value ($)	Percent Ex-vessel value (%)	Trips	Percent Trips (%)	CPUE[1]
Dredges	8,783,084	0.33	48,529,314	10,180,359	2.10	74,698	1.64	118
Gill Nets	433,520,329	16.13	263,572,190	59,896,277	12.35	1,012,516	22.23	428
Hand	17,660,727	0.66	103,405,875	22,992,181	4.74	930,834	20.44	19
Haul Seines	36,692,019	1.37	19,254,985	4,734,967	0.98	20,807	0.46	1,763
Longlines	59,923,994	2.23	98,950,849	21,152,399	4.36	16,072	0.35	3,728
Other Gears[2]	13,290,441	0.49	19,761,863	2,934,014	0.60	57,835	1.27	230
Pots	864,422,531	32.16	725,121,195	166,657,778	34.35	1,886,973	41.44	458
Pounds Nets	46,923,821	1.75	57,503,694	13,255,705	2.73	73,780	1.62	636
Purse Seines	707,250,835	26.32	51,711,899	13,567,453	2.80	1,077	0.02	656,686
Rod and Reel	71,396,529	2.66	143,532,716	32,579,338	6.71	147,982	3.25	482
Trawls	424,733,107	15.80	605,917,875	137,233,152	28.28	331,263	7.27	1,282
Total	2,684,597,417	100.00	2,137,262,455	485,183,625	100.00	4,553,837	100.00	590

1 CPUE = landings in pound / number of trips

2 Other gears includes by gigs, rakes, scallop scoop, spears, diving, tongs, trotline, cast net, channel net, butterfly net, fyke/hoop and swipe net.

Table 6. Total landings, trips, and effort for major commercial species types from 1994-2017.

Species	Landings (lb)	Average Landings (lb)	Percent Landings (%)	Landings Rank	Trips	Average Trips	Percent Trips (%)	Trip Rank	CPUE[1]
Amberjack	3,171,208	132,134	0.20	34	26,697	1,112	0.60	32	119
American Eel	2,001,494	83,396	0.13	37	6,927	289	0.15	37	289
Atlantic Croaker	177,561,533	7,398,397	11.14	2	208,614	8,692	4.65	9	851
Atlantic Menhaden	692,619,797	28,859,158	43.47	1	69,964	2,915	1.56	18	9,900
Atlantic Spadefish	715,228	29,801	0.04	39	24,833	1,035	0.55	33	29
Bluefish	59,570,276	2,482,095	3.74	6	234,995	9,791	5.24	6	253
Catfishes	15,756,029	656,501	0.99	16	242,765	10,115	5.41	3	65
Dolphin	5,829,610	242,900	0.37	25	28,401	1,183	0.63	31	205
Flounder, Southern[2]	61,811,436	2,575,477	3.88	5	692,049	28,835	15.44	1	89
Flounder, Summer	71,675,496	2,986,479	4.50	4	38,291	1,595	0.85	23	1,872
Groupers	13,800,926	575,039	0.87	19	56,431	2,351	1.26	20	245
Herring, River[2]	4,499,078	187,462	0.28	28	30,469	1,270	0.68	29	148
Herring, Thread	43,561,341	1,815,056	2.73	8	529	22	0.01	41	82,347
Hog Snapper	278,613	11,609	0.02	41	6,504	271	0.15	38	43
Kingfish[2]	16,374,613	682,276	1.03	15	183,318	7,638	4.09	10	89
Mackerel, King	19,499,651	812,485	1.22	14	73,815	3,076	1.65	17	264
Mackerel, Spanish	14,613,696	608,904	0.92	17	82,972	3,457	1.85	15	176
Monkfish	6,394,195	266,425	0.40	24	11,735	489	0.26	34	545
Other Finfish	29,999,650	1,249,985	1.88	12	488,956	20,373	10.91	2	61
Perch, White	5,503,983	229,333	0.35	26	137,304	5,721	3.06	13	40
Perch, Yellow	1,360,789	56,700	0.09	38	64,582	2,691	1.44	19	21
Porgies	2,329,702	97,071	0.15	36	34,830	1,451	0.78	25	67
Red Drum[2]	4,038,465	168,269	0.25	30	182,363	7,598	4.07	11	22
Scup	3,248,342	135,348	0.20	33	1,427	59	0.03	40	2,276
Sea Basses	13,992,333	583,014	0.88	18	54,893	2,287	1.22	22	255

Table 6. Total landings, trips, and effort for major commercial species types from 1994-2017 continued.

Species	Landings (lb)	Average Landings (lb)	Percent Landings (%)	Landings Rank	Trips	Average Trips	Percent Trips (%)	Trip Rank	CPUE[1]
Shad, American	4,919,605	204,984	0.31	27	86,729	3,614	1.93	14	57
Shad, Gizzard	3,998,152	166,590	0.25	32	34,900	1,454	0.78	24	115
Shad, Hickory	2,408,402	100,350	0.15	35	55,450	2,310	1.24	21	43
Sharks	28,088,965	1,170,374	1.76	13	29,992	1,250	0.67	30	937
Sharks, Dogfishes	90,964,990	3,790,208	5.71	3	34,819	1,451	0.78	26	2,613
Snappers	9,045,477	376,895	0.57	22	33,938	1,414	0.76	27	267
Spot	38,251,729	1,593,822	2.40	9	215,682	8,987	4.81	8	177
Spotted Seatrout[2]	6,547,679	272,820	0.41	23	230,621	9,609	5.14	7	28
Striped Bass[2]	9,743,335	405,972	0.61	21	170,739	7,114	3.81	12	57
Striped Mullet[2]	43,776,625	1,824,026	2.75	7	239,247	9,969	5.34	4	183
Swordfish	12,646,882	526,953	0.79	20	5,458	227	0.12	39	2,317
Tilefishes	4,015,805	167,325	0.25	31	11,559	482	0.26	35	347
Triggerfish	4,261,102	177,546	0.27	29	31,163	1,298	0.70	28	137
Tunas	33,625,593	1,401,066	2.11	10	74,339	3,097	1.66	16	452
Wahoo	514,052	21,419	0.03	40	7,767	324	0.17	36	66
Weakfish	30,326,059	1,263,586	1.90	11	237,303	9,888	5.29	5	128
Total	1,593,341,934		100.00		4,483,37(		100.00		

1 CPUE = Total pounds landed / total number of trips

2 Indicates profiled species.

Table 7. Total value and deflated value for major commercial species groups and species from 1994-2017.

Species	Value ($)	Average Ex-vessel value ($)	Percent Current Value (%)	Ex-vessel value per Pound	Deflated Value ($)	Value Rank
Amberjack	2,304,247	96,010	0.26	0.73	496,675	33
American Eel	3,997,291	166,554	0.46	2.00	943,229	30
Atlantic Croaker	66,659,535	2,777,481	7.65	0.38	15,255,255	4
Atlantic Menhaden	51,708,350	2,154,515	5.93	0.07	13,393,956	5
Atlantic Spadefish	213,486	8,895	0.02	0.30	48,433	41
Bluefish	19,501,905	812,579	2.24	0.33	4,454,980	12
Catfishes	4,118,570	171,607	0.47	0.26	947,941	28
Dolphin	12,635,807	526,492	1.45	2.17	2,636,171	21
Flounder, Southern[1]	125,250,553	5,218,773	14.37	2.03	29,130,237	2
Flounder, Summer	146,905,068	6,121,045	16.86	2.05	32,859,873	1
Groupers	36,766,636	1,531,943	4.22	2.66	8,310,978	6
Herring, River[1]	1,583,011	65,959	0.18	0.35	409,994	35
Herring, Thread	3,320,942	138,373	0.38	0.08	911,979	31
Hog Snapper	704,015	29,334	0.08	2.53	154,296	38
Kingfish[1]	16,287,961	678,665	1.87	0.99	3,547,691	17
Mackerel, King	33,748,882	1,406,203	3.87	1.73	7,789,346	7
Mackerel, Spanish	16,989,371	707,890	1.95	1.16	3,497,527	15
Monkfish	5,890,032	245,418	0.68	0.92	1,474,219	25
Other Finfish	16,122,777	671,782	1.85	0.54	3,537,792	18
Perch, White	4,063,977	169,332	0.47	0.74	896,958	29
Perch, Yellow	1,386,172	57,757	0.16	1.02	319,007	36
Porgies	2,940,927	122,539	0.34	1.26	694,969	32
Red Drum[1]	5,897,579	245,732	0.68	1.46	1,267,449	24
Scup	1,751,928	72,997	0.20	0.54	372,035	34
Sea Basses	27,405,424	1,141,893	3.14	1.96	6,049,948	9
Shad, American	4,309,240	179,552	0.49	0.88	963,292	27

Table 7 Total value and deflated value for major commercial species groups and species from 1994-2017 continued.

Species	Value ($)	Average Ex-vessel value ($)	Percent Current Value (%)	Ex-vessel value per Pound	Deflated Value ($)	Value Rank
Shad, Gizzard	286,288	11,929	0.03	0.07	66,887	40
Shad, Hickory	568,572	23,690	0.07	0.24	126,610	39
Sharks	12,777,699	532,404	1.47	0.45	3,079,455	20
Sharks, Dogfishes	14,963,261	623,469	1.72	0.16	3,562,218	19
Snappers	24,661,922	1,027,580	2.83	2.73	5,528,566	11
Spot	18,897,349	787,390	2.17	0.49	4,455,056	13
Spotted Seatrout[1]	10,226,778	426,116	1.17	1.56	2,247,713	22
Striped Bass[1]	16,790,703	699,613	1.93	1.72	3,766,053	16
Striped Mullet[1]	25,281,905	1,053,413	2.90	0.58	5,829,181	10
Swordfish	33,377,273	1,390,720	3.83	2.64	7,015,473	8
Tilefishes	7,013,647	292,235	0.80	1.75	1,474,250	23
Triggerfish	5,512,559	229,690	0.63	1.29	1,176,208	26
Tunas	69,687,028	2,903,626	8.00	2.07	15,168,174	3
Wahoo	1,308,490	54,520	0.15	2.55	287,599	37
Weakfish	17,621,815	734,242	2.02	0.58	4,619,178	14
Total	871,438,979		100.00		198,766,850	

1 Indicates profiled species.

Table 8. Shellfish total landings, trip, and effort summary for 1994 to 2017.

Species	Landings (lb)	Average Landings (lb)	Percent Landings (%)	Landings Rank	Trips	Average Trips	Percent Trips (%)	Trip Rank	CPUE[1]
Bay Scallop[2]	539,793	22,491	0.05	8	7,633	318	0.20	8	71
Blue Crab, Hard[2]	848,648,647	35,360,360	77.55	1	1,722,345	71,764	45.09	1	493
Blue Crab, Peeler[2]	17,492,496	728,854	1.60	4	386,910	16,121	10.13	3	45
Blue Crab, Soft[2]	11,687,079	486,962	1.07	6	201,671	8,403	5.28	6	58
Hard Clams[2]	11,948,736	497,864	1.09	5	726,405	30,267	19.02	2	16
Other Shellfish	19,459,998	810,833	1.78	3	151,544	6,314	3.97	7	128
Oysters[2]	10,634,068	443,086	0.97	7	324,007	13,500	8.48	4	33
Shrimp[2]	173,867,545	7,244,481	15.89	2	299,171	12,465	7.83	5	581

1. CPUE = Total pounds landed / total number of trips

2. Indicates profiled species.

Table 9. Shellfish total landings value summary for 1994 to 2017.

Species	Current Value ($)	Average Current Value ($)	Ex-vessel value per Pound	Percent of Ex-vessel value (%)	Deflated Value ($)	Value Rank
Bay Scallop[1]	1,487,954	61,998	2.76	0.12	397,313	8
Blue Crab, Hard[1]	631,396,875	26,308,203	0.74	49.88	145,824,207	1
Blue Crab, Peeler[1]	37,108,516	1,546,188	2.12	2.93	8,376,102	6
Blue Crab, Soft[1]	53,985,016	2,249,376	4.62	4.26	12,304,044	5
Hard Clam[1]	79,617,074	3,317,378	6.66	6.29	18,556,839	3
Other Shellfish	31,644,586	1,318,524	1.63	2.50	6,851,462	7
Oysters[1]	54,785,068	2,282,711	5.15	4.33	11,049,490	4
Shrimp[1]	375,798,388	15,658,266	2.16	29.69	84,471,425	2

1. Indicates profiled species.

Table 10. Total landings, value, and participant summary for profile species from 1994 to 2017.

Species	Vessels	Fishermen	Dealers	Sum of Trips	Landings (lb)	Ex-vessel value ($)	Deflated Value ($)
Bay Scallop	1,311	1,349	250	7,633	539,793	1,487,954	397,313
Blue Crab, Hard	38,994	31,734	6,080	1,722,345	848,648,647	631,396,875	145,824,207
Blue Crab, Peeler	19,839	17,092	3,330	386,910	17,492,496	37,108,516	8,376,102
Blue Crab, Soft	9,620	8,478	2,723	201,671	11,687,079	53,985,016	12,304,044
Flounder, Southern	41,516	35,623	5,883	692,049	61,811,436	125,250,553	29,130,237
Hard Clam	21,123	25,365	2,184	726,405	11,948,736	79,617,074	18,556,839
Herring, River	2,768	2,546	592	30,469	4,499,078	1,583,011	409,994
Kingfish	18,971	16,967	3,570	183,318	16,374,613	16,287,961	3,547,691
Oysters	15,947	18,238	3,533	324,007	10,634,068	54,785,068	11,049,490
Red Drum	19,569	17,386	3,344	182,363	4,038,465	5,897,579	1,267,449
Shrimp	17,266	15,034	5,508	299,171	173,867,545	375,798,388	84,471,425
Spotted Seatrout	26,276	23,182	4,191	230,621	6,547,679	10,226,778	2,247,713
Striped Bass	15,396	14,465	1,710	170,739	9,743,335	16,790,703	3,766,053
Striped Mullet	26,528	23,658	4,847	239,247	43,776,625	25,281,905	5,829,181
Total	275,124	251,117	47,745	5,396,948	1,221,609,596	1,435,497,382	327,177,737

Table 11. Average landings, value, and participant summary for profile species from 1994 to 2017.

Species	Average of Vessels	Average of Fishermen	Average of Dealers	Average of Trips	Average of Landings (lb)	Average of Ex-vessel value ($)	Average of Deflated Value ($)
Bay Scallop	94	96	18	545	38,557	106,282	28,380
Blue Crab, Hard	1,625	1,322	253	71,764	35,360,360	26,308,203	6,076,009
Blue Crab, Peeler	827	712	139	16,121	728,854	1,546,188	349,004
Blue Crab, Soft	401	353	113	8,403	486,962	2,249,376	512,668
Flounder, Southern	1,730	1,484	245	28,835	2,575,477	5,218,773	1,213,760
Hard Clam	880	1,057	91	30,267	497,864	3,317,378	773,202
Herring, River	132	121	28	1,451	214,242	75,381	19,524
Kingfish	790	707	149	7,638	682,276	678,665	147,820
Oysters	664	760	147	13,500	443,086	2,282,711	460,395
Red Drum	815	724	139	7,598	168,269	245,732	52,810
Shrimp	719	626	230	12,465	7,244,481	15,658,266	3,519,643
Spotted Seatrout	1,095	966	175	9,609	272,820	426,116	93,655
Striped Bass	642	603	71	7,114	405,972	699,613	156,919
Striped Mullet	1,105	986	202	9,969	1,824,026	1,053,413	242,883
Total	852	777	148	16,709	3,782,073	4,444,264	1,012,934

Table 12. Annual Kingfish summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	620,841	945	830	150	11,088	55.99	424,307	0.68	126,189	0.20
1995	1,058,785	1,059	937	168	12,495	84.74	746,603	0.71	216,142	0.20
1996	528,260	940	830	174	8,907	59.31	470,545	0.89	131,941	0.25
1997	872,888	976	871	176	11,021	79.20	864,030	0.99	236,139	0.27
1998	399,313	829	745	157	8,768	45.54	414,315	1.04	110,829	0.28
1999	607,465	951	783	167	9,428	64.43	621,078	1.02	162,598	0.27
2000	551,940	874	749	152	8,656	63.76	520,965	0.94	133,315	0.24
2001	489,743	781	662	148	7,222	67.81	501,999	1.03	124,646	0.25
2002	619,737	739	663	143	6,473	95.74	603,854	0.97	147,220	0.24
2003	652,636	697	620	151	6,750	96.69	644,920	0.99	154,007	0.24
2004	567,659	717	665	156	6,783	83.69	492,452	0.87	113,757	0.20
2005	296,263	627	576	140	5,082	58.30	271,731	0.92	61,248	0.21
2006	559,440	719	653	143	6,613	84.60	550,566	0.98	121,235	0.22
2007	817,588	747	662	142	6,892	118.63	795,412	0.97	168,627	0.21
2008	921,120	834	760	151	7,233	127.35	815,149	0.88	164,008	0.18
2009	721,924	828	751	156	7,198	100.30	789,000	1.09	155,828	0.22
2010	886,841	713	653	145	6,134	144.58	958,377	1.08	187,746	0.21
2011	486,853	656	608	138	5,028	96.83	520,413	1.07	98,410	0.20
2012	596,249	738	678	137	6,843	87.13	645,607	1.08	119,050	0.20
2013	603,186	801	742	142	8,113	74.35	668,480	1.11	121,597	0.20
2014	955,071	764	684	142	7,291	130.99	1,007,496	1.05	179,133	0.19
2015	786,515	661	598	129	5,993	131.24	860,461	1.09	150,236	0.19
2016	831,974	655	600	138	6,424	129.51	1,004,314	1.21	174,751	0.21
2017	942,322	720	647	125	6,883	136.91	1,095,887	1.16	189,040	0.20

1 CPUE = catch per unit effort landings pounds / number of trips

Table 13. Total Kingfish landings and values by major gear type from 1994 to 2017.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Other Gears	44,644	0.27	1,860	43,948	0.27	1,831	0.98	10,012	0.22
Gill Nets	11,958,148	73.03	498,256	12,133,173	74.49	505,549	1.01	2,577,835	0.22
Haul Seines	786,387	4.80	32,766	754,133	4.63	31,422	0.96	177,938	0.23
Trawls	3,585,433	21.90	149,393	3,356,708	20.61	139,863	0.94	781,907	0.22

Table 14. Total Kingfish trips and effort by major gear type from 1994 to 2017.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Other Gears	6,346	3.46	264	7.04
Gill Nets	118,751	64.78	4,948	100.70
Haul Seines	10,204	5.57	425	77.07
Trawls	48,017	26.19	2,001	74.67

1 CPUE = Catch per unit effort is landings in pounds / total number of trips.

Table 15. Annual Red Drum summary including landings, values, participants, and effort values.

Year	Landings (lb)	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)	Vessels	Fishermen	Dealers	Trips	CPUE[1]
1994	142,169	102,362	0.72	30,442	0.21	893	804	143	4,066	34.97
1995	248,122	223,310	0.90	64,648	0.26	1,151	1,036	168	7,496	33.10
1996	113,338	112,881	1.00	31,652	0.28	940	849	162	4,891	23.17
1997	52,502	56,939	1.08	15,562	0.30	636	571	126	2,440	21.52
1998	294,366	288,397	0.98	77,146	0.26	782	694	155	5,613	52.44
1999	372,942	398,282	1.07	104,270	0.28	1,222	909	158	10,603	35.17
2000	270,953	294,871	1.09	75,457	0.28	1,151	981	158	9,753	27.78
2001	149,616	170,548	1.14	42,347	0.28	905	781	146	8,863	16.88
2002	81,370	89,199	1.10	21,747	0.27	841	737	147	6,709	12.13
2003	90,525	105,671	1.17	25,234	0.28	798	682	142	6,845	13.23
2004	54,086	69,753	1.29	16,113	0.30	563	513	134	3,543	15.27
2005	128,770	173,040	1.34	39,003	0.30	797	696	147	8,307	15.50
2006	169,206	232,818	1.38	51,267	0.30	842	748	149	9,985	16.95
2007	243,658	354,400	1.45	75,133	0.31	901	806	136	12,431	19.60
2008	229,809	352,426	1.53	70,908	0.31	899	827	145	12,002	19.15
2009	200,296	325,625	1.63	64,311	0.32	883	802	128	11,646	17.20
2010	231,828	421,781	1.82	82,627	0.36	749	678	129	8,884	26.09
2011	91,980	166,966	1.82	31,573	0.34	595	549	127	5,187	17.73
2012	66,519	138,833	2.09	25,601	0.38	627	576	130	4,273	15.57
2013	371,949	715,685	1.92	130,183	0.35	1,065	977	160	15,872	23.43
2014	90,647	208,288	2.30	37,034	0.41	569	553	107	3,923	23.11
2015	80,388	196,131	2.44	34,245	0.43	492	450	115	4,126	19.48
2016	77,017	202,785	2.63	35,285	0.46	491	462	98	4,767	16.16
2017	186,411	496,586	2.66	85,661	0.46	777	705	134	10,138	18.39

1 CPUE = catch per unit effort, landings in pounds / number of trips.

Table 16. Total Red Drum landings and values by major gear type from 1994 to 2017.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Other Gears	33,119	0.82	1,380	38,965	0.66	1,624	1.18	9,461	0.29
Pound Nets	190,546	4.72	7,939	314,423	5.33	13,101	1.65	63,597	0.33
Gill Nets	3,594,820	89.01	149,784	5,307,140	89.99	221,131	1.48	1,133,927	0.32
Haul Seines	188,905	4.68	7,871	197,752	3.35	8,240	1.05	51,355	0.27
Pots	31,075	0.77	1,295	39,299	0.67	1,637	1.26	9,109	0.29

Table 17. Total Red Drum trips and effort by major gear type from 1994 to 2017.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Other Gears	2,595	1.42	108	12.76
Pound Nets	9,957	5.46	415	19.14
Gill Nets	164,873	90.41	6,870	21.80
Haul Seines	2,888	1.58	120	65.41
Pots	2,051	1.12	85	15.15

1 CPUE = catch per unit effort, landings in pounds / number of trips.

Table 18. Annual River Herring summary including landings, values, participants, and effort values.

Year[1]	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[2]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	644,334	248	232	55	3,658	176.14	100,999	0.16	30,037	0.05
1995	453,984	241	232	46	2,912	155.90	134,934	0.30	39,063	0.09
1996	529,503	282	265	55	3,215	164.70	132,389	0.25	37,122	0.07
1997	334,809	246	231	51	2,673	125.26	128,988	0.39	35,252	0.11
1998	521,930	248	223	44	2,809	185.81	202,437	0.39	54,152	0.10
1999	443,494	222	204	41	2,815	157.55	180,874	0.41	47,353	0.11
2000	332,336	247	210	46	2,461	135.04	126,685	0.38	32,419	0.10
2001	306,761	172	151	38	1,418	216.33	118,546	0.39	29,435	0.10
2002	174,830	163	146	35	1,902	91.92	65,712	0.38	16,021	0.09
2003	199,716	205	180	42	2,087	95.70	88,862	0.44	21,220	0.11
2004	188,541	148	136	34	1,503	125.44	80,694	0.43	18,640	0.10
2005	250,021	154	144	27	1,792	139.52	128,834	0.52	29,039	0.12
2006	109,847	104	99	27	1,029	106.75	84,276	0.77	18,558	0.17
2007	1,103	9	10	5	22	50.14	856	0.78	181	0.16
2008	1,292	11	9	8	25	51.68	775	0.60	156	0.12
2009	643	13	14	7	27	23.81	836	1.30	165	0.26
2010	1,765	17	16	8	41	43.05	1,765	1.00	346	0.20
2011	1,611	14	16	8	30	53.70	1,611	1.00	305	0.19
2012	678	8	10	5	18	37.67	678	1.00	125	0.18
2013	743	11	12	6	19	39.11	743	1.00	135	0.18
2014	1,139	5	6	4	13	87.62	1,519	1.33	270	0.24

1 Years 2015, 2016, 2017 River Herring was not recorded to have landings.

1 CPUE = catch per unit effort, landings in pounds / number of trips.

Table 19. Total River Herring landings and values by major gear type from 1994 to 2017.

Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
2,969,839	66.01	123,743	925,719	58.48	38,572	0.31	239,108	0.08
1,361,219	30.26	56,717	600,224	37.92	25,009	0.44	156,657	0.12
168,020	3.73	7,001	57,068	3.61	2,378	0.34	14,229	0.08

Table 20. Total River Herring trips and effort by major gear type from 1994 to 2017.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Pound Nets	6,240	20.48	260	475.94
Gill Nets	22,277	73.11	928	61.10
Other Gears	1,952	6.41	81	86.08

1 CPUE = catch per unit effort, landings in pounds / number of trips.

Table 21. Annual Southern Flounder summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	4,878,609	2,568	2,196	253	42,457	114.91	8,044,845	1.65	2,392,537	0.49
1995	4,166,966	2,708	2,277	279	45,745	91.09	7,611,412	1.83	2,203,504	0.53
1996	3,807,009	2,589	2,194	293	40,604	93.76	7,235,817	1.90	2,028,923	0.53
1997	4,076,793	2,553	2,216	278	46,542	87.59	7,981,377	1.96	2,181,310	0.54
1998	3,952,729	2,137	1,837	281	39,435	100.23	7,118,989	1.80	1,904,330	0.48
1999	2,933,331	2,515	1,795	280	35,415	82.83	5,154,205	1.76	1,349,371	0.46
2000	3,205,792	2,296	1,895	262	37,492	85.51	5,660,767	1.77	1,448,590	0.45
2001	3,522,136	2,124	1,736	259	36,006	97.82	5,690,481	1.62	1,412,946	0.40
2002	3,436,753	1,881	1,584	264	33,410	102.87	5,165,017	1.50	1,259,231	0.37
2003	2,198,503	1,708	1,438	257	27,515	79.90	3,661,597	1.67	874,389	0.40
2004	2,454,577	1,568	1,360	259	27,071	90.67	3,880,410	1.58	896,375	0.37
2005	1,870,754	1,359	1,177	235	23,374	80.04	3,462,308	1.85	780,404	0.42
2006	2,287,823	1,369	1,182	222	26,202	87.31	4,850,300	2.12	1,068,036	0.47
2007	2,083,043	1,428	1,248	229	28,397	73.35	4,970,881	2.39	1,053,827	0.51
2008	2,602,390	1,411	1,235	236	28,966	89.84	5,650,295	2.17	1,136,839	0.44
2009	2,396,240	1,464	1,299	247	29,395	81.52	4,609,932	1.92	910,462	0.38
2010	1,689,557	1,329	1,182	223	20,408	82.79	3,695,889	2.19	724,025	0.43
2011	1,247,450	1,141	1,039	217	15,810	78.90	2,753,128	2.21	520,616	0.42
2012	1,646,137	1,333	1,202	249	20,926	78.66	4,451,482	2.70	820,853	0.50
2013	2,186,391	1,439	1,287	245	23,579	92.73	5,673,190	2.59	1,031,953	0.47
2014	1,673,511	1,321	1,222	226	18,121	92.35	4,839,672	2.89	860,494	0.51
2015	1,202,885	1,123	1,029	207	13,880	86.66	3,823,567	3.18	667,595	0.55
2016	897,765	1,001	945	189	13,336	67.32	3,610,533	4.02	628,233	0.70
2017	1,394,291	1,151	1,048	193	17,963	77.62	5,654,461	4.06	975,395	0.70

1 CPUE = catch per unit effort landings pounds / number of trips.

Table 22. Total Southern Flounder landings and values by major gear type from 1994 to 2017.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Trawls	1,315,448	2.13	54,810	2,254,079	1.80	93,920	1.71	583,754	0.44
Pound Nets	22,003,088	35.60	916,795	47,251,287	37.73	1,968,804	2.15	10,967,407	0.50
Other Gears	186,975	0.30	7,791	354,518	0.28	14,772	1.90	84,672	0.45
Gigs	2,273,192	3.68	94,716	5,304,518	4.24	221,022	2.33	1,089,088	0.48
Gill Nets	35,159,205	56.88	1,464,967	68,500,236	54.69	2,854,177	1.95	16,019,601	0.46
Pots	873,528	1.41	36,397	1,585,915	1.27	66,080	1.82	385,716	0.44

Table 23. Total Southern Flounder trips and effort by major gear type from 1994 to 2017.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Trawls	42,630	6.16	1,776	30.86
Pound Nets	51,407	7.43	2,142	428.02
Other Gears	9,642	1.39	402	19.39
Gigs	42,314	6.11	1,763	53.72
Gill Nets	506,438	73.17	21,102	69.42
Pots	39,664	5.73	1,653	22.02

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 24. Annual Spotted Seatrout summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	412,358	1,570	1,399	198	13,659	30.19	492,461	1.19	146,458	0.36
1995	574,296	1,778	1,548	215	16,856	34.07	634,061	1.10	183,561	0.32
1996	226,580	1,364	1,210	214	9,502	23.85	252,404	1.11	70,774	0.31
1997	232,497	1,360	1,217	198	10,924	21.28	283,425	1.22	77,460	0.33
1998	307,671	1,293	1,147	206	12,384	24.84	380,724	1.24	101,844	0.33
1999	546,675	1,689	1,291	203	15,319	35.69	670,460	1.23	175,526	0.32
2000	376,574	1,357	1,159	185	11,241	33.50	467,122	1.24	119,537	0.32
2001	105,714	1,056	901	171	6,490	16.29	134,848	1.28	33,483	0.32
2002	175,555	1,146	989	176	8,855	19.83	213,668	1.22	52,092	0.30
2003	181,462	935	817	178	5,963	30.43	243,394	1.34	58,123	0.32
2004	130,961	783	713	173	5,736	22.83	172,033	1.31	39,740	0.30
2005	129,855	817	732	162	5,823	22.30	173,867	1.34	39,190	0.30
2006	312,624	973	875	168	9,640	32.43	410,701	1.31	90,436	0.29
2007	374,722	978	859	173	11,092	33.78	524,465	1.40	111,187	0.30
2008	304,430	1,026	921	185	10,600	28.72	466,588	1.53	93,878	0.31
2009	320,247	1,086	966	179	11,889	26.94	528,985	1.65	104,475	0.33
2010	202,647	809	726	150	6,540	30.99	354,077	1.75	69,364	0.34
2011	75,239	728	673	140	4,402	17.09	144,596	1.92	27,343	0.36
2012	265,016	1,056	945	172	9,458	28.02	522,130	1.97	96,281	0.36
2013	367,648	1,229	1,093	176	15,302	24.03	818,159	2.23	148,823	0.40
2014	242,245	905	849	145	7,223	33.54	579,343	2.39	103,007	0.43
2015	128,762	682	626	132	4,831	26.65	318,307	2.47	55,576	0.43
2016	253,991	739	685	139	7,140	35.57	661,107	2.60	115,033	0.45
2017	299,910	917	841	153	9,752	30.75	779,852	2.60	134,525	0.45

1 CPUE = catch per unit effort landings pounds / number of trips.

Table 25. Total Spotted Seatrout landings and values by major gear type from 1994 to 2017.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Rod and Reel	53,732	0.82	2,239	72,374	0.71	3,016	1.35	17,854	0.33
Pound Nets	66,908	1.02	2,788	116,678	1.14	4,862	1.74	25,128	0.38
Other Gears	183,054	2.80	7,627	330,425	3.23	13,768	1.81	65,200	0.36
Swipe Net	76,558	1.17	3,190	97,210	0.95	4,050	1.27	23,782	0.31
Gil Nets	4,967,417	75.87	206,976	8,046,167	78.68	335,257	1.62	1,723,488	0.35
Haul Seines	1,149,481	17.56	47,895	1,495,174	14.62	62,299	1.30	376,142	0.33
Pots	50,530	0.77	2,105	68,750	0.67	2,865	1.36	16,119	0.32

Table 26. Total Spotted Seatrout trips and effort by major gear type from 1994 to 2017.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Rod and Reel	2,396	1.04	100	22.43
Pound Nets	5,636	2.44	235	11.87
Other Gears	4,742	2.06	198	38.60
Swipe Net	747	0.32	31	102.49
Gil Nets	198,730	86.17	8,280	25.00
Haul Seines	10,479	4.54	437	109.69
Pots	7,891	3.42	329	6.40

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 27. Annual Striped Bass summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	261,900	587	546	77	3,346	78.27	353,565	1.35	105,150	0.40
1995	446,789	816	747	90	6,540	68.32	606,529	1.36	175,590	0.39
1996	181,600	655	612	91	6,639	27.35	220,945	1.22	61,953	0.34
1997	587,786	896	814	101	8,715	67.45	711,091	1.21	194,341	0.33
1998	422,869	793	706	95	6,702	63.10	520,039	1.23	139,111	0.33
1999	588,311	855	699	91	9,097	64.67	724,844	1.23	189,764	0.32
2000	407,440	847	698	85	11,706	34.81	471,837	1.16	120,743	0.30
2001	626,052	885	751	93	12,066	51.89	773,102	1.23	191,961	0.31
2002	701,459	948	814	86	11,278	62.20	855,457	1.22	208,560	0.30
2003	565,919	894	771	86	11,455	49.40	717,981	1.27	171,454	0.30
2004	911,399	891	846	88	9,347	97.51	1,160,540	1.27	268,085	0.29
2005	864,289	985	1,028	87	10,877	79.46	1,673,068	1.94	377,109	0.44
2006	281,736	655	614	81	7,962	35.39	680,902	2.42	149,935	0.53
2007	576,157	716	812	74	8,240	69.92	1,238,523	2.15	262,567	0.46
2008	373,445	606	636	70	4,394	84.99	822,556	2.20	165,498	0.44
2009	310,604	495	484	52	4,784	64.93	747,308	2.41	147,593	0.48
2010	500,152	498	492	56	7,199	69.48	1,221,524	2.44	239,297	0.48
2011	410,685	489	494	48	5,569	73.74	1,164,426	2.84	220,193	0.54
2012	144,555	315	328	34	4,207	34.36	368,516	2.55	67,954	0.47
2013	96,935	348	350	46	3,648	26.57	303,486	3.13	55,204	0.57
2014	96,233	325	331	46	3,660	26.29	283,241	2.94	50,360	0.52
2015	141,824	341	337	45	4,852	29.23	450,208	3.17	78,606	0.55
2016	146,189	271	280	45	4,931	29.65	432,127	2.96	75,190	0.51
2017	99,009	285	275	43	3,525	28.09	288,888	2.92	49,833	0.50

Table 28. Total Striped Bass landings and values by major gear type.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Other Gears	54,977	0.56	2,291	101,884	0.61	4,245	1.85	22,118	0.40
Trawls	1,708,592	17.54	71,191	2,881,378	17.16	120,057	1.69	645,241	0.38
Gill Nets	6,010,007	61.68	250,417	10,712,075	63.80	446,336	1.78	2,365,879	0.39
Haul Seines	1,629,743	16.73	67,906	2,406,264	14.33	100,261	1.48	589,871	0.36
Pound Nets	340,017	3.49	14,167	689,103	4.10	28,713	2.03	142,944	0.42

Table 29. Total Striped Bass trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Other Gears	3,183	1.86	133	17.27
Trawls	1,616	0.95	67	1057.30
Gill Nets	149,888	87.79	6,245	40.10
Haul Seines	3,669	2.15	153	444.19
Pound Nets	12,384	7.25	516	27.46

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 30. Annual Striped Mullet summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	1,726,242	1,523	1,366	218	13,649	126.47	1,058,691	0.61	314,855	0.18
1995	2,298,446	1,603	1,457	246	13,819	166.33	1,944,319	0.85	562,880	0.24
1996	1,756,863	1,599	1,423	244	13,961	125.84	1,091,892	0.62	306,167	0.17
1997	2,442,657	1,566	1,411	248	14,363	170.07	1,777,617	0.73	485,823	0.20
1998	2,218,108	1,330	1,183	246	12,848	172.64	1,061,430	0.48	283,933	0.13
1999	1,460,850	1,247	990	210	10,391	140.59	838,924	0.57	219,630	0.15
2000	2,829,086	1,460	1,230	222	13,631	207.55	1,602,702	0.57	410,131	0.14
2001	2,317,655	1,245	1,070	219	10,726	216.08	1,181,912	0.51	293,469	0.13
2002	2,596,304	1,171	1,032	208	10,622	244.43	1,251,676	0.48	305,159	0.12
2003	1,629,314	1,051	920	211	9,616	169.44	779,570	0.48	186,161	0.11
2004	1,598,617	884	796	207	7,829	204.19	721,855	0.45	166,748	0.10
2005	1,620,394	922	819	189	8,041	201.52	801,181	0.49	180,586	0.11
2006	1,728,607	894	795	185	7,819	221.08	977,756	0.57	215,302	0.12
2007	1,668,804	916	817	184	9,155	182.28	721,171	0.43	152,888	0.09
2008	1,675,859	908	833	189	8,343	200.87	672,108	0.40	135,228	0.08
2009	1,685,615	963	870	190	8,423	200.12	715,265	0.42	141,265	0.08
2010	2,082,832	990	896	190	9,953	209.27	1,002,468	0.48	196,383	0.09
2011	1,627,894	903	827	181	7,578	214.82	1,015,852	0.62	192,098	0.12
2012	1,859,587	967	890	192	8,433	220.51	1,041,659	0.56	192,082	0.10
2013	1,549,157	1,063	971	196	9,802	158.04	1,402,914	0.91	255,190	0.16
2014	1,828,351	925	864	179	8,368	218.49	1,112,465	0.61	197,796	0.11
2015	1,247,044	822	750	173	7,337	169.97	804,675	0.65	140,496	0.11
2016	965,198	734	688	156	6,820	141.52	669,760	0.69	116,538	0.12
2017	1,363,143	842	760	164	7,720	176.57	1,034,042	0.76	178,372	0.13

1 CPUE = catch per unit effort landings pounds / number of trips.

Table 31. Total Striped Mullet landings and values by major gear type.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Haul Seines	2,124,636	4.85	88,526	1,368,499	5.41	57,021	0.64	331,797	0.16
Cast Net	1,065,781	2.43	44,408	581,499	2.30	24,229	0.55	117,386	0.11
Gill Nets	39,974,211	91.31	1,665,592	22,998,776	90.97	958,282	0.58	5,301,559	0.13
Other Gears	611,998	1.40	25,500	333,131	1.32	13,880	0.54	78,441	0.13

Table 32. Total Striped Mullet trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Haul Seines	3,335	1.39	139	637.07
Cast Net	8,173	3.42	341	130.40
Gill Nets	206,934	86.49	8,622	193.17
Other Gears	20,823	8.70	868	29.39

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 33. Annual Bay Scallop summary including landings, values, participants, and effort values.

Year[1]	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[2]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	63,954	201	191	22	788	81.16	120,054	1.88	35,704	0.56
1995	173,796	291	284	30	2,108	82.45	345,447	1.99	100,007	0.58
1996	27,388	94	89	17	446	61.41	105,716	3.86	29,643	1.08
1997	54,606	97	96	16	674	81.02	183,172	3.35	50,061	0.92
1998	102,819	139	134	22	1,059	97.09	289,184	2.81	77,357	0.75
1999	29,651	81	81	21	441	67.24	102,998	3.47	26,965	0.91
2000	21,029	71	71	20	341	61.67	78,554	3.74	20,102	0.96
2001	2,517	21	26	11	56	44.95	10,423	4.14	2,588	1.03
2002	19,219	68	74	23	335	57.37	68,365	3.56	16,667	0.87
2003	14,194	58	68	20	243	58.41	48,628	3.43	11,612	0.82
2004	***	***	***	***	***	***	***	***	***	***
2009	29,003	165	208	35	1,094	26.51	124,256	4.28	24,541	0.85
2010	****	***	***	***	***	***	***	***	***	***
2013	1,337	22	23	10	41	32.60	9,506	7.11	1,729	1.29

1 Years 2005, 2006, 2007, 2008, 2011, 2012, 2014, 2015, 2016, 2017 Bay Scallop was not reported to be landed.
2 CPUE = catch per unit effort landings pounds / number of trips.

Table 34. Total Bay Scallop landings and values by major gear type.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Other Gears	2,868	0.53	119	8,619	0.58	359	3.01	2,426	0.85
Scallop Scoop	69,053	12.79	2,877	266,924	17.94	11,122	3.87	63,211	0.92
By Hand	34,508	6.39	1,438	112,178	7.54	4,674	3.25	29,309	0.85
Dredges	385,003	71.32	16,042	940,423	63.20	39,184	2.44	262,542	0.68
Rakes	48,361	8.96	2,015	159,809	10.74	6,659	3.30	39,824	0.82

Table 35. Total Bay Scallop trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Other Gears	44	0.58	2	65.17
Scallop Scoop	1,526	19.99	64	45.25
By Hand	638	8.36	27	54.09
Dredges	4,164	54.55	174	92.46
Rakes	1,261	16.52	53	38.35

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 36. Annual Hard Blue Crabs summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	52,260,168	2,445	2,008	250	109,603	476.81	26,896,282	0.51	7,998,954	0.15
1995	45,033,543	2,664	2,104	262	110,218	408.59	33,053,805	0.73	9,569,076	0.21
1996	65,682,500	2,701	2,187	288	107,379	611.69	39,873,553	0.61	11,180,544	0.17
1997	54,353,545	2,553	2,187	303	110,754	490.76	33,165,872	0.61	9,064,233	0.17
1998	60,402,332	2,238	1,896	296	119,570	505.16	40,466,879	0.67	10,824,890	0.18
1999	56,094,091	2,874	1,832	338	105,029	534.08	33,526,081	0.60	8,777,128	0.16
2000	38,889,273	2,212	1,672	278	94,034	413.57	32,154,369	0.83	8,228,303	0.21
2001	29,939,494	2,265	1,719	285	96,742	309.48	25,079,256	0.84	6,227,179	0.21
2002	36,461,890	1,900	1,597	287	82,083	444.21	29,349,251	0.80	7,155,347	0.20
2003	41,644,612	1,833	1,510	277	83,769	497.14	32,904,677	0.79	7,857,637	0.19
2004	32,592,768	1,641	1,430	289	74,171	439.43	20,248,333	0.62	4,677,365	0.14
2005	23,571,451	1,332	1,143	243	56,191	419.49	15,374,714	0.65	3,465,461	0.15
2006	24,408,932	1,074	945	224	46,790	521.67	14,146,592	0.58	3,115,079	0.13
2007	20,562,159	1,018	890	211	47,135	436.24	18,109,497	0.88	3,839,213	0.19
2008	32,338,889	1,014	857	217	46,152	700.70	25,429,231	0.79	5,116,361	0.16
2009	29,140,473	1,113	943	243	53,929	540.35	25,039,379	0.86	4,945,277	0.17
2010	29,794,329	1,115	944	245	49,620	600.45	23,801,594	0.80	4,662,732	0.16
2011	28,964,633	1,047	883	230	48,226	600.60	18,016,736	0.62	3,406,965	0.12
2012	25,991,387	987	837	227	46,891	554.29	20,198,891	0.78	3,724,676	0.14
2013	21,438,077	968	814	213	46,739	458.68	26,465,523	1.23	4,814,079	0.22
2014	25,242,795	1,052	887	241	51,222	492.81	29,954,723	1.19	5,325,950	0.21
2015	31,040,008	1,093	883	223	52,113	595.63	29,626,984	0.95	5,172,871	0.17
2016	24,732,127	1,022	863	226	46,585	530.90	20,738,465	0.84	3,608,493	0.15
2017	18,069,170	833	703	184	37,400	483.13	17,776,188	0.98	3,066,392	0.17

1 CPUE = catch per unit effort landings pounds / number of trips.

Table 37. Total Hard Blue Crab landings and values by major gear type.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Trawls	26,823,182	3.16	1,117,633	16,605,518	2.63	691,897	0.62	4,222,285	0.16
Other Gears	1,924,659	0.23	80,194	1,501,975	0.24	62,582	0.78	358,593	0.19
Pots	819,900,806	96.61	34,162,534	613,289,382	97.13	25,553,724	0.75	141,243,330	0.17

Table 38. Total Hard Blue Crab trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Trawls	69,204	4.02	2,884	387.60
Other Gears	25,928	1.51	1,080	74.23
Pots	1,627,325	94.48	67,805	503.83

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 39. Annual Peeler Blue Crabs summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	642,238	801	722	105	14,181	45.29	771,697	1.20	229,503	0.36
1995	724,442	1,034	865	132	19,522	37.11	1,052,607	1.45	304,730	0.42
1996	878,382	1,143	996	147	21,116	41.60	1,280,991	1.46	359,190	0.41
1997	1,022,668	1,220	1,070	173	28,507	35.87	1,768,855	1.73	483,428	0.47
1998	976,097	1,115	981	174	31,433	31.05	1,932,820	1.98	517,029	0.53
1999	942,150	1,393	1,001	190	25,951	36.30	2,111,690	2.24	552,840	0.59
2000	998,971	1,214	1,001	181	26,008	38.41	1,946,369	1.95	498,076	0.50
2001	1,319,202	1,239	1,007	190	25,159	52.43	3,081,350	2.34	765,099	0.58
2002	718,897	1,071	919	178	16,353	43.96	1,465,913	2.04	357,390	0.50
2003	693,294	984	850	166	15,027	46.14	1,815,304	2.62	433,495	0.63
2004	982,874	857	778	145	12,728	77.22	1,678,928	1.71	387,832	0.39
2005	1,166,270	791	722	150	11,941	97.67	1,902,625	1.63	428,852	0.37
2006	549,916	599	547	126	9,013	61.01	1,172,353	2.13	258,152	0.47
2007	498,904	603	548	124	12,457	40.05	1,186,031	2.38	251,439	0.50
2008	351,986	588	526	118	12,726	27.66	882,319	2.51	177,522	0.50
2009	367,881	617	561	123	12,644	29.10	1,106,883	3.01	218,609	0.59
2010	568,210	616	551	118	10,530	53.96	1,197,855	2.11	234,660	0.41
2011	624,362	572	511	120	8,081	77.26	1,186,286	1.90	224,327	0.36
2012	468,855	576	506	116	10,748	43.62	1,112,025	2.37	205,057	0.44
2013	447,120	601	502	113	13,687	32.67	1,449,542	3.24	263,672	0.59
2014	621,040	600	534	119	14,096	44.06	1,935,462	3.12	344,125	0.55
2015	706,660	612	534	116	13,537	52.20	2,106,108	2.98	367,726	0.52
2016	445,844	553	476	111	12,215	36.50	1,314,879	2.95	228,789	0.51
2017	776,234	440	384	95	9,250	83.92	1,649,626	2.13	284,561	0.37

1 CPUE = catch per unit effort landings pounds / number of trips.

Table 40. Total Peeler Blue Crab landings and values by major gear type.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Trawls	236,286	1.35	9,845	449,516	1.21	18,730	1.90	111,196	0.47
Other Gears	91,324	0.52	3,805	199,682	0.54	8,320	2.19	46,680	0.51
Pots	17,164,886	98.13	715,204	36,459,319	98.25	1,519,138	2.12	8,218,226	0.48

Table 41. Total Peeler Blue Crab trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Trawls	5,641	1.46	235	41.89
Other Gears	9,462	2.45	394	9.65
Pots	371,818	96.10	15,492	46.16

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 42. Annual Soft Blue Crabs summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	610,717	451	404	118	7,196	84.87	1,931,975	3.16	574,569	0.94
1995	685,555	545	487	137	8,958	76.53	2,132,875	3.11	617,467	0.90
1996	519,318	566	492	143	8,596	60.41	1,887,890	3.64	529,364	1.02
1997	713,896	703	609	154	12,541	56.92	2,751,311	3.85	751,933	1.05
1998	697,741	610	525	140	13,733	50.81	2,559,941	3.67	684,784	0.98
1999	510,435	681	513	158	12,888	39.61	2,174,429	4.26	569,266	1.12
2000	750,140	628	524	141	14,785	50.74	3,336,990	4.45	853,936	1.14
2001	921,693	620	534	142	15,966	57.73	4,070,990	4.42	1,010,827	1.10
2002	555,532	505	449	136	13,445	41.32	2,333,268	4.20	568,851	1.02
2003	431,891	477	429	134	10,683	40.43	2,388,111	5.53	570,281	1.32
2004	554,966	386	357	126	7,174	77.36	2,538,582	4.57	586,412	1.06
2005	692,398	319	286	116	6,655	104.04	2,996,574	4.33	675,428	0.98
2006	384,311	260	241	100	5,753	66.80	1,768,450	4.60	389,413	1.01
2007	363,896	284	270	102	6,818	53.37	2,136,426	5.87	452,922	1.24
2008	225,816	272	245	94	6,334	35.65	1,243,836	5.51	250,260	1.11
2009	198,878	267	245	94	5,911	33.65	1,282,733	6.45	253,340	1.27
2010	320,472	251	238	98	5,621	57.01	1,544,342	4.82	302,537	0.94
2011	446,397	219	209	88	4,308	103.62	2,079,242	4.66	393,185	0.88
2012	325,426	243	229	82	5,812	55.99	1,496,021	4.60	275,866	0.85
2013	317,426	281	253	86	6,393	49.65	2,091,382	6.59	380,422	1.20
2014	367,277	290	259	96	5,712	64.30	2,137,335	5.82	380,018	1.03
2015	380,375	271	241	77	5,574	68.24	2,247,306	5.91	392,380	1.03
2016	284,769	260	237	84	6,072	46.90	2,063,004	7.24	358,963	1.26
2017	427,753	231	202	77	4,743	90.19	2,792,000	6.53	481,620	1.13

1 CPUE = catch per unit effort landings pounds / number of trips.

Table 43. Total Soft Blue Crab landings and values by major gear type.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Other Gears	87,066	0.74	3,628	355,765	0.66	14,824	4.09	90,591	1.04
Pots	11,600,013	99.26	483,334	53,629,251	99.34	2,234,552	4.62	12,213,453	1.05

Table 44. Total Soft Blue Crab trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Other Gears	7,761	3.85	323	11.22
Pots	193,914	96.15	8,080	59.82

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 45. Annual Hard Clam summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	690,794	1,760	1,686	96	53,019	13.03	3,582,049	5.19	1,065,301	1.54
1995	702,654	1,877	1,753	83	50,606	13.88	4,628,830	6.59	1,340,046	1.91
1996	619,837	1,652	1,568	89	43,055	14.40	4,380,620	7.07	1,228,326	1.98
1997	696,295	1,559	1,535	89	45,047	15.46	4,878,022	7.01	1,333,163	1.91
1998	689,510	1,402	1,326	89	40,820	16.89	4,559,846	6.61	1,219,759	1.77
1999	576,970	1,373	1,486	88	32,889	17.54	3,774,453	6.54	988,152	1.71
2000	675,814	1,279	1,640	84	41,989	16.10	4,680,245	6.93	1,197,675	1.77
2001	763,573	1,210	1,828	95	48,759	15.66	5,007,241	6.56	1,243,298	1.63
2002	619,721	922	1,411	96	35,597	17.41	3,505,642	5.66	854,676	1.38
2003	533,027	848	1,206	93	30,837	17.29	3,339,172	6.26	797,394	1.50
2004	542,935	754	1,067	87	30,429	17.84	3,357,124	6.18	775,496	1.43
2005	412,995	690	899	84	23,519	17.56	2,777,957	6.73	626,151	1.52
2006	422,293	606	840	93	24,970	16.91	2,631,373	6.23	579,428	1.37
2007	425,333	632	895	87	27,964	15.21	2,600,658	6.11	551,339	1.30
2008	382,049	557	776	87	23,126	16.52	2,355,279	6.16	473,882	1.24
2009	350,669	523	739	91	21,479	16.33	2,036,793	5.81	402,267	1.15
2010	354,961	484	698	96	20,874	17.00	2,581,033	7.27	505,624	1.42
2011	295,466	419	565	101	17,597	16.79	1,896,627	6.42	358,652	1.21
2012	396,429	394	489	102	16,793	23.61	2,091,067	5.27	385,593	0.97
2013	347,073	414	516	107	16,496	21.04	2,295,366	6.61	417,527	1.20
2014	430,816	477	607	99	19,644	21.93	2,866,096	6.65	509,592	1.18
2015	415,027	456	650	95	21,393	19.40	5,038,973	12.14	879,805	2.12
2016	331,215	436	626	78	20,466	16.18	2,578,120	7.78	448,593	1.35
2017	273,280	399	559	75	19,037	14.36	2,174,491	7.96	375,100	1.37

1 CPUE = catch per unit effort landings in pounds / number of trips.

Table 46. Total Hard Clam landings and values by major gear type.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Trawls	1,046,282	8.76	43,595	5,619,130	7.06	234,130	5.37	1,372,387	1.31
Tongs	859,438	7.19	35,810	5,319,802	6.68	221,658	6.19	1,248,876	1.45
Other Gears	4,028	0.03	168	24,889	0.03	1,037	6.18	6,277	1.56
By Hand	3,297,326	27.60	137,389	22,272,881	27.98	928,037	6.75	5,043,334	1.53
Dredges	1,199,676	10.04	49,987	8,398,114	10.55	349,921	7.00	1,994,977	1.66
Rakes	5,541,986	46.38	230,916	37,982,258	47.71	1,582,594	6.85	8,890,988	1.60

Table 47. Total Hard Clam trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Trawls	13,554	1.87	565	77.19
Tongs	66,085	9.10	2,754	13.01
Other Gears	606	0.08	25	6.65
By Hand	234,218	32.24	9,759	14.08
Dredges	11,326	1.56	472	105.92
Rakes	400,622	55.15	16,693	13.83

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 48. Annual Oysters summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	183,704	563	549	141	7,247	25.35	632,634	3.44	188,145	1.02
1995	220,661	625	582	146	8,754	25.21	815,070	3.69	235,963	1.07
1996	210,931	554	504	121	8,047	26.21	793,123	3.76	222,392	1.05
1997	218,970	492	498	122	8,130	26.93	888,963	4.06	242,954	1.11
1998	224,214	540	502	133	7,568	29.63	925,559	4.13	247,587	1.10
1999	216,858	556	521	132	7,459	29.07	922,910	4.26	241,618	1.11
2000	203,427	546	560	122	7,709	26.39	804,212	3.95	205,798	1.01
2001	258,086	612	651	136	9,402	27.45	1,068,352	4.14	265,272	1.03
2002	243,775	540	644	135	9,061	26.90	991,004	4.07	241,607	0.99
2003	261,043	530	636	144	9,282	28.12	1,017,887	3.90	243,071	0.93
2004	367,961	608	725	134	11,889	30.95	1,551,870	4.22	358,482	0.97
2005	378,014	628	726	125	12,111	31.21	1,682,646	4.45	379,268	1.00
2006	447,889	666	789	138	14,326	31.26	2,234,558	4.99	492,050	1.10
2007	441,415	707	873	130	15,738	28.05	2,244,626	5.09	475,861	1.08
2008	466,176	713	874	151	16,295	28.61	2,039,175	4.37	410,282	0.88
2009	573,630	800	953	158	17,233	33.29	2,655,463	4.63	524,454	0.91
2010	1,040,407	1,009	1,181	174	24,612	42.27	5,045,127	4.85	988,340	0.95
2011	800,543	932	1,115	178	22,641	35.36	4,486,741	5.60	848,443	1.06
2012	440,063	761	961	178	16,534	26.62	2,572,073	5.84	474,290	1.08
2013	586,625	747	908	183	18,576	31.58	3,353,126	5.72	609,934	1.04
2014	727,775	800	970	171	20,520	35.47	4,544,236	6.24	807,965	1.11
2015	631,050	704	867	161	17,087	36.93	3,898,079	6.18	680,605	1.08
2016	653,889	669	840	156	16,334	40.03	4,045,574	6.19	703,930	1.08
2017	836,960	645	809	164	17,452	47.96	5,572,063	6.66	961,181	1.15

1 CPUE = catch per unit effort landings pounds / number of trips.

Table 49. Total Oyster landings and values by major gear type.

Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Other Gears	6,430	0.06	268	27,122	0.05	1,130	4.22	6,788	1.06
Tongs	1,498,156	14.09	62,423	7,697,805	14.05	320,742	5.14	1,611,951	1.08
By Hand	5,183,892	48.75	215,996	26,098,292	47.64	1,087,429	5.03	5,336,924	1.03
Dredges	3,452,633	32.47	143,860	18,918,469	34.53	788,270	5.48	3,674,766	1.06
Rakes	492,956	4.64	20,540	2,043,380	3.73	85,141	4.15	419,060	0.85

Table 50. Total Oyster trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Other Gears	327	0.10	14	19.66
Tongs	65,305	20.16	2,721	22.94
By Hand	183,095	56.51	7,629	28.31
Dredges	57,993	17.90	2,416	59.54
Rakes	17,289	5.34	720	28.51

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

Table 51. Annual Shrimp summary including landings, values, participants, and effort values.

Year	Landings (lb)	Vessels	Fishermen	Dealers	Trips	CPUE[1]	Ex-vessel value ($)	Ex-vessel value per Pound ($)	Deflated Value ($)	Deflated Value per Pound ($)
1994	7,284,793	1,229	989	232	21,746	334.99	18,992,486	2.61	5,648,365	0.78
1995	8,669,032	1,255	1,080	263	23,890	362.87	20,318,239	2.34	5,882,130	0.68
1996	5,261,137	1,073	865	258	17,084	307.96	13,365,295	2.54	3,747,629	0.71
1997	6,988,243	1,057	911	248	20,442	341.86	18,204,266	2.60	4,975,226	0.71
1998	4,635,189	795	692	234	14,969	309.65	10,855,296	2.34	2,903,792	0.63
1999	9,004,208	1,082	832	272	19,821	454.28	22,094,378	2.45	5,784,308	0.64
2000	10,334,915	1,138	935	254	18,441	560.43	25,405,916	2.46	6,501,374	0.63
2001	5,254,132	836	722	225	14,072	373.37	11,910,947	2.27	2,957,488	0.56
2002	9,969,018	884	798	284	18,342	543.51	18,364,764	1.84	4,477,330	0.45
2003	6,167,371	673	599	247	14,057	438.74	10,939,078	1.77	2,612,252	0.42
2004	4,880,816	625	584	246	11,881	410.81	9,462,852	1.94	2,185,919	0.45
2005	2,357,516	431	400	209	6,578	358.39	4,409,124	1.87	993,817	0.42
2006	5,736,649	476	440	220	8,021	715.20	9,141,435	1.59	2,012,944	0.35
2007	9,537,230	534	482	221	9,287	1,026.94	17,905,334	1.88	3,795,931	0.40
2008	9,414,418	556	515	208	8,079	1,165.30	19,227,721	2.04	3,868,617	0.41
2009	5,407,708	506	459	243	7,770	695.97	8,527,714	1.58	1,684,224	0.31
2010	5,955,335	530	484	239	7,861	757.58	10,691,399	1.80	2,094,445	0.35
2011	5,140,360	408	390	210	5,359	959.20	10,885,795	2.12	2,058,504	0.40
2012	6,141,480	517	471	213	8,922	688.35	13,333,150	2.17	2,458,633	0.40
2013	4,858,885	501	454	193	8,682	559.65	12,944,880	2.66	2,354,674	0.48
2014	4,690,933	467	417	169	6,477	724.24	14,145,407	3.02	2,515,053	0.54
2015	9,090,560	559	494	222	8,170	1,112.68	16,824,594	1.85	2,937,574	0.32
2016	13,191,267	563	516	200	9,703	1,359.50	28,241,463	2.14	4,914,014	0.37
2017	13,896,352	571	505	198	9,517	1,460.16	29,606,853	2.13	5,107,182	0.37

1 CPUE = catch per unit effort landings pounds / number of trips.

Table 52. Total Shrimp landings and values by major gear type.

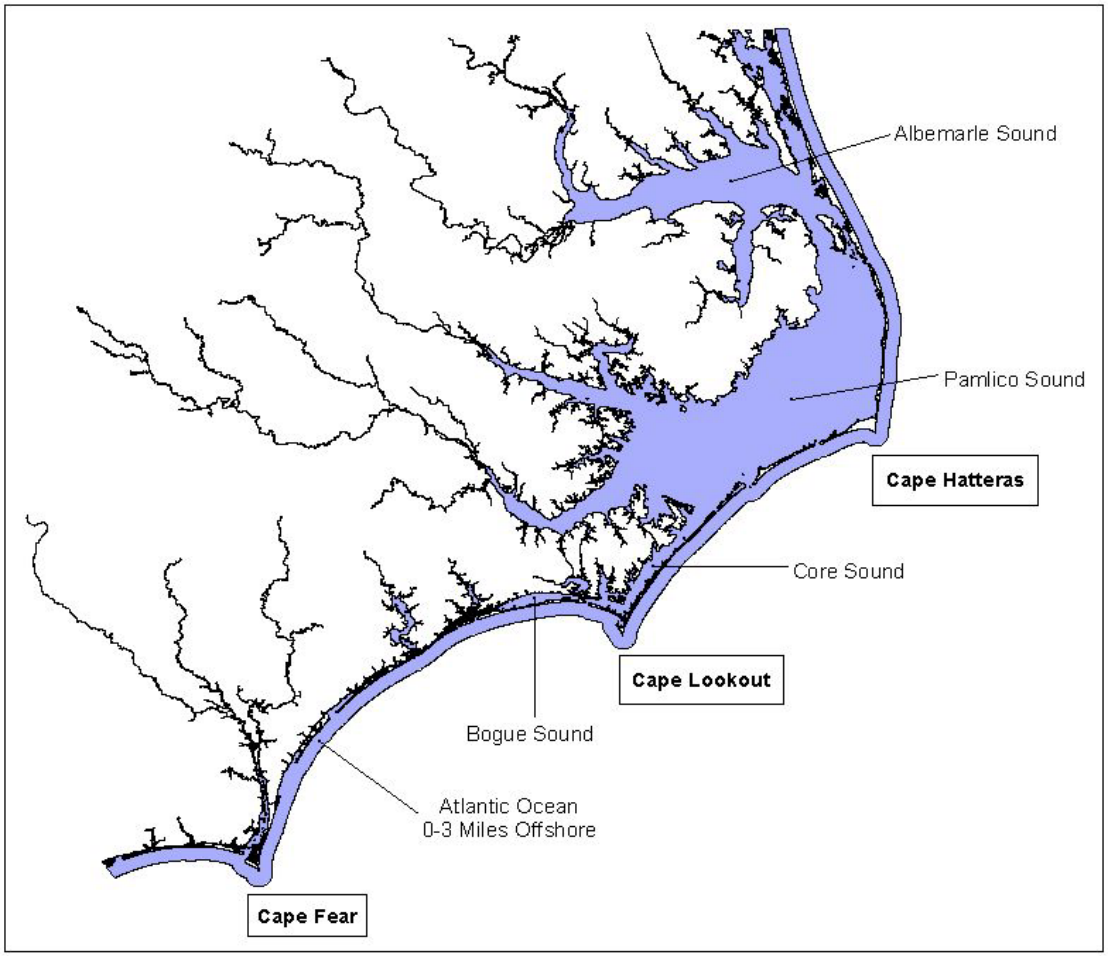
Gear	Landings (lb)	Percent Landings (%)	Average Landings (lb)	Ex-vessel value ($)	Percent Ex-vessel value (%)	Average Ex-vessel value ($)	Ex-vessel value Per Pound	Deflated Value ($)	Deflated Value Per Pound
Trawls	168,853,245	97.12	7,035,552	366,802,532	97.61	15,283,439	2.17	82,380,219	0.49
Channel Net	4,832,259	2.78	201,344	8,588,289	2.29	357,845	1.78	2,003,091	0.41
Other Gears	182,040	0.10	7,585	407,568	0.11	16,982	2.24	88,114	0.48

Table 53. Total Shrimp trips and effort by major gear type.

Gear	Trips	Percent Trips (%)	Average Trips	CPUE[1]
Trawls	260,675	87.12	10,861	647.75
Channel Net	34,297	11.46	1,429	140.89
Other Gears	4,236	1.42	177	42.97

1 CPUE = Catch per unit effort is total pounds landed / total number of trips.

7 FIGURES


Albemarle Sound
Pamlico Sound
Cape Hatteras
Core Sound
Cape Lookout
Bogue Sound
Atlantic Ocean
0-3 Miles Offshore
Cape Fear


20 0 20 40 Miles
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Figure 1. North Carolina coastal waterbodies.

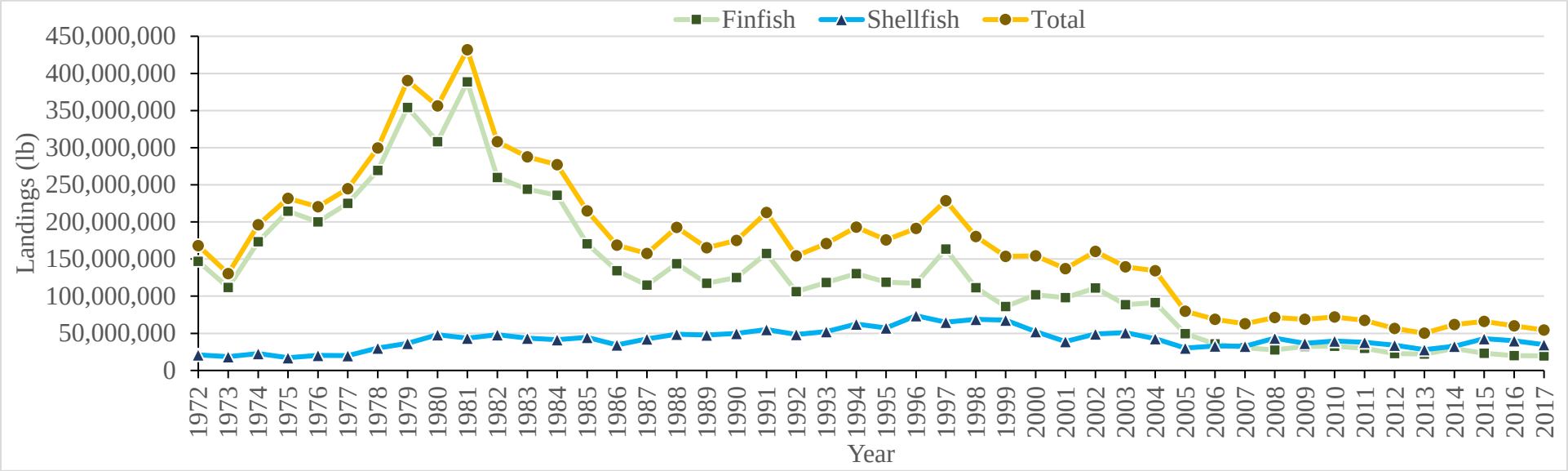

Figure 2. Annual finfish, shellfish, and combined total commercial landings from 1972 to 2017.

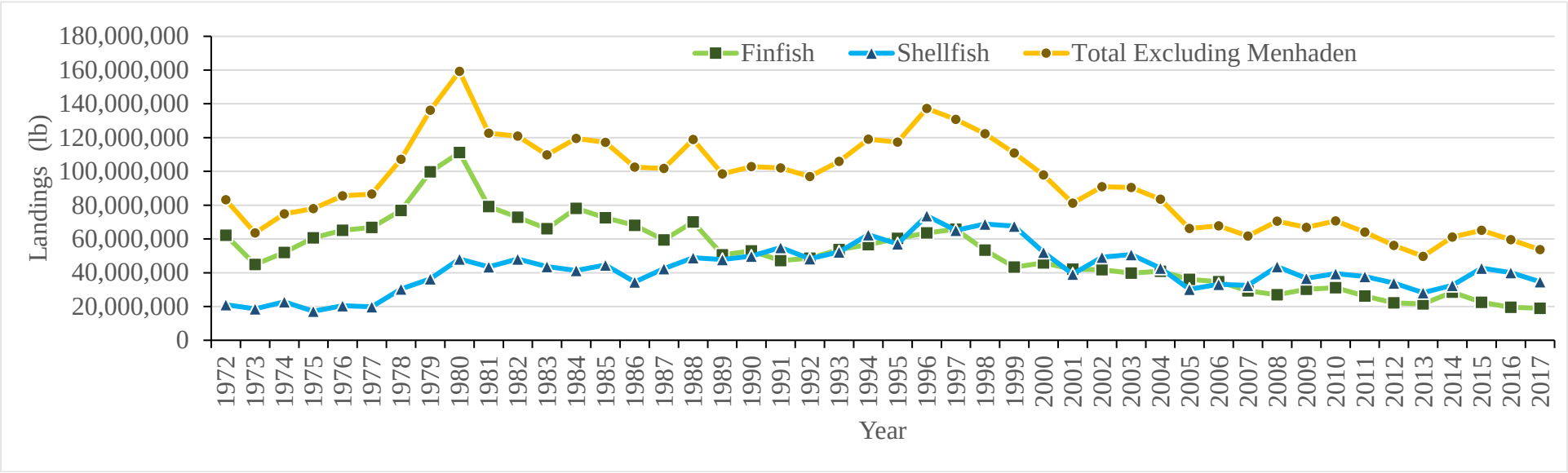

Figure 3. Annual finfish, shellfish, and combined total commercial landings excluding Atlantic Menhaden landings from 1972 to 2017.

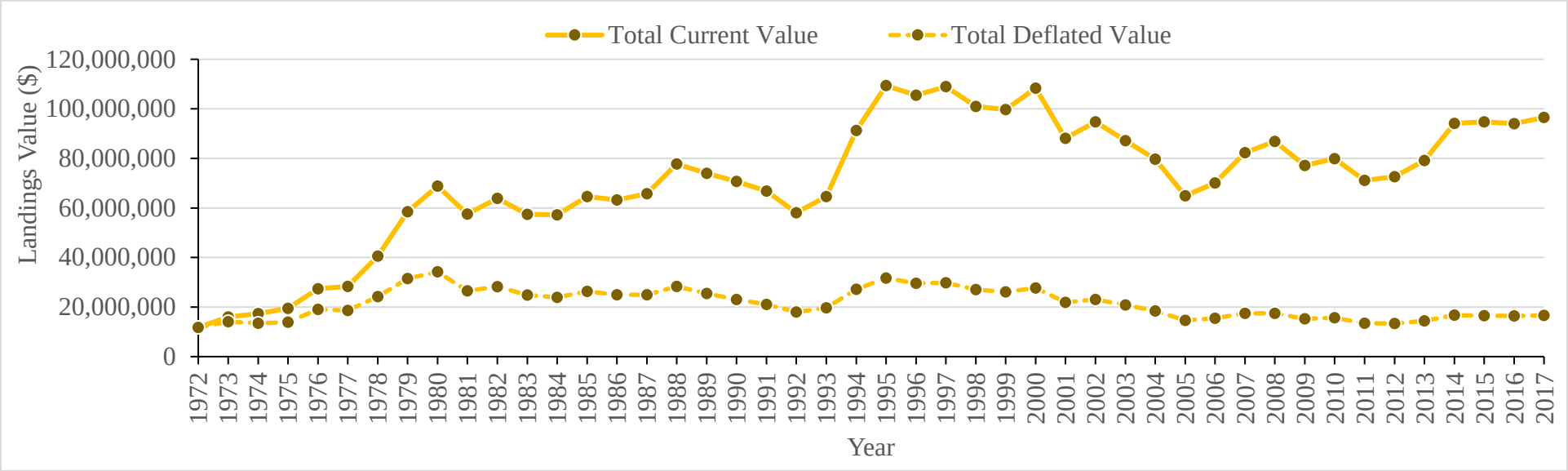

Figure 4. Annual current and deflated total ex-vessel value for commercial fisheries.

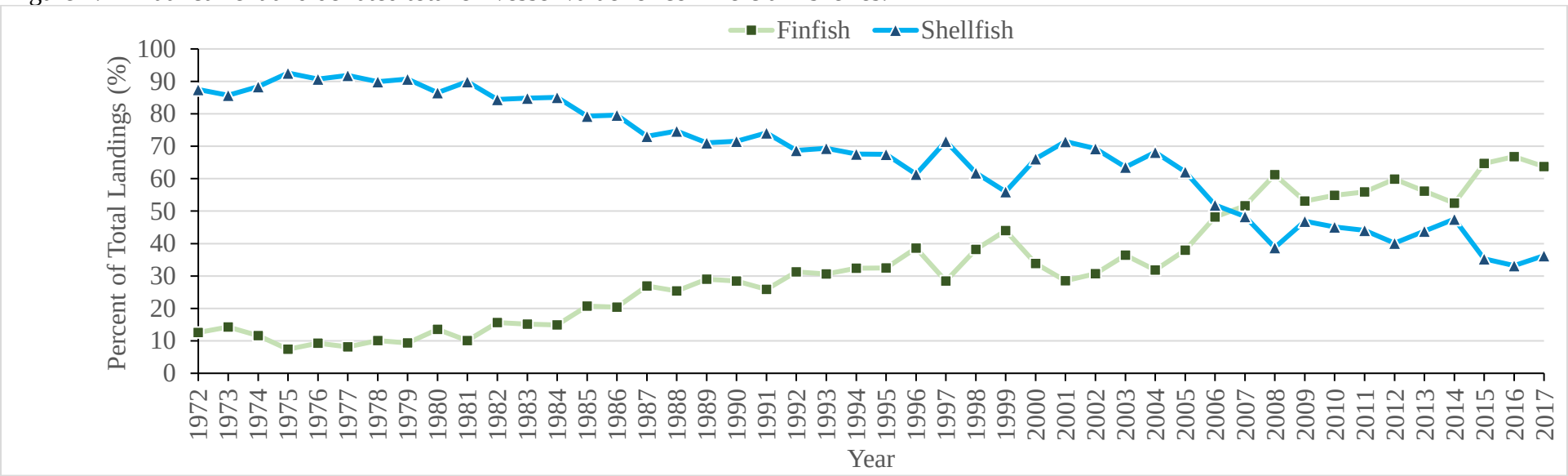

Figure 5. Annual percent composition of finfish and shellfish commercial landings from 1972 to 2017.

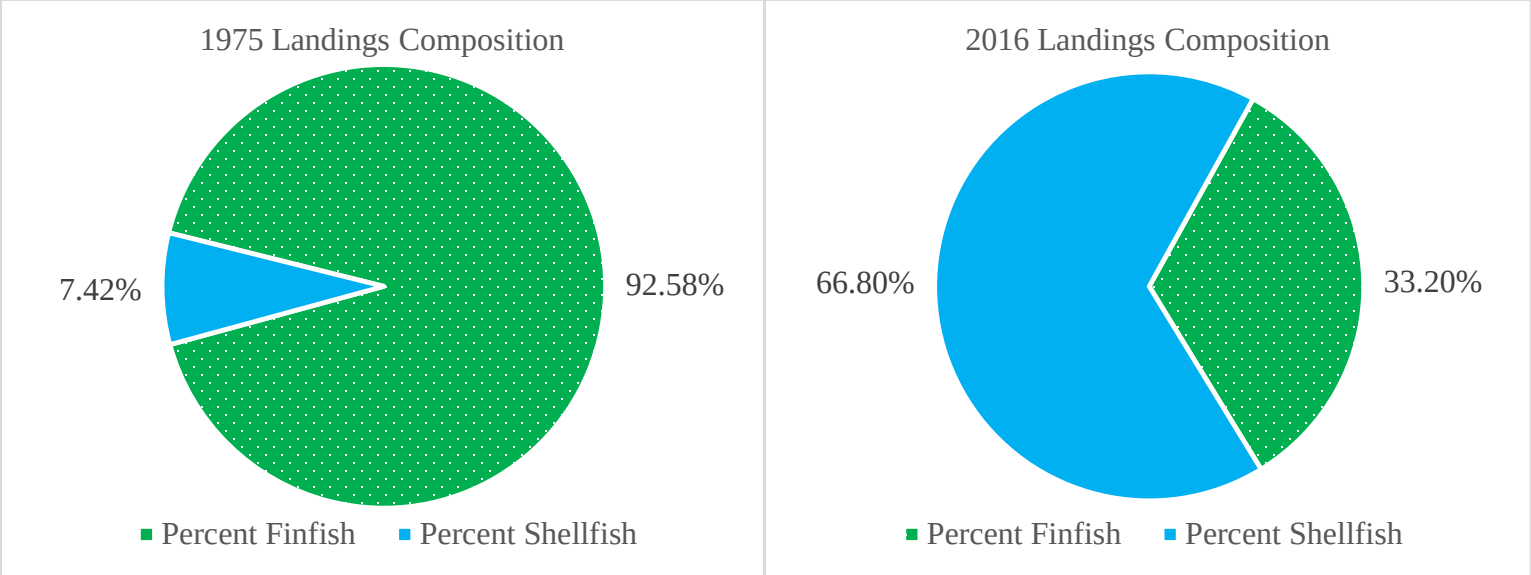

Figure 6. Most diverse years of percent landings composition of finfish and shellfish between 1972 and 2017.

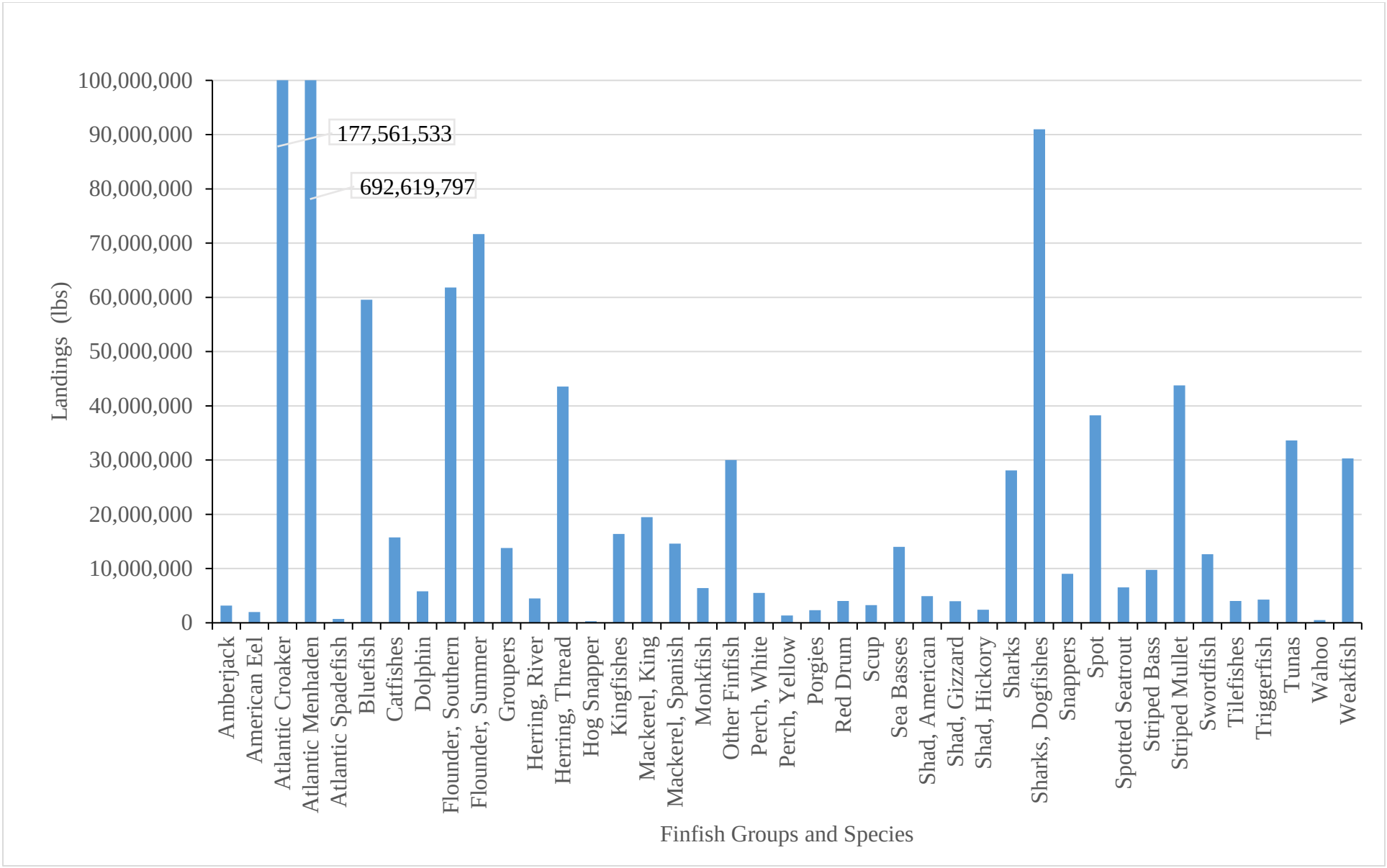

Figure 7. Total commercial fishing landings by major finfish groups and species from 1994 to 2017.

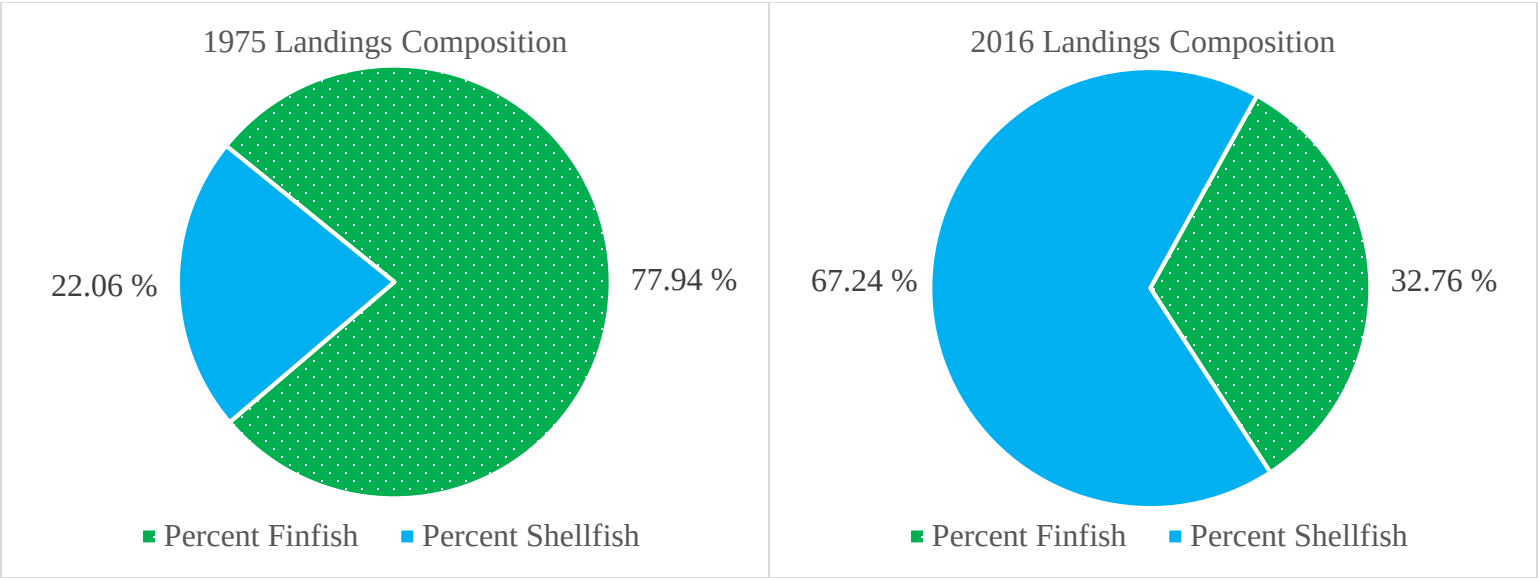

Figure 8. Most diverse years of percent landings composition of finfish and shellfish between 1972 and 2017 while excluding Menhaden landings.

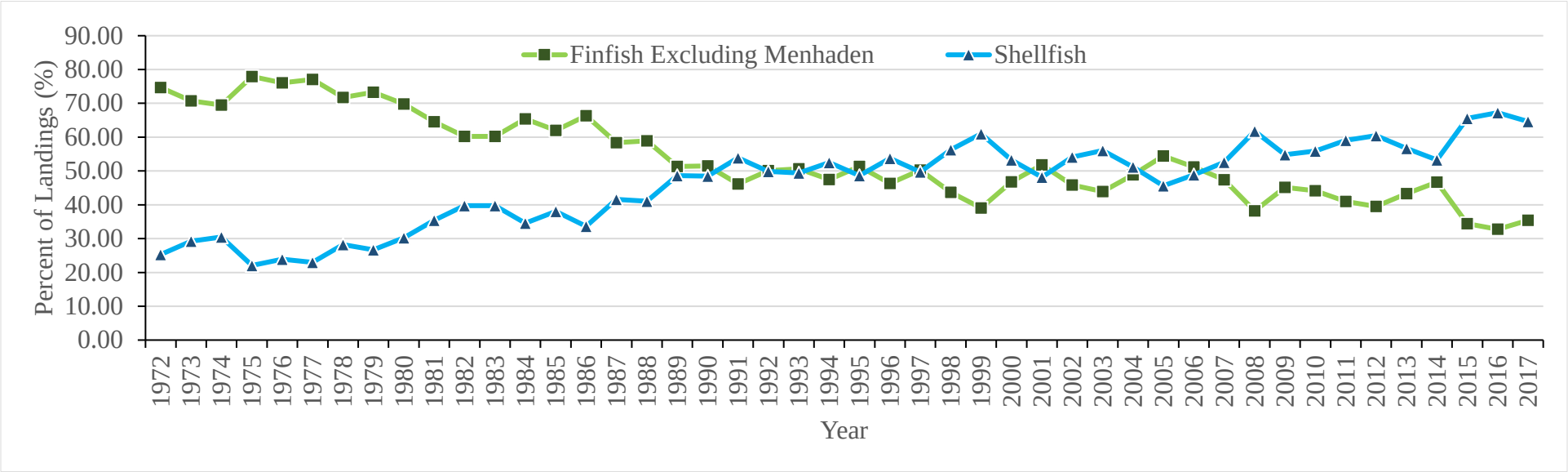

Figure 9. Annual percent composition of finfish and shellfish commercial landings excluding Menhaden landings from 1972 to 2017.

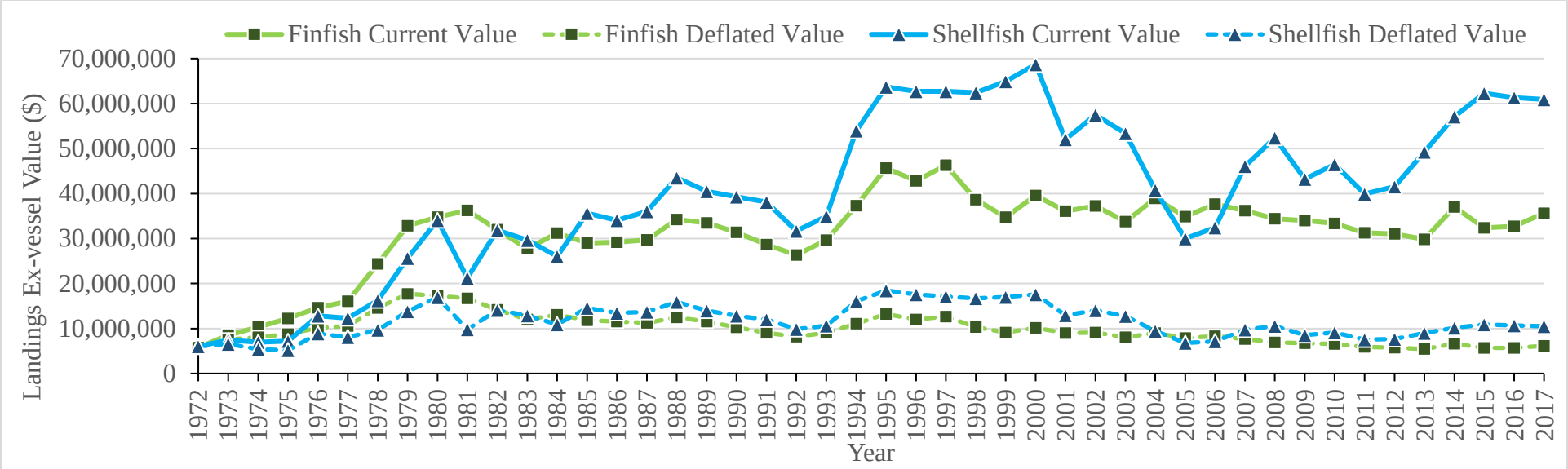

Figure 10. Annual commercial fishery landings current and deflated ex-vessel value of finfish and shellfish commercial landings from 1972 to 2017.

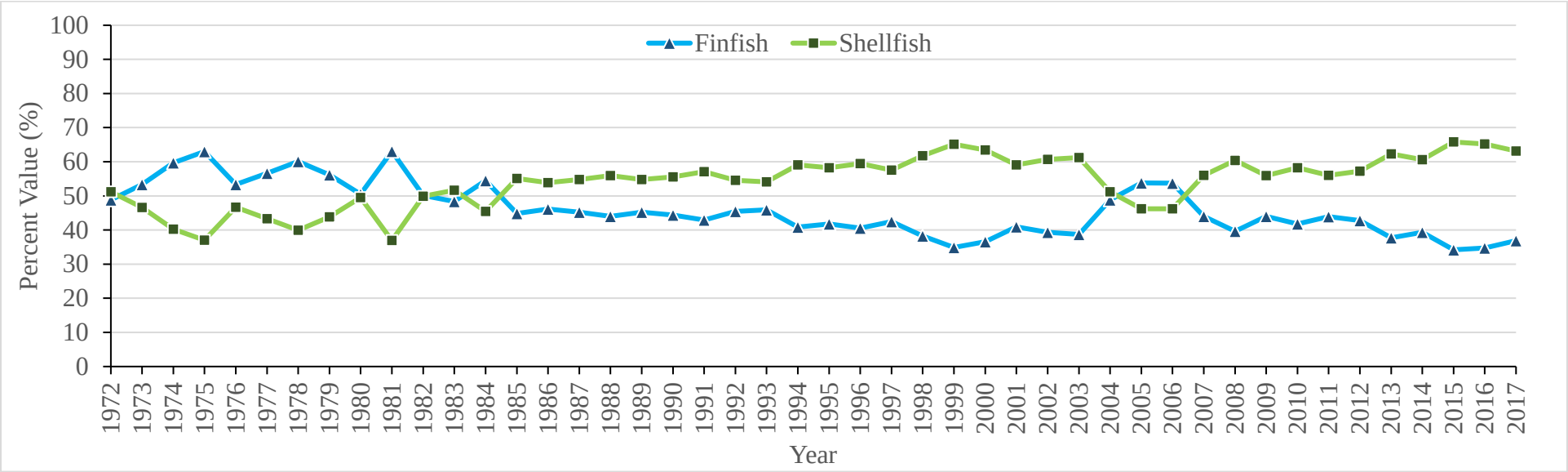

Figure 11. Annual percent composition of commercial fishery landings value by finfish and shellfish from 1972 to 2017.

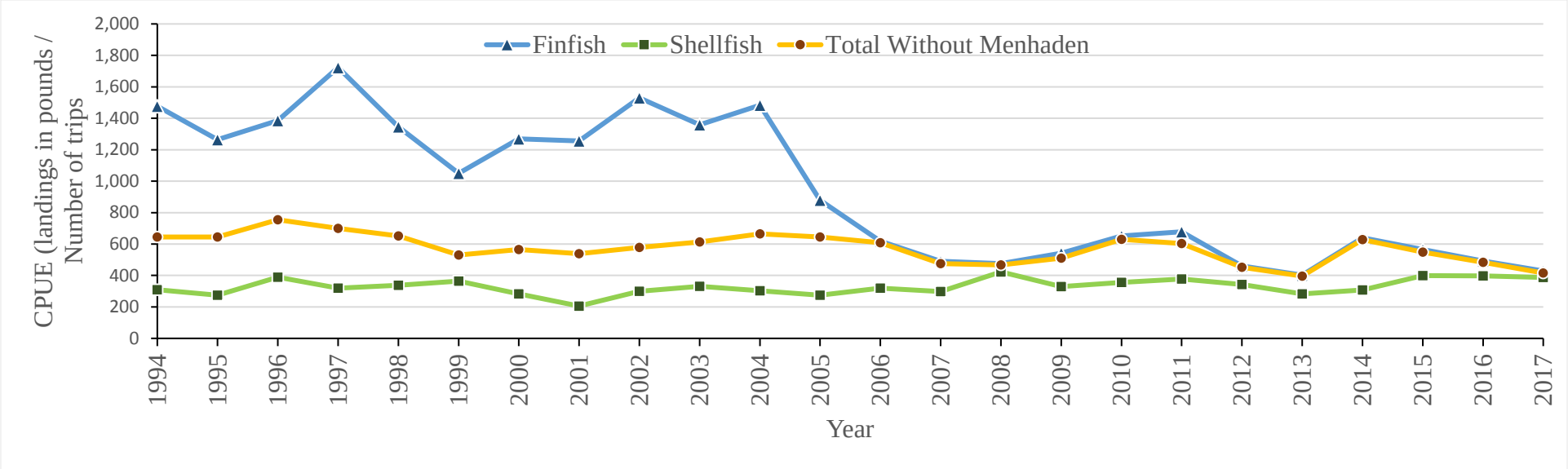

Figure 12. Annual catch per unit effort (landings in pounds /number of trips) for finfish, shellfish, and total landings excluding Atlantic Menhaden landings.

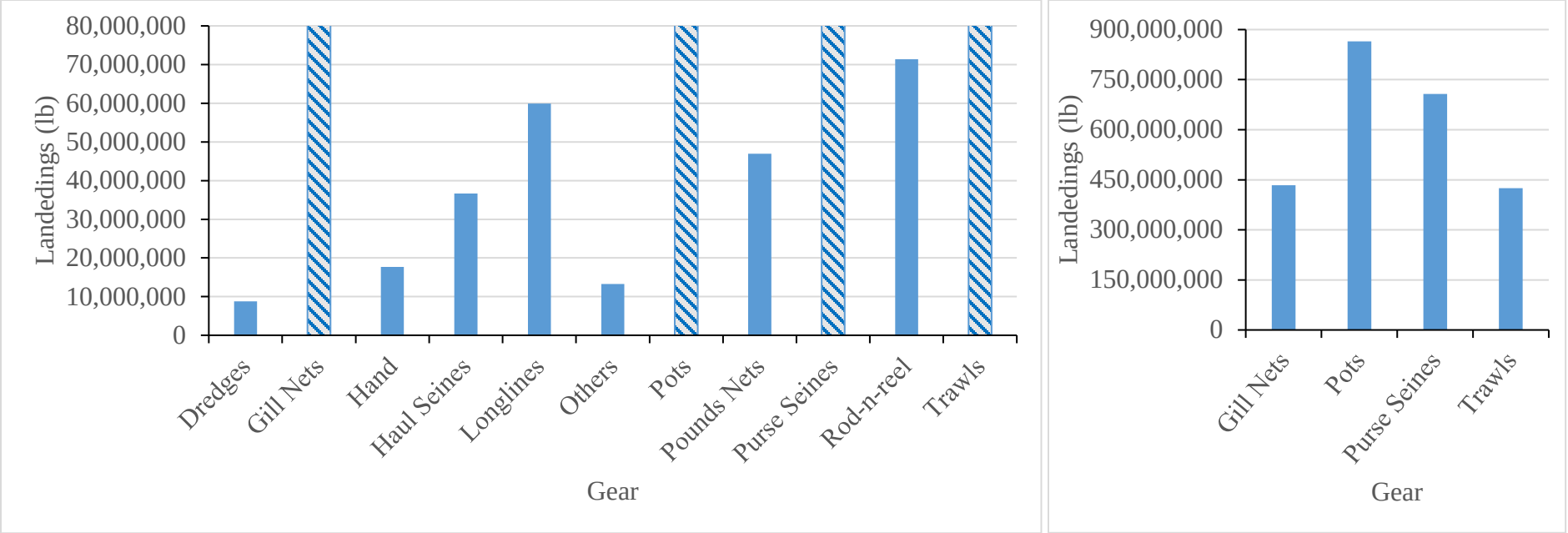

Figure 13. Total commercial landings by major gear type used from 1994 to 2017.

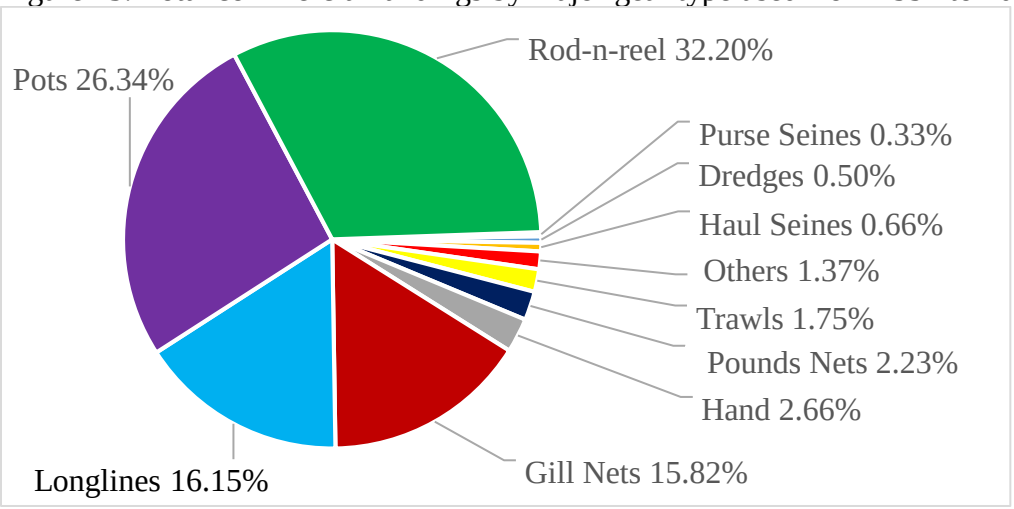

Figure 14. Total landings composition by major gear type used between 1972 and 2017

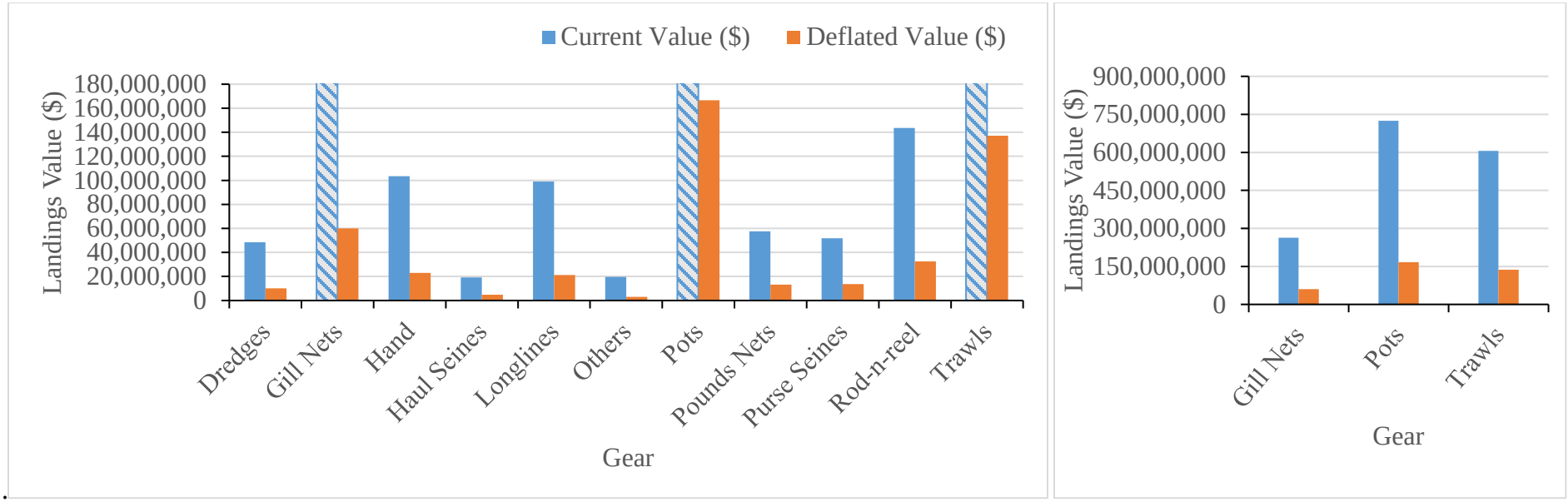

Figure 15. Total commercial landings value by major gear type used from 1994 to 2017.

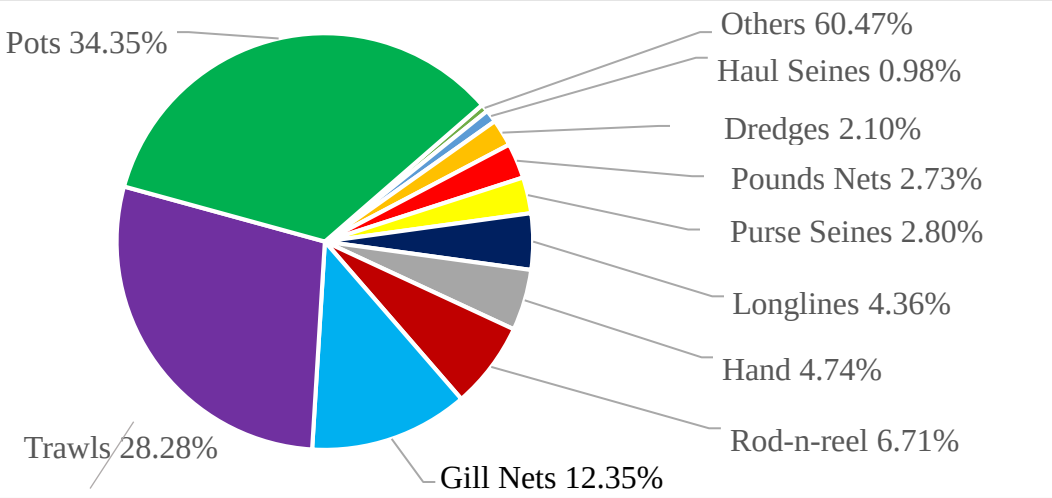

Figure 16. Total landings value composition by major gear type used between 1972 and 2017.

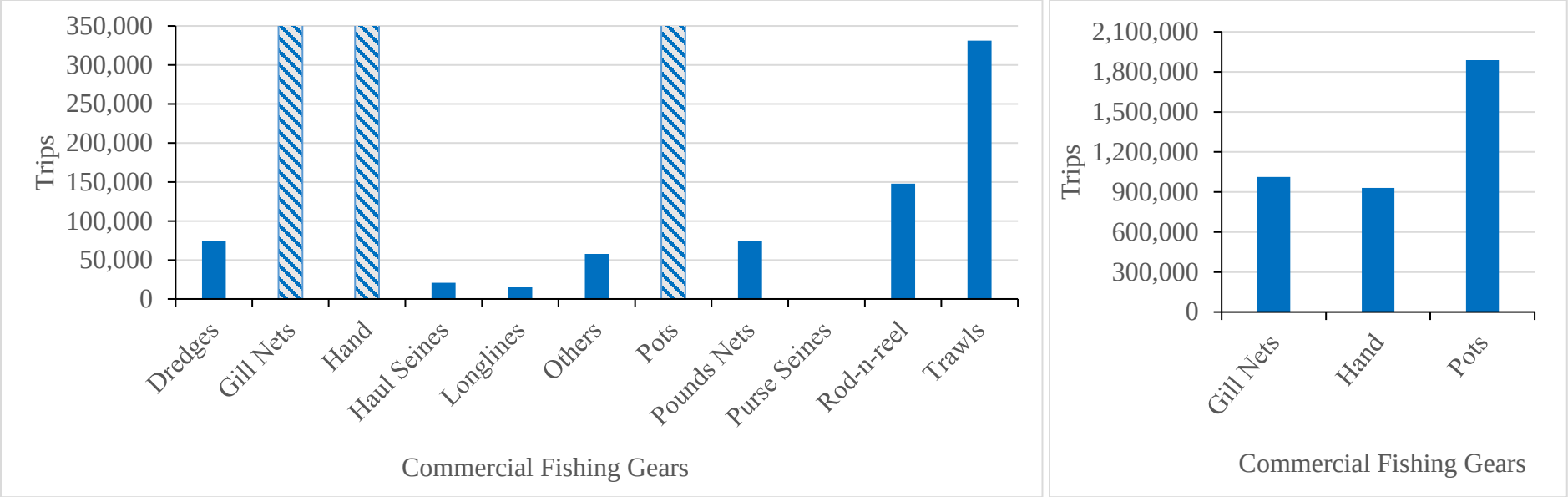

Figure 17. Total trips by gear types for commercial fisheries from 1994 to 2017.

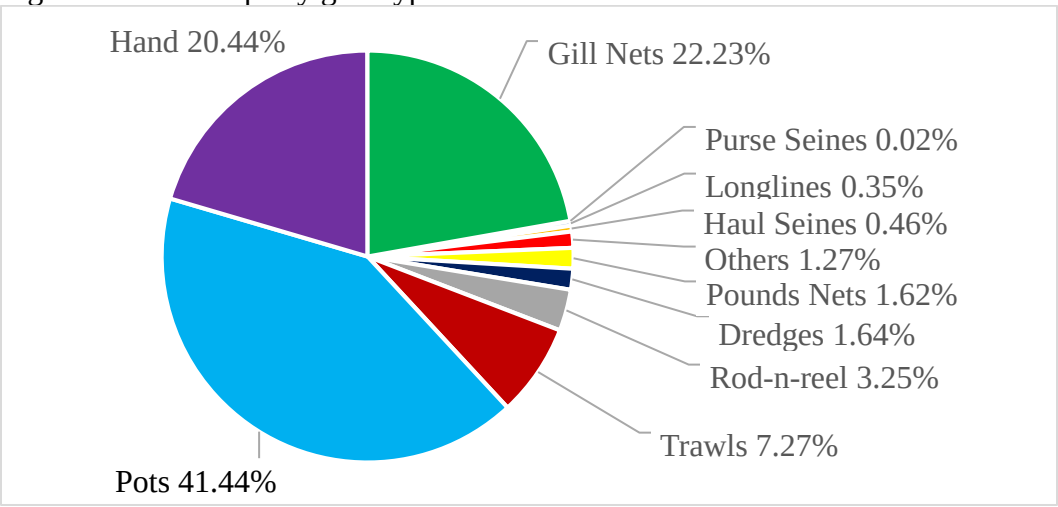

Figure 18. Total trip composition by major gear type used between 1994 and 2017.

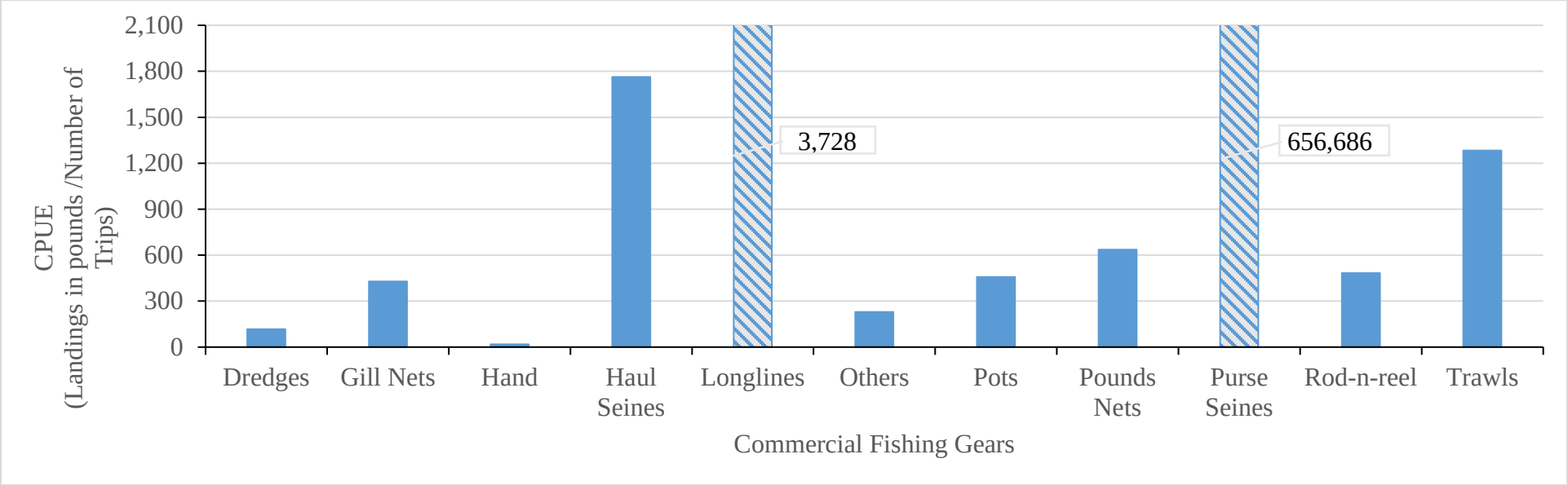

Figure 19. Annual catch per unit effort (landings in pounds / number of trips) for major gear types from 1994 to 2017.

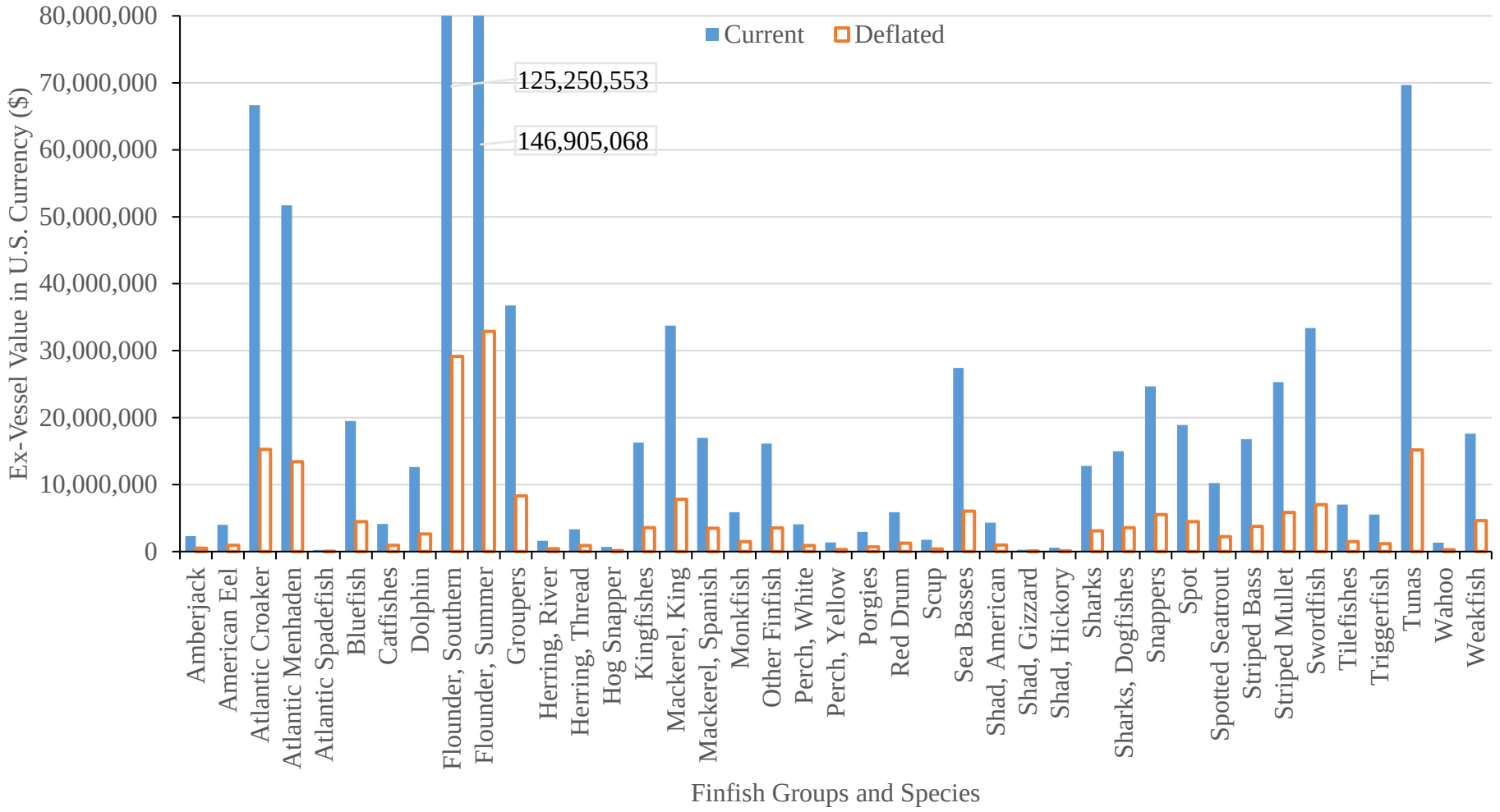

Figure 20. Total commercial fishing landings current and deflated value by major finfish groups and species from 1994 to 2017.

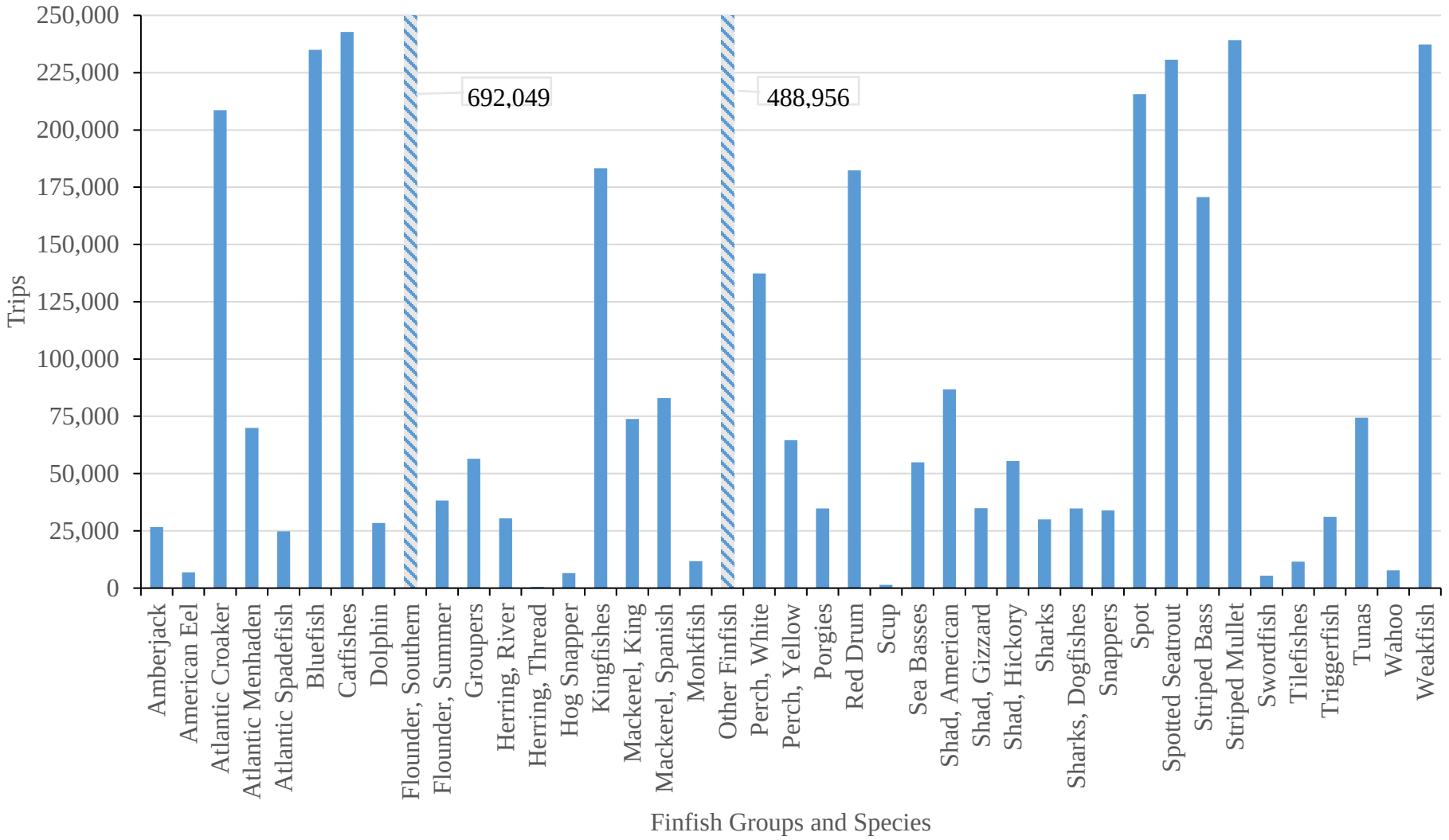

Figure 21. Total commercial fishing trips by major finfish groups and species from 1994 to 2017.

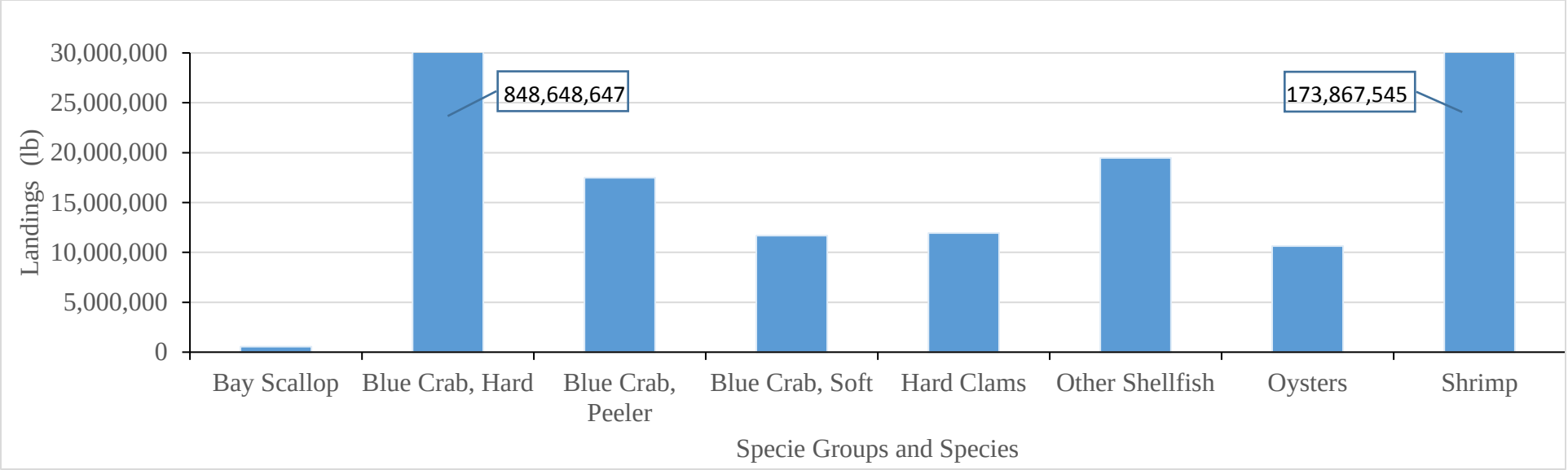

Figure 22. Total commercial fishing landings by major shellfish groups and species from 1994 to 2017.

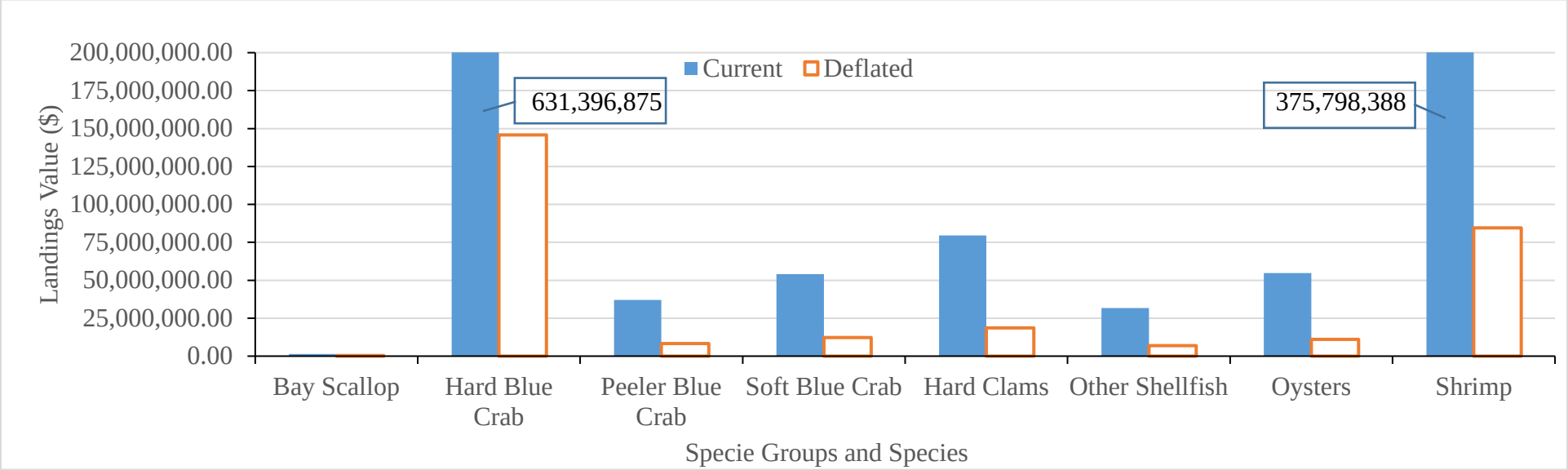

Figure 23. Total commercial fishing trips by major shellfish groups and species from 1994 to 2017.

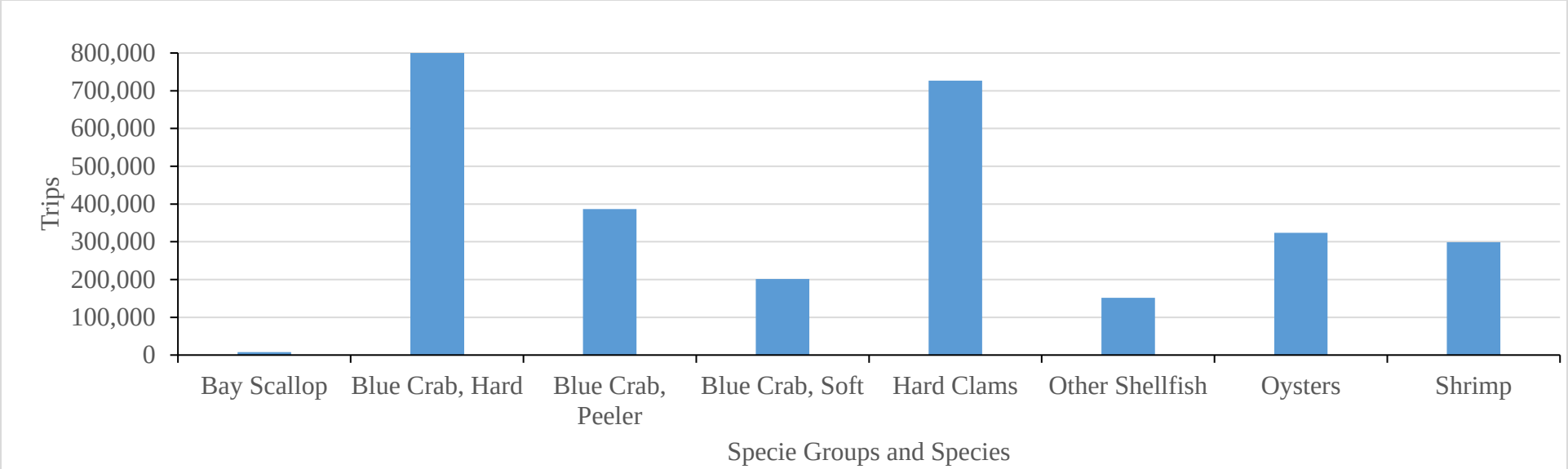

Figure 24. Total commercial fishing landings current and deflated value by major shellfish groups and species from 1994 to 2017.

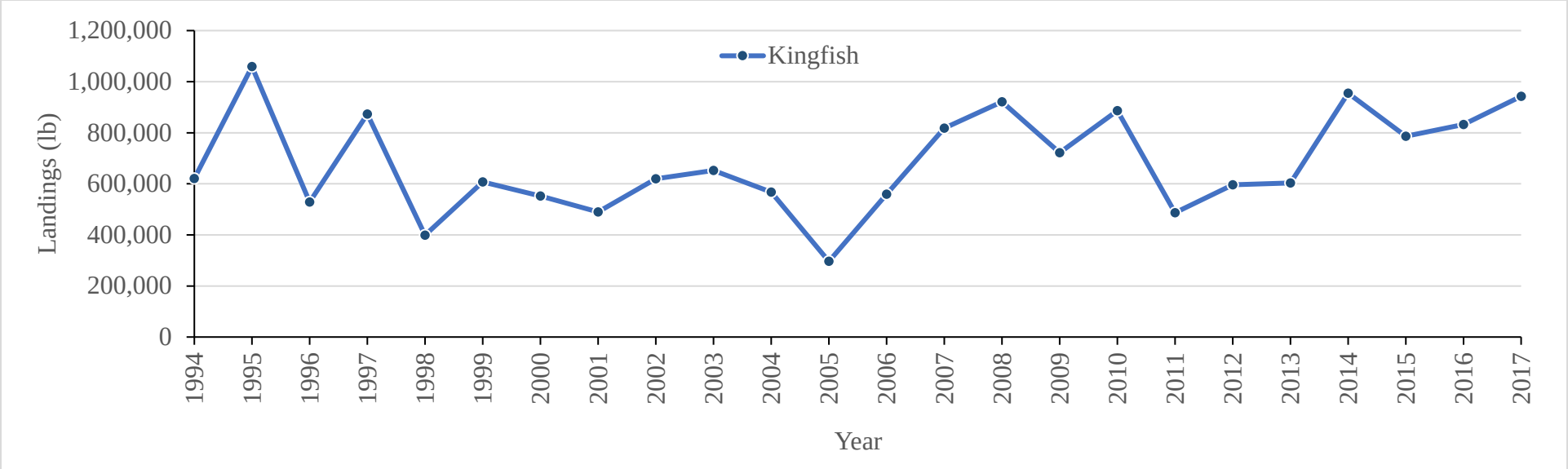

Figure 25.Annual Kingfish landings from 1994 to 2017.

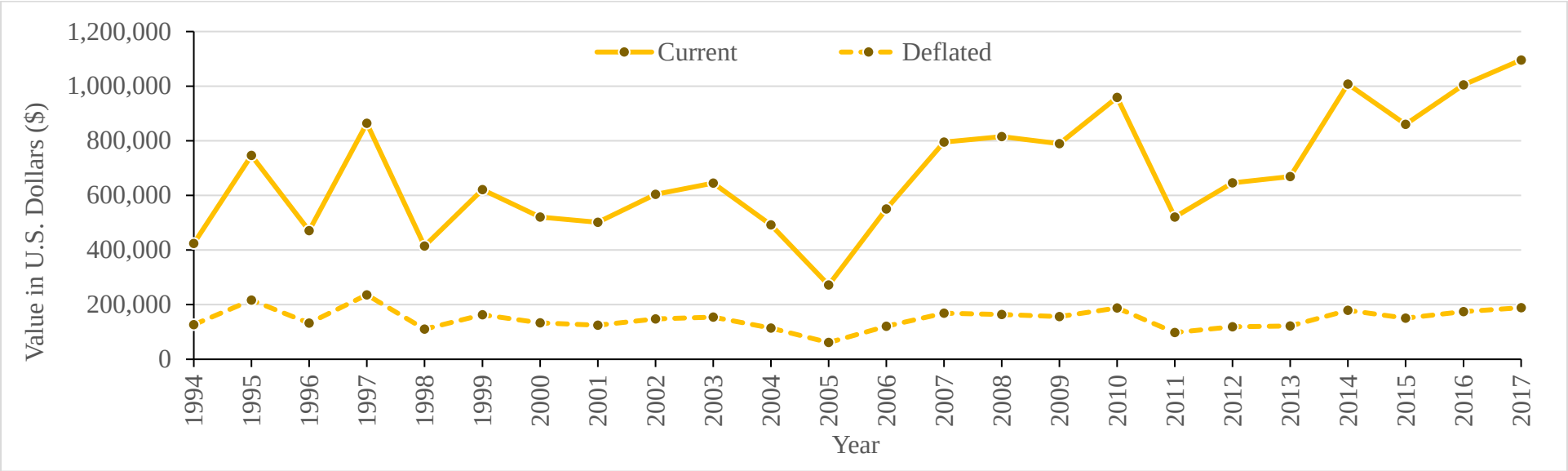

Figure 26. Annual current and deflated value for Kingfish landings from 1994 to 2017.

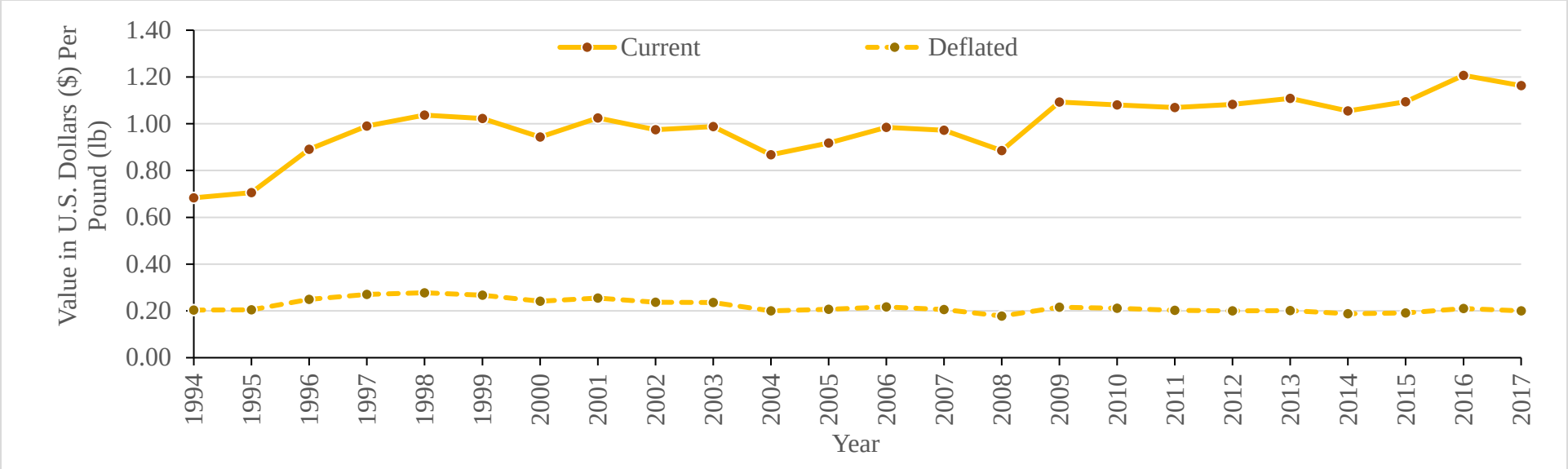

Figure 27. Annual current and deflated per pound value for Kingfish landings from 1994 to 2017.

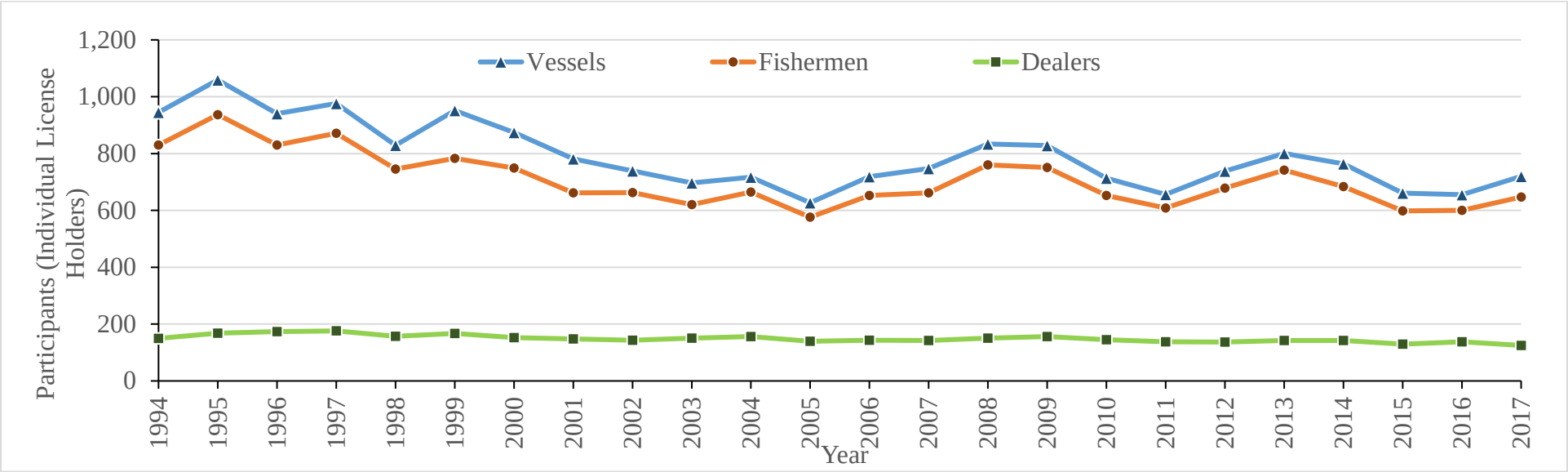

Figure 28. Annual number of participants for Kingfish trips from 1994 to 2017 including vessels, fishermen and dealers.

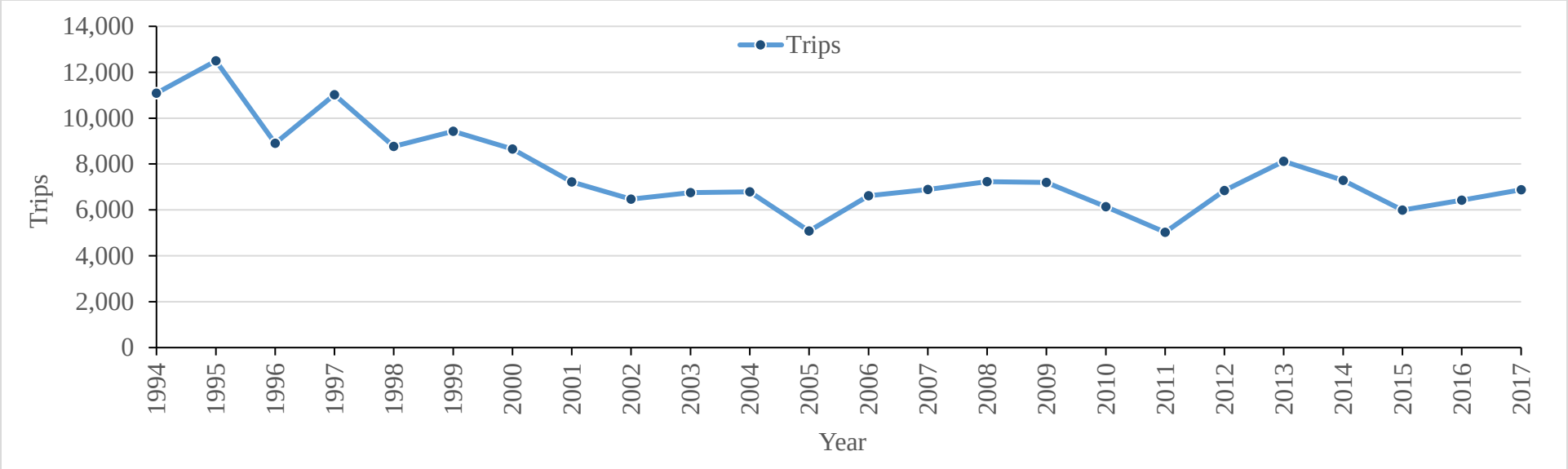

Figure 29. Annual number of trips with Kingfish landings from 1994 to 2017.

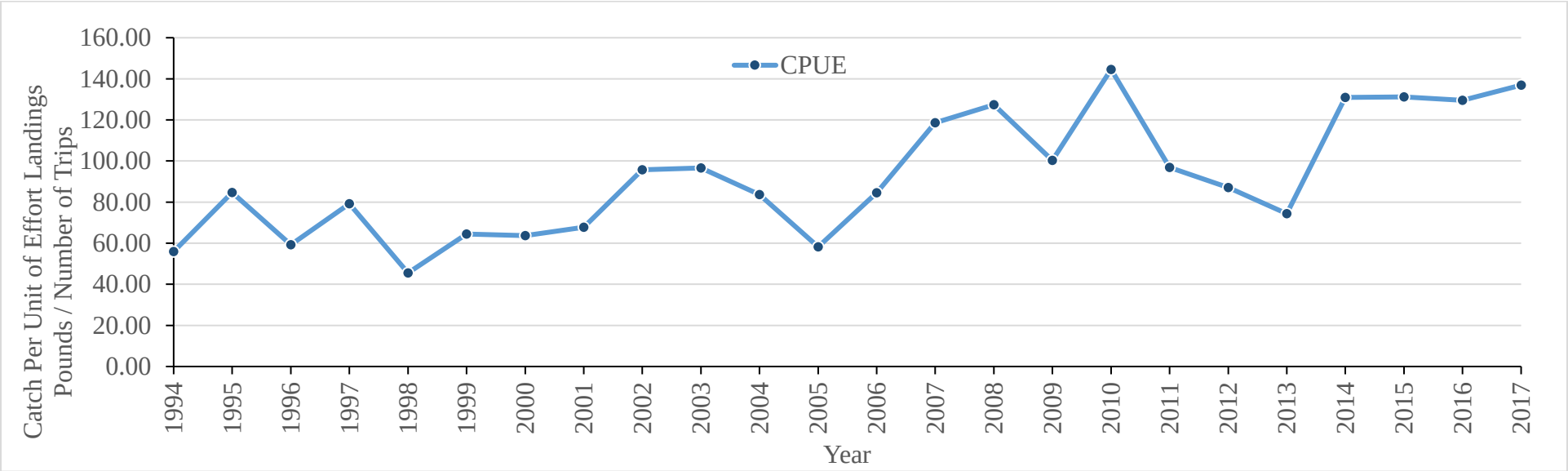

Figure 30. Annual catch per unit effort (landing pounds / number of trips) for Kingfish from 1994 to 2017.

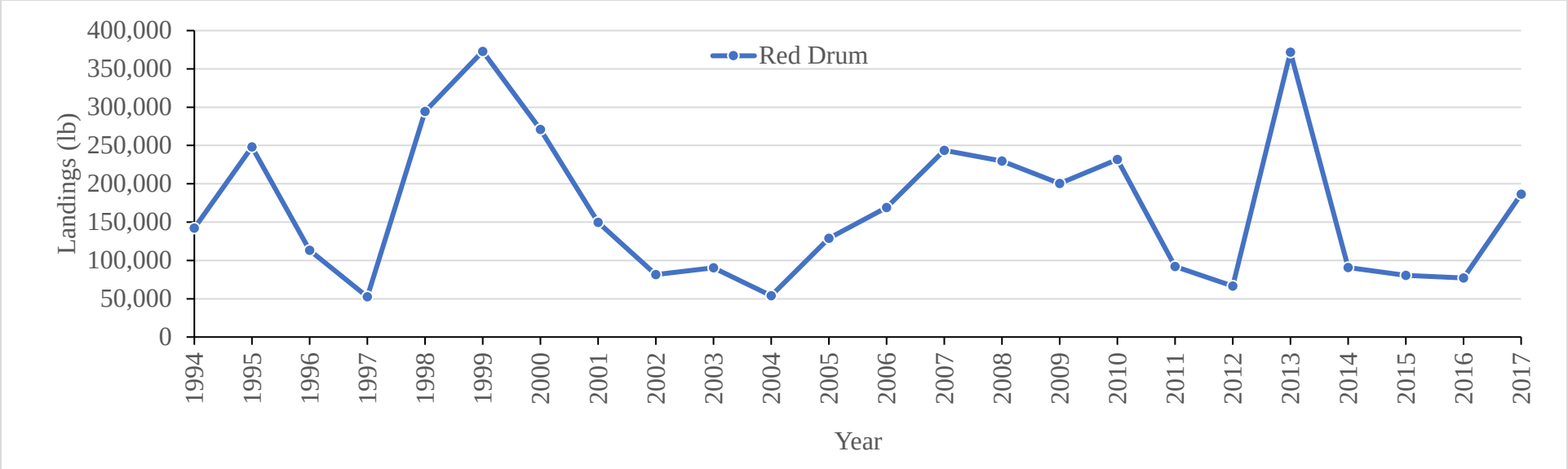

Figure 31. Annual Red Drum landings from 1994 to 2017.

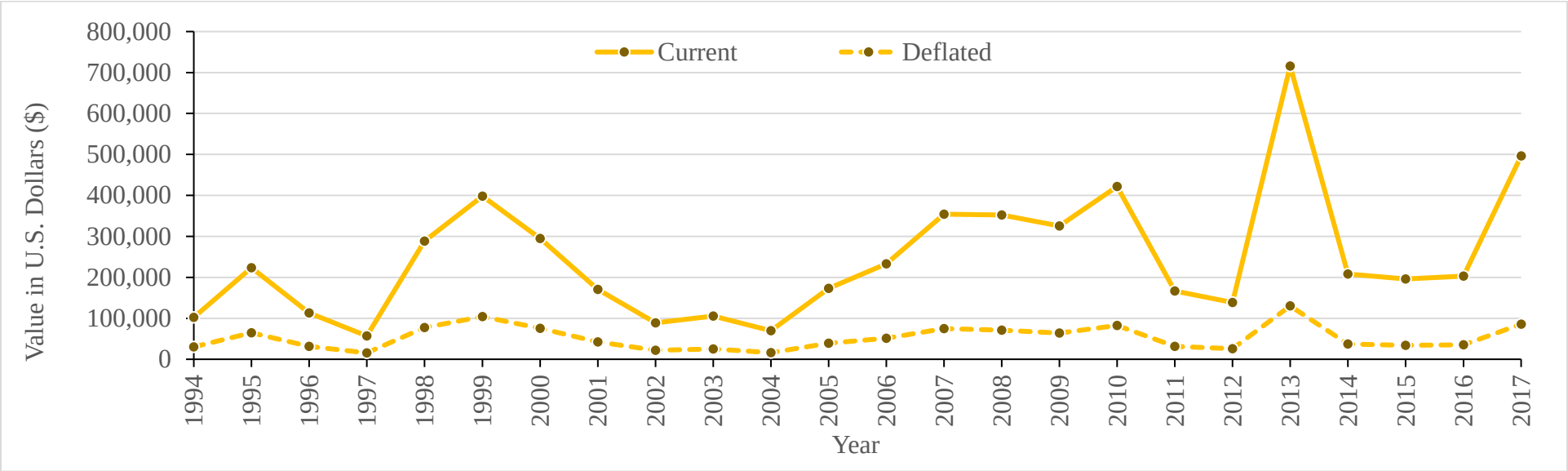

Figure 32. Annual current and deflated value for Red Drum landings from 1994 to 2017.

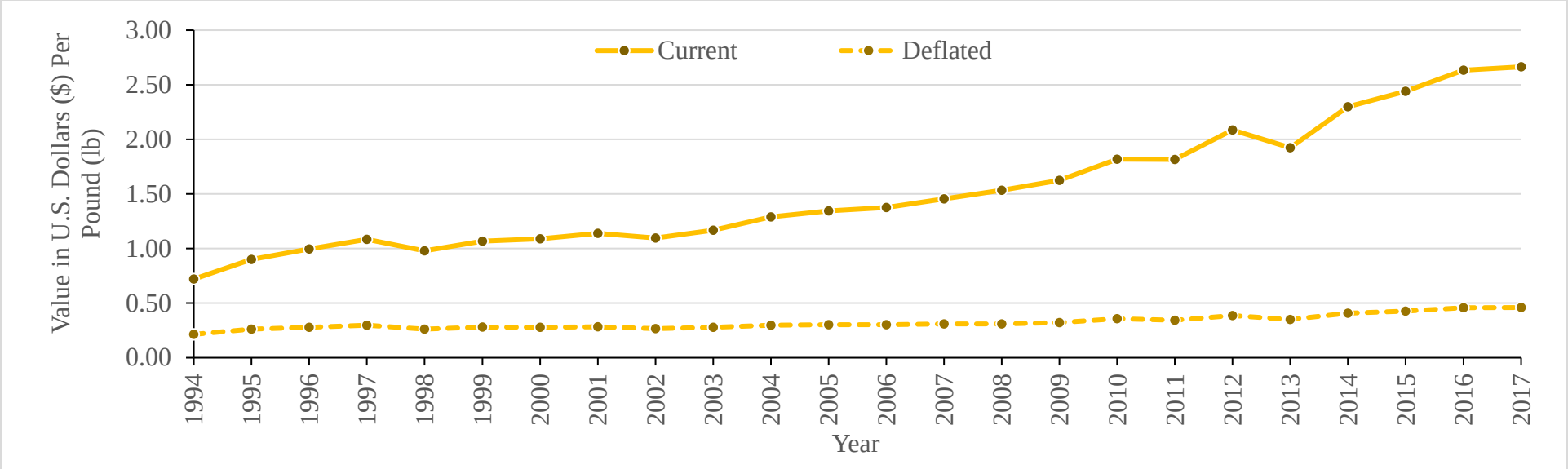

Figure 33. Annual current and deflated per pound value for Red Drum landings from 1994 to 2017.

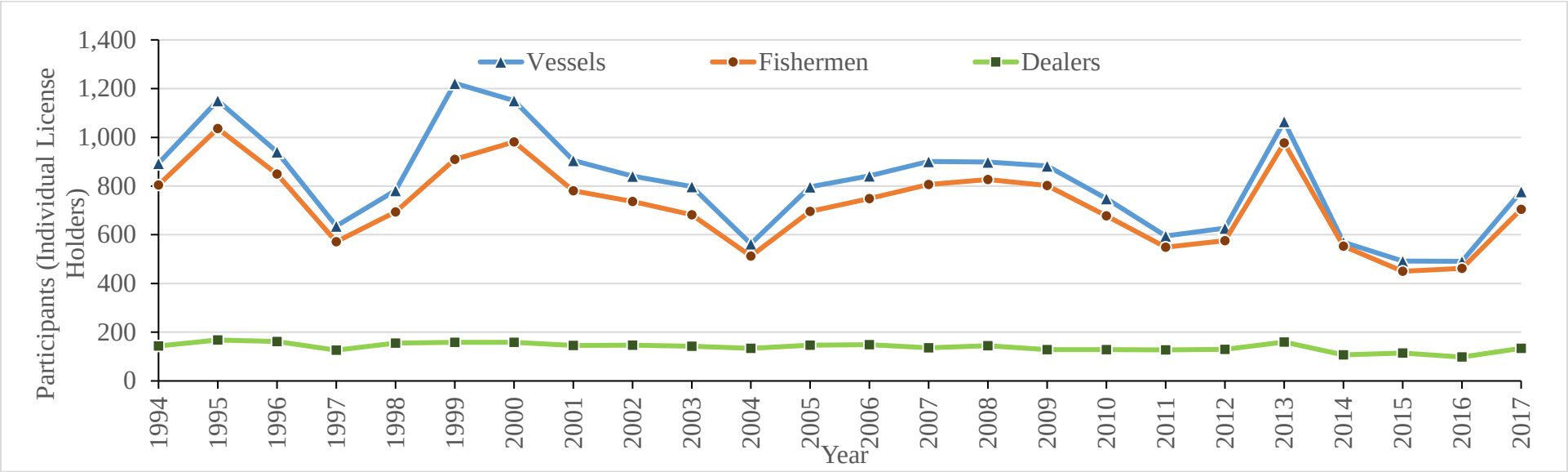

Figure 34. Annual number of participants for Red Drum trips from 1994 to 2017 including vessels, fishermen and dealers.

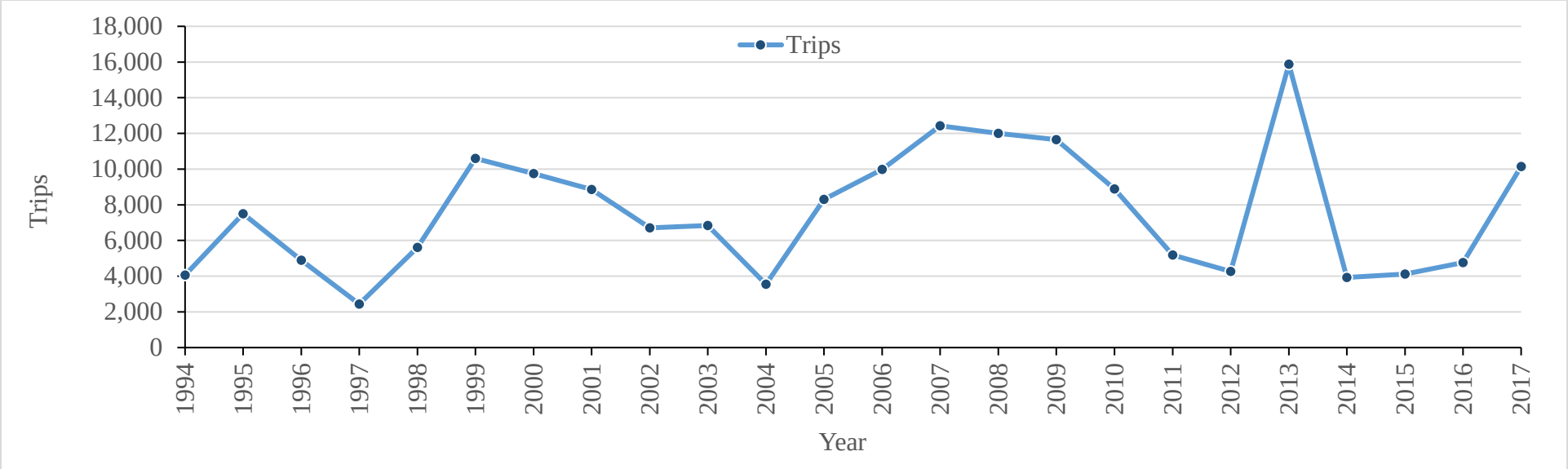

Figure 35. Annual number of trips with Red Drum landings from 1994 to 2017.

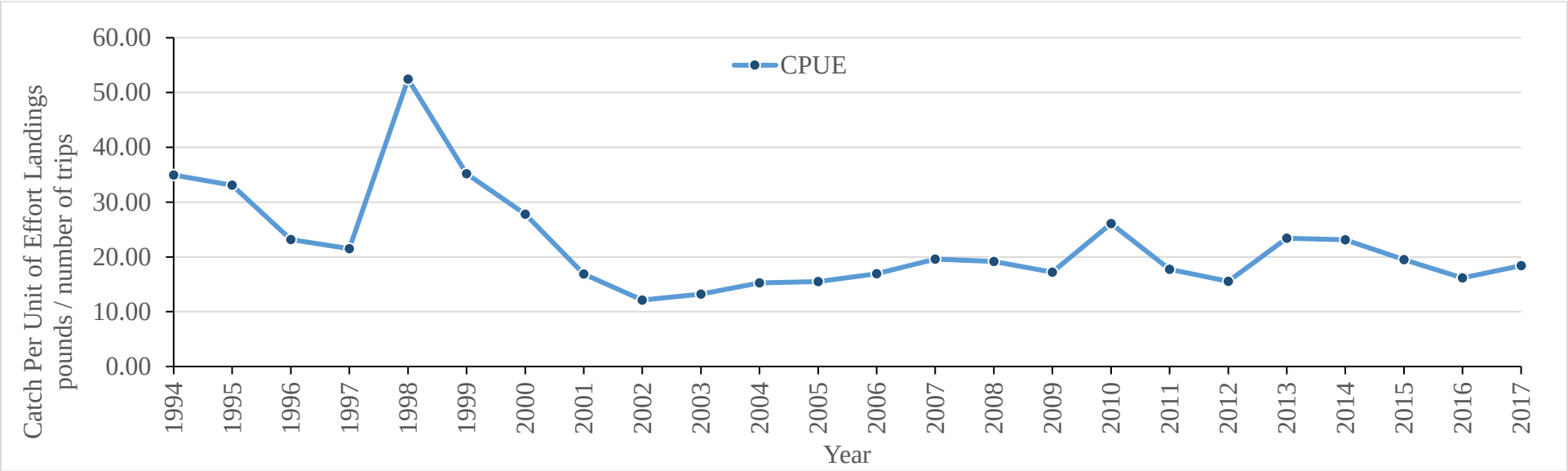

Figure 36. Annual catch per unit effort (landing pounds / number of trips) for Red Drum from 1994 to 2017.

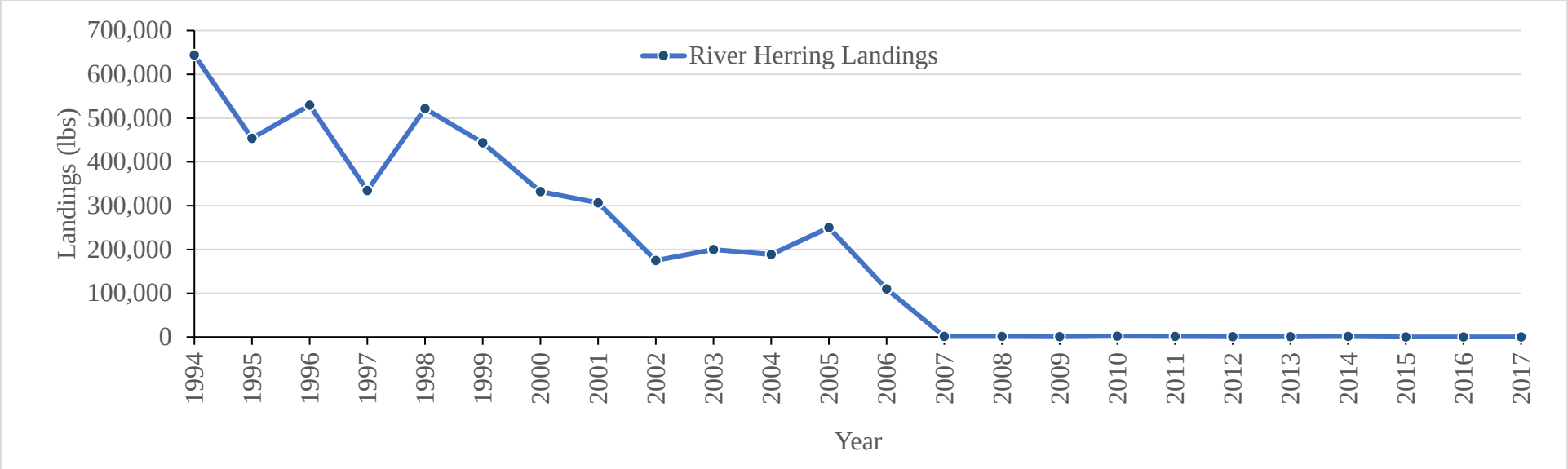

Figure 37. Annual River Herring landings from 1994 to 2017.

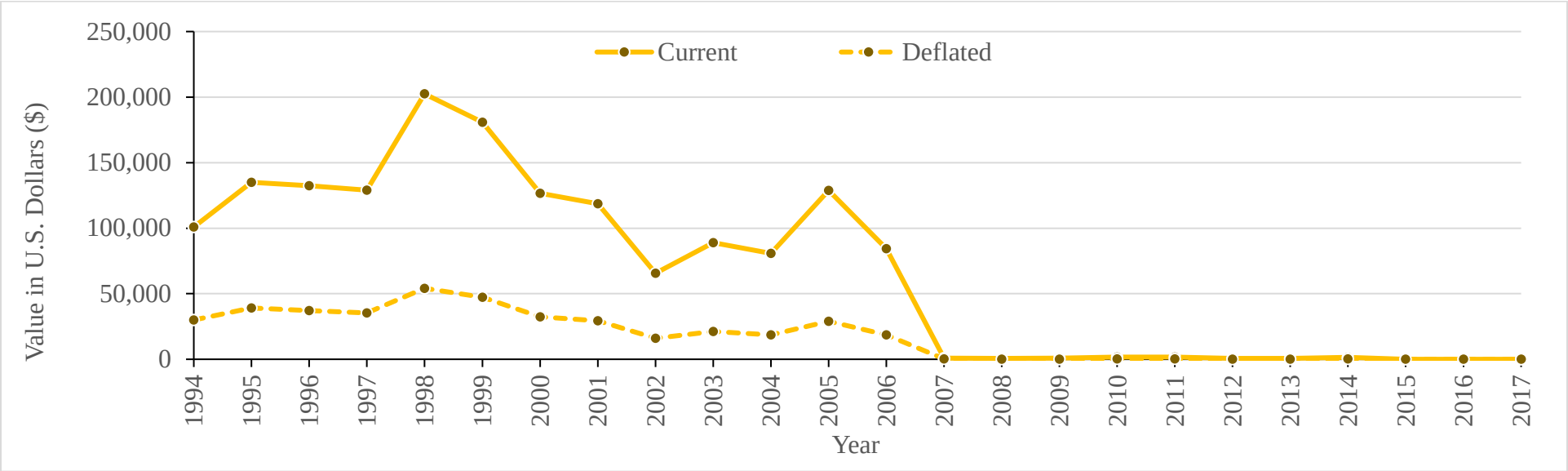

Figure 38. Annual current and deflated value for River Herring landings from 1994 to 2017.

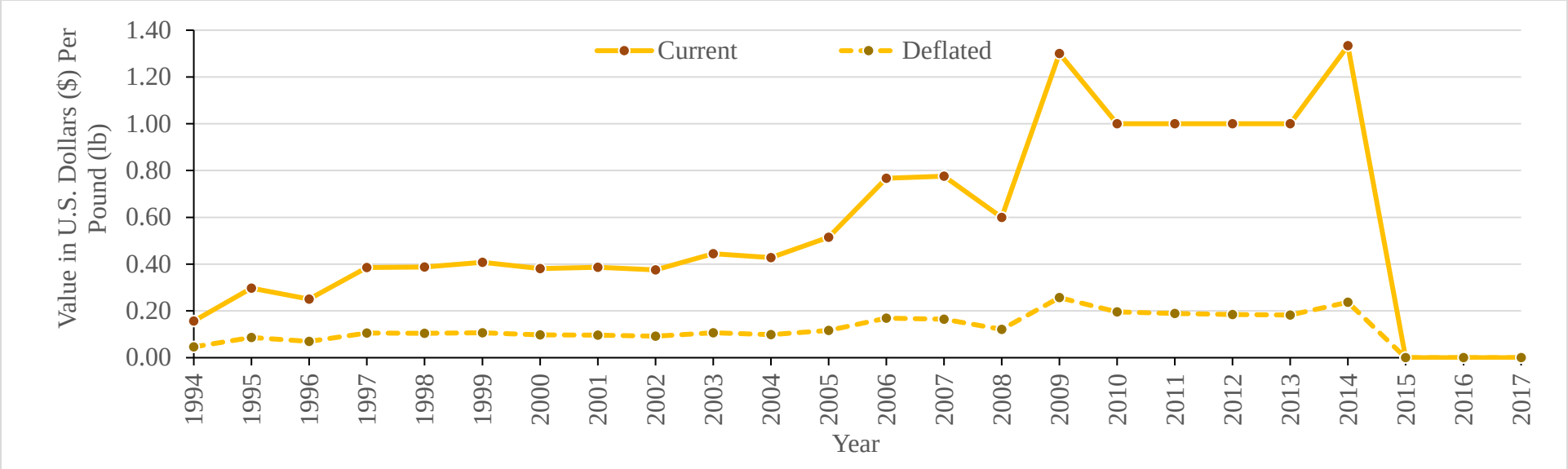

Figure 39. Annual current and deflated per pound value for River Herring landings from 1994 to 2017.

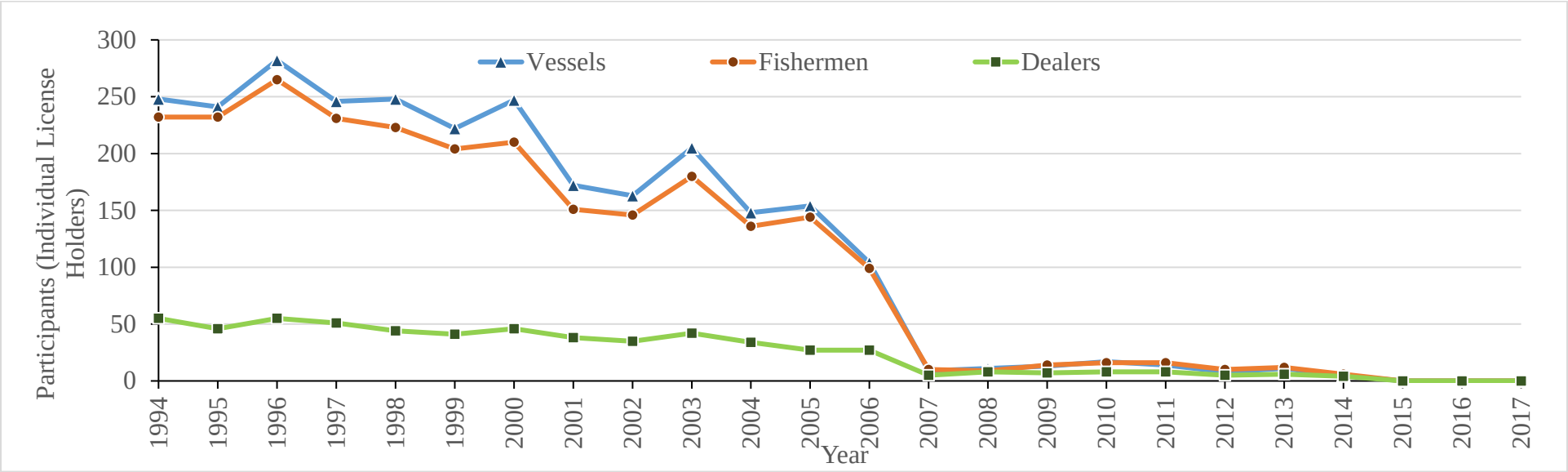

Figure 40. Annual number of participants for River Herring trips from 1994 to 2017 including vessels, fishermen and dealers.

Figure 41. Annual number of trips with River Herring landings from 1994 to 2017.

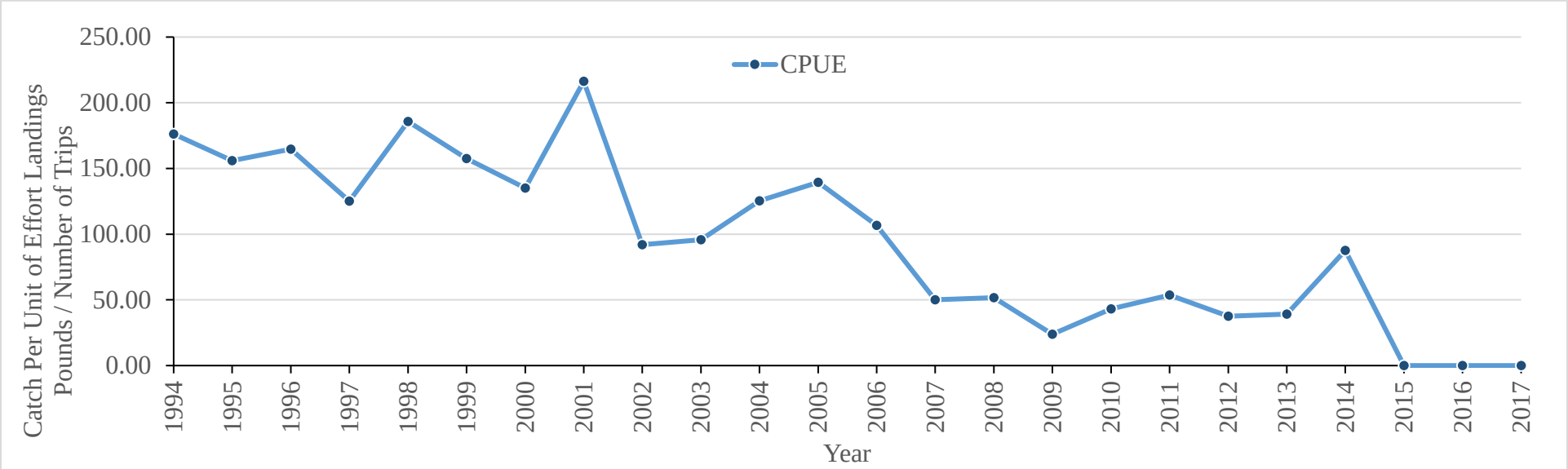

Figure 42. Annual catch per unit effort landings pounds / number of trips for River Herring from 1994 to 2017.

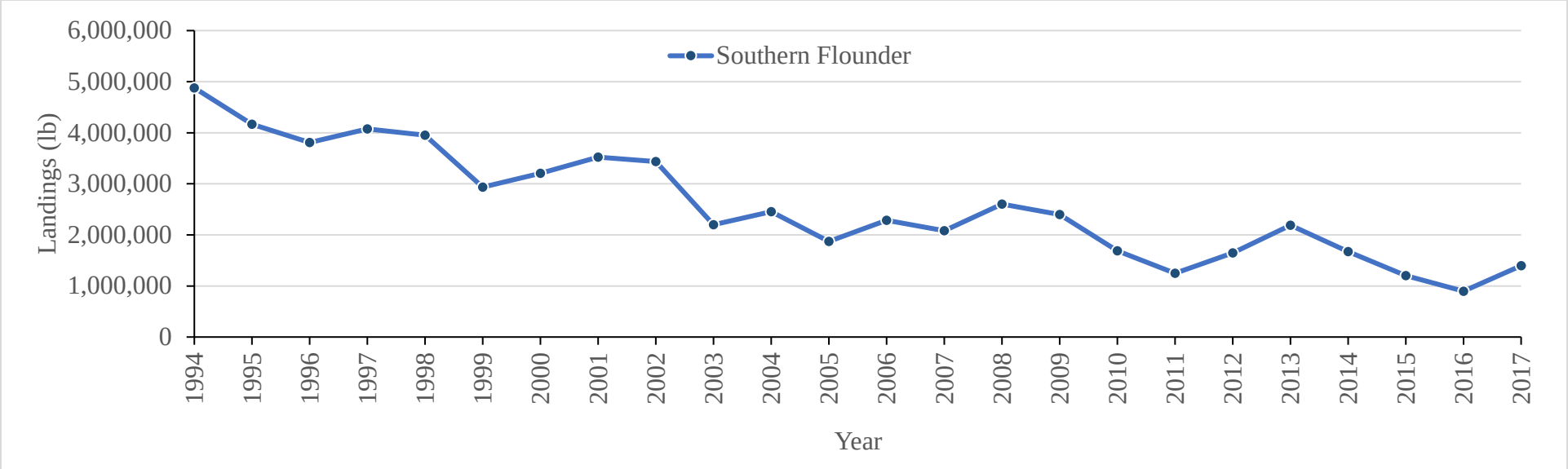

Figure 43. Annual Southern Flounder landings from 1994 to 2017.

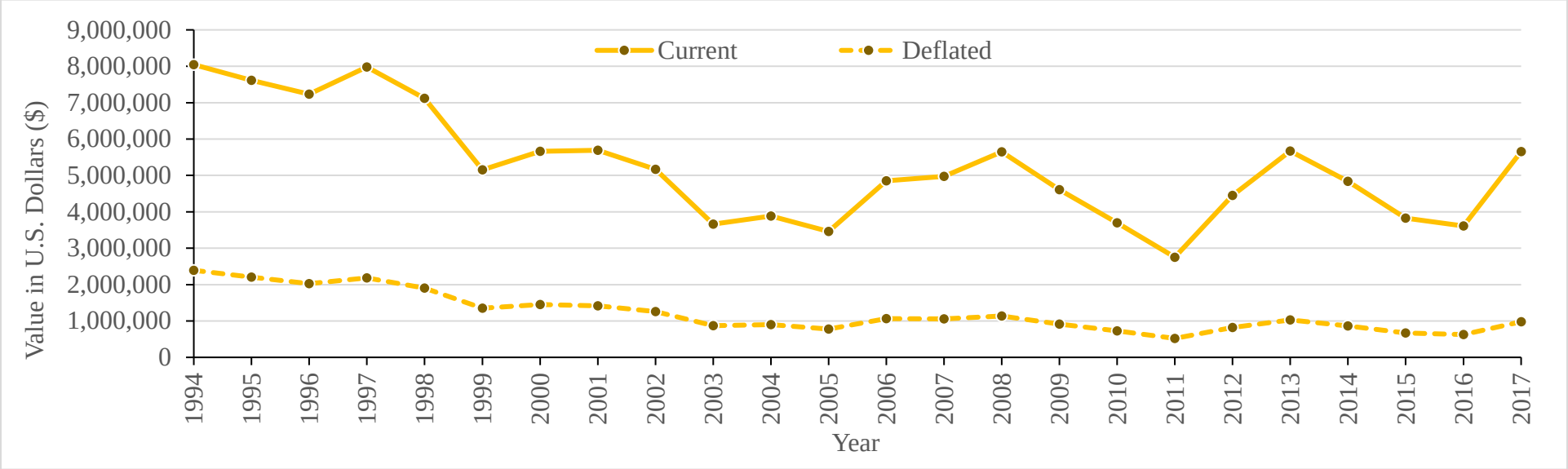

Figure 44. Annual current and deflated value for Southern Flounder landings from 1994 to 2017.

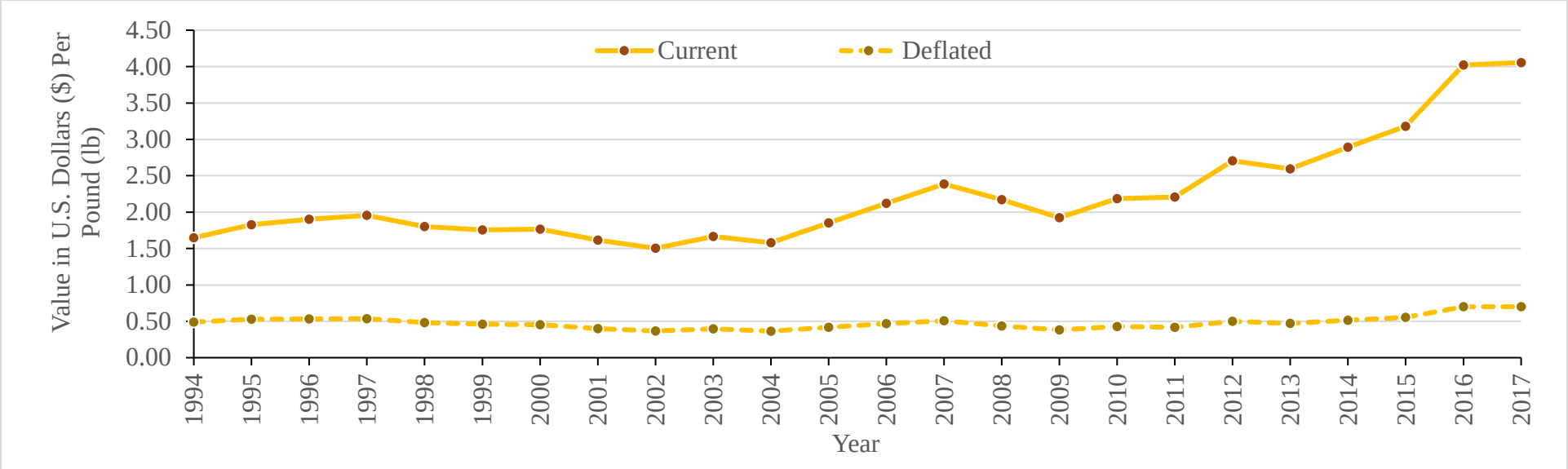

Figure 45. Annual current and deflated per pound value for Southern Flounder landings from 1994 to 2017.

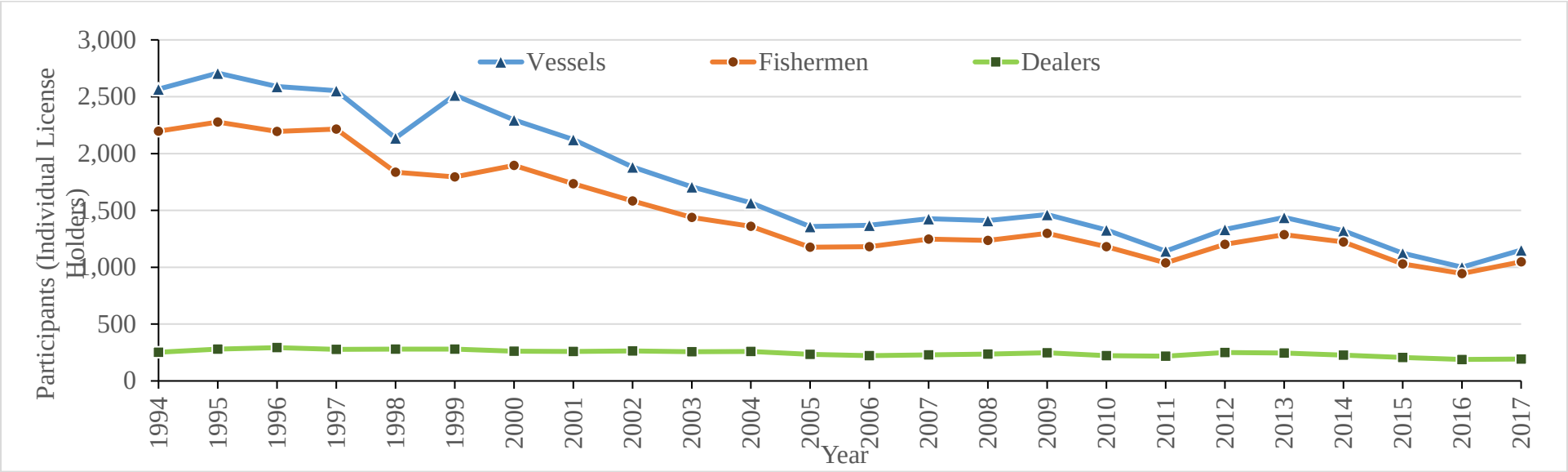

Figure 46. Annual number of participants for Southern Flounder trips from 1994 to 2017 including vessels, fishermen and dealers.

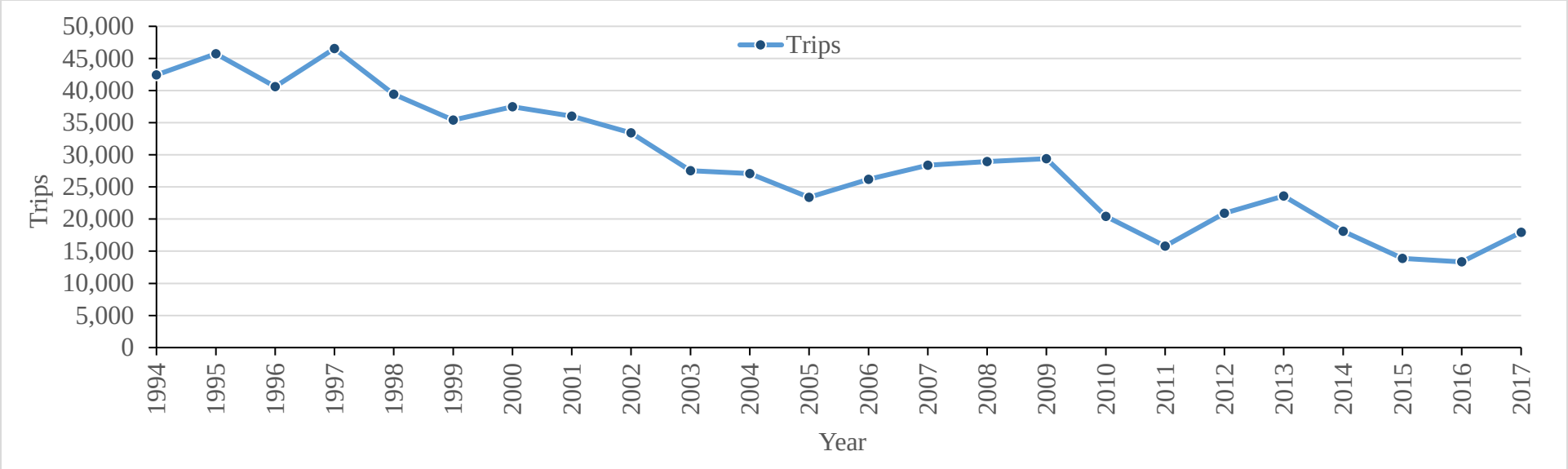

Figure 47. Annual number of trips with Southern Flounder landings from 1994 to 2017.

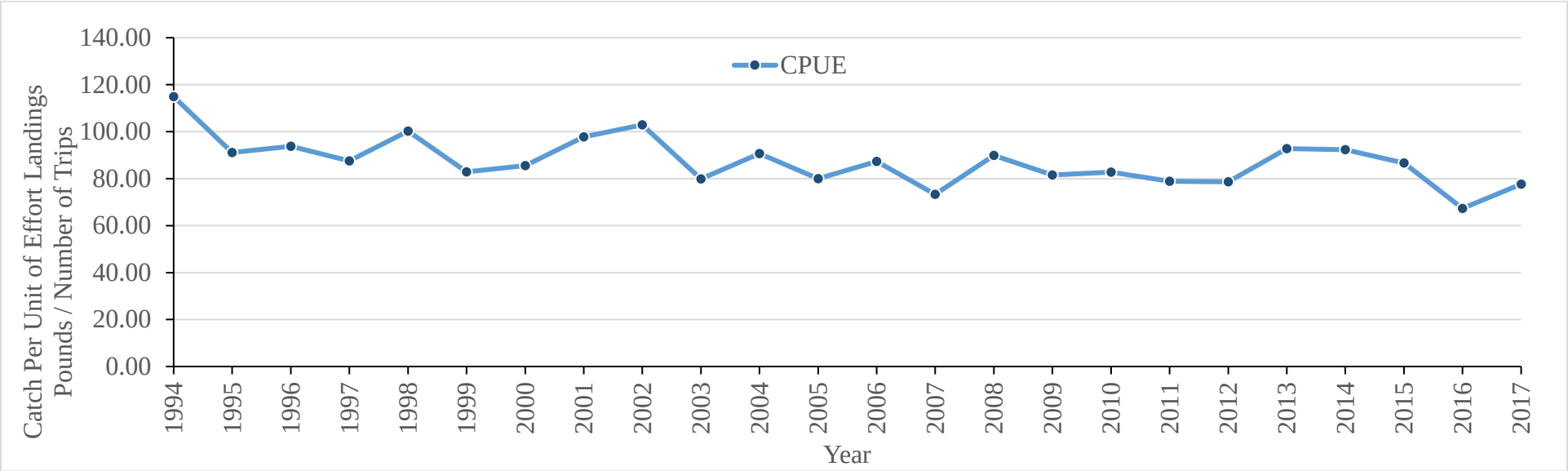

Figure 48. Annual catch per unit effort landings pounds / number of trips for Southern Flounder from 1994 to 2017.

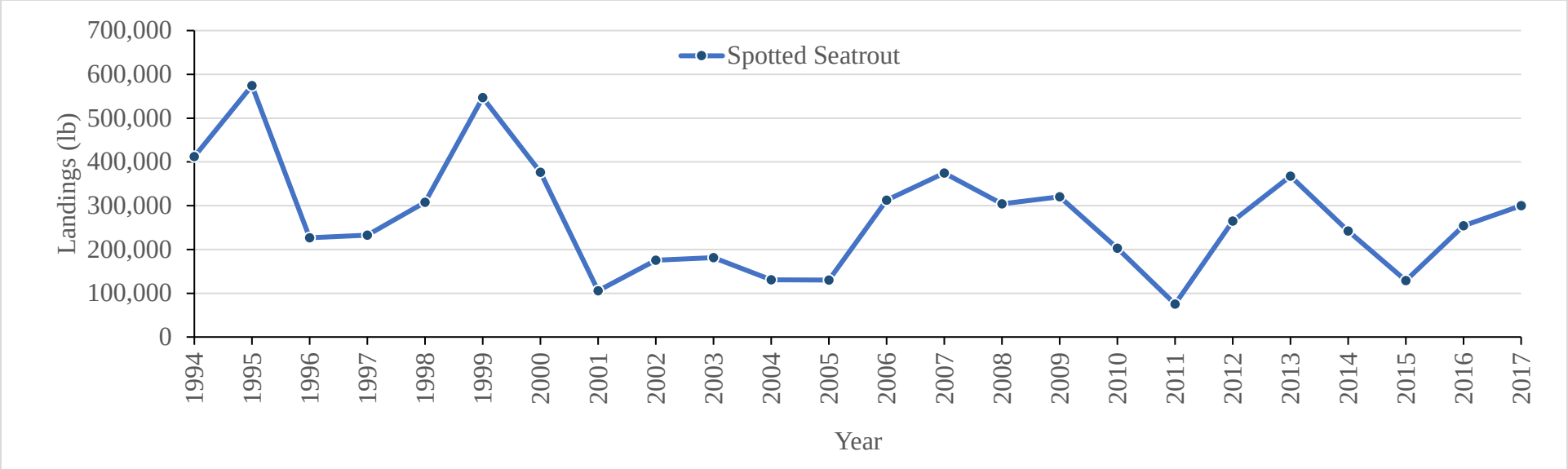

Figure 49. Annual Spotted Seatrout landings from 1994 to 2017.

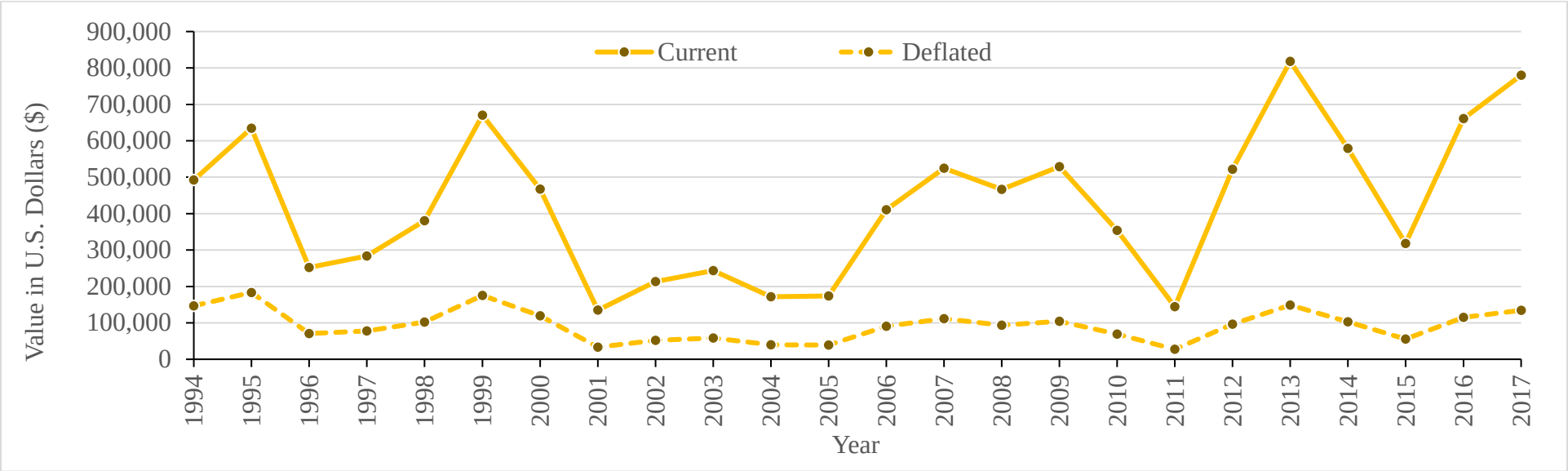

Figure 50. Annual current and deflated value for Spotted Seatrout landings from 1994 to 2017.

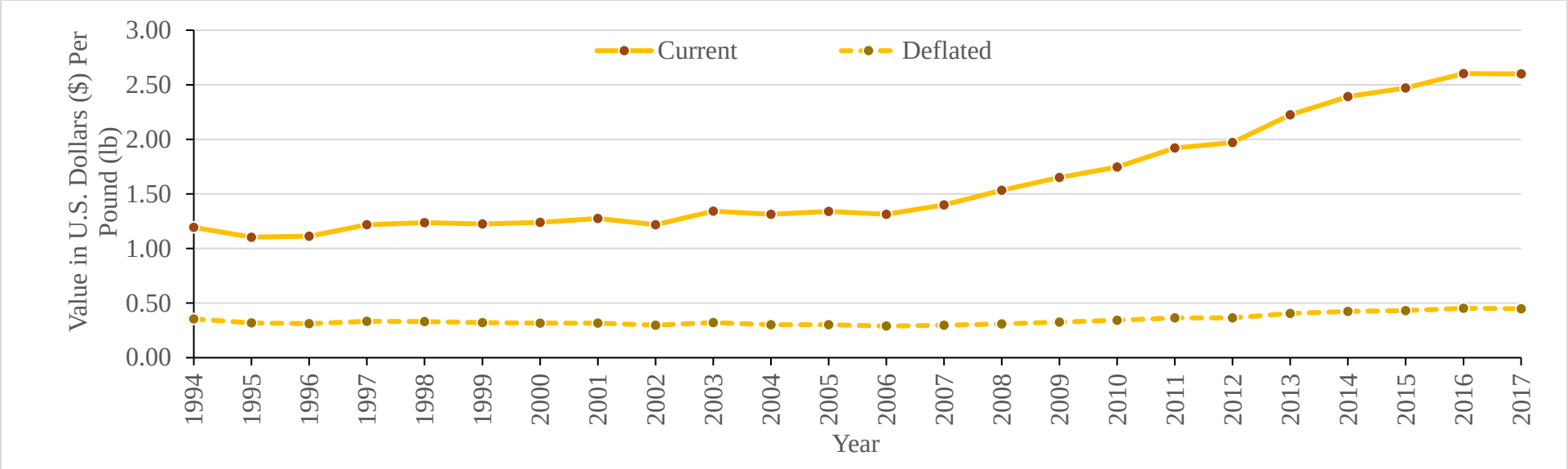

Figure 51. Annual current and deflated per pound value for Spotted Seatrout landings from 1994 to 2017.

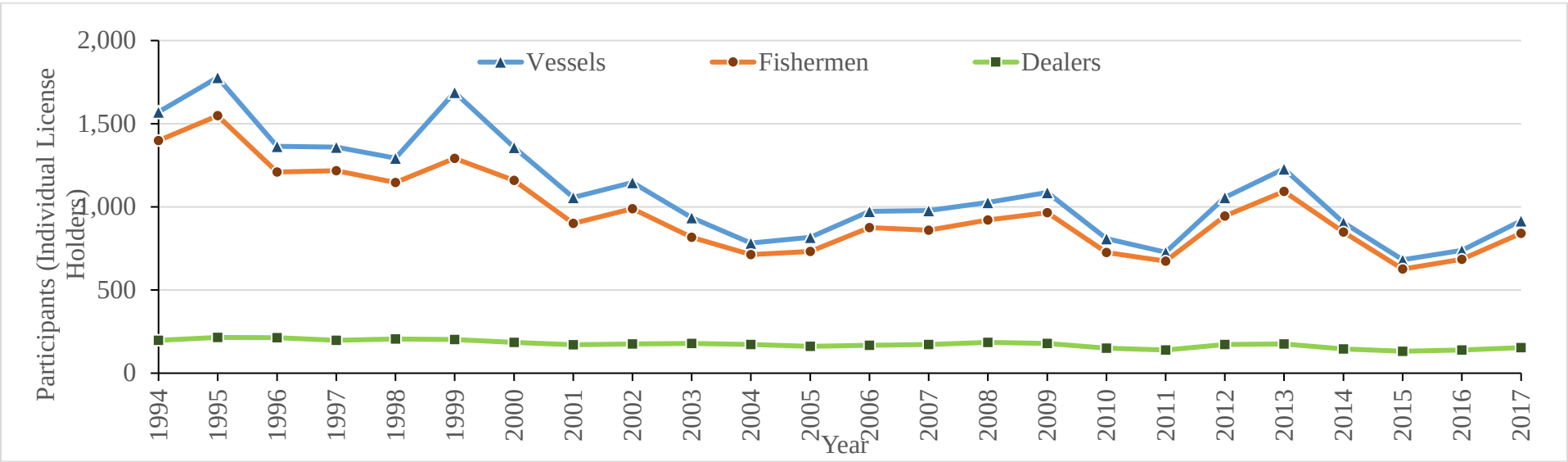

Figure 52. Annual number of participants for Spotted Seatrout trips from 1994 to 2017 including vessels, fishermen and dealers.

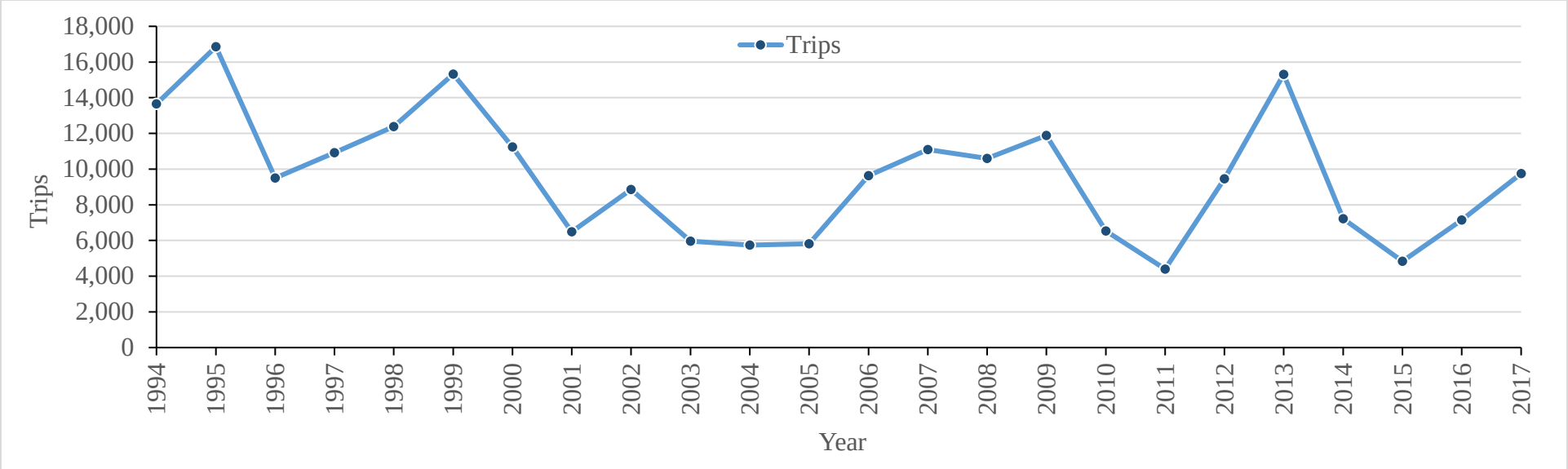

Figure 53. Annual number of trips with Spotted Seatrout landings from 1994 to 2017.

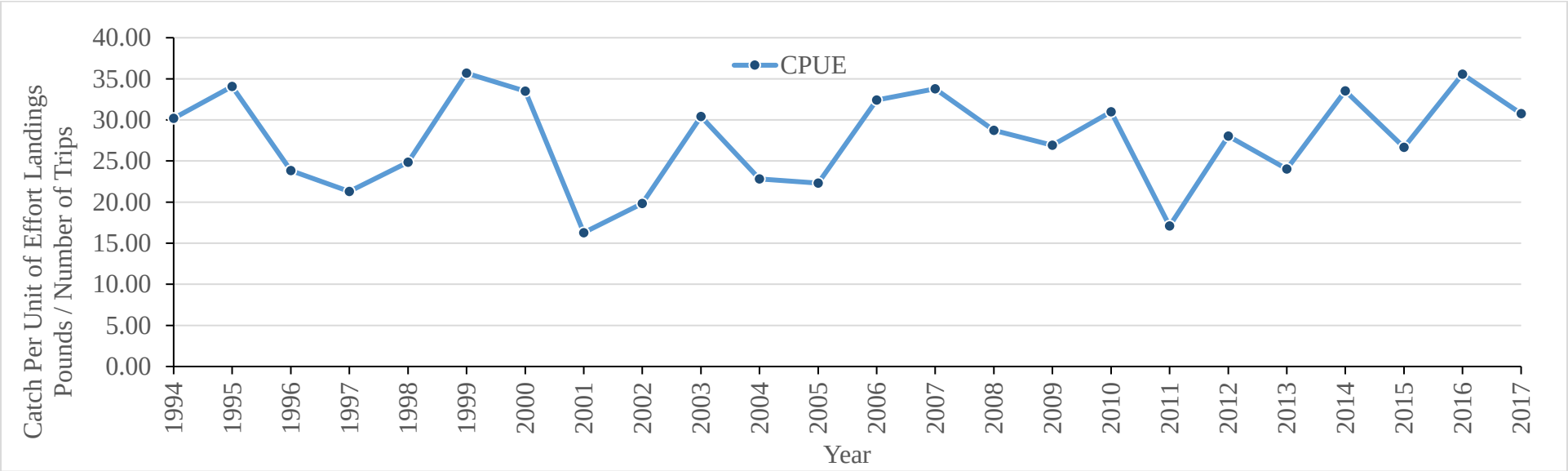

Figure 54. Annual catch per unit effort landings pounds / number of trips for Spotted Seatrout from 1994 to 2017.

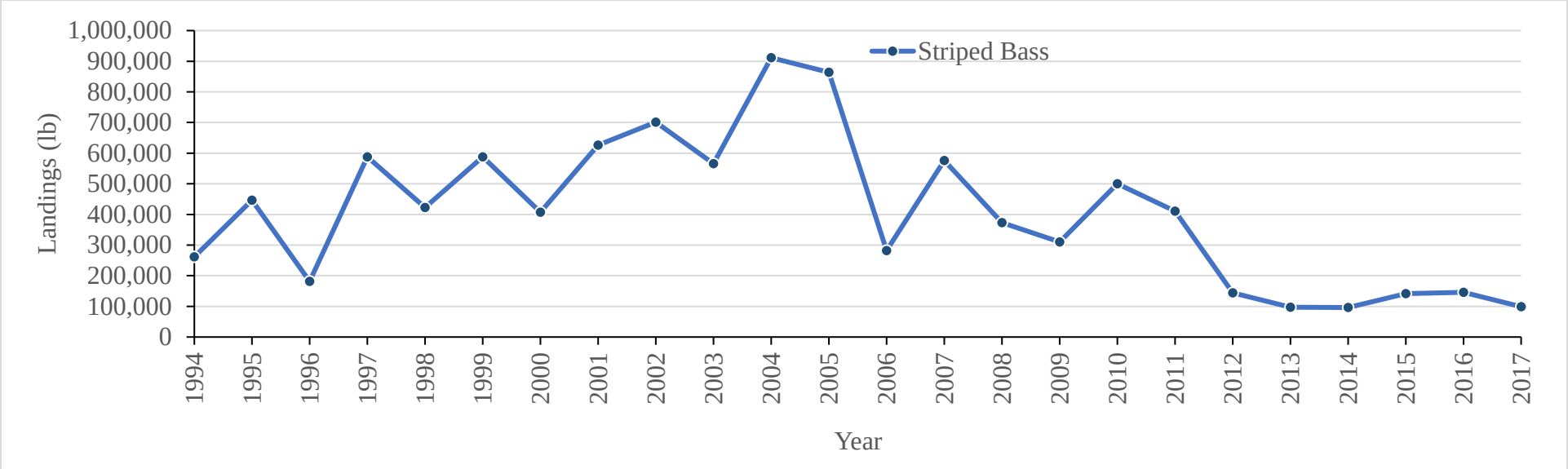

Figure 55. Annual Striped Bass landings from 1994 to 2017.

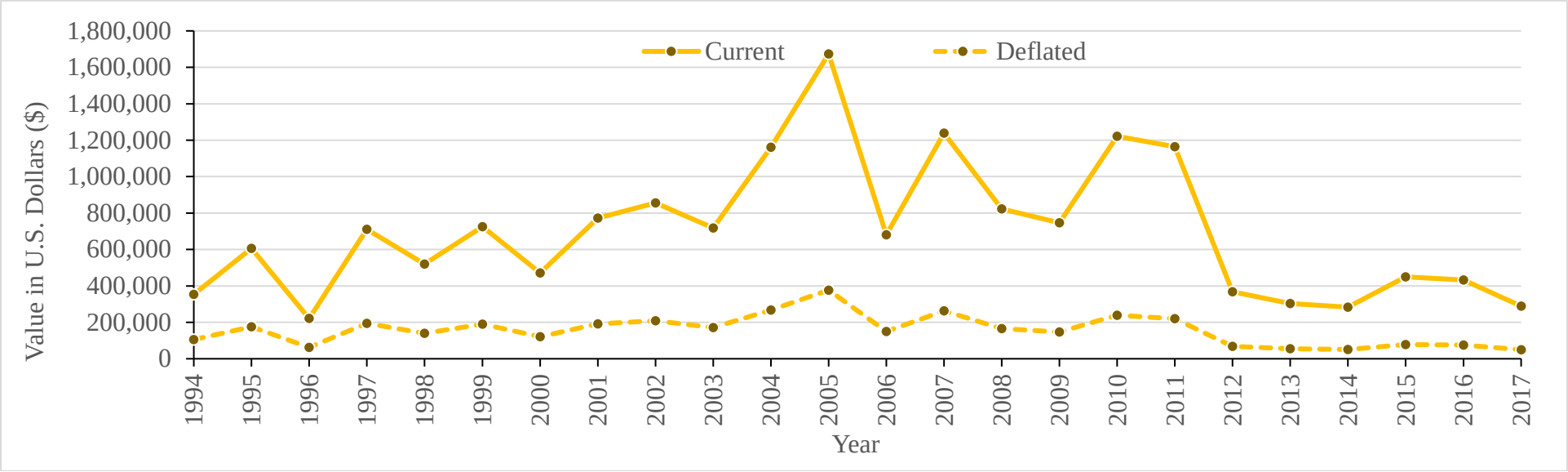

Figure 56. Annual current and deflated value for Striped Bass landings from 1994 to 2017.

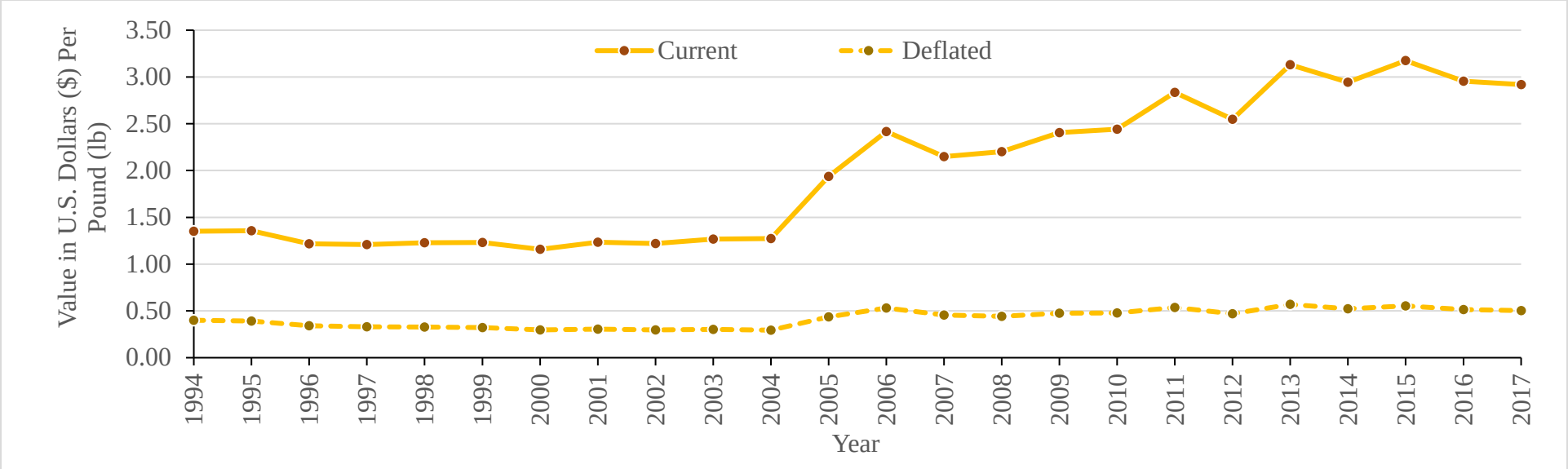

Figure 57. Annual current and deflated per pound value for Striped Bass landings from 1994 to 2017.

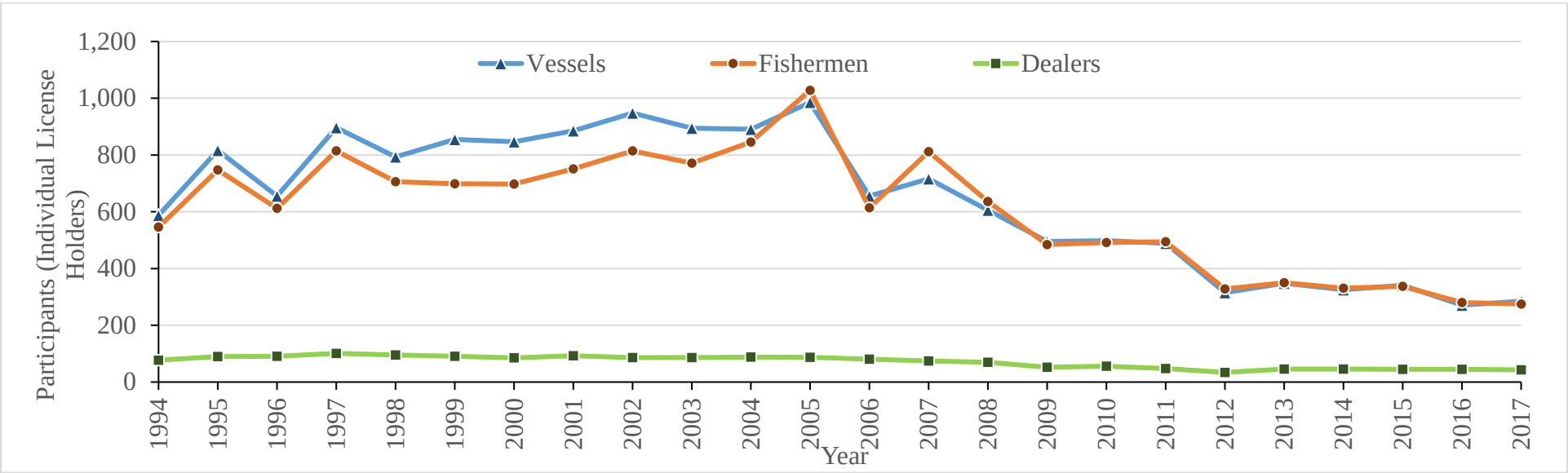

Figure 58. Annual number of participants for Striped Bass trips from 1994 to 2017 including vessels, fishermen and dealers.

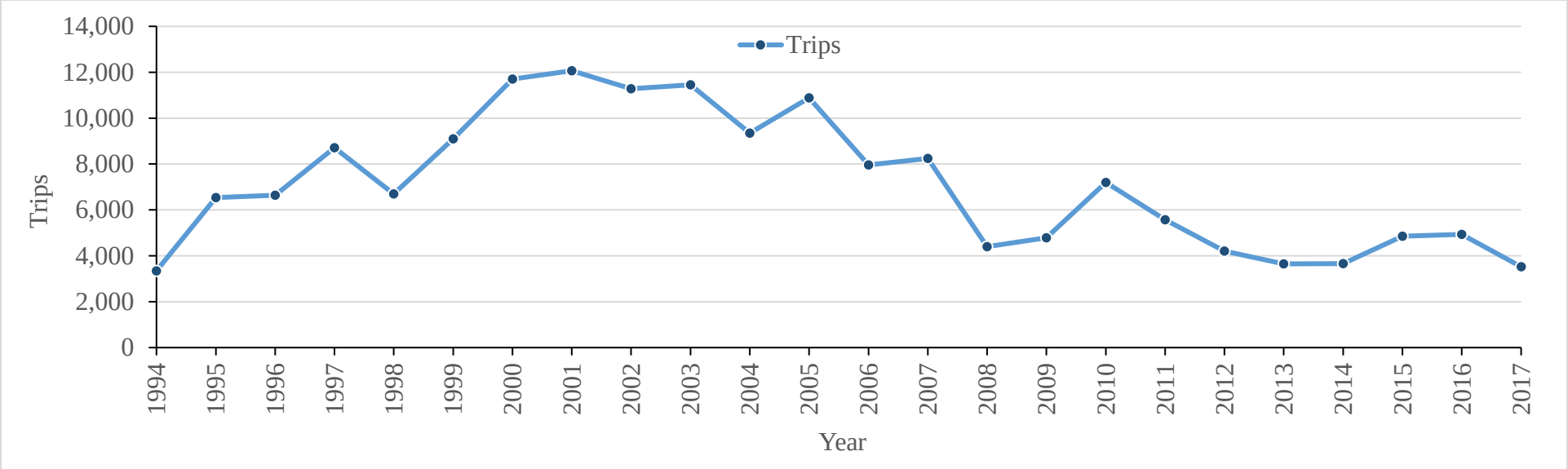

Figure 59. Annual number of trips with Striped Bass landings from 1994 to 2017.

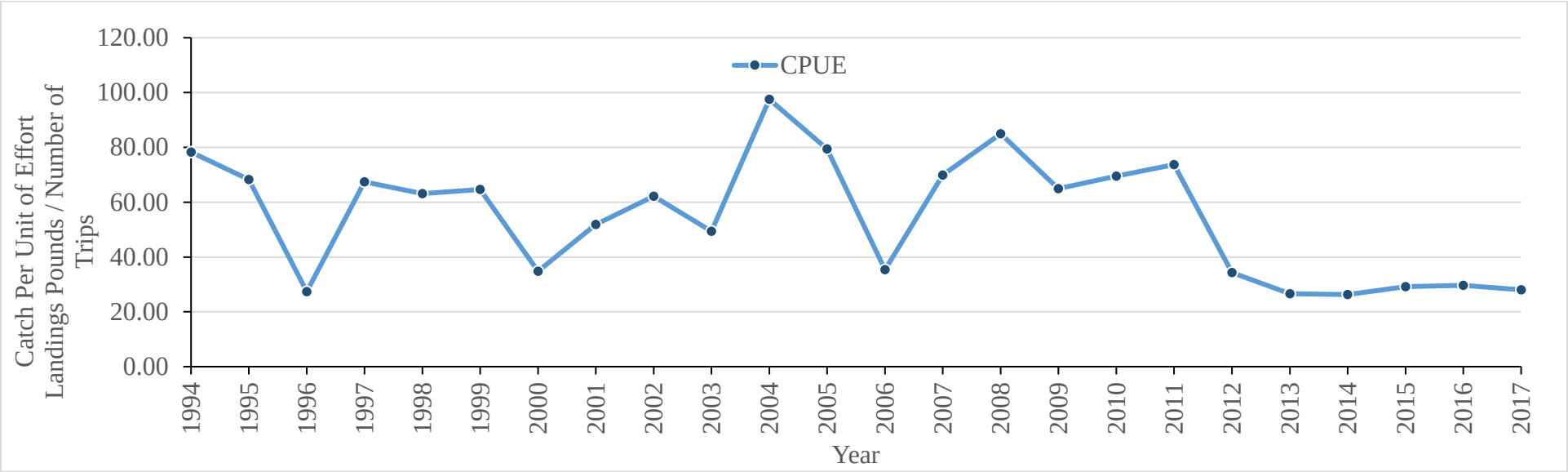

Figure 60. Annual catch per unit effort landings pounds / number of trips for Striped Bass from 1994 to 2017.

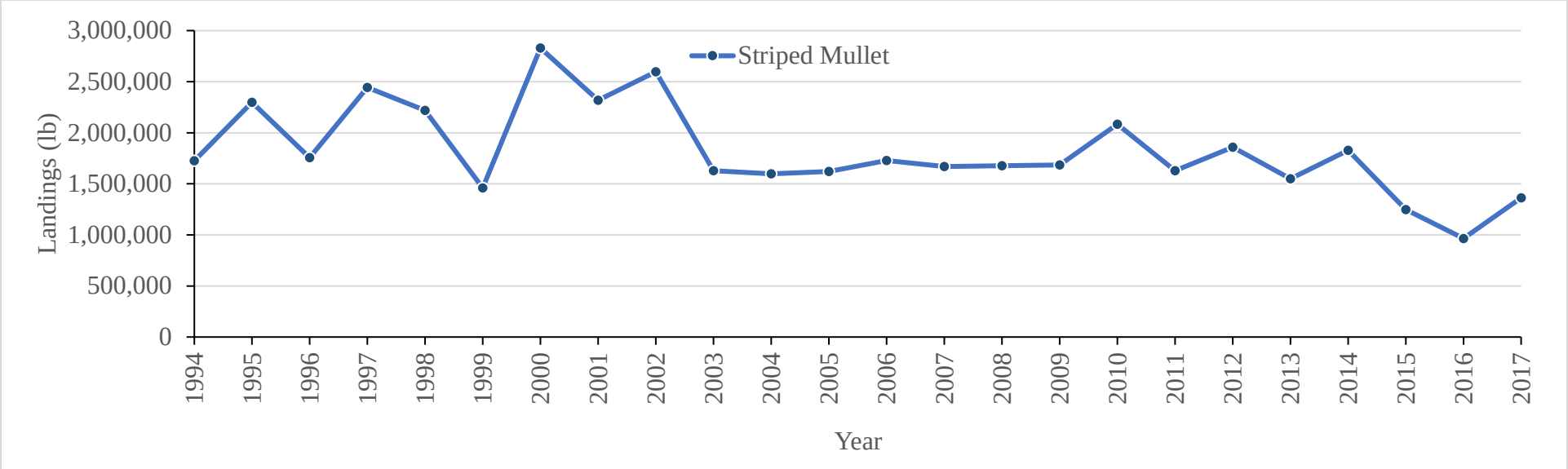

Figure 61. Annual Striped Mullet landings from 1994 to 2017.

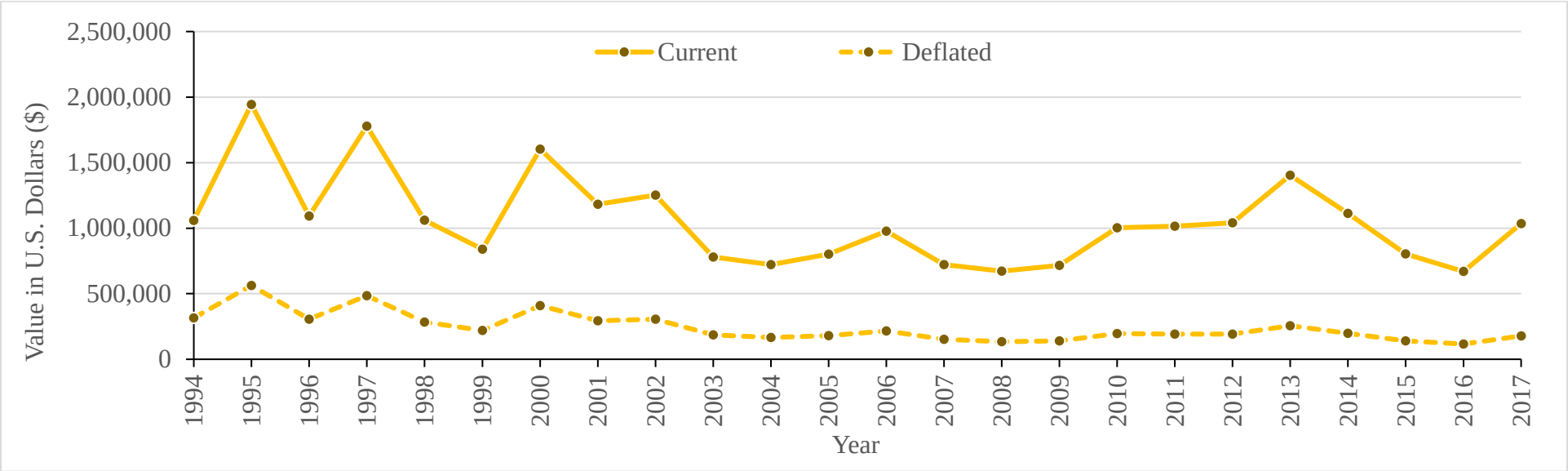

Figure 62. Annual current and deflated value for Striped Mullet landings from 1994 to 2017.

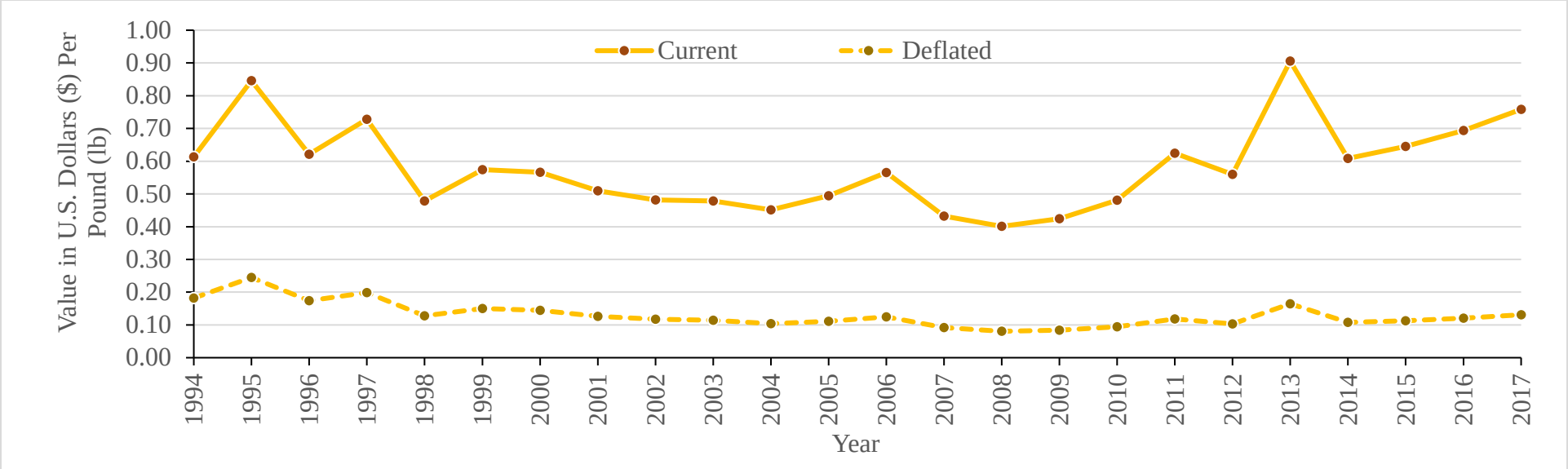

Figure 63. Annual current and deflated per pound value for Striped Mullet landings from 1994 to 2017.

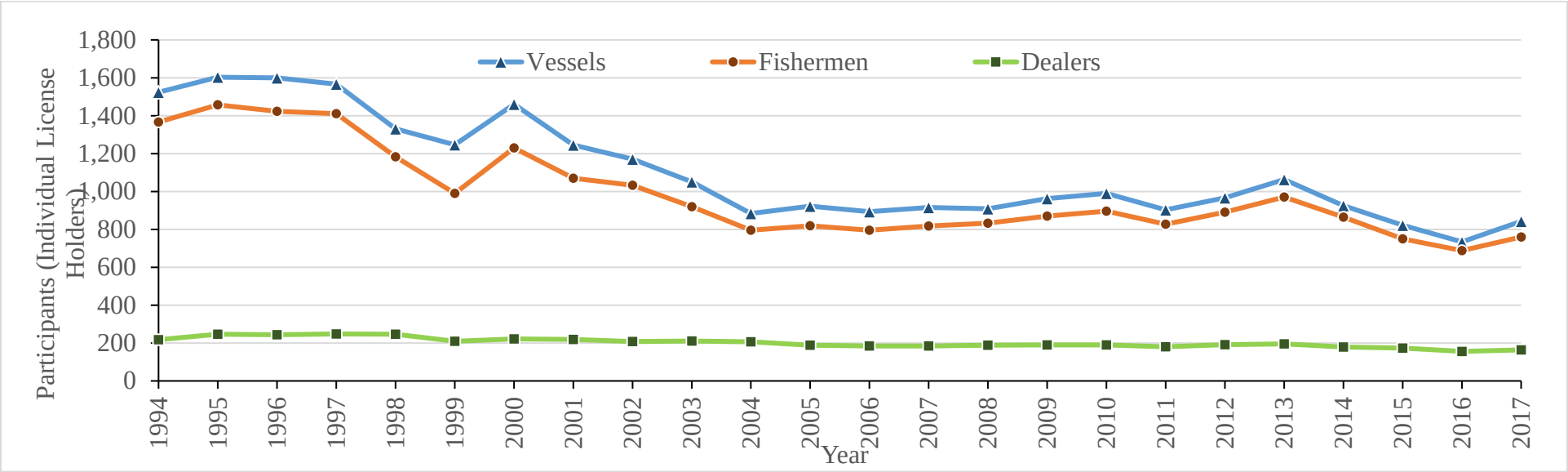

Figure 64. Annual number of participants for Striped Mullet trips from 1994 to 2017 including vessels, fishermen and dealers.

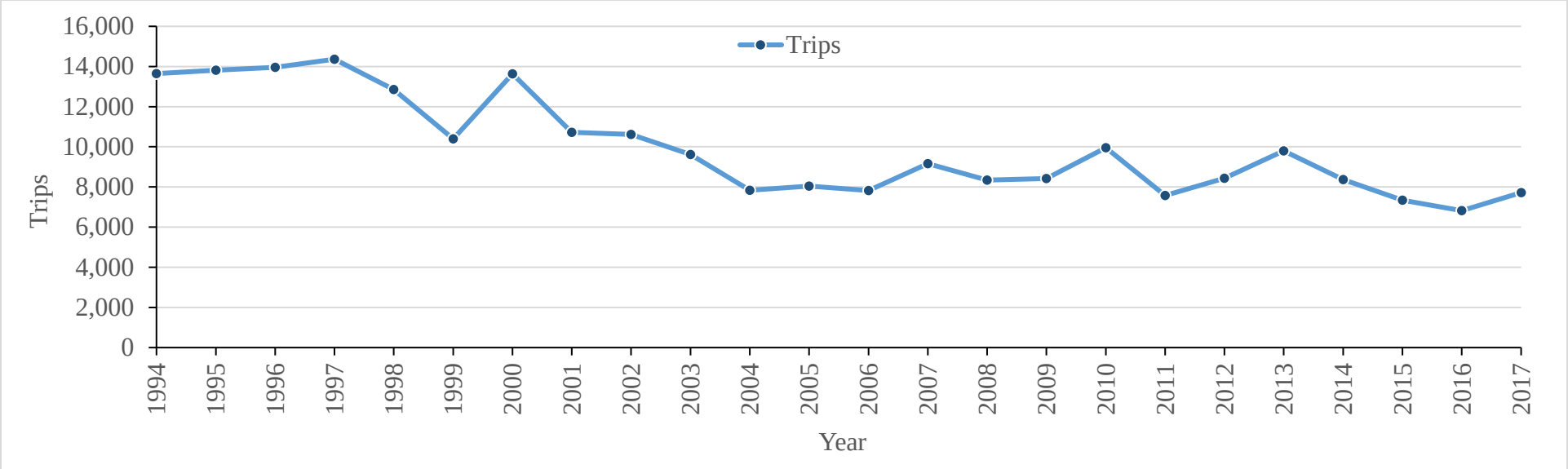

Figure 65. Annual number of trips with Striped Mullet landings from 1994 to 2017.

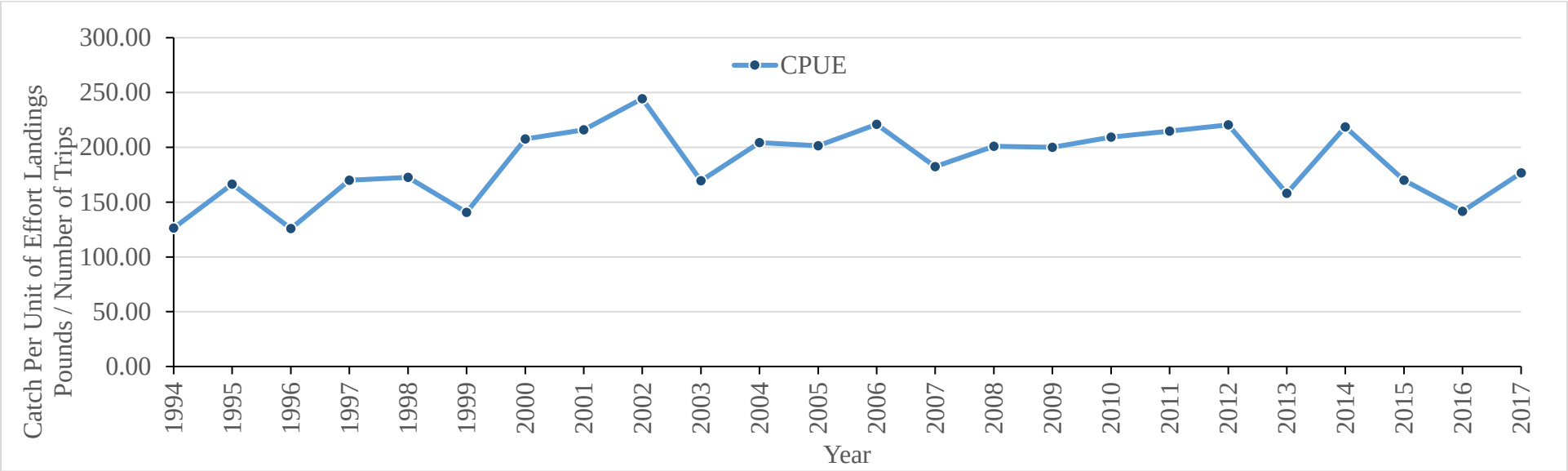

Figure 66. Annual catch per unit effort landings pounds / number of trips for Striped Mullet from 1994 to 2017.

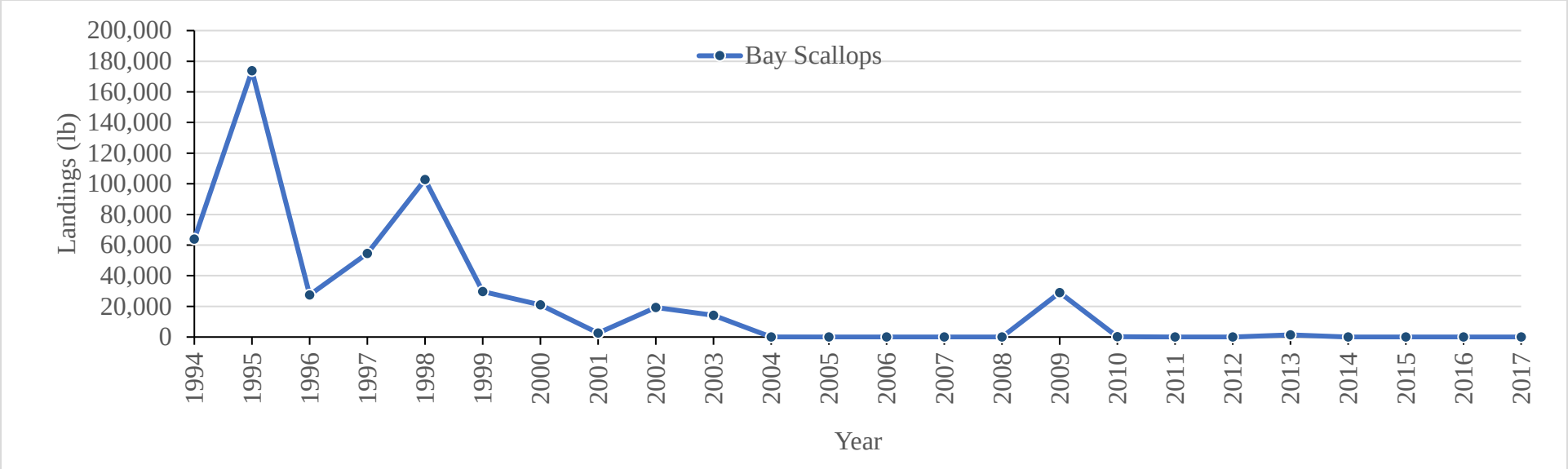

Figure 67. Annual Sea Scallops landings from 1994 to 2017.

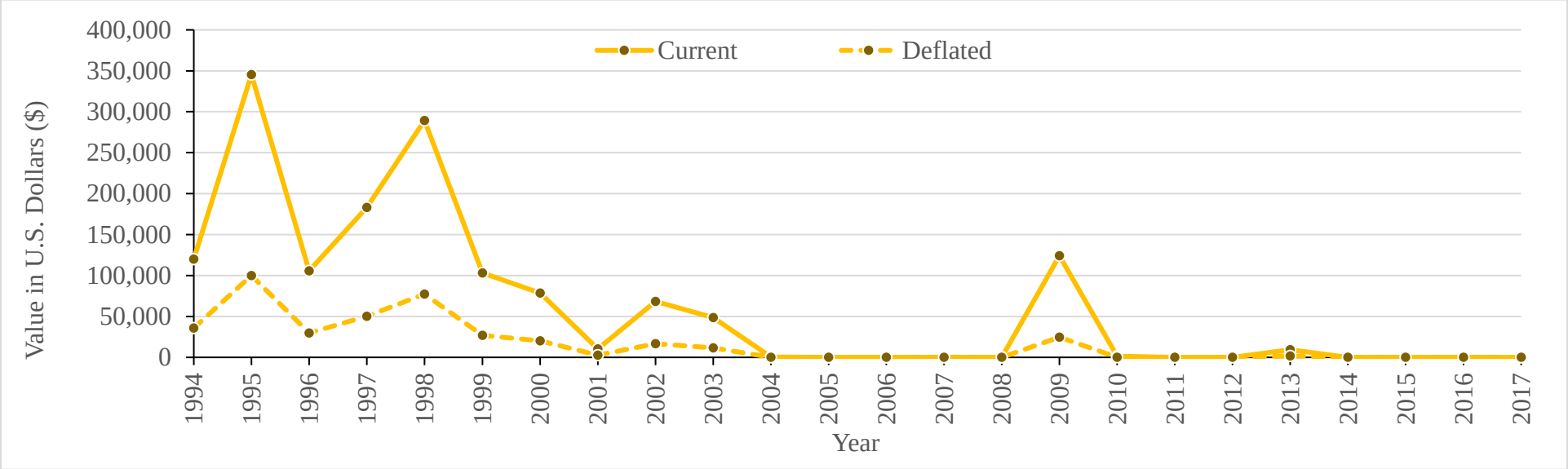

Figure 68. Annual current and deflated value for Sea Scallops landings from 1994 to 2017.

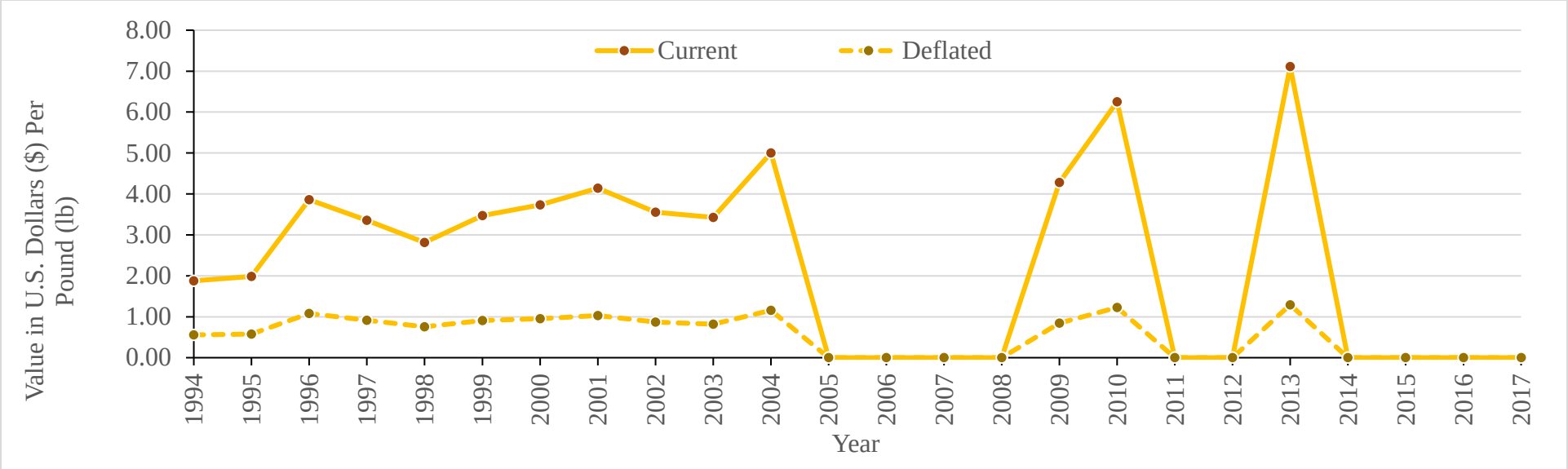

Figure 69. Annual current and deflated per pound value for Sea Scallops landings from 1994 to 2017.

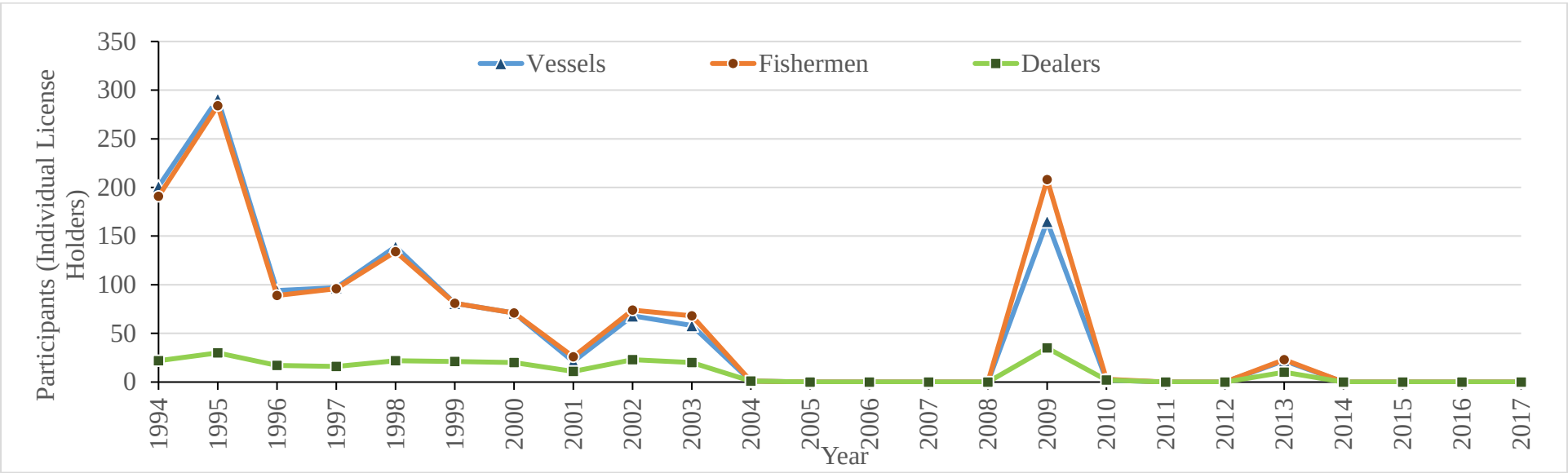

Figure 70. Annual number of participants for Sea Scallops trips from 1994 to 2017 including vessels, fishermen and dealers.

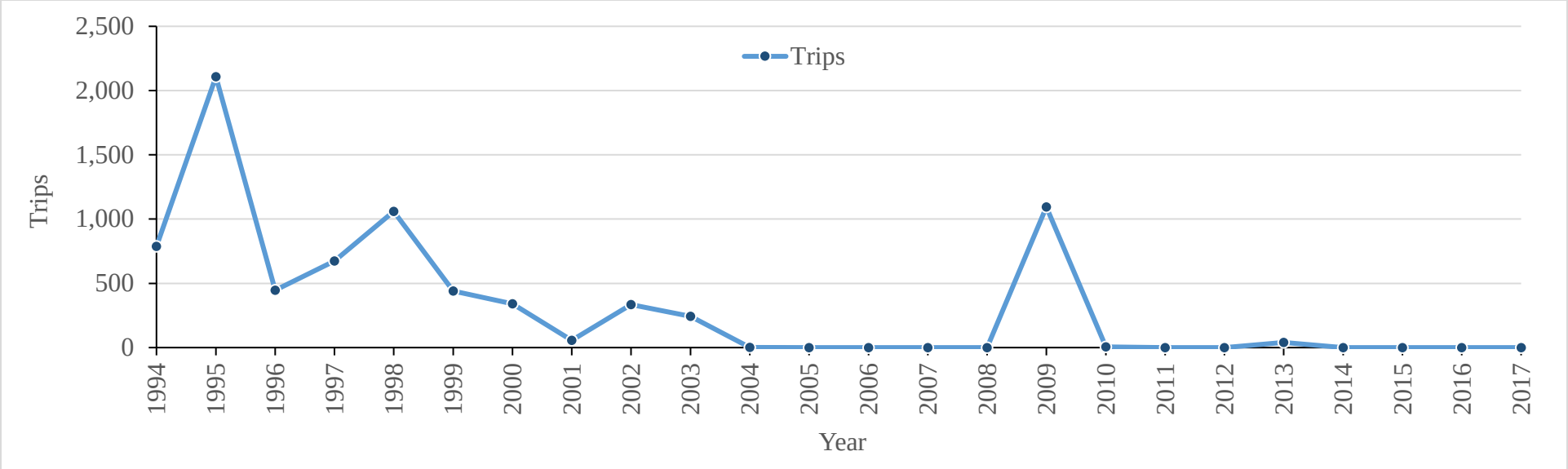

Figure 71. Annual number of trips with Sea Scallops landings from 1994 to 2017.

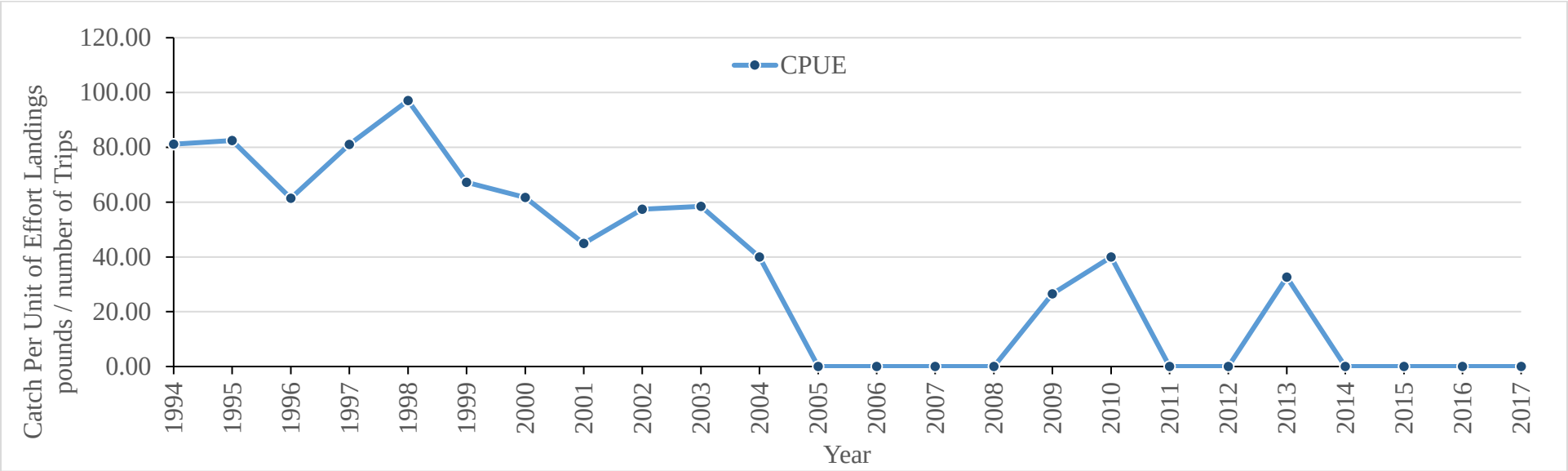

Figure 72. Annual catch per unit effort landings pounds / number of trips for Sea Scallops from 1994 to 2017.

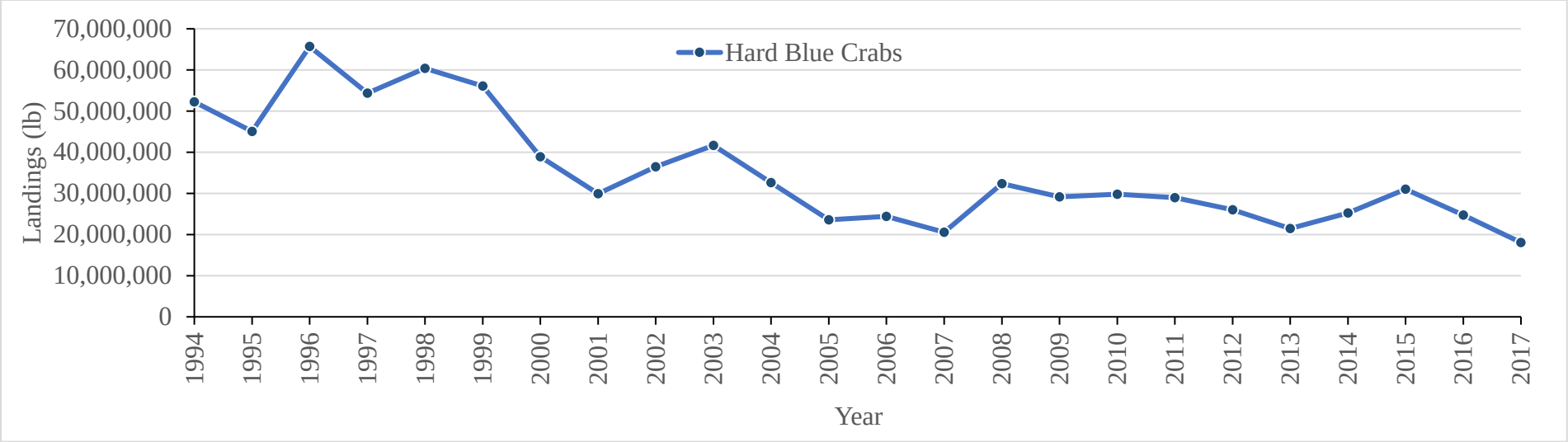

Figure 73. Annual Hard Blue Crabs landings from 1994 to 2017.

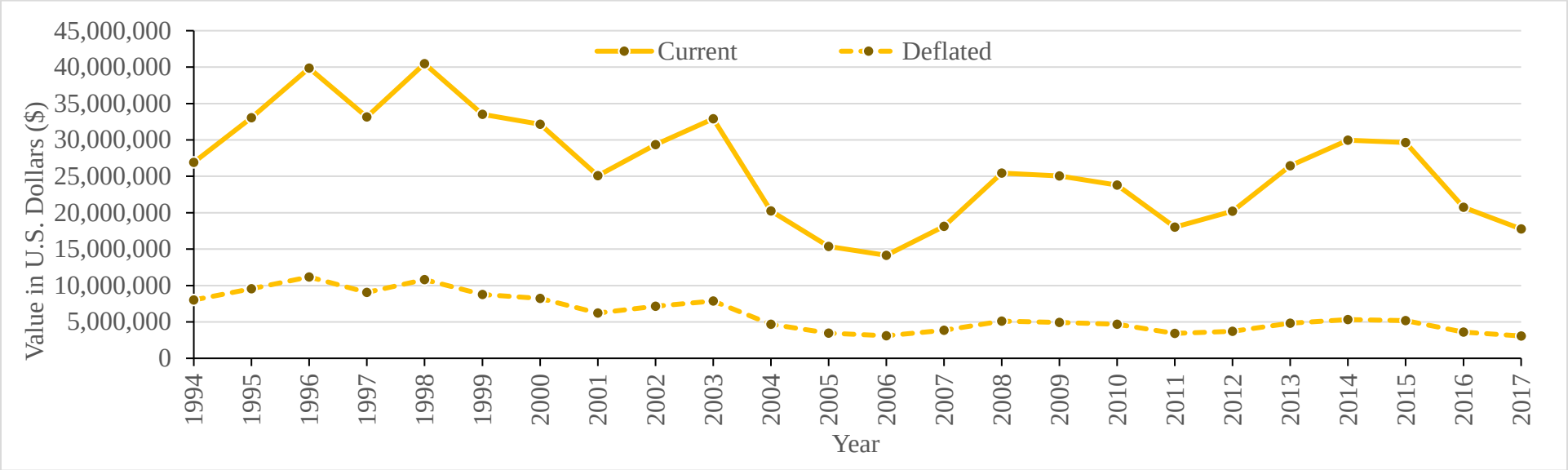

Figure 74. Annual current and deflated value for Hard Blue Crabs landings from 1994 to 2017.

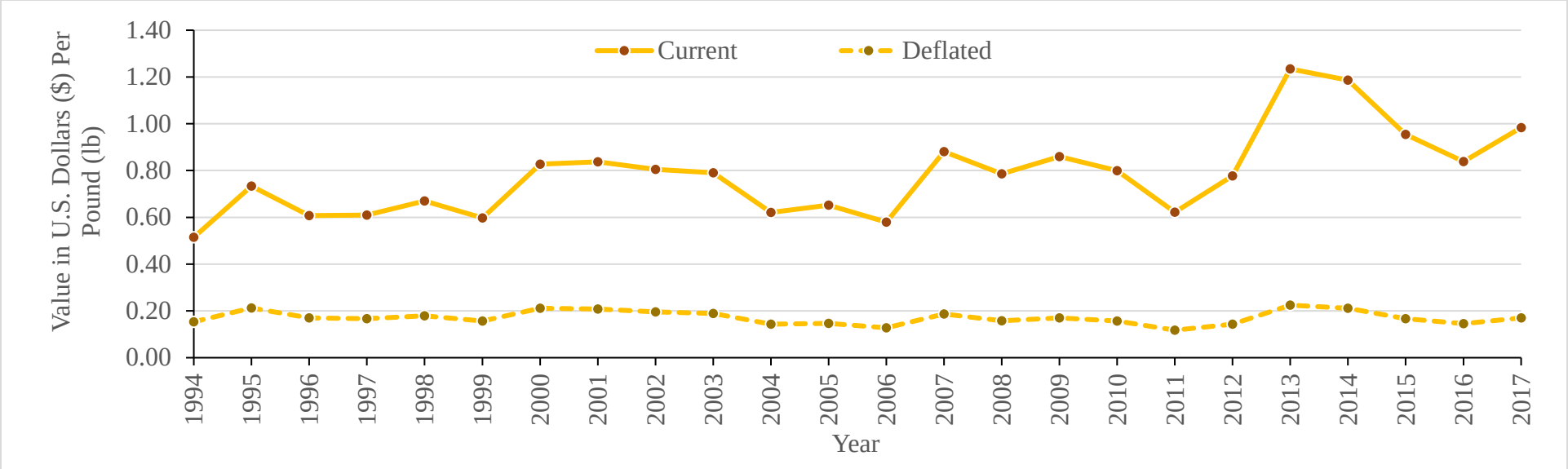

Figure 75. Annual current and deflated per pound value for Hard Blue Crabs landings from 1994 to 2017.

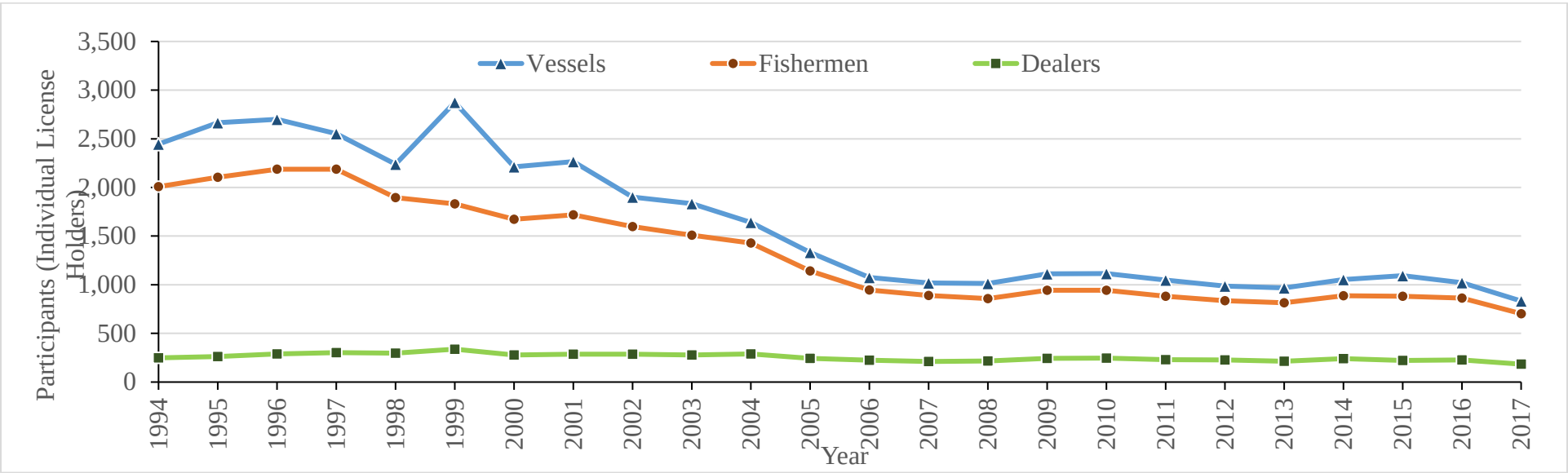

Figure 76. Annual number of participants for Hard Blue Crabs trips from 1994 to 2017 including vessels, fishermen and dealers.

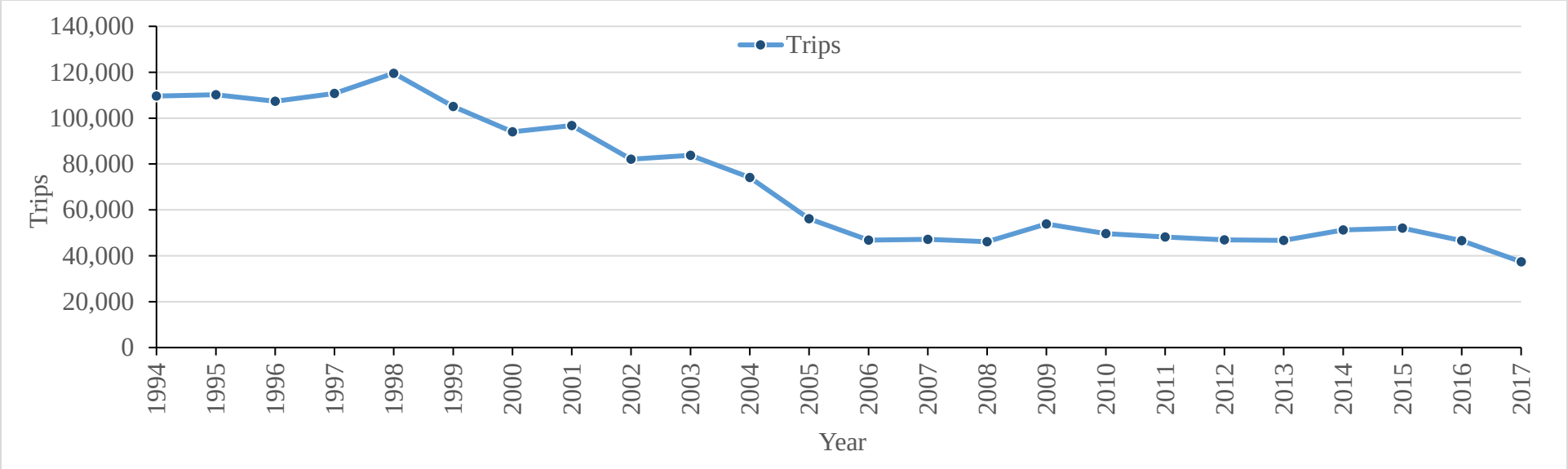

Figure 77. Annual number of trips with Hard Blue Crabs landings from 1994 to 2017.

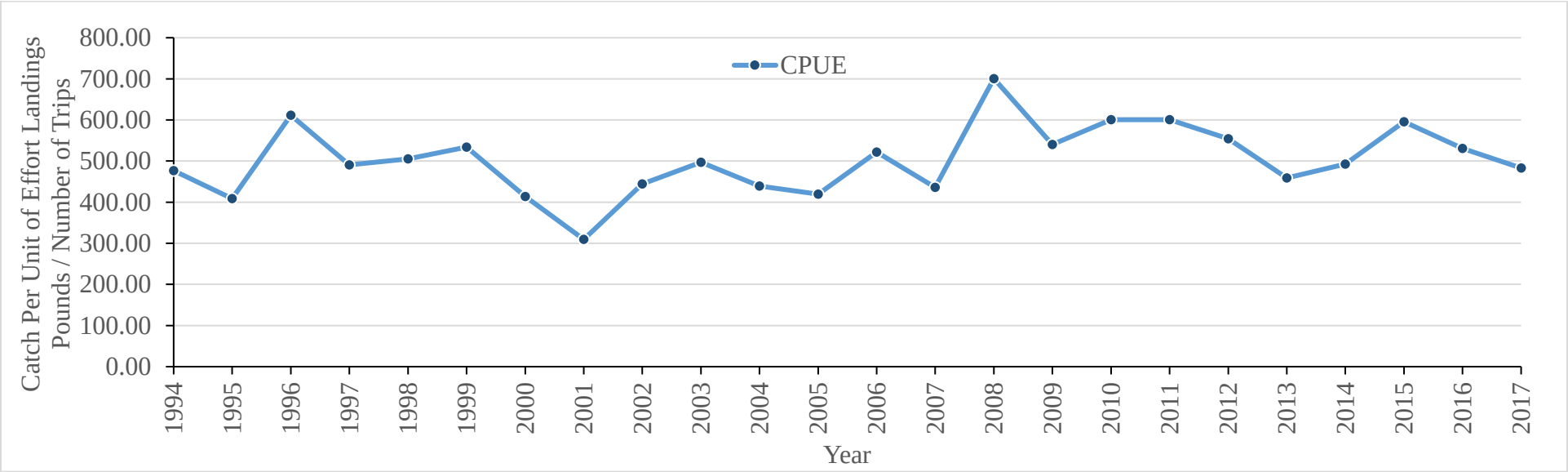

Figure 78. Annual catch per unit effort landings pounds / number of trips for hard Blue Crabs from 1994 to 2017.

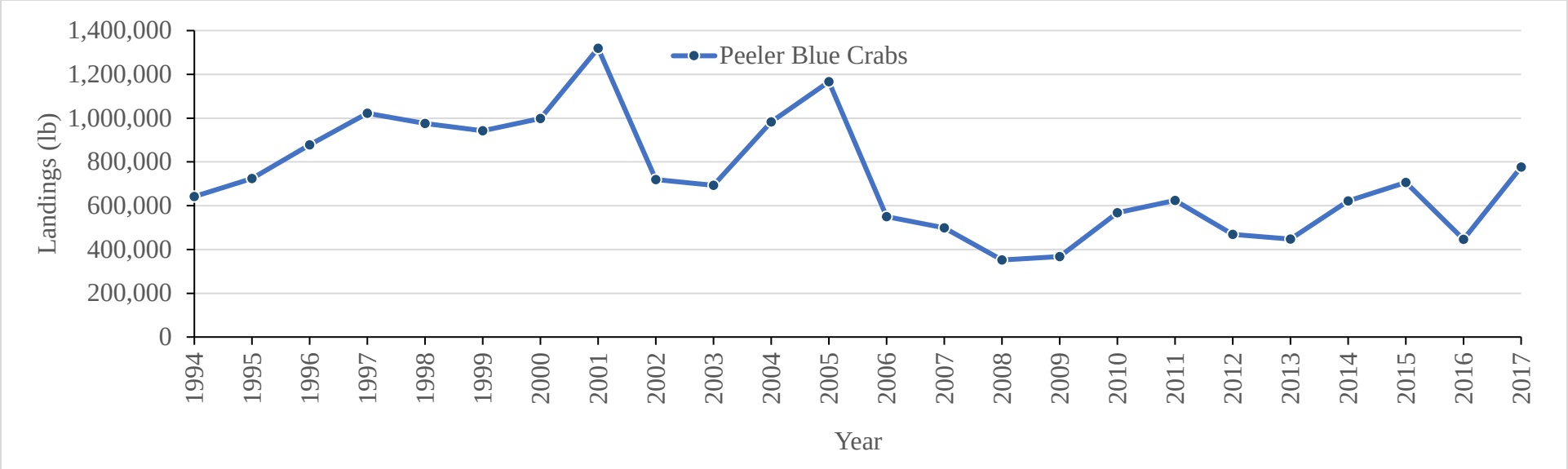

Figure 79. Annual peeler Blue Crabs landings from 1994 to 2017.

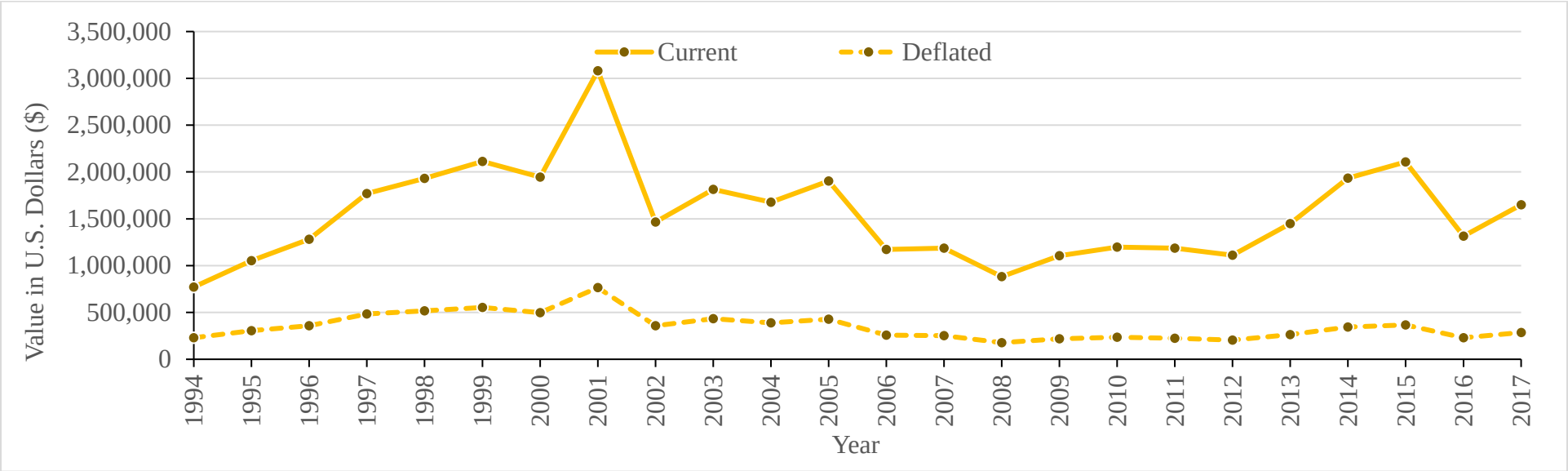

Figure 80. Annual current and deflated value for Peeler Blue Crabs landings from 1994 to 2017.

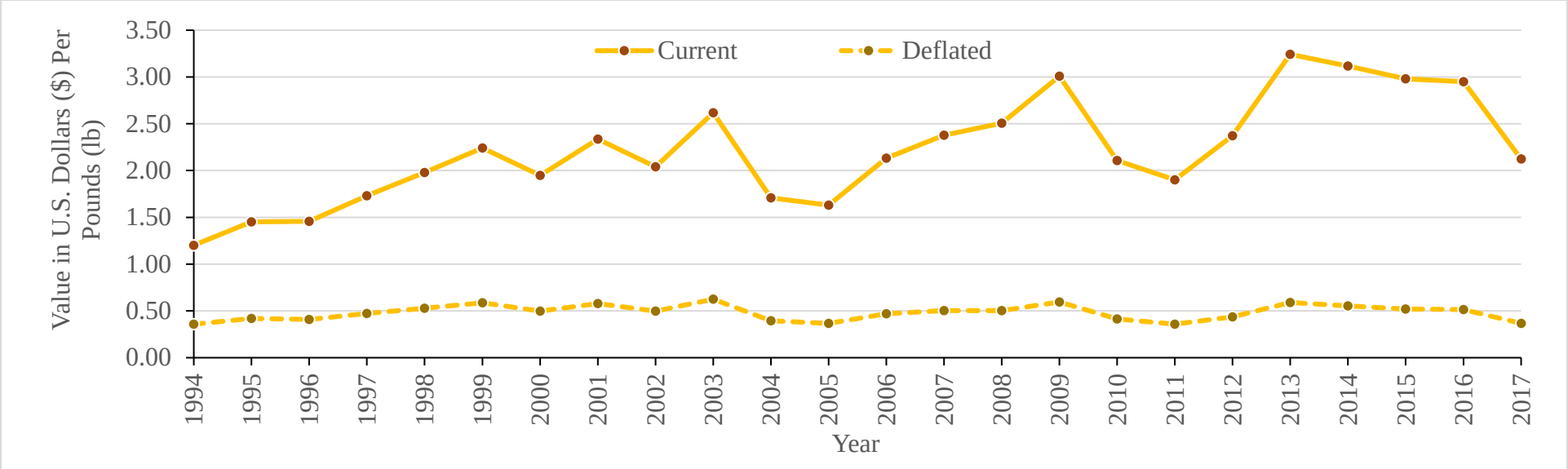

Figure 81. Annual current and deflated per pound value for peeler Blue Crabs landings from 1994 to 2017.

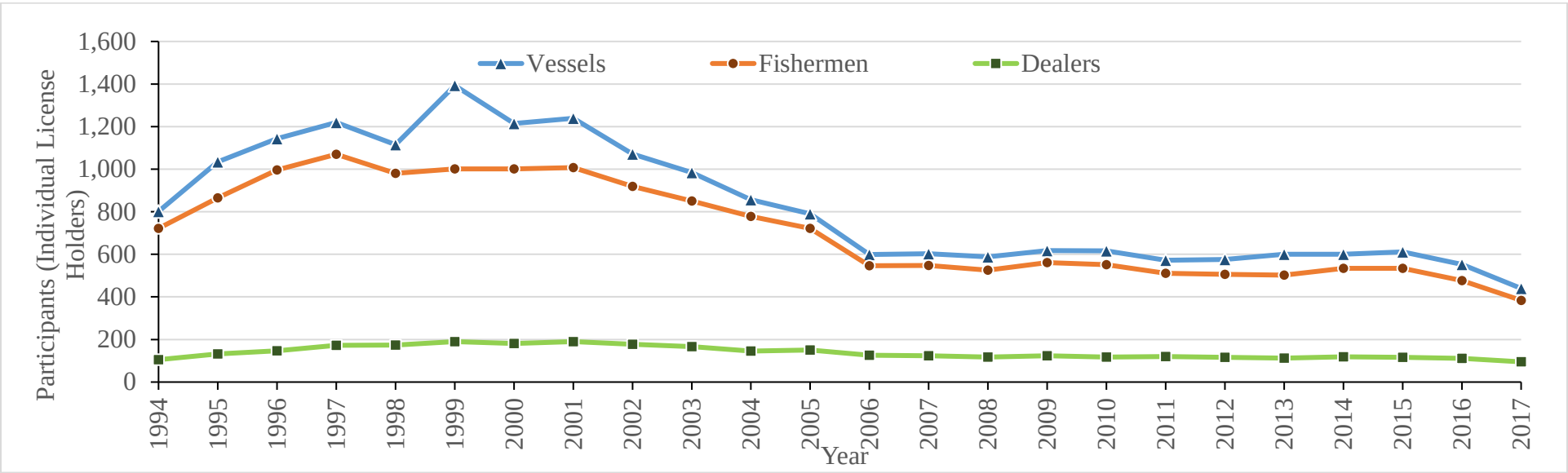

Figure 82. Annual number of participants for peeler Blue Crabs trips from 1994 to 2017 including vessels, fishermen and dealers.

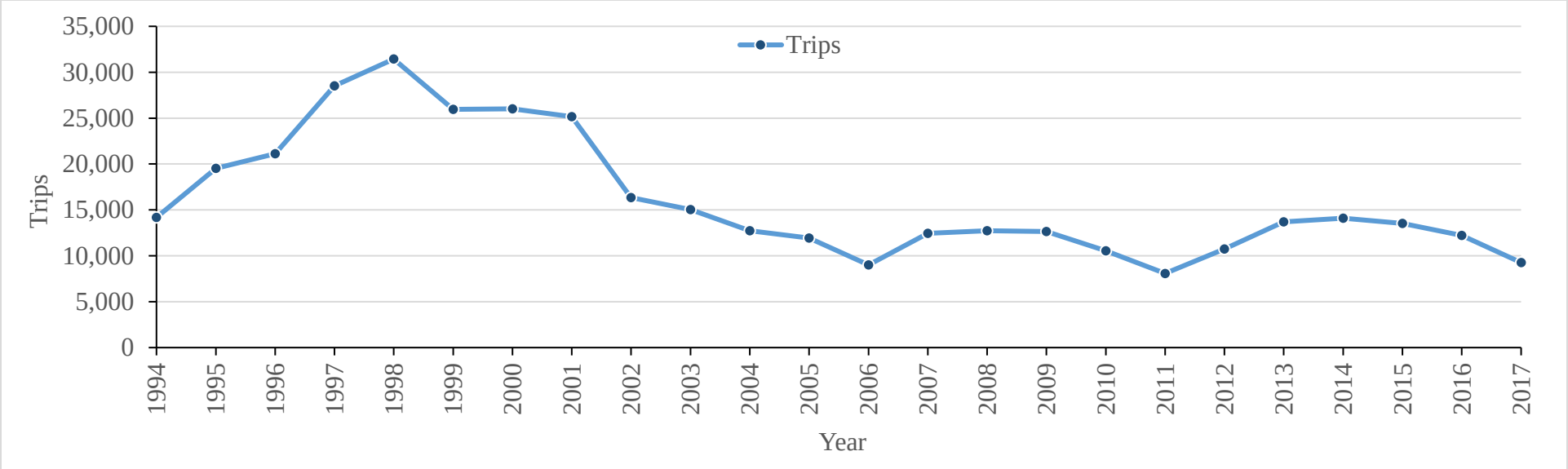

Figure 83. Annual number of trips with peeler Blue Crabs landings from 1994 to 2017.

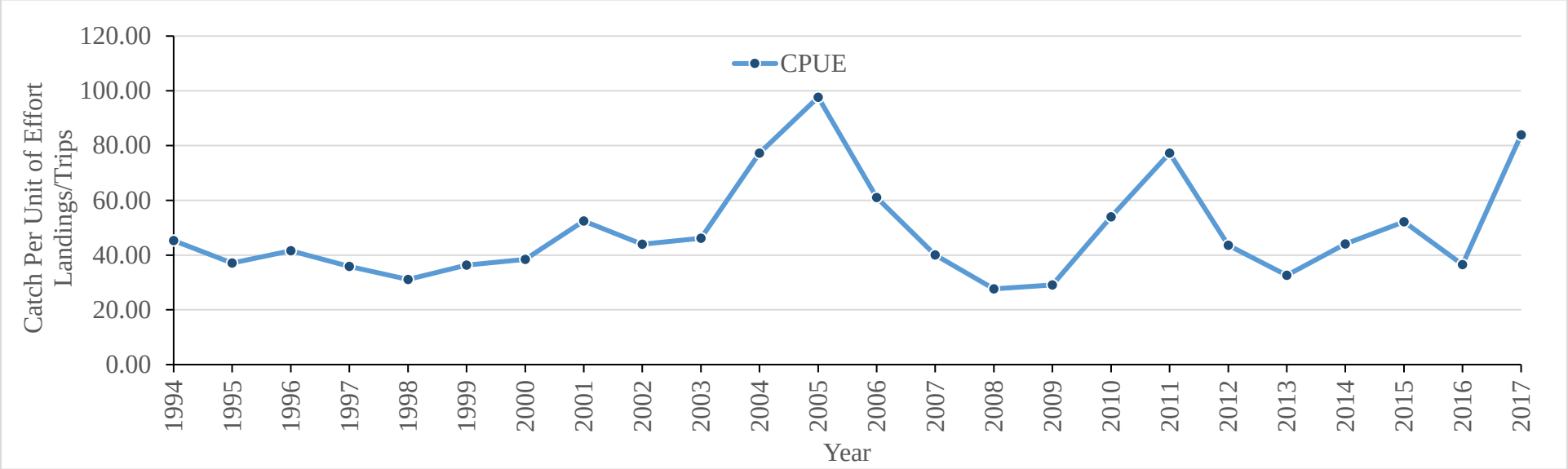

Figure 84. Annual catch per unit effort landings pounds / number of trips for peeler Blue Crabs from 1994 to 2017.

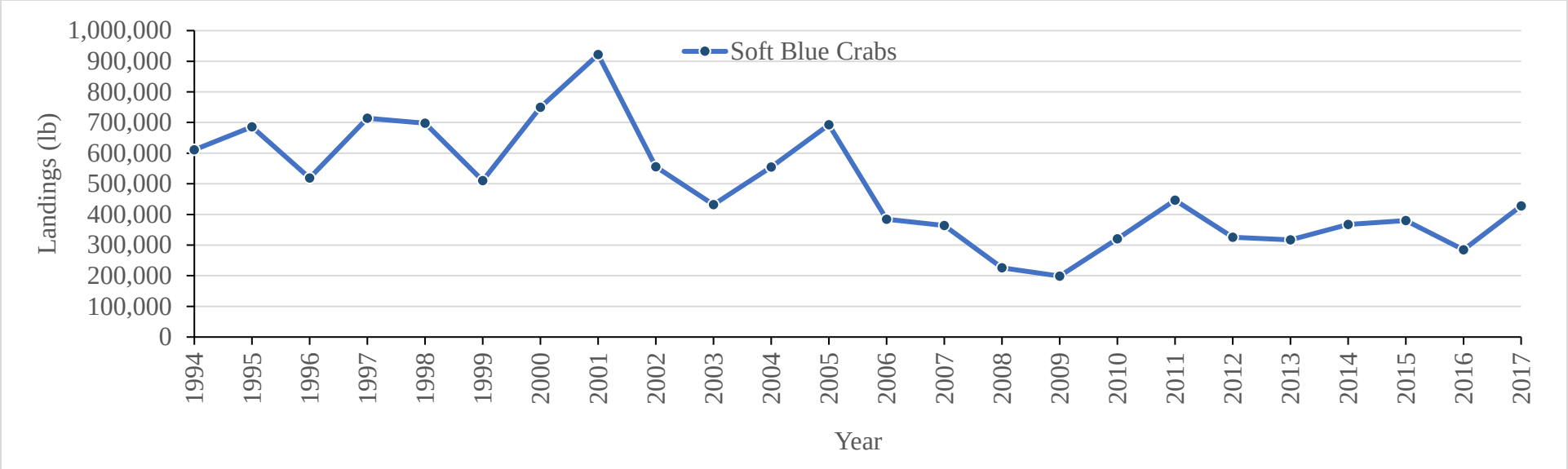

Figure 85. Annual soft Blue Crabs landings from 1994 to 2017.

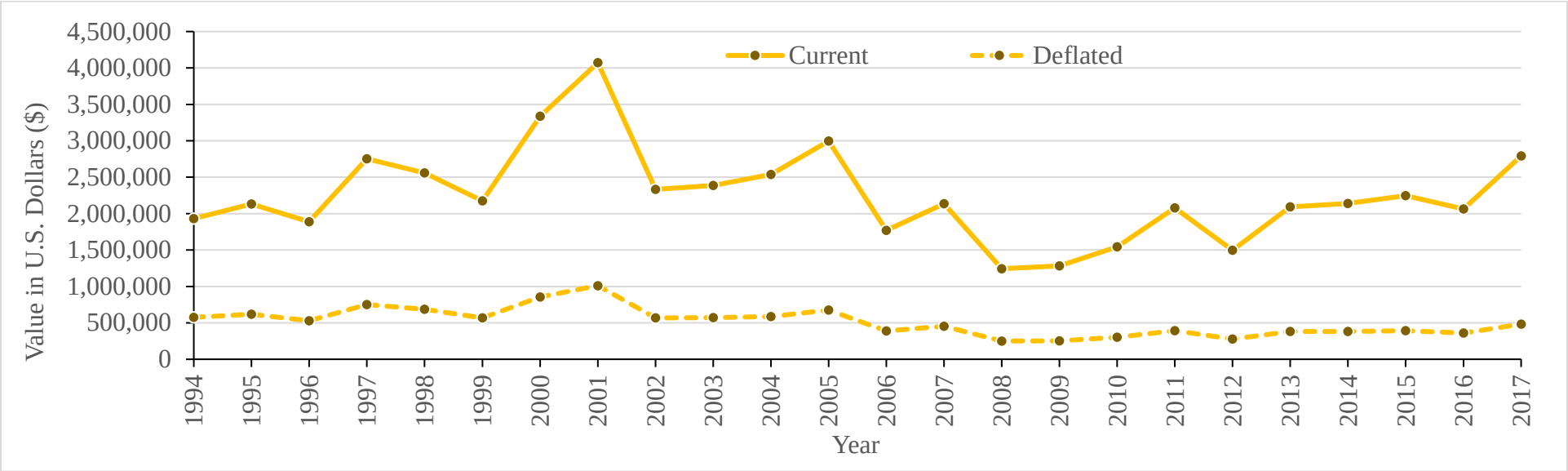

Figure 86. Annual current and deflated value for soft Blue Crabs landings from 1994 to 2017.

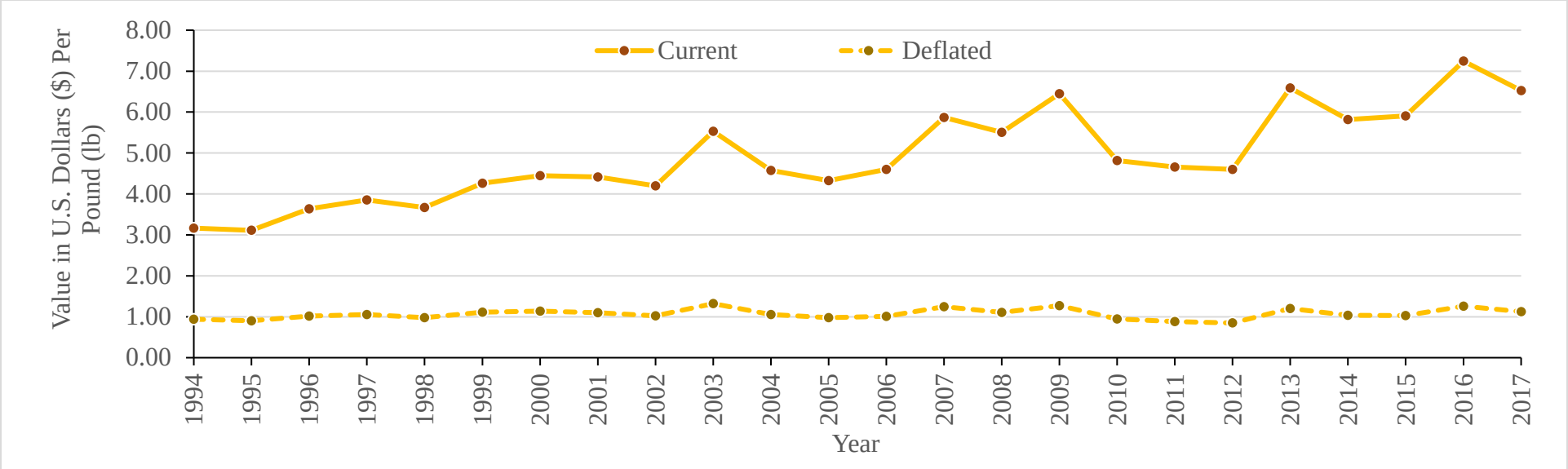

Figure 87. Annual current and deflated per pound value for soft Blue Crabs landings from 1994 to 2017.

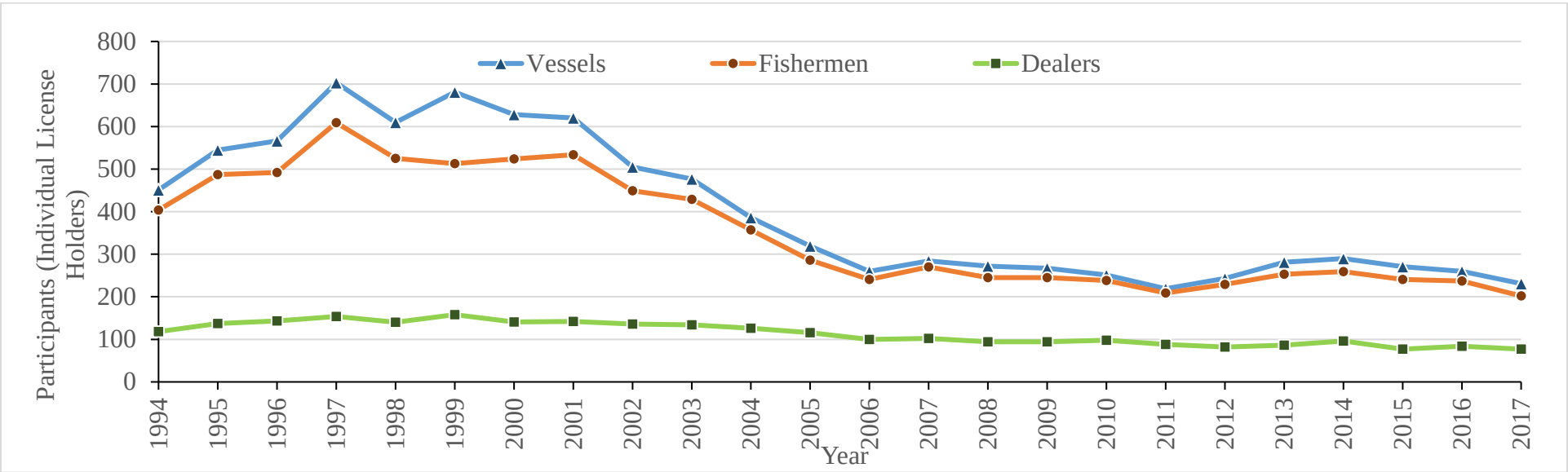

Figure 88. Annual number of participants for soft Blue Crabs trips from 1994 to 2017 including vessels, fishermen and dealers.

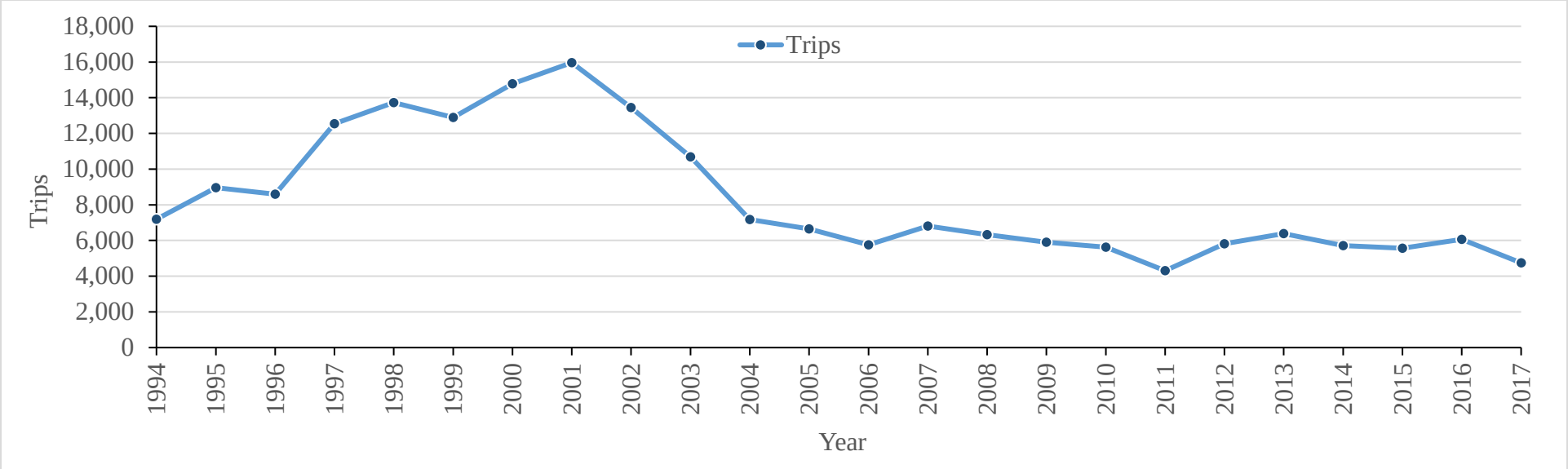

Figure 89. Annual number of trips with soft Blue Crabs landings from 1994 to 2017.

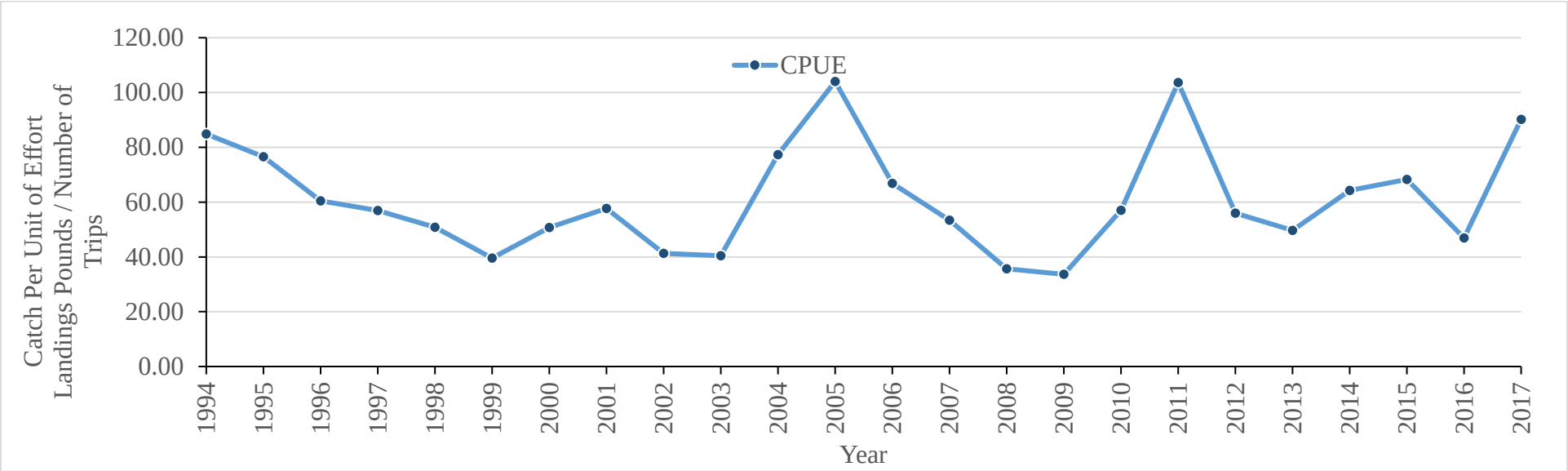

Figure 90. Annual catch per unit effort landings pounds / number of trips for soft Blue Crabs from 1994 to 2017.

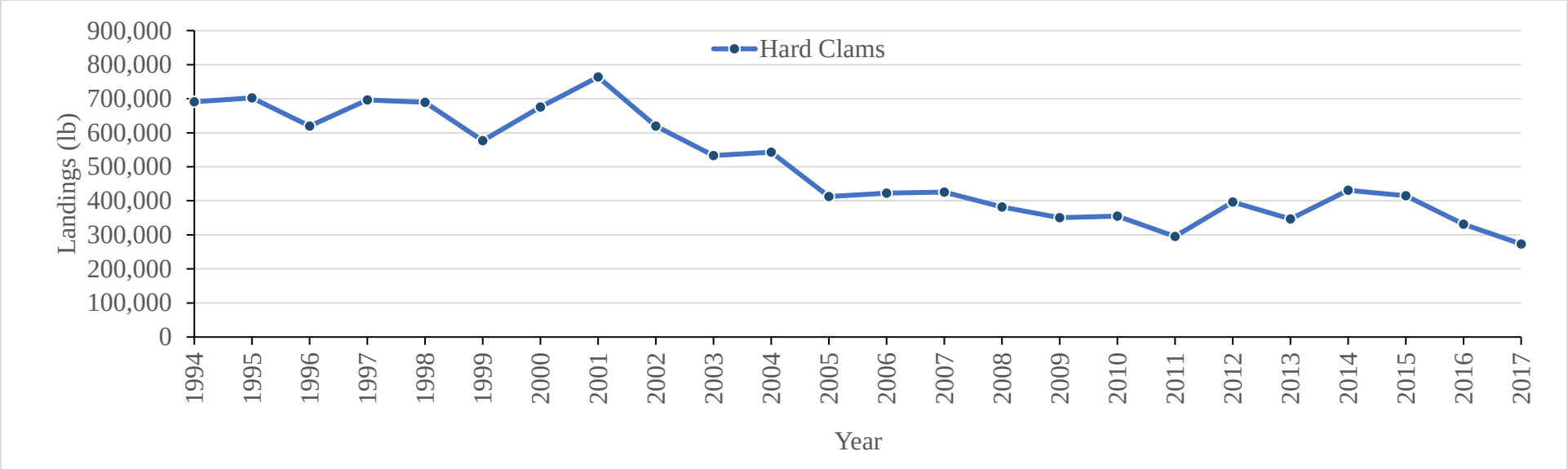

Figure 91. Annual Hard Clams landings from 1994 to 2017.

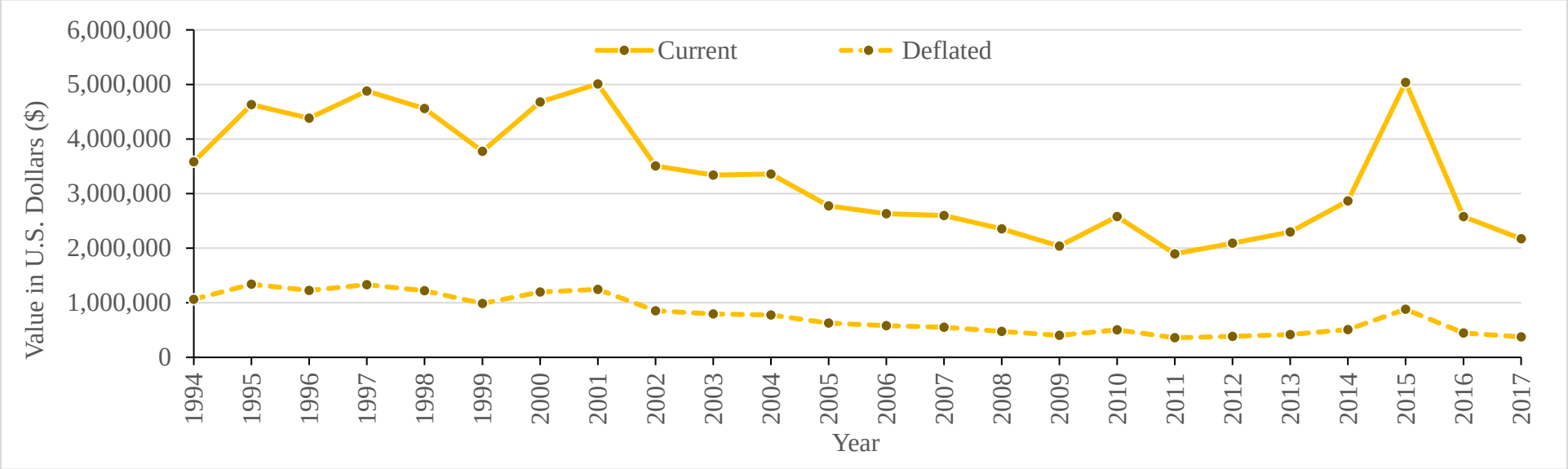

Figure 92. Annual current and deflated value for Hard Clams landings from 1994 to 2017.

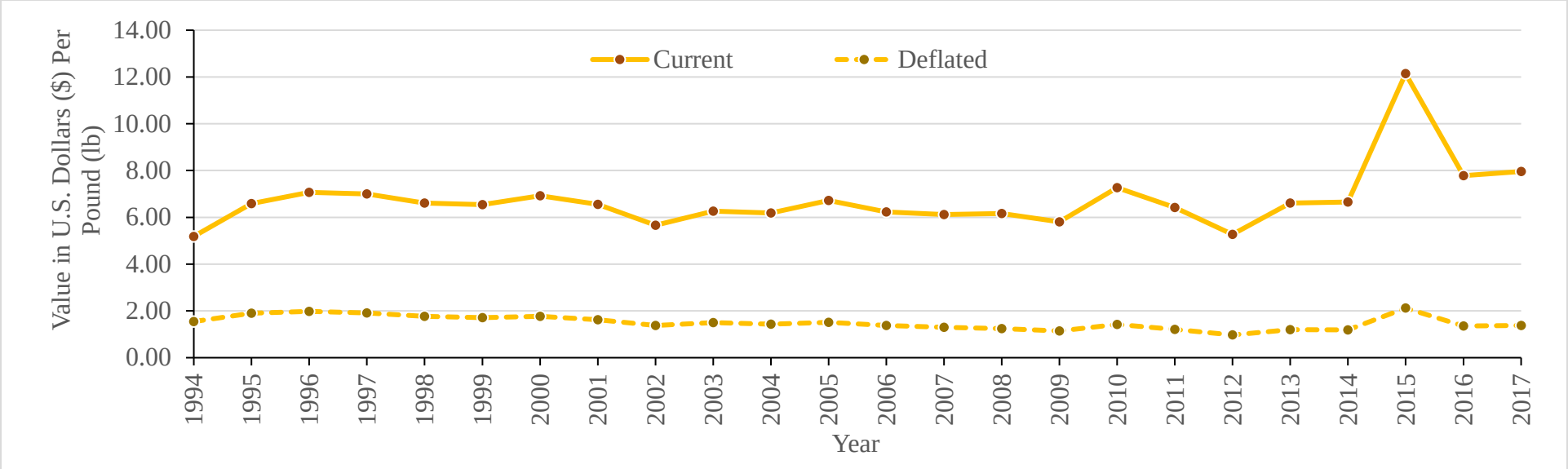

Figure 93. Annual current and deflated per pound value for Hard Clams landings from 1994 to 2017.

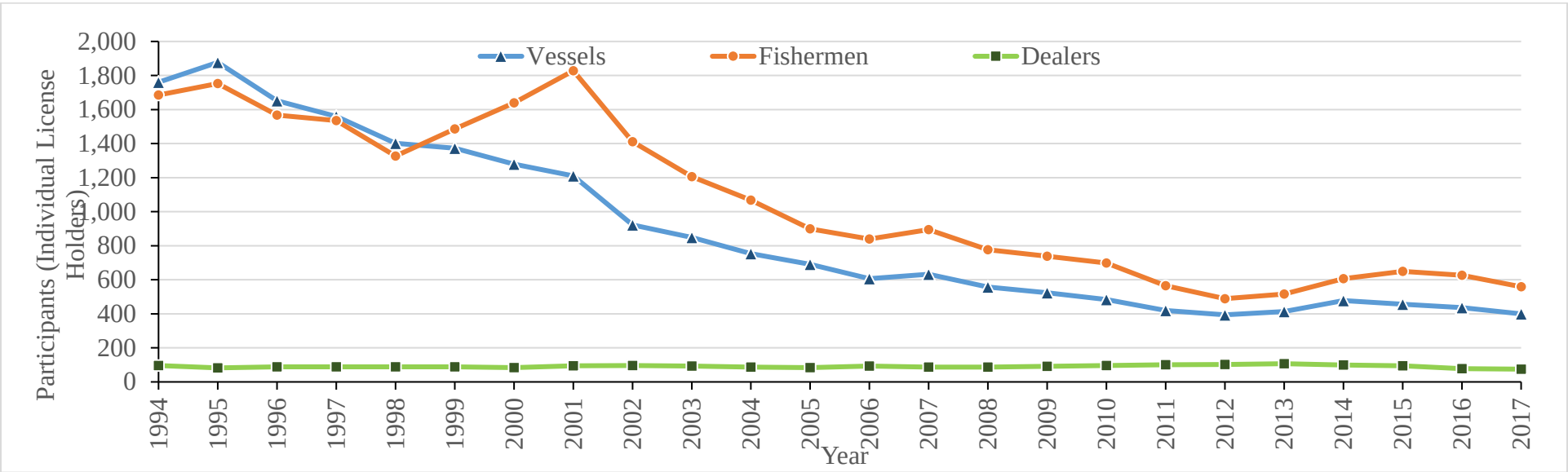

Figure 94. Annual number of participants for Hard Clams trips from 1994 to 2017 including vessels, fishermen and dealers.

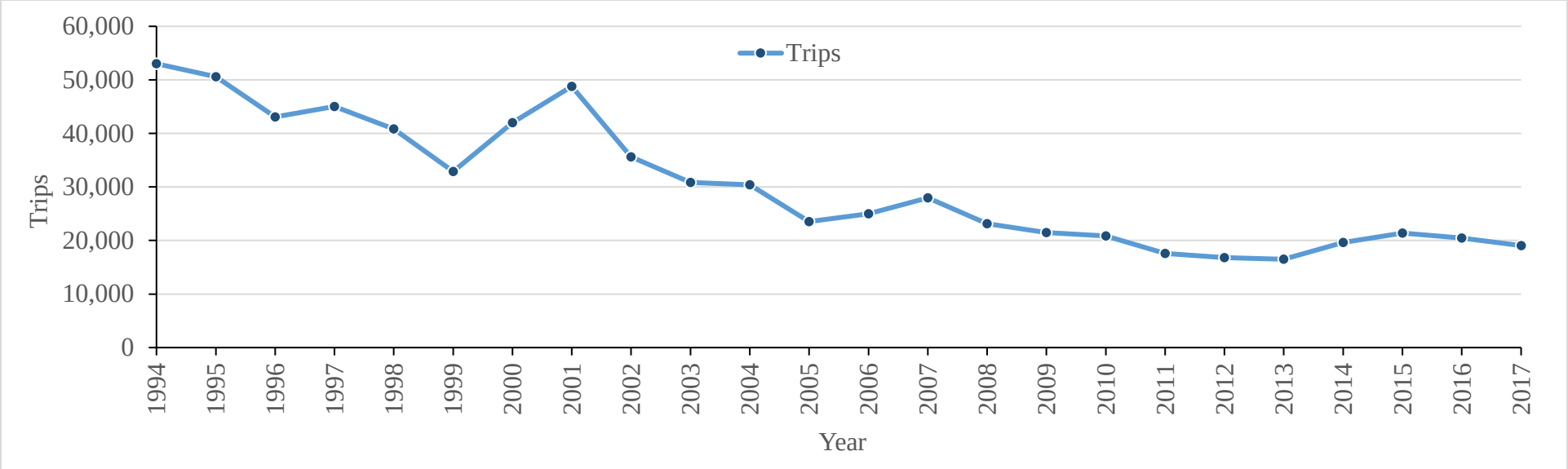

Figure 95. Annual number of trips with Hard Clams landings from 1994 to 2017.

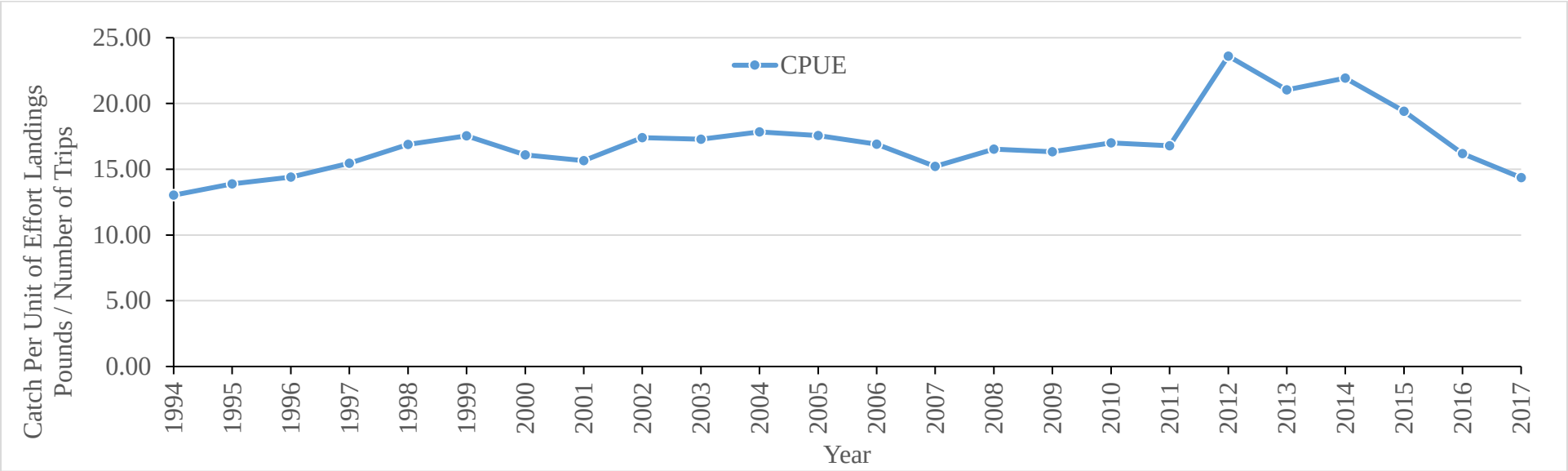

Figure 96. Annual catch per unit effort landings pounds / number of trips for Hard Clams from 1994 to 2017.

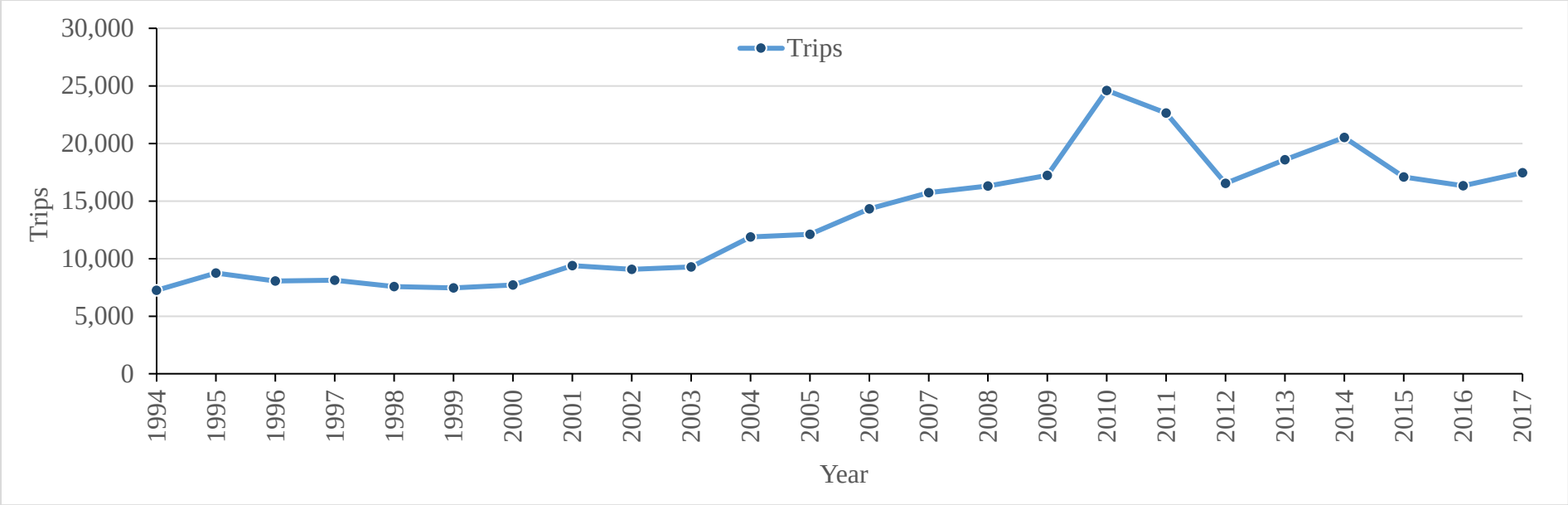

Figure 97. Annual Eastern Oyster landings from 1994 to 2017.

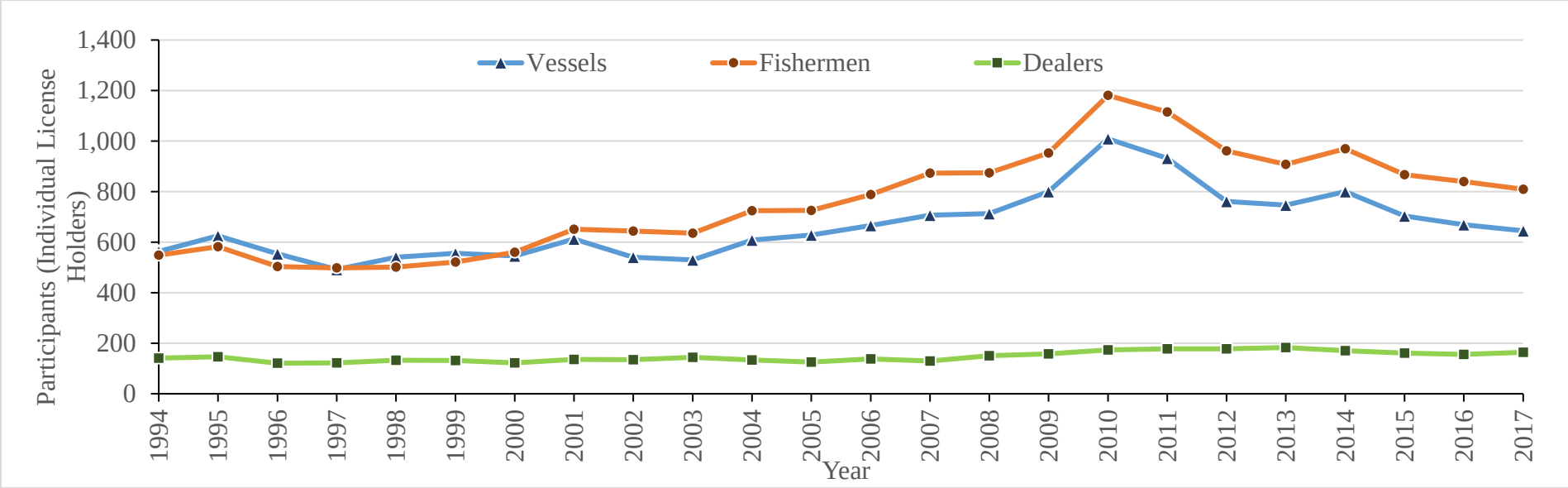

Table 98. Annual current and deflated value for Eastern Oyster landings.

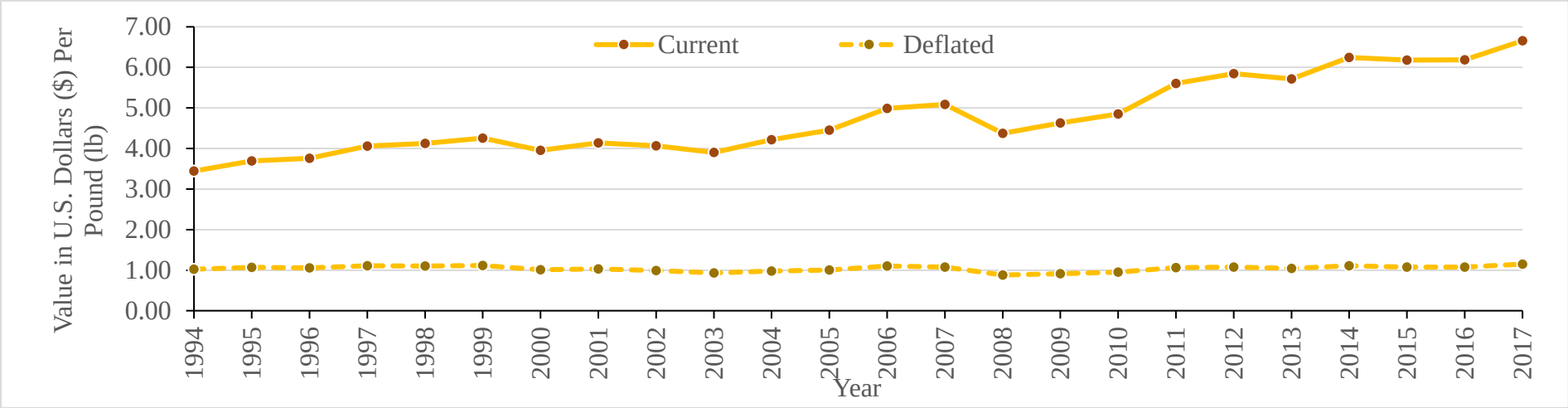

Table 99. Annual current and deflated per pound value for Eastern Oyster landings.

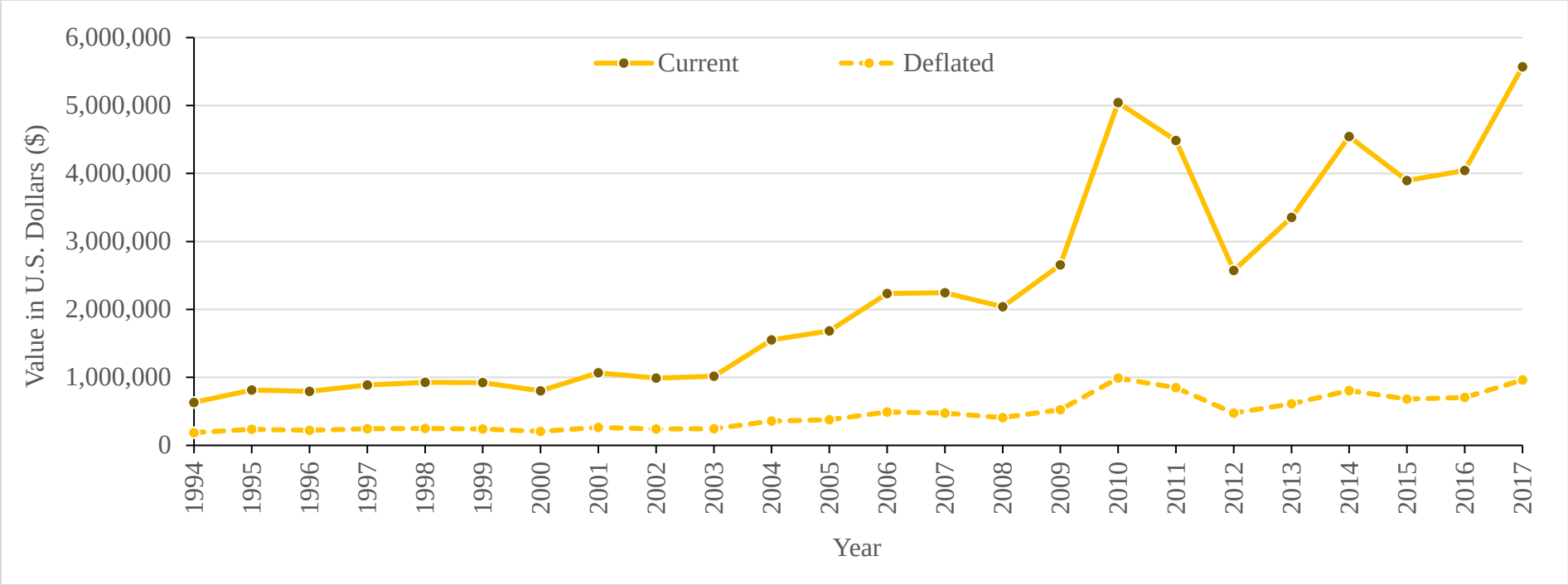

Figure 100. annual number of participants for Eastern Oyster trips from 1994 to 2017 including vessels, fisherman, and dealers.

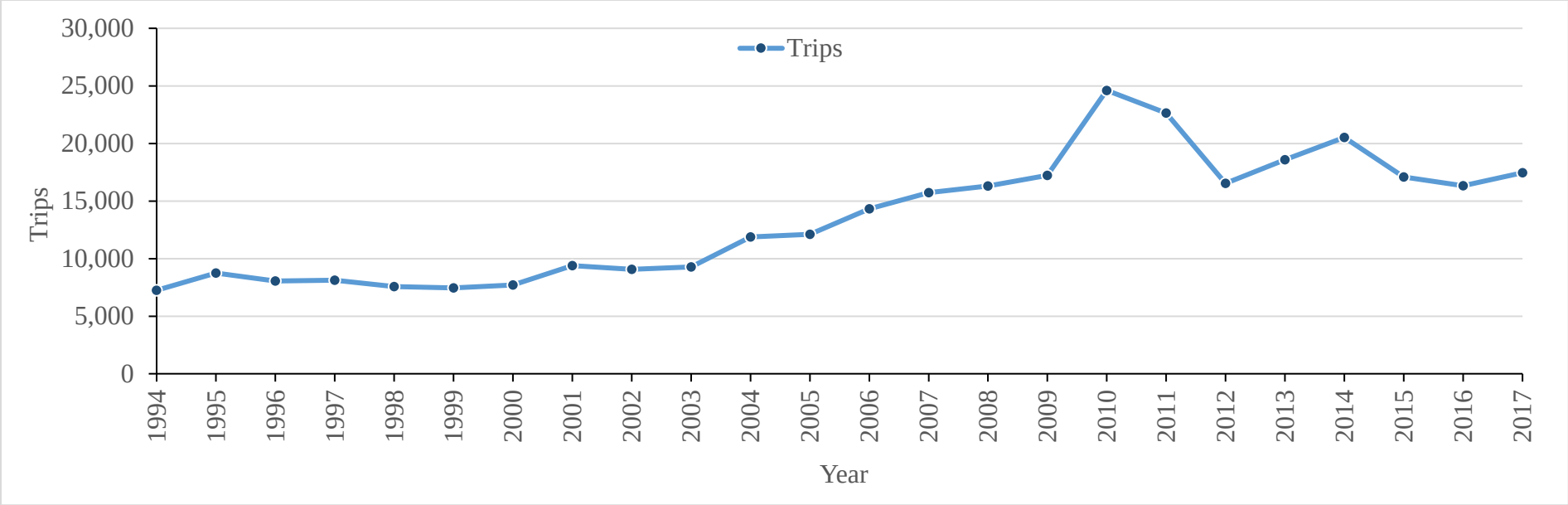

Figure 101 Annual number of trips with Eastern Oyster landings from 1994 to 2017.

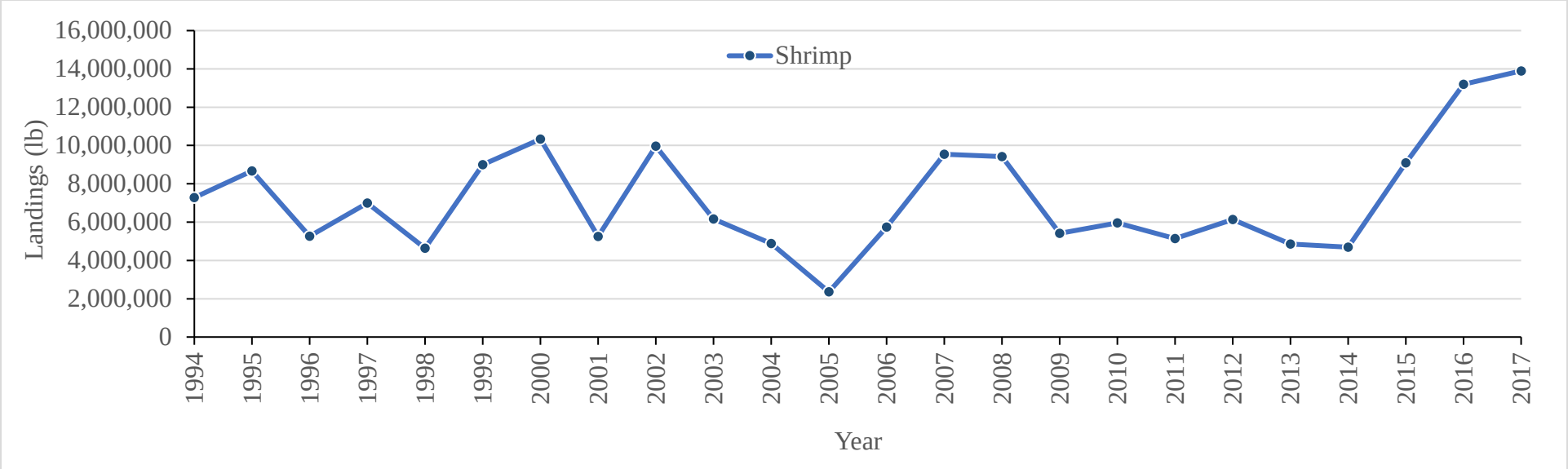

Figure 97. Annual Shrimp landings from 1994 to 2017.

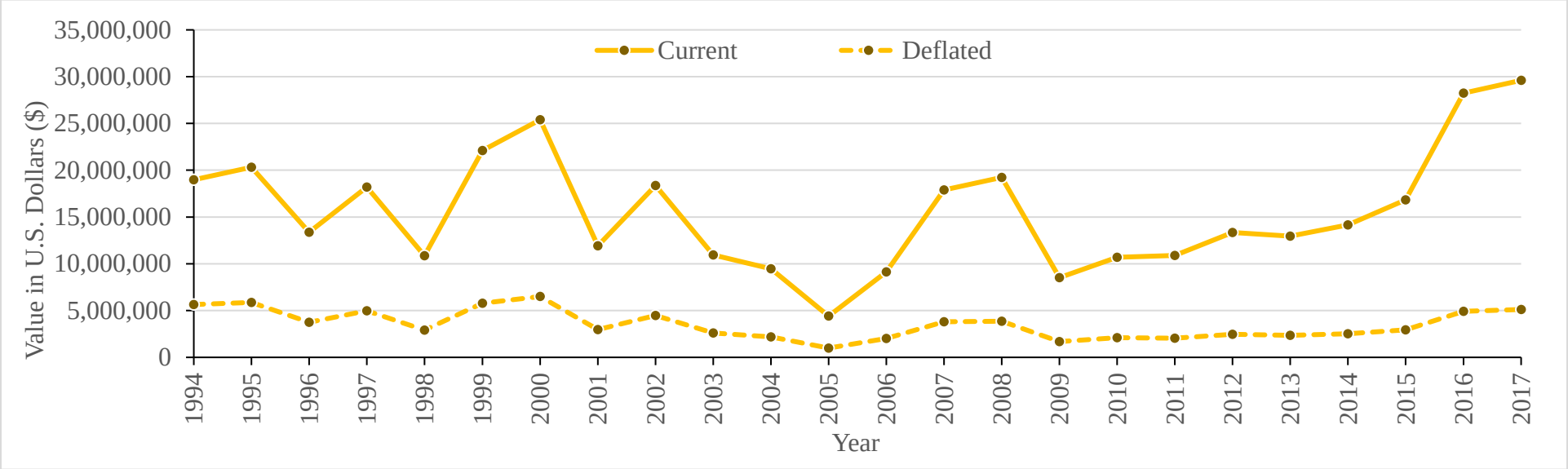

Figure 98. Annual current and deflated value for Shrimp landings from 1994 to 2017.

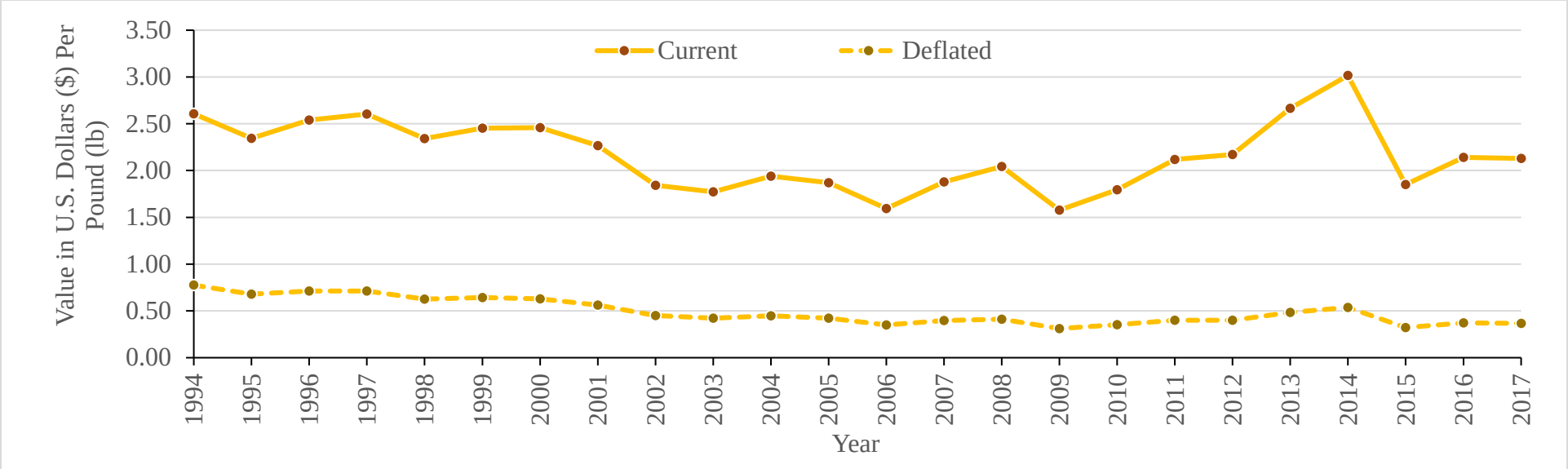

Figure 99. Annual current and deflated per pound value for Shrimp landings from 1994 to 2017.

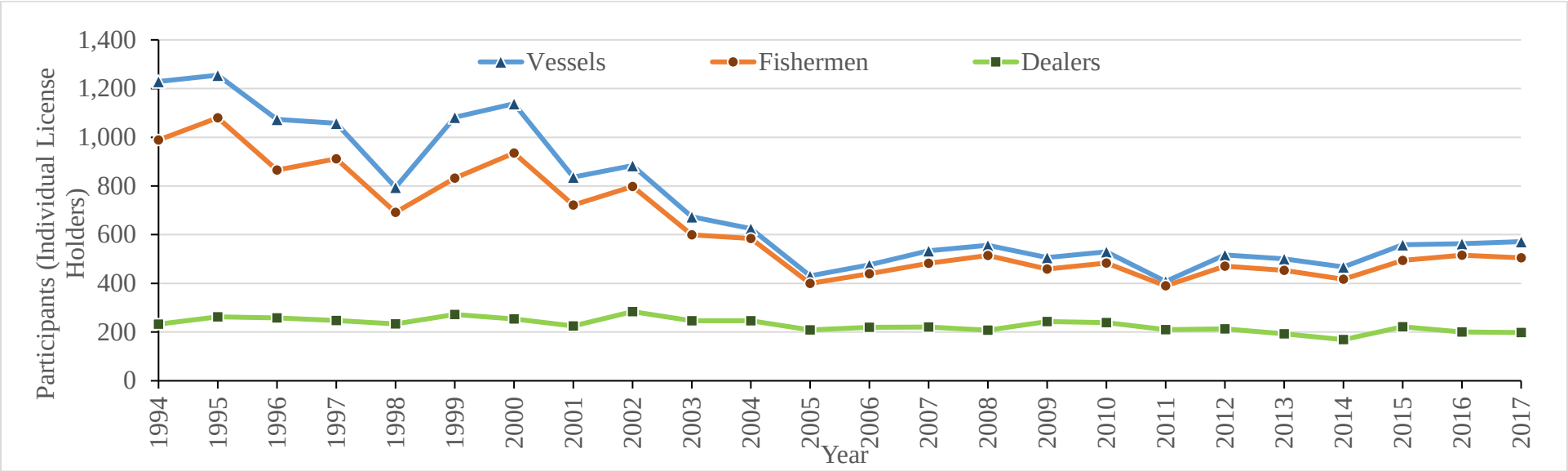

Figure 100. Annual number of participants for Shrimp trips from 1994 to 2017 including vessels, fishermen and dealers.

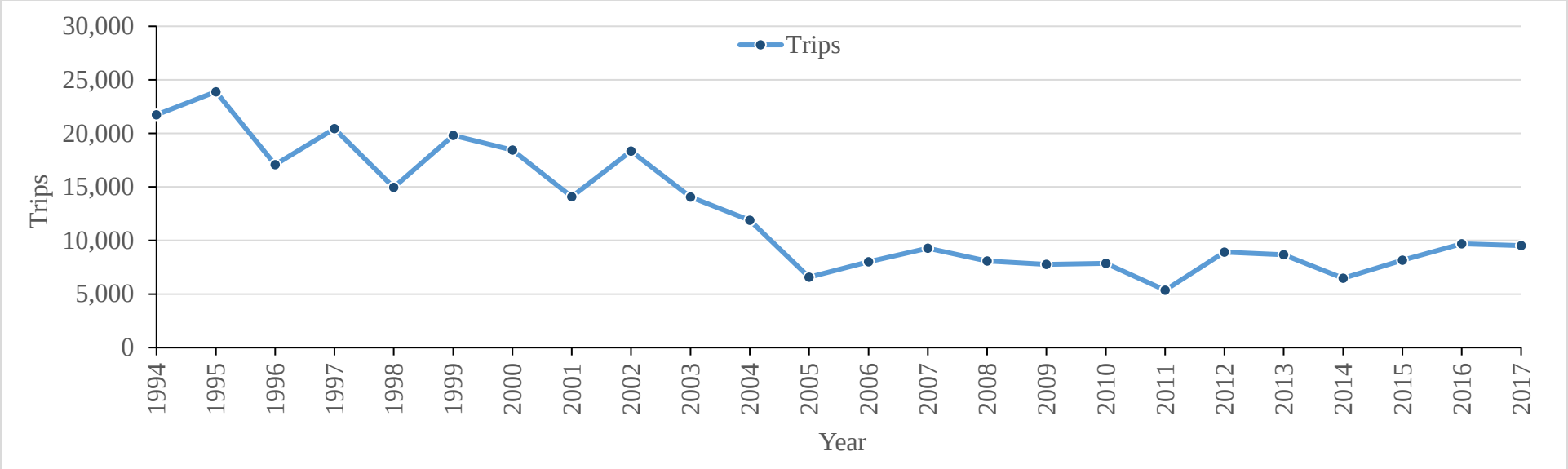

Figure 101. Annual number of trips with Shrimp landings from 1994 to 2017.

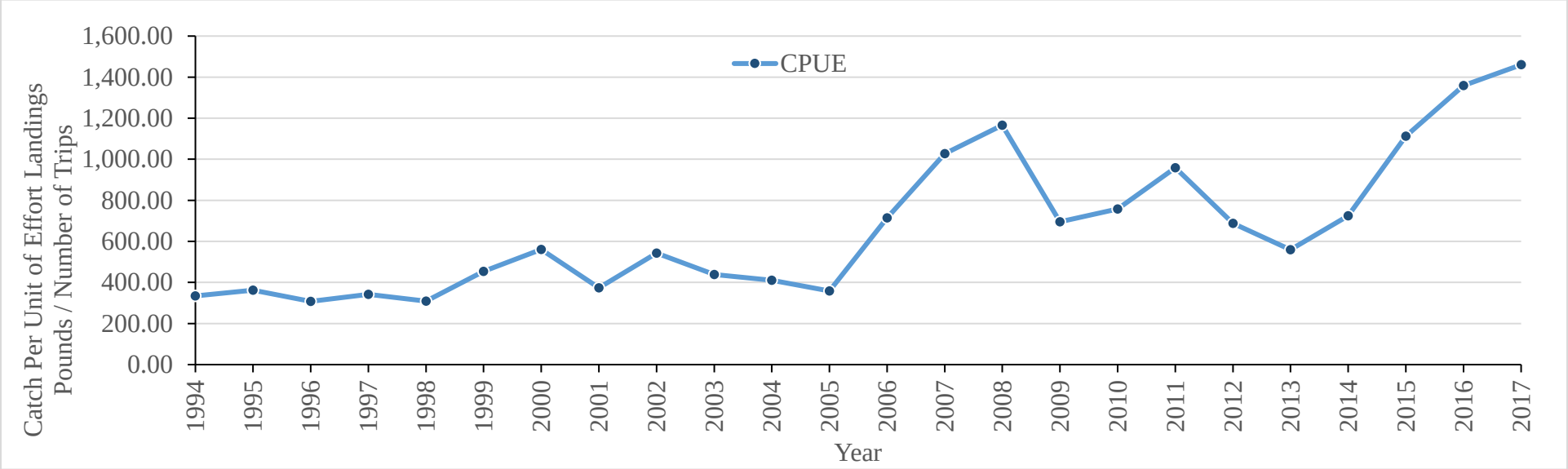

Figure 102. Annual catch per unit effort landings pounds / number of trips for Shrimp from 1994 to 2017.

8 APPENDIX

Annual landings and percent landings by major gear type from 1994 to 2017.

Year	1994		1995		1996		1997		1998	
Gear	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Dredges	429,718	0.22	405,476	0.23	241,016	0.13	178,803	0.08	235,747	0.13
Gigs/Spears	101,962	0.05	95,703	0.05	63,706	0.03	95,814	0.04	70,545	0.04
Gill Nets	23,411,479	12.13	26,191,404	14.90	32,044,048	16.76	27,277,245	11.93	25,794,508	14.31
Hand	902,035	0.47	822,272	0.47	732,694	0.38	805,920	0.35	771,271	0.43
Haul Seines	3,152,699	1.63	3,453,872	1.97	2,954,013	1.54	3,747,725	1.64	2,663,048	1.48
Longlines	3,539,220	1.83	4,035,800	2.30	2,634,232	1.38	2,047,698	0.90	1,946,022	1.08
Others	429,919	0.22	457,215	0.26	391,691	0.20	569,221	0.25	660,349	0.37
Pots	52,042,401	26.97	46,103,681	26.23	64,589,196	33.78	53,406,176	23.37	59,136,946	32.81
Pound Nets	4,759,963	2.47	3,733,907	2.12	3,398,070	1.78	3,047,194	1.33	2,909,762	1.61
Purse Seines	79,474,650	41.18	63,839,570	36.32	59,207,650	30.97	109,281,567	47.81	63,375,040	35.16
Rod and Reel	4,108,407	2.13	4,508,943	2.57	3,750,721	1.96	4,333,532	1.90	3,738,629	2.07
Trawls	20,635,970	10.69	22,117,179	12.58	21,192,535	11.08	23,774,435	10.40	18,928,691	10.50
Total	192,988,425	100.00	175,765,021	100.00	191,199,572	100.00	228,565,330	100.00	180,230,558	100.00

Annual landings and percent landings by major gear type from 1994 to 2017 continued.

Year	1999		2000		2001		2002		2003	
Gear	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Dredges	131,634	0.09	112,403	0.07	417,401	0.30	475,827	0.30	239,869	0.17
Gigs/Spears	63,548	0.04	89,083	0.06	90,894	0.07	92,859	0.06	93,334	0.07
Gill Nets	21,806,205	14.18	22,648,068	14.69	21,460,550	15.65	17,806,102	11.12	17,419,973	12.49
Hand	630,039	0.41	762,515	0.49	875,229	0.64	700,838	0.44	670,819	0.48
Haul Seines	1,849,934	1.20	2,385,346	1.55	2,273,500	1.66	1,918,988	1.20	1,430,024	1.03
Longlines	2,855,518	1.86	2,789,633	1.81	2,562,601	1.87	2,676,509	1.67	2,245,646	1.61
Others	754,152	0.49	897,682	0.58	720,437	0.53	540,703	0.34	553,101	0.40
Pots	56,165,362	36.53	40,157,294	26.04	31,694,741	23.11	36,954,569	23.07	41,941,893	30.08
Pound Nets	2,259,933	1.47	2,131,743	1.38	2,429,190	1.77	2,515,781	1.57	1,075,542	0.77
Purse Seines	41,567,550	27.04	56,290,600	36.50	54,092,388	39.44	70,728,350	44.16	47,548,450	34.10
Rod and Reel	3,600,955	2.34	3,425,098	2.22	3,287,088	2.40	3,115,412	1.95	2,842,088	2.04
Trawls	22,057,217	14.35	22,530,633	14.61	17,262,317	12.58	22,648,366	14.14	23,362,766	16.76
Total	153,742,046	100.00	154,220,098	100.00	137,166,335	100.00	160,174,305	100.00	139,423,505	100.00

Annual landings and percent landings by major gear type from 1994 to 2017 continued.

Year	2004		2005		2006		2007		2008	
Gear	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Dredges	403,283	0.30	220,910	0.28	291,254	0.42	371,774	0.59	355,645	0.50
Gigs/Spears	113,463	0.08	84,312	0.11	99,127	0.14	127,888	0.20	132,808	0.19
Gill Nets	17,453,634	13.01	15,650,721	19.65	13,438,097	19.55	12,521,858	19.92	12,304,968	17.28
Hand	675,377	0.50	579,443	0.73	666,025	0.97	729,762	1.16	633,513	0.89
Haul Seines	1,906,764	1.42	1,720,016	2.16	1,435,733	2.09	1,073,319	1.71	859,458	1.21
Longlines	2,457,842	1.83	2,477,884	3.11	2,925,144	4.26	2,443,749	3.89	1,753,621	2.46
Others	405,307	0.30	367,374	0.46	460,275	0.67	511,659	0.81	463,433	0.65
Pots	33,880,965	25.26	25,474,453	31.99	25,821,120	37.56	21,826,376	34.71	31,711,780	44.54
Pound Nets	1,230,866	0.92	1,135,225	1.43	1,212,258	1.76	1,342,078	2.13	1,181,543	1.66
Purse Seines	49,485,530	36.90	11,883,790	14.92	0	0.00	0	0	0	0.00
Rod and Reel	3,127,477	2.33	3,122,465	3.92	3,185,196	4.63	3,429,305	5.45	3,396,692	4.77
Trawls	22,966,796	17.13	16,912,317	21.24	19,209,120	27.94	18,497,210	29.42	18,406,767	25.85
Total	134,107,302	100.00	79,628,910	100.00	68,743,347	100.00	62,874,979	100.00	71,200,227	100.00

Annual landings and percent landings by major gear type from 1994 to 2017 continued.

Year	2009		2010		2011		2012		2013	
Gear	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Dredges	675,042	0.98	1,028,345	1.43	612,055	0.91	277,550	0.49	298,277	0.59
Gigs/Spears	110,373	0.16	164,313	0.23	145,661	0.22	204,808	0.36	173,893	0.35
Gill Nets	14,657,936	21.25	16,841,034	23.39	16,527,364	24.48	13,973,129	24.65	13,371,839	26.64
Hand	589,638	0.86	602,500	0.84	610,206	0.90	624,719	1.10	685,054	1.36
Haul Seines	791,394	1.15	818,217	1.14	548,310	0.81	528,978	0.93	537,106	1.07
Longlines	2,088,765	3.03	1,946,348	2.70	2,153,053	3.19	2,683,832	4.73	2,549,705	5.08
Others	445,538	0.65	339,408	0.47	303,895	0.45	567,857	1.00	742,820	1.48
Pots	29,325,280	42.52	30,776,288	42.74	30,125,067	44.63	27,128,458	47.85	22,470,450	44.76
Pound Nets	1,331,443	1.93	1,206,824	1.68	1,167,914	1.73	1,344,614	2.37	1,687,107	3.36
Purse Seines	0	0.00	475,700	0.66	0	0.00	0	0.00	0	0.00
Rod and Reel	3,071,550	4.45	2,087,656	2.90	1,807,369	2.68	1,833,729	3.23	1,787,254	3.56
Trawls	15,876,364	23.02	15,715,230	21.83	13,501,120	20.00	7,523,260	13.27	5,893,729	11.74
Total	68,963,323	100.00	72,001,861	100.00	67,502,014	100.00	56,690,935	100.00	50,197,234	100.00

Annual landings and percent landings by major gear type from 1994 to 2017 continued.

Year	2014		2015		2016		2017	
Gear	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Dredges	470,065	0.76	424,700	0.64	312,281	0.52	174,008	0.32
Gigs/Spears	203,024	0.33	182,455	0.28	197,258	0.33	226,048	0.42
Gill Nets	16,610,183	26.80	13,231,812	20.06	10,968,642	18.30	10,109,530	18.59
Hand	819,757	1.32	835,632	1.27	870,977	1.45	1,064,493	1.96
Haul Seines	397,998	0.64	104,145	0.16	55,850	0.09	85,582	0.16
Longlines	2,871,811	4.63	2,027,252	3.07	1,996,954	3.33	2,215,156	4.07
Others	568,751	0.92	800,420	1.21	656,038	1.09	683,196	1.26
Pots	26,483,500	42.73	32,225,914	48.87	25,542,765	42.61	19,437,856	35.75
Pound Nets	1,638,824	2.64	1,470,617	2.23	1,199,646	2.00	1,513,779	2.78
Purse Seines	0	0	0	00.0	0	0.00	0	0.00
Rod and Reel	2,051,356	3.31	1,648,294	2.50	1,853,220	3.09	2,284,095	4.20
Trawls	9,860,143	15.91	12,994,413	19.70	16,286,873	27.17	16,579,656	30.49
Total	61,975,412	100.00	65,945,654	100.00	59,940,504	100.00	54,373,398	100.00

Annual ex-vessel value, deflated value, and percent value by major gear type from 1994 to 2017.

Year	1994			1995			1996			1997		
Gear	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)
Dredges	1,058,286	314,734	1.16	1,796,634	520,126	1.64	884,149	247,915	0.84	837,858	228,987	0.77
Gigs/Spears	150,012	44,614	0.16	153,859	44,542	0.14	107,071	30,023	0.10	173,347	47,376	0.16
Gill Nets	10,100,782	3,003,973	11.07	13,404,392	3,880,571	12.26	13,496,116	3,784,311	12.79	13,954,618	3,813,797	12.80
Hand	3,850,123	1,145,027	4.22	4,415,746	1,278,359	4.04	4,277,109	1,199,301	4.05	4,879,893	1,333,675	4.48
Haul Seines	1,333,579	396,606	1.46	1,669,321	483,269	1.53	1,222,871	342,893	1.16	1,775,029	485,115	1.63
Longlines	2,772,673	824,593	3.04	4,158,580	1,203,909	3.80	2,435,983	683,050	2.31	1,904,284	520,441	1.75
Others	624,005	185,579	0.68	747,985	216,542	0.68	535,978	150,288	0.51	593,241	162,133	0.54
Pots	28,866,485	8,584,893	31.63	36,272,864	10,500,994	33.17	42,149,188	11,818,632	39.94	36,636,619	10,012,788	33.62
Pound Nets	4,383,784	1,303,737	4.80	3,825,674	1,107,532	3.50	3,801,320	1,065,890	3.60	3,353,660	916,555	3.08
Purse Seines	3,410,710	1,014,345	3.74	3,931,617	1,138,203	3.59	5,178,875	1,452,157	4.91	9,834,726	2,687,831	9.02
Rod and Reel	6,027,168	1,792,480	6.60	6,679,832	1,933,811	6.11	5,681,026	1,592,960	5.38	6,701,059	1,831,399	6.15
Trawls	28,698,270	8,534,866	31.44	32,311,397	9,354,150	29.54	25,763,883	7,224,193	24.41	28,343,784	7,746,356	26.01
Total	91,275,877	27,145,446	100.00	109,367,901	31,662,007	100.00	105,533,568	29,591,613	100.00	108,988,117	29,786,452	100.00

Annual ex-vessel value, deflated value, and percent value by major gear type from 1994 to 2017 continued.

Year	1998			1999			2000			2001		
Gear	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)
Dredges	1,048,283	280,416	1.04	756,356	198,014	0.76	781,246	199,921	0.72	1,563,828	388,298	1.77
Gigs/Spears	117,805	31,513	0.12	101,612	26,602	0.10	147,914	37,851	0.14	144,501	35,879	0.16
Gill Nets	12,976,715	3,471,271	12.85	11,793,104	3,087,435	11.83	12,802,927	3,276,269	11.82	10,907,717	2,708,386	12.37
Hand	4,426,451	1,184,076	4.38	3,659,389	958,028	3.67	4,582,923	1,172,770	4.23	5,286,766	1,312,704	6.00
Haul Seines	1,197,473	320,324	1.19	926,126	242,460	0.93	1,155,433	295,675	1.07	970,557	240,989	1.10
Longlines	2,039,909	545,676	2.02	2,704,725	708,097	2.71	3,112,301	796,438	2.87	3,310,491	821,995	3.76
Others	558,412	149,375	0.55	767,528	200,939	0.77	911,738	233,314	0.84	631,949	156,913	0.72
Pots	43,539,163	11,646,726	43.10	37,402,423	9,791,954	37.52	37,466,113	9,587,578	34.59	32,274,683	8,013,804	36.62
Pound Nets	2,829,414	756,868	2.80	1,917,834	502,089	1.92	2,076,960	531,494	1.92	2,680,289	665,516	3.04
Purse Seines	4,574,841	1,223,770	4.53	2,554,461	668,758	2.56	3,439,512	880,171	3.18	4,348,949	1,079,844	4.93
Rod and Reel	5,896,074	1,577,200	5.84	5,865,971	1,535,711	5.88	6,891,860	1,763,627	6.36	5,634,753	1,399,109	6.39
Trawls	21,813,995	5,835,244	21.59	31,231,520	8,176,412	31.33	34,945,884	8,942,652	32.26	20,388,707	5,062,516	23.13
Total	101,018,535	27,022,458	100.00	99,681,050	26,096,499	100.00	108,314,811	27,717,760	100.00	88,143,189	21,885,954	100.00

Annual ex-vessel value, deflated value, and percent value by major gear type from 1994 to 2017 continued.

Year	2002			2003			2004			2005		
Gear	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)
Dredges	1,730,720	421,950	1.83	1,046,770	249,969	1.20	2,028,499	468,583	2.55	1,164,444	262,466	1.79
Gigs/Spears	135,870	33,125	0.14	149,981	35,815	0.17	178,446	41,221	0.22	140,072	31,572	0.22
Gill Nets	10,148,378	2,474,175	10.71	8,758,656	2,091,567	10.05	9,132,775	2,109,671	11.46	9,190,134	2,071,456	14.16
Hand	3,677,111	896,480	3.88	3,567,656	851,956	4.10	3,660,799	845,645	4.59	3,366,217	758,745	5.19
Haul Seines	987,897	240,849	1.04	656,366	156,740	0.75	1,005,536	232,279	1.26	1,330,967	300,000	2.05
Longlines	2,625,948	640,206	2.77	3,281,361	783,589	3.77	3,505,082	809,674	4.40	3,813,087	859,470	5.88
Others	582,168	141,933	0.61	568,935	135,862	0.65	345,223	79,746	0.43	286,189	64,507	0.44
Pots	33,064,809	8,061,200	34.90	37,024,468	8,841,443	42.50	24,897,926	5,751,421	31.24	20,545,388	4,630,931	31.66
Pound Nets	2,565,034	625,355	2.71	1,185,017	282,982	1.36	1,296,969	299,600	1.63	1,211,993	273,183	1.87
Purse Seines	5,066,122	1,235,120	5.35	3,808,543	909,480	4.37	4,453,698	1,028,804	5.59	1,069,541	241,075	1.65
Rod and Reel	6,080,018	1,482,308	6.42	5,457,460	1,303,242	6.26	6,624,631	1,530,290	8.31	6,677,385	1,505,083	10.29
Trawls	28,083,465	6,846,749	29.64	21,607,619	5,159,899	24.80	22,575,491	5,214,938	28.32	16,092,988	3,627,360	24.80
Total	94,747,541	23,099,450	100.00	87,112,832	20,802,544	100.00	79,705,074	18,411,872	100.00	64,888,407	14,625,847	100.00

Annual ex-vessel value, deflated value, and percent value by major gear type from 1994 to 2017 continued.

Year	2006			2007			2008			2009		
Gear	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)
Dredges	1,679,395	369,803	2.40	2,209,592	468,433	2.69	1,909,303	384,152	2.20	3,572,465	705,562	4.63
Gigs/Spears	192,608	42,412	0.27	277,278	58,783	0.34	256,234	51,554	0.30	206,377	40,759	0.27
Gill Nets	10,026,256	2,207,782	14.31	10,485,591	2,222,945	12.74	10,580,034	2,128,703	12.19	10,565,366	2,086,660	13.69
Hand	3,777,343	831,771	5.39	4,038,638	856,191	4.91	3,308,359	665,642	3.81	3,057,440	603,844	3.96
Haul Seines	947,688	208,681	1.35	651,836	138,189	0.79	658,063	132,402	0.76	469,363	92,699	0.61
Longlines	4,887,643	1,076,259	6.97	5,195,521	1,101,450	6.31	3,894,989	783,672	4.49	3,933,117	776,791	5.09
Others	364,279	80,214	0.52	454,160	96,282	0.55	453,996	91,344	0.52	365,720	72,230	0.47
Pots	18,014,331	3,966,756	25.70	22,143,437	4,694,409	26.91	27,420,127	5,516,930	31.59	27,896,883	5,509,634	36.14
Pound Nets	1,667,448	367,172	2.38	1,498,671	317,718	1.82	1,829,516	368,099	2.11	1,646,988	325,280	2.13
Purse Seines	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Rod and Reel	6,688,024	1,472,703	9.54	7,836,600	1,661,359	9.52	8,052,391	1,620,141	9.28	7,234,591	1,428,832	9.37
Trawls	21,840,303	4,809,235	31.16	27,492,217	5,828,350	33.41	28,446,690	5,723,474	32.77	18,247,791	3,603,939	23.64
Total	70,085,319	15,432,787	100.00	82,283,541	17,444,111	100.00	86,809,702	17,466,112	100.00	77,196,101	15,246,230	100.00

Annual ex-vessel value, deflated value, and percent value by major gear type from 1994 to 2017 continued.

Year	2010			2011			2012			2013		
Gear	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)
Dredges	5,251,418	1,028,753	6.58	3,645,106	689,289	5.12	1,511,735	278,764	2.08	1,984,703	361,018	2.51
Gigs/Spears	344,816	67,549	0.43	333,769	63,116	0.47	496,032	91,468	0.68	449,124	81,696	0.57
Gill Nets	11,014,639	2,157,768	13.79	11,075,418	2,094,362	15.56	10,911,903	2,012,155	15.04	11,740,999	2,135,688	14.84
Hand	3,465,824	678,955	4.34	3,541,730	669,741	4.98	3,641,333	671,462	5.02	4,072,062	740,708	5.15
Haul Seines	512,793	100,456	0.64	392,619	74,244	0.55	419,450	77,347	0.58	469,393	85,383	0.59
Longlines	4,103,083	803,794	5.14	5,430,381	1,026,885	7.63	7,602,084	1,401,824	10.48	6,416,893	1,167,233	8.11
Others	296,527	58,090	0.37	212,323	40,150	0.30	583,643	107,624	0.80	833,876	151,682	1.05
Pots	27,312,107	5,350,442	34.20	21,760,215	4,114,857	30.57	23,639,554	4,359,134	32.57	30,706,992	5,585,602	38.82
Pound Nets	1,674,891	328,111	2.10	1,445,732	273,388	2.03	2,152,974	397,008	2.97	3,097,918	563,511	3.92
Purse Seines	40,305	7,896	0.05	0	0	0.00	0	0	0.00	0	0	0.00
Rod and Reel	4,670,414	914,934	5.85	4,553,302	861,029	6.40	5,204,718	959,750	7.17	4,792,185	871,698	6.06
Trawls	21,179,913	4,149,145	26.52	18,793,415	3,553,835	26.40	16,407,664	3,025,573	22.61	14,539,532	2,644,741	18.38
Total	79,866,731	15,645,893	100.00	71,184,008	13,460,896	100.00	72,571,092	13,382,109	100.00	79,103,678	14,388,959	100.00

Annual ex-vessel value, deflated value, and percent value by major gear type from 1994 to 2017 continued.

Year	2014			2015			2016			2017		
Gear	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Deflated Value ($)	Percent Value (%)
Dredges	3,480,322	618,801	3.70	3,939,870	687,901	4.16	3,111,537	541,407	3.31	1,536,795	265,097	1.59
Gigs/Spears	590,495	104,990	0.63	562,328	98,182	0.59	726,849	126,472	0.77	852,117	146,990	0.88
Gill Nets	10,661,211	1,895,563	11.33	9,086,456	1,586,495	9.59	9,679,864	1,684,296	10.29	11,078,137	1,910,979	11.48
Hand	5,012,998	891,311	5.33	7,199,828	1,257,090	7.60	5,518,448	960,210	5.87	7,121,688	1,228,491	7.38
Haul Seines	260,835	46,376	0.28	83,842	14,639	0.09	69,582	12,107	0.07	88,367	15,243	0.09
Longlines	6,708,138	1,192,707	7.13	4,718,931	823,925	4.98	4,982,396	866,937	5.30	5,413,250	933,786	5.61
Others	518,990	92,276	0.55	611,254	106,725	0.65	443,499	77,169	0.47	481,726	83,098	0.50
Pots	34,681,236	6,166,324	36.85	34,348,172	5,997,191	36.27	24,419,798	4,249,045	25.97	22,638,211	3,905,091	23.46
Pound Nets	2,977,700	529,435	3.16	2,683,188	468,485	2.83	2,213,961	385,229	2.35	3,486,760	601,466	3.61
Purse Seines	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Rod and Reel	5,022,893	893,070	5.34	4,169,194	727,941	4.40	4,956,120	862,365	5.27	6,135,047	1,058,296	6.36
Trawls	24,196,475	4,302,133	25.71	27,307,977	4,767,973	28.83	37,924,865	6,598,927	40.33	37,684,029	6,500,495	39.04
Total	94,111,292	16,732,988	100.00	94,711,040	16,536,548	100.00	94,046,920	16,364,164	100.00	96,516,128	16,649,032	100.00

Annual trips, percent trips, and CPUE by major gear type from 1994 to 2017.

Year	1994			1995			1996			1997		
Gear	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Dredges	1,419	0.52	302.83	2,665	0.93	152.15	952	0.36	253.17	886	0.31	201.81
Gigs/Spears	1,712	0.62	59.56	1,769	0.62	54.10	1,280	0.49	49.77	1,780	0.63	53.83
Gill Nets	50,145	18.29	466.88	58,269	20.36	449.49	54,276	20.72	590.39	60,119	21.25	453.72
Hand	57,670	21.03	15.64	56,073	19.59	14.66	47,982	18.32	15.27	50,380	17.81	16.00
Haul Seines	1,929	0.70	1,634.37	1,959	0.68	1,763.08	1,872	0.71	1,578.00	1,846	0.65	2,030.19
Longlines	1,208	0.44	2,929.82	1,130	0.39	3,571.50	1,007	0.38	2,615.92	908	0.32	2,255.17
Others	2,655	0.97	161.93	2,913	1.02	156.96	2,227	0.85	175.88	2,931	1.04	194.21
Pots	115,161	41.99	451.91	121,058	42.30	380.84	117,814	44.98	548.23	124,157	43.89	430.15
Pound Nets	6,439	2.35	739.24	5,098	1.78	732.43	4,915	1.88	691.37	4,720	1.67	645.59
Purse Seines	172	0.06	462,061.92	86	0.03	742,320.58	78	0.03	759,072.44	137	0.05	797,675.67
Rod and Reel	10,364	3.78	396.41	9,834	3.44	458.51	7,667	2.93	489.20	9,288	3.28	466.57
Trawls	25,348	9.24	814.11	25,320	8.85	873.51	21,895	8.36	967.92	25,712	9.09	924.64
Total	274,222	100.00	470,034.61	286,174	100.00	750,927.80	261,965	100.00	767,047.55	282,864	100.00	805,347.55

Year	1998			1999			2000			2001		
Gear	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Dredges	2,242	0.82	105.15	1,730	0.69	76.09	1,143	0.47	98.34	1,333	0.54	313.13
Gigs/Spears	1,452	0.53	48.58	1,066	0.43	59.61	1,309	0.54	68.05	1,410	0.57	64.46
Gill Nets	52,789	19.34	488.63	52,762	21.16	413.29	53,788	22.04	421.06	51,449	20.82	417.12
Hand	44,934	16.46	17.16	36,720	14.73	17.16	46,439	19.03	16.42	54,551	22.08	16.04
Haul Seines	1,348	0.49	1,975.56	1,100	0.44	1,681.76	1,295	0.53	1,841.97	930	0.38	2,444.62
Longlines	852	0.31	2,284.06	711	0.29	4,016.20	709	0.29	3,934.60	640	0.26	4,004.06
Others	2,880	1.05	229.29	3,493	1.40	215.90	3,251	1.33	276.12	2,937	1.19	245.30
Pots	133,570	48.93	442.74	118,308	47.46	474.74	105,746	43.32	379.75	107,133	43.36	295.84
Pound Nets	3,643	1.33	798.73	3,130	1.26	722.02	3,120	1.28	683.25	3,182	1.29	763.42
Purse Seines	99	0.04	640,151.92	73	0.03	569,418.49	97	0.04	580,315.46	79	0.03	684,713.77
Rod and Reel	8,151	2.99	458.67	7,345	2.95	490.26	7,016	2.87	488.18	6,770	2.74	485.54
Trawls	21,029	7.70	900.12	22,854	9.17	965.14	20,170	8.26	1,117.04	16,659	6.74	1,036.22
Total	272,989	100.00	647,900.62	249,292	100.00	578,550.67	244,083	100.00	589,640.26	247,073	100.00	694,799.53

Annual trips, percent trips, and CPUE by major gear type from 1994 to 2017 continued.

Year	2002			2003			2004			2005		
Gear	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]
Dredges	1,378	0.64	345.30	1,374	0.70	174.58	2,462	1.32	163.80	2,775	1.78	79.61
Gigs/Spears	1,175	0.55	79.03	1,103	0.56	84.62	1,237	0.66	91.72	1,214	0.78	69.45
Gill Nets	46,505	21.77	382.89	44,280	22.43	393.40	41,084	22.08	424.83	39,534	25.37	395.88
Hand	41,552	19.45	16.87	36,588	18.53	18.33	36,730	19.74	18.39	30,510	19.58	18.99
Haul Seines	1,008	0.47	1,903.76	612	0.31	2,336.64	909	0.49	2,097.65	1,154	0.74	1,490.48
Longlines	827	0.39	3,236.41	514	0.26	4,368.96	493	0.26	4,985.48	497	0.32	4,985.68
Others	3,007	1.41	179.81	2,633	1.33	210.06	2,361	1.27	171.67	1,686	1.08	217.90
Pots	88,739	41.53	416.44	86,719	43.92	483.65	77,993	41.91	434.41	62,236	39.94	409.32
Pound Nets	3,306	1.55	760.97	2,080	1.05	517.09	2,196	1.18	560.50	2,233	1.43	508.39
Purse Seines	108	0.05	654,892.13	66	0.03	720,431.06	64	0.03	773,211.41	15	0.01	792,252.67
Rod and Reel	6,802	3.18	458.01	5,788	2.93	491.03	6,407	3.44	488.13	5,957	3.82	524.17
Trawls	19,260	9.01	1,175.93	15,677	7.94	1,490.26	14,143	7.60	1,623.90	8,014	5.14	2,110.35
Total	213,667	100.06	663,847.55	197,434	100.06	730,999.69	186,079	100.00	784,271.89	155,825	100.00	803,062.88

Year	2006			2007			2008			2009		
Gear	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]
Dredges	2,885	1.92	100.95	2,110	1.32	176.20	3,170	2.12	112.19	4,920	3.12	137.20
Gigs/Spears	1,402	0.93	70.70	2,001	1.25	63.91	1,619	1.08	82.03	1,601	1.02	68.94
Gill Nets	39,969	26.55	336.21	41,952	26.28	298.48	40,816	27.33	301.47	40,758	25.88	359.63
Hand	34,136	22.67	19.51	39,053	24.46	18.69	33,491	22.43	18.92	32,421	20.59	18.19
Haul Seines	856	0.57	1,677.26	679	0.43	1,580.73	710	0.48	1,210.50	503	0.32	1,573.35
Longlines	543	0.36	5,387.01	410	0.26	5,960.36	396	0.27	4,428.34	475	0.30	4,397.40
Others	1,685	1.12	273.16	1,877	1.18	272.59	1,952	1.31	237.41	2,175	1.38	204.84
Pots	52,249	34.70	494.19	52,971	33.18	412.04	51,007	34.16	621.71	57,978	36.82	505.80
Pound Nets	2,221	1.48	545.82	2,305	1.44	582.25	1,876	1.26	629.82	2,355	1.50	565.37
Purse Seines	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Rod and Reel	6,256	4.16	509.14	7,081	4.44	484.30	6,115	4.09	555.47	6,142	3.90	500.09
Trawls	8,358	5.55	2,298.29	9,207	5.77	2,009.04	8,179	5.48	2,250.49	8,151	5.18	1,947.78
Total	150,560	100.00	11,712.25	159,646	100.00	11,858.59	149,331	100.00	10,448.36	157,479	100.00	10,278.60

Annual trips, percent trips, and CPUE by major gear type from 1994 to 2017 continued.

Year	2010			2011			2012			2013		
Gear	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]
Dredges	11,417	7.49	90.07	7,838	5.76	78.09	2,771	2.02	100.16	4,119	2.88	72.41
Gigs/Spears	2,432	1.60	67.56	2,203	1.62	66.12	3,207	2.34	63.86	2,677	1.87	64.96
Gill Nets	34,600	22.70	486.74	30,770	22.56	537.13	32,891	23.96	424.83	37,288	26.09	358.61
Hand	31,867	20.91	18.91	30,245	22.18	20.18	28,976	21.11	21.56	29,317	20.52	23.37
Haul Seines	555	0.36	1,474.27	471	0.35	1,164.14	245	0.18	2,159.09	330	0.23	1,627.59
Longlines	497	0.33	3,916.19	511	0.37	4,213.41	587	0.43	4,572.12	699	0.49	3,647.65
Others	2,205	1.45	153.93	1,395	1.02	217.85	2,616	1.91	217.07	2,714	1.90	273.70
Pots	54,249	35.59	567.32	51,501	37.76	584.94	52,063	37.93	521.07	51,922	36.33	432.77
Pound Nets	2,298	1.51	525.16	2,294	1.68	509.12	2,740	2.00	490.73	2,859	2.00	590.10
Purse Seines	3	0.00	158,566.67	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Rod and Reel	4,125	2.71	506.10	3,374	2.47	535.68	3,540	2.58	518.00	3,759	2.63	475.46
Trawls	8,163	5.36	1,925.18	5,779	4.24	2,336.24	7,639	5.56	984.85	7,216	5.05	816.76
Total	152,411	100.00	168,298.08	136,381	100.00	10,262.88	137,275	100.00	10,073.35	142,900	100.00	8,383.39

Year	2014			2015			2016			2017		
Gear	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]	Trips	Percent Trips (%)	CPUE[1]
Dredges	6,111	4.31	76.92	4,325	3.11	98.20	2,930	2.20	106.58	1,743	1.37	99.83
Gigs/Spears	2,942	2.07	69.01	2,862	2.06	63.75	2,925	2.20	67.44	3,008	2.36	75.15
Gill Nets	29,518	20.82	562.71	25,239	18.14	524.26	24,680	18.54	444.43	29,035	22.76	348.18
Hand	32,703	23.06	25.07	32,541	23.39	25.68	32,590	24.48	26.73	33,365	26.15	31.90
Haul Seines	225	0.16	1,768.88	68	0.05	1,531.55	104	0.08	537.02	99	0.08	864.46
Longlines	653	0.46	4,397.87	551	0.40	3,679.22	683	0.51	2,923.80	571	0.45	3,879.43
Others[2]	2,079	1.47	273.57	2,242	1.61	357.01	1,984	1.49	330.66	1,937	1.52	352.71
Pots	55,094	38.86	480.70	56,888	40.90	566.48	51,151	38.43	499.36	41,266	32.35	471.04
Pound Nets	2,442	1.72	671.10	2,853	2.05	515.46	2,557	1.92	469.16	2,918	2.29	518.77
Purse Seines	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Rod and Reel	4,044	2.85	507.26	3,596	2.59	458.37	3,973	2.98	466.45	4,588	3.60	497.84
Trawls	5,978	4.22	1,649.40	7,936	5.71	1,637.40	9,531	7.16	1,708.83	9,045	7.09	1,833.02
Total	141,789	100.00	10,482.49	139,101	100.00	9,457.38	133,108	100.00	7,580.46	127,575	100.00	8,972.34

1= CPUE is number of pounds landed / number of trips

2 = Others includes cast net, channel net, fyke net, kicking without clam trawl, mechanical tongs, power rakes, and power tong gear.

Annual landings and percent landings for major shellfish species by major gear type from 1994 to 2017.

Year	1994		1995		1996		1997		1998	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bay Scallop	63,954	0.10	173,796	0.30	27,388	0.04	54,606	0.08	102,819	0.15
Blue Crab, Hard	52,260,168	83.51	45,033,543	78.83	65,682,500	88.98	54,353,545	83.56	60,402,332	87.76
Blue Crab, Peeler	642,238	1.03	724,442	1.27	878,382	1.19	1,022,668	1.57	976,097	1.42
Blue Crab, Soft	610,717	0.98	685,555	1.20	519,318	0.70	713,896	1.10	697,741	1.01
Hard Clams	690,794	1.10	702,654	1.23	619,837	0.84	696,295	1.07	689,510	1.00
Oysters	183,704	0.29	220,661	0.39	210,931	0.29	218,970	0.34	224,214	0.33
Shrimp	7,284,793	11.64	8,669,032	15.17	5,261,137	7.13	6,988,243	10.74	4,635,189	6.73
Other Shellfish	845,385	1.35	919,112	1.61	618,870	0.84	1,002,858	1.54	1,095,343	1.59
Total	62,581,753	100.00	57,128,794	100.00	73,818,363	100.00	65,051,082	100.00	68,823,245	100.00

Year	1999		2000		2001		2002		2003	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bay Scallop	29,651	0.04	21,029	0.04	2,517	0.01	19,219	0.04	14,194	0.03
Blue Crab, Hard	56,094,091	82.92	38,889,273	74.56	29,939,494	76.53	36,461,890	74.05	41,644,612	82.06
Blue Crab, Peeler	942,150	1.39	998,971	1.92	1,319,202	3.37	718,897	1.46	693,294	1.37
Blue Crab, Soft	510,435	0.75	750,140	1.44	921,693	2.36	555,532	1.13	431,891	0.85
Hard Clams	576,970	0.85	675,814	1.30	763,573	1.95	619,721	1.26	533,027	1.05
Oysters	216,858	0.32	203,427	0.39	258,086	0.66	243,775	0.50	261,043	0.51
Shrimp	9,004,208	13.31	10,334,915	19.81	5,254,132	13.43	9,969,018	20.25	6,167,371	12.15
Other Shellfish	274,940	0.41	286,239	0.55	661,037	1.69	648,484	1.32	1,005,985	1.98
Total	67,649,303	100.00	52,159,808	100.00	39,119,735	100.00	49,236,536	100.00	50,751,417	100.00

Annual landings and percent landings for major shellfish species by major gear type from 1994 to 2017 continued.

	2004		2005		2006		2007		2008	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bay Scallop	***	***	0	0.00	0	0.00	0	0.00	0	0.00
Blue Crab, Hard	32,592,768	76.28	23,571,451	78.06	24,408,932	73.74	20,562,159	63.35	32,338,889	74.21
Blue Crab, Peeler	982,874	2.30	1,166,270	3.86	549,916	1.66	498,904	1.54	351,986	0.81
Blue Crab, Soft	554,966	1.30	692,398	2.29	384,311	1.16	363,896	1.12	225,816	0.52
Hard Clams	542,935	1.27	412,995	1.37	422,293	1.28	425,333	1.31	382,049	0.88
Oysters	367,961	0.86	378,014	1.25	447,889	1.35	441,415	1.36	466,176	1.07
Shrimp	4,880,816	11.42	2,357,516	7.81	5,736,649	17.33	9,537,230	29.38	9,414,418	21.60
Other Shellfish	2,803,273	6.56	1,616,784	5.35	1,150,167	3.47	630,583	1.94	399,827	0.92
Total	42,725,593	100.00	30,195,429	100.00	33,100,157	100.00	32,459,521	100.00	43,579,163	100.00

	2009		2010		2011		2012		2013	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bay Scallop	29,003	0.08	***	***	0	0.00	0	0.00	1,337	0.00
Blue Crab, Hard	29,140,473	79.55	29,794,329	75.42	28,964,633	76.70	25,991,387	76.54	21,438,077	76.04
Blue Crab, Peeler	367,881	1.00	568,210	1.44	624,362	1.65	468,855	1.38	447,120	1.59
Blue Crab, Soft	198,878	0.54	320,472	0.81	446,397	1.18	325,426	0.96	317,426	1.13
Hard Clams	350,669	0.96	354,961	0.90	295,466	0.78	396,429	1.17	347,073	1.23
Oysters	573,630	1.57	1,040,407	2.63	800,543	2.12	440,063	1.30	586,625	2.08
Shrimp	5,407,708	14.76	5,955,335	15.08	5,140,360	13.61	6,141,480	18.09	4,858,885	17.23
Other Shellfish	564,834	1.54	1,470,327	3.72	1,491,159	3.95	192,961	0.57	197,543	0.70
Total	36,633,075	100.00	39,504,040	100.00	37,762,921	100.00	33,956,601	100.00	28,194,084	100.00

Annual landings and percent landings for major shellfish species by major gear type from 1994 to 2017 continued.

	2014		2015		2016		2017	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bay Scallop	0	0.00	0	0.00	0	0.00	0	0.00
Blue Crab, Hard	25,242,795	77.62	31,040,008	72.77	24,732,127	61.77	18,069,170	52.16
Blue Crab, Peeler	621,040	1.91	706,660	1.66	445,844	1.11	776,234	2.24
Blue Crab, Soft	367,277	1.13	380,375	0.89	284,769	0.71	427,753	1.23
Hard Clams	430,816	1.32	415,027	0.97	331,215	0.83	273,280	0.79
Oysters	727,775	2.24	631,050	1.48	653,889	1.63	836,960	2.42
Shrimp	4,690,933	14.43	9,090,560	21.31	13,191,267	32.95	13,896,352	40.12
Other Shellfish	438,607	1.35	388,622	0.91	398,311	0.99	359,027	1.04
Total	32,519,243	100.00	42,652,301	100.00	40,037,422	100.00	34,638,776	100.00

Annual ex-vessel value and percent value for major shellfish species by major gear type from 1994 to 2017.

Year	1994		1995		1996		1997		1998	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bay Scallop	120,054	0.22	345,447	0.54	105,716	0.17	183,172	0.29	289,184	0.46
Blue Crab, Hard	26,896,282	49.86	33,053,805	51.88	39,873,553	63.57	33,165,872	52.90	40,466,879	64.85
Blue Crab, Peeler	771,697	1.43	1,052,607	1.65	1,280,991	2.04	1,768,855	2.82	1,932,820	3.10
Blue Crab, Soft	1,931,975	3.58	2,132,875	3.35	1,887,890	3.01	2,751,311	4.39	2,559,941	4.10
Hard Clams	3,582,049	6.64	4,628,830	7.27	4,380,620	6.98	4,878,022	7.78	4,559,846	7.31
Oysters	632,634	1.17	815,070	1.28	793,123	1.26	888,963	1.42	925,559	1.48
Shrimp	18,992,486	35.20	20,318,239	31.89	13,365,295	21.31	18,204,266	29.04	10,855,296	17.40
Other Shellfish	1,021,141	1.89	1,363,816	2.14	1,040,210	1.66	852,327	1.36	812,460	1.30
Total	53,948,318	100.00	63,710,688	100.00	62,727,398	100.00	62,692,789	100.00	62,401,985	100.00

Year	1999		2000		2001		2002		2003	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bay Scallop	102,998	0.16	78,554	0.11	10,423	0.02	68,365	0.12	48,628	0.09
Blue Crab, Hard	33,526,081	51.65	32,154,369	46.79	25,079,256	48.18	29,349,251	51.06	32,904,677	61.65
Blue Crab, Peeler	2,111,690	3.25	1,946,369	2.83	3,081,350	5.92	1,465,913	2.55	1,815,304	3.40
Blue Crab, Soft	2,174,429	3.35	3,336,990	4.86	4,070,990	7.82	2,333,268	4.06	2,388,111	4.47
Hard Clams	3,774,453	5.82	4,680,245	6.81	5,007,241	9.62	3,505,642	6.10	3,339,172	6.26
Oysters	922,910	1.42	804,212	1.17	1,068,352	2.05	991,004	1.72	1,017,887	1.91
Shrimp	22,094,378	34.04	25,405,916	36.97	11,910,947	22.88	18,364,764	31.95	10,939,078	20.50
Other Shellfish	199,997	0.31	314,996	0.46	1,828,824	3.51	1,402,518	2.44	917,639	1.72
Total	64,906,937	100.00	68,721,651	100.00	52,057,384	100.00	57,480,726	100.00	53,370,495	100.00

Annual ex-vessel value and percent value for major shellfish species by major gear type from 1994 to 2017 continued.

Year	2004		2005		2006		2007		2008	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bay Scallop	400	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Blue Crab, Hard	20,248,333	49.63	15,374,714	51.26	14,146,592	43.64	18,109,497	39.29	25,429,231	48.54
Blue Crab, Peeler	1,678,928	4.11	1,902,625	6.34	1,172,353	3.62	1,186,031	2.57	882,319	1.68
Blue Crab, Soft	2,538,582	6.22	2,996,574	9.99	1,768,450	5.46	2,136,426	4.64	1,243,836	2.37
Hard Clams	3,357,124	8.23	2,777,957	9.26	2,631,373	8.12	2,600,658	5.64	2,355,279	4.50
Oysters	1,551,870	3.80	1,682,646	5.61	2,234,558	6.89	2,244,626	4.87	2,039,175	3.89
Shrimp	9,462,852	23.19	4,409,124	14.70	9,141,435	28.20	17,905,334	38.85	19,227,721	36.70
Other Shellfish	1,962,920	4.81	848,900	2.83	1,320,628	4.07	1,908,391	4.14	1,212,265	2.31
Total	40,801,008	100.00	29,992,539	100.00	32,415,388	100.00	46,090,964	100.00	52,389,826	100.00

Year	2009		2010		2011		2012		2013	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bay Scallop	124,255.70	0.29	1,250	0.00	0	0.00	0	0.00	9,506	0.02
Blue Crab, Hard	25,039,378.90	57.94	23,801,594	51.19	18,016,736	45.15	20,198,891	48.61	26,465,523	53.70
Blue Crab, Peeler	1,106,882.63	2.56	1,197,855	2.58	1,186,286	2.97	1,112,025	2.68	1,449,542	2.94
Blue Crab, Soft	1,282,732.98	2.97	1,544,342	3.32	2,079,242	5.21	1,496,021	3.60	2,091,382	4.24
Hard Clams	2,036,792.66	4.71	2,581,033	5.55	1,896,627	4.75	2,091,067	5.03	2,295,366	4.66
Oysters	2,655,463.49	6.15	5,045,127	10.85	4,486,741	11.24	2,572,073	6.19	3,353,126	6.80
Shrimp	8,527,714.24	19.73	10,691,399	22.99	10,885,795	27.28	13,333,150	32.09	12,944,880	26.27
Other Shellfish	2,439,164.93	5.64	1,633,110	3.51	1,354,123	3.39	751,091	1.81	674,565	1.37
Total	43,212,385.54	100.00	46,495,710	100.00	39,905,550	100.00	41,554,318	100.00	49,283,890	100.00

Annual ex-vessel value and percent value for major shellfish species by major gear type from 1994 to 2017 continued.

Year	2014		2015		2016		2017	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bay Scallop	0	0.00	0.00	0	0.00	0	0.00	
Blue Crab, Hard	29,954,723	52.48	29,626,983.55	47.54	20,738,465.02	33.80	17,776,188.18	29.18
Blue Crab, Peeler	1,935,462	3.39	2,106,107.88	3.38	1,314,878.58	2.14	1,649,626.26	2.71
Blue Crab, Soft	2,137,335	3.74	2,247,306.46	3.61	2,063,003.73	3.36	2,792,000.24	4.58
Hard Clams	2,866,096	5.02	5,038,972.54	8.09	2,578,119.62	4.20	2,174,490.54	3.57
Oysters	4,544,236	7.96	3,898,078.67	6.26	4,045,573.61	6.59	5,572,062.65	9.15
Shrimp	14,145,407	24.78	16,824,594.36	27.00	28,241,462.51	46.03	29,606,853.31	48.60
Other Shellfish	1,493,871	2.62	2,573,993.66	4.13	2,368,762.14	3.86	1,348,872.48	2.21
Total	57,077,130	99.99	62,316,037.13	100.01	61,350,265.21	99.98	60,920,093.66	100.00

Annual trips, percent trips, and CPUE for major shellfish species by major gear type from 1994 to 2017.

Year	1994			1995			1996		
Species	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Bay Scallop	788	0.36	81.16	2,108	0.91	82.45	446	0.21	61.41
Blue Crab, Hard	109,603	49.86	476.81	110,218	47.75	408.59	107,379	50.75	611.69
Blue Crab, Peeler	14,181	6.45	45.29	19,522	8.46	37.11	21,116	9.98	41.60
Blue Crab, Soft	7,196	3.27	84.87	8,958	3.88	76.53	8,596	4.06	60.41
Hard Clams	53,019	24.12	13.03	50,606	21.92	13.88	43,055	20.35	14.40
Oysters	7,247	3.30	25.35	8,754	3.79	25.21	8,047	3.80	26.21
Shrimp	21,746	9.89	334.99	23,890	10.35	362.87	17,084	8.07	307.96
Other Shellfish	6,063	2.76	139.43	6,785	2.94	135.46	5,854	2.77	105.72
Total	219,843	100.00	1,200.94	230,841	100.00	1,142.10	211,577	100.00	1,229.39

Annual trips, percent trips, and CPUE for major shellfish species by major gear type from 1994 to 2017 continued.

Year	1997			1998			1999		
Species	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Bay Scallop	674	0.29	81.02	1,059	0.45	97.09	441	0.21	67.24
Blue Crab, Hard	110,754	47.92	490.76	119,570	50.89	505.16	105,029	50.25	534.08
Blue Crab, Peeler	28,507	12.34	35.87	31,433	13.38	31.05	25,951	12.42	36.30
Blue Crab, Soft	12,541	5.43	56.92	13,733	5.84	50.81	12,888	6.17	39.61
Hard Clams	45,047	19.49	15.46	40,820	17.37	16.89	32,889	15.73	17.54
Oysters	8,130	3.52	26.93	7,568	3.22	29.63	7,459	3.57	29.07
Shrimp	20,442	8.85	341.86	14,969	6.37	309.65	19,821	9.48	454.28
Other Shellfish	5,008	2.17	200.25	5,802	2.47	188.79	4,547	2.18	60.47
Total	231,103	100.00	1,249.08	234,954	100.00	1,229.07	209,025	100.00	1,238.59

Year	2001			2002			2003		
Species	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Bay Scallop	56	0.03	44.95	335	0.19	57.37	243	0.14	58.41
Blue Crab, Hard	96,742	44.78	309.48	82,083	45.38	444.21	83,769	49.07	497.14
Blue Crab, Peeler	25,159	11.65	52.43	16,353	9.04	43.96	15,027	8.80	46.14
Blue Crab, Soft	15,966	7.39	57.73	13,445	7.43	41.32	10,683	6.26	40.43
Hard Clams	48,759	22.57	15.66	35,597	19.68	17.41	30,837	18.06	17.29
Oysters	9,402	4.35	27.45	9,061	5.01	26.90	9,282	5.44	28.12
Shrimp	14,072	6.51	373.37	18,342	10.14	543.51	14,057	8.23	438.74
Other Shellfish	5,868	2.72	112.65	5,660	3.13	114.57	6,819	3.99	147.53
Total	216,024	100.00	993.73	180,876	100.00	1,289.25	170,717	100.00	1,273.79

Annual trips, percent trips, and CPUE for major shellfish species by major gear type from 1994 to 2017 continued.

Year	2004			2005			2006		
Species	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Bay Scallop	2	0.00	40.00	0	0.00	0.00	0	0.00	0.00
Blue Crab, Hard	74,171	48.18	439.43	56,191	46.28	419.49	46,790	41.00	521.67
Blue Crab, Peeler	12,728	8.27	77.22	11,941	9.83	97.67	9,013	7.90	61.01
Blue Crab, Soft	7,174	4.66	77.36	6,655	5.48	104.04	5,753	5.04	66.80
Hard Clams	30,429	19.77	17.84	23,519	19.37	17.56	24,970	21.88	16.91
Oysters	11,889	7.72	30.95	12,111	9.97	31.21	14,326	12.55	31.26
Shrimp	11,881	7.72	410.81	6,578	5.42	358.39	8,021	7.03	715.20
Other Shellfish	5,676	3.69	493.87	4,426	3.65	365.29	5,261	4.61	218.62
Total	153,950	100.00	1,587.48	121,421	100.00	1,393.66	114,134	100.00	1,631.49

Year	2007			2008			2009		
Species	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Bay Scallop	0	0.00	0.00	0	0.00	0.00	1,094	0.86	26.51
Blue Crab, Hard	47,135	37.56	436.24	46,152	38.59	700.70	53,929	42.57	540.35
Blue Crab, Peeler	12,457	9.93	40.05	12,726	10.64	27.66	12,644	9.98	29.10
Blue Crab, Soft	6,818	5.43	53.37	6,334	5.30	35.65	5,911	4.67	33.65
Hard Clams	27,964	22.28	15.21	23,126	19.34	16.52	21,479	16.95	16.33
Oysters	15,738	12.54	28.05	16,295	13.63	28.61	17,233	13.60	33.29
Shrimp	9,287	7.40	1,026.94	8,079	6.76	1,165.30	7,770	6.13	695.97
Other Shellfish	6,092	4.85	103.51	6,878	5.75	58.13	6,626	5.23	85.25
Total	125,491	100.00	1,703.37	119,590	100.00	2,032.57	126,686	100.00	1,460.43

Annual trips, percent trips, and CPUE for major shellfish species by major gear type from 1994 to 2017 continued.

Year	2010			2011			2012		
Species	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Bay Scallop	5	0.00	40.00	0	0.00	0.00	0	0.00	0.00
Blue Crab, Hard	49,620	39.67	600.45	48,226	42.86	600.60	46,891	41.24	554.29
Blue Crab, Peeler	10,530	8.42	53.96	8,081	7.18	77.26	10,748	9.45	43.62
Blue Crab, Soft	5,621	4.49	57.01	4,308	3.83	103.62	5,812	5.11	55.99
Hard Clams	20,874	16.69	17.00	17,597	15.64	16.79	16,793	14.77	23.61
Oysters	24,612	19.68	42.27	22,641	20.12	35.36	16,534	14.54	26.62
Shrimp	7,861	6.28	757.58	5,359	4.76	959.20	8,922	7.85	688.35
Other Shellfish	5,966	4.77	246.42	6,305	5.60	236.50	8,000	7.04	24.12
Total	125,089	100.00	1,814.70	112,517	100.00	2,029.34	113,700	100.00	1,416.60

Year	2013			2014			2015		
Species	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Bay Scallop	41	0.03	32.60	0	0.00	0.00	0	0.00	0.00
Blue Crab, Hard	46,739	39.15	458.68	51,222	40.69	492.81	52,113	41.43	595.63
Blue Crab, Peeler	13,687	11.46	32.67	14,096	11.20	44.06	13,537	10.76	52.20
Blue Crab, Soft	6,393	5.35	49.65	5,712	4.54	64.30	5,574	4.43	68.24
Hard Clams	16,496	13.82	21.04	19,644	15.60	21.93	21,393	17.01	19.40
Oysters	18,576	15.56	31.58	20,520	16.30	35.47	17,087	13.58	36.93
Shrimp	8,682	7.27	559.65	6,477	5.15	724.24	8,170	6.50	1,112.68
Other Shellfish	8,779	7.35	22.50	8,214	6.53	53.40	7,912	6.29	49.12
Total	119,393	100.00	1,208.37	125,885	100.00	1,436.21	125,786	100.00	1,934.20

Annual trips, percent trips, and CPUE for major shellfish species by major gear type from 1994 to 2017 continued.

Year	2016			2017		
Species	Trips	Percent Trips (%)	CPUE	Trips	Percent Trips (%)	CPUE
Bay Scallop	0	0.00	0.00	0	0.00	0.00
Blue Crab, Hard	46,585	39.40	530.90	37,400	35.67	483.13
Blue Crab, Peeler	12,215	10.33	36.50	9,250	8.82	83.92
Blue Crab, Soft	6,072	5.14	46.90	4,743	4.52	90.19
Hard Clams	20,466	17.31	16.18	19,037	18.15	14.36
Oysters	16,334	13.81	40.03	17,452	16.64	47.96
Shrimp	9,703	8.21	1,359.50	9,517	9.08	1,460.16
Other Shellfish	6,872	5.81	57.96	7,463	7.12	48.11
Total	118,247	100.00	2,087.98	104,862	100.00	2,227.82

Annual landings and percent landings for major finfish species by major gear type from 1994 to 2017.

Year	1994		1995		1996	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bass, Striped	261,900	0.20	446,789	0.38	181,600	0.15
Flounder, Southern	4,878,609	3.74	4,166,966	3.51	3,807,009	3.24
Herring, River	644,334	0.49	453,984	0.38	529,503	0.45
Kingfishes	620,841	0.48	1,058,785	0.89	528,260	0.45
Red Drum	142,169	0.11	248,122	0.21	113,338	0.10
Spotted Seatrout	412,358	0.32	574,296	0.48	226,580	0.19
Striped Mullet	1,726,242	1.32	2,298,446	1.94	1,756,863	1.50
Amberjack	151,984	0.12	171,510	0.14	139,669	0.12
American Eel	95,991	0.07	173,698	0.15	141,592	0.12
Atlantic Croaker	4,615,754	3.54	6,021,284	5.08	9,961,834	8.49
Atlantic Menhaden	73,853,901	56.63	58,374,081	49.20	53,850,943	45.88
Atlantic Spadefish	23,347	0.02	40,873	0.03	55,890	0.05
Bass, Sea	706,111	0.54	493,702	0.42	778,349	0.66
Bluefish	1,782,345	1.37	3,010,742	2.54	3,298,639	2.81
Catfishes	1,276,359	0.98	877,715	0.74	802,420	0.68
Dolphin	160,742	0.12	354,188	0.30	128,586	0.11
Flounder, Summer	3,592,781	2.76	4,582,176	3.86	4,227,052	3.60
Groupers	775,590	0.59	773,507	0.65	651,140	0.55
Herring, Thread	7,252,434	5.56	6,391,228	5.39	6,271,870	5.34
Hog Snapper	19,133	0.01	33,507	0.03	13,841	0.01
Mackerel, King	849,909	0.65	1,013,319	0.85	793,534	0.68
Mackerel, Spanish	531,371	0.41	402,392	0.34	401,839	0.34
Monkfish	336,759	0.26	535,887	0.45	535,092	0.46
Perch, White	213,337	0.16	111,366	0.09	172,879	0.15
Perch, Yellow	67,978	0.05	61,872	0.05	53,828	0.05
Porgies	250,377	0.19	249,062	0.21	237,310	0.20
Scup	306,048	0.23	24,047	0.02	58,861	0.05
Shad Hickory	57,543	0.04	67,569	0.06	187,887	0.16
Shad, American	110,975	0.09	205,867	0.17	199,638	0.17
Shad, Gizzard	229,310	0.18	317,540	0.27	410,963	0.35
Sharks	3,147,137	2.41	2,727,300	2.30	1,871,203	1.59
Sharks, Dogfishes	9,877,658	7.57	9,357,602	7.89	13,673,758	11.65
Snappers	450,221	0.35	403,499	0.34	350,206	0.30
Spot	2,937,311	2.25	3,006,845	2.53	2,290,000	1.95
Swordfish	96,677	0.07	171,299	0.14	194,862	0.17
Tilefishes	231,584	0.18	160,860	0.14	158,586	0.14
Triggerfish	271,503	0.21	304,540	0.26	277,741	0.24
Tunas	1,263,343	0.97	2,148,910	1.81	1,526,784	1.30
Wahoo	20,319	0.02	40,731	0.03	26,675	0.02
Weakfish	3,489,929	2.68	4,113,260	3.47	3,977,633	3.39
Other Finfish	2,674,456	2.05	2,666,861	2.25	2,516,954	2.14
Total	130,406,672	100.00	118,636,226	100.00	117,381,210	100.00

Annual landings and percent landings for major finfish species by major gear type from 1994 to 2017 continued.

Year	1997		1998		1999	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bass, Striped	587,786	0.36	422,869	0.38	588,311	0.68
Flounder, Southern	4,076,793	2.49	3,952,729	3.55	2,933,331	3.41
Herring, River	334,809	0.20	521,930	0.47	443,494	0.52
Kingfishes	872,888	0.53	399,313	0.36	607,465	0.71
Red Drum	52,502	0.03	294,366	0.26	372,942	0.43
Spotted Seatrout	232,497	0.14	307,671	0.28	546,675	0.63
Striped Mullet	2,442,657	1.49	2,218,108	1.99	1,460,850	1.70
Amberjack	178,310	0.11	101,739	0.09	129,245	0.15
American Eel	128,668	0.08	91,084	0.08	99,939	0.12
Atlantic Croaker	10,711,667	6.55	10,865,897	9.75	10,185,507	11.83
Atlantic Menhaden	97,727,057	59.77	57,976,455	52.04	42,799,080	49.71
Atlantic Spadefish	57,384	0.04	38,994	0.04	34,320	0.04
Bass, Sea	766,841	0.47	743,243	0.67	613,577	0.71
Bluefish	4,003,160	2.45	2,925,929	2.63	2,761,084	3.21
Catfishes	1,031,144	0.63	910,154	0.82	731,283	0.85
Dolphin	229,791	0.14	149,990	0.13	209,488	0.24
Flounder, Summer	1,501,171	0.92	2,983,107	2.68	2,869,055	3.33
Groupers	719,618	0.44	745,679	0.67	758,093	0.88
Herring, Thread	13,278,060	8.12	6,586,500	5.91	9	0.00
Hog Snapper	14,010	0.01	12,037	0.01	12,405	0.01
Mackerel, King	1,558,439	0.95	1,143,342	1.03	1,082,693	1.26
Mackerel, Spanish	766,958	0.47	372,415	0.33	459,100	0.53
Monkfish	704,036	0.43	686,715	0.62	599,538	0.70
Perch, White	123,040	0.08	142,672	0.13	353,246	0.41
Perch, Yellow	76,740	0.05	79,313	0.07	113,545	0.13
Porgies	188,885	0.12	183,885	0.17	77,137	0.09
Scup	1,365	0.00	14,885	0.01	***	***
Shad Hickory	138,228	0.08	93,504	0.08	112,140	0.13
Shad, American	219,526	0.13	327,556	0.29	131,617	0.15
Shad, Gizzard	253,667	0.16	230,094	0.21	205,656	0.24
Sharks	1,487,669	0.91	1,167,236	1.05	1,666,655	1.94
Sharks, Dogfishes	8,135,923	4.98	5,451,610	4.89	4,224,232	4.91
Snappers	366,482	0.22	352,020	0.32	441,783	0.51
Spot	2,627,925	1.61	2,396,979	2.15	2,262,175	2.63
Swordfish	176,266	0.11	265,064	0.24	611,029	0.71
Tilefishes	149,402	0.09	67,770	0.06	76,697	0.09
Triggerfish	342,134	0.21	274,641	0.25	150,387	0.17
Tunas	1,277,938	0.78	1,064,415	0.96	1,126,551	1.31
Wahoo	20,628	0.01	22,600	0.02	28,963	0.03
Weakfish	3,561,060	2.18	3,354,008	3.01	2,617,580	3.04
Other Finfish	2,391,124	1.46	1,468,797	1.32	1,595,868	1.85
Total	163,514,248	100.00	111,407,313	100.00	86,092,741	100.00

Annual landings and percent landings for major finfish species by major gear type from 1994 to 2017 continued.

Year	2000		2001		2002	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bass, Striped	407,440	0.40	626,052	0.64	701,459	0.63
Flounder, Southern	3,205,792	3.14	3,522,136	3.59	3,436,753	3.10
Herring, River	332,336	0.33	306,761	0.31	174,830	0.16
Kingfishes	551,940	0.54	489,743	0.50	619,737	0.56
Red Drum	270,953	0.27	149,616	0.15	81,370	0.07
Spotted Seatrout	376,574	0.37	105,714	0.11	175,555	0.16
Striped Mullet	2,829,086	2.77	2,317,655	2.36	2,596,304	2.34
Amberjack	127,116	0.12	121,966	0.12	120,644	0.11
American Eel	127,099	0.12	107,070	0.11	59,940	0.05
Atlantic Croaker	10,122,627	9.92	12,017,424	12.26	10,189,153	9.18
Atlantic Menhaden	56,280,112	55.14	56,012,396	57.13	69,190,596	62.37
Atlantic Spadefish	46,235	0.05	41,994	0.04	38,400	0.03
Bass, Sea	567,385	0.56	644,840	0.66	592,260	0.53
Bluefish	3,368,610	3.30	4,066,000	4.15	2,323,964	2.09
Catfishes	879,447	0.86	564,183	0.58	367,665	0.33
Dolphin	197,259	0.19	160,546	0.16	168,429	0.15
Flounder, Summer	3,386,578	3.32	2,784,741	2.84	4,129,119	3.72
Groupers	636,962	0.62	558,634	0.57	699,614	0.63
Herring, Thread	707,541	0.69	0	0.00	2,889,740	2.60
Hog Snapper	7,727	0.01	8,203	0.01	10,637	0.01
Mackerel, King	1,045,554	1.02	839,107	0.86	778,427	0.70
Mackerel, Spanish	659,426	0.65	653,673	0.67	698,448	0.63
Monkfish	745,164	0.73	208,413	0.21	278,608	0.25
Perch, White	202,192	0.20	244,817	0.25	280,860	0.25
Perch, Yellow	94,085	0.09	90,527	0.09	78,828	0.07
Porgies	23,727	0.02	56,415	0.06	64,219	0.06
Scup	0	0.00	0	0.00	***	***
Shad Hickory	92,564	0.09	172,236	0.18	51,158	0.05
Shad, American	297,990	0.29	151,075	0.15	274,657	0.25
Shad, Gizzard	287,453	0.28	245,261	0.25	227,459	0.21
Sharks	1,460,709	1.43	1,139,068	1.16	1,707,186	1.54
Sharks, Dogfishes	3,885,221	3.81	510,756	0.52	341,722	0.31
Snappers	510,897	0.50	523,742	0.53	490,591	0.44
Spot	2,829,818	2.77	3,093,872	3.16	2,184,032	1.97
Swordfish	414,801	0.41	596,178	0.61	480,948	0.43
Tilefishes	85,467	0.08	106,674	0.11	220,331	0.20
Triggerfish	88,277	0.09	87,628	0.09	90,934	0.08
Tunas	1,727,787	1.69	1,729,572	1.76	1,015,421	0.92
Wahoo	19,905	0.02	20,503	0.02	19,952	0.02
Weakfish	1,869,042	1.83	1,960,324	2.00	1,828,150	1.65
Other Finfish	1,291,394	1.27	1,011,086	1.03	1,259,672	1.14
Total	102,060,290	100.00	98,046,600	100.00	110,917,089	100.00

Annual landings and percent landings for major finfish species by major gear type from 1994 to 2017 continued.

Year	2003		2004		2005	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bass, Striped	565,919	0.64	911,399	1.00	864,289	1.75
Flounder, Southern	2,198,503	2.48	2,454,577	2.69	1,870,754	3.78
Herring, River	199,716	0.23	188,541	0.21	250,021	0.51
Kingfishes	652,636	0.74	567,659	0.62	296,263	0.60
Red Drum	90,525	0.10	54,086	0.06	128,770	0.26
Spotted Seatrout	181,462	0.20	130,961	0.14	129,855	0.26
Striped Mullet	1,629,314	1.84	1,598,617	1.75	1,620,394	3.28
Amberjack	135,991	0.15	106,507	0.12	122,361	0.25
American Eel	172,065	0.19	128,875	0.14	49,278	0.10
Atlantic Croaker	14,429,197	16.27	11,993,003	13.12	11,903,292	24.08
Atlantic Menhaden	48,936,502	55.19	50,577,983	55.35	13,387,423	27.08
Atlantic Spadefish	28,519	0.03	44,521	0.05	35,445	0.07
Bass, Sea	850,550	0.96	881,360	0.96	690,424	1.40
Bluefish	3,470,100	3.91	3,762,944	4.12	2,837,661	5.74
Catfishes	385,888	0.44	414,694	0.45	401,516	0.81
Dolphin	186,262	0.21	255,805	0.28	139,761	0.28
Flounder, Summer	3,572,448	4.03	4,844,126	5.30	4,064,464	8.22
Groupers	651,984	0.74	584,916	0.64	579,277	1.17
Herring, Thread	4	0.00	0	0.00	7,489	0.02
Hog Snapper	9,135	0.01	8,902	0.01	7,877	0.02
Mackerel, King	764,831	0.86	955,002	1.05	1,246,088	2.52
Mackerel, Spanish	456,784	0.52	456,242	0.50	446,001	0.90
Monkfish	335,338	0.38	386,821	0.42	90,099	0.18
Perch, White	498,133	0.56	218,067	0.24	178,146	0.36
Perch, Yellow	98,783	0.11	39,785	0.04	23,254	0.05
Porgies	40,626	0.05	37,268	0.04	38,423	0.08
Scup	143,004	0.16	523,554	0.57	352,422	0.71
Shad Hickory	68,938	0.08	187,463	0.21	173,927	0.35
Shad, American	395,251	0.45	270,245	0.30	189,462	0.38
Shad, Gizzard	152,010	0.17	96,060	0.11	82,963	0.17
Sharks	1,274,163	1.44	1,079,817	1.18	1,175,544	2.38
Sharks, Dogfishes	373,078	0.42	1,146,273	1.25	666,443	1.35
Snappers	269,230	0.30	339,453	0.37	432,829	0.88
Spot	2,043,387	2.30	2,317,169	2.54	1,714,597	3.47
Swordfish	630,874	0.71	604,095	0.66	609,200	1.23
Tilefishes	87,102	0.10	78,126	0.09	44,014	0.09
Triggerfish	117,396	0.13	136,211	0.15	145,639	0.29
Tunas	941,051	1.06	1,436,789	1.57	1,282,284	2.59
Wahoo	17,222	0.02	22,006	0.02	14,980	0.03
Weakfish	848,822	0.96	685,463	0.75	421,984	0.85
Other Finfish	769,349	0.87	856,324	0.94	718,571	1.45
Total	88,672,089	100.00	91,381,709	100.00	49,433,481	100.00

Annual landings and percent landings for major finfish species by major gear type from 1994 to 2017 continued.

Year	2006		2007		2008	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bass, Striped	281,736	0.79	576,157	1.89	373,445	1.35
Flounder, Southern	2,287,823	6.42	2,083,043	6.85	2,602,390	9.42
Herring, River	109,847	0.31	1,103	0.00	1,292	0.00
Kingfishes	559,440	1.57	817,588	2.69	921,120	3.33
Red Drum	169,206	0.47	243,658	0.80	229,809	0.83
Spotted Seatrout	312,624	0.88	374,722	1.23	304,430	1.10
Striped Mullet	1,728,607	4.85	1,668,804	5.49	1,675,859	6.07
Amberjack	101,722	0.29	133,519	0.44	160,769	0.58
American Eel	33,581	0.09	37,937	0.12	23,833	0.09
Atlantic Croaker	10,396,554	29.17	7,271,162	23.91	5,791,766	20.97
Atlantic Menhaden	962,651	2.70	1,134,208	3.73	645,231	2.34
Atlantic Spadefish	19,623	0.06	19,567	0.06	11,694	0.04
Bass, Sea	778,230	2.18	474,297	1.56	484,892	1.76
Bluefish	2,791,187	7.83	2,329,718	7.66	1,930,391	6.99
Catfishes	429,948	1.21	475,217	1.56	361,456	1.31
Dolphin	159,452	0.45	369,472	1.21	289,548	1.05
Flounder, Summer	3,981,413	11.17	2,670,110	8.78	2,406,603	8.71
Groupers	708,870	1.99	827,794	2.72	785,612	2.84
Herring, Thread	26	0.00	0	0.00	0	0.00
Hog Snapper	7,296	0.02	7,112	0.02	13,035	0.05
Mackerel, King	1,185,534	3.33	1,059,107	3.48	1,036,852	3.75
Mackerel, Spanish	470,662	1.32	487,879	1.60	415,405	1.50
Monkfish	164,953	0.46	153,346	0.50	109,102	0.39
Perch, White	156,426	0.44	174,494	0.57	398,307	1.44
Perch, Yellow	34,599	0.10	45,698	0.15	43,507	0.16
Porgies	53,071	0.15	86,449	0.28	105,873	0.38
Scup	140,062	0.39	66,979	0.22	205,868	0.75
Shad Hickory	55,012	0.15	37,189	0.12	66,883	0.24
Shad, American	184,710	0.52	298,597	0.98	118,855	0.43
Shad, Gizzard	66,808	0.19	84,998	0.28	58,933	0.21
Sharks	835,415	2.34	348,717	1.15	468,869	1.70
Sharks, Dogfishes	621,821	1.74	788,449	2.59	985,001	3.57
Snappers	345,071	0.97	550,617	1.81	602,838	2.18
Spot	1,364,743	3.83	879,091	2.89	736,484	2.67
Swordfish	615,877	1.73	645,396	2.12	444,559	1.61
Tilefishes	138,090	0.39	58,218	0.19	404,295	1.46
Triggerfish	126,354	0.35	155,261	0.51	198,724	0.72
Tunas	1,991,550	5.59	1,852,257	6.09	1,062,410	3.85
Wahoo	16,426	0.05	24,306	0.08	11,643	0.04
Weakfish	363,086	1.02	175,593	0.58	162,516	0.59
Other Finfish	893,086	2.51	927,630	3.05	970,964	3.52
Total	35,643,190	100.00	30,415,458	100.00	27,621,065	100.00

Annual landings and percent landings for major finfish species by major gear type from 1994 to 2017 continued.

Year	2009		2010		2011	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bass, Striped	310,604	0.96	500,152	1.54	410,685	1.38
Flounder, Southern	2,396,240	7.41	1,689,557	5.20	1,247,450	4.19
Herring, River	643	0.00	1,765	0.01	1,611	0.01
Kingfishes	721,924	2.23	886,841	2.73	486,853	1.64
Red Drum	200,296	0.62	231,828	0.71	91,980	0.31
Spotted Seatrout	320,247	0.99	202,647	0.62	75,239	0.25
Striped Mullet	1,685,615	5.21	2,082,832	6.41	1,627,894	5.47
Amberjack	153,099	0.47	128,466	0.40	72,797	0.24
American Eel	65,481	0.20	122,104	0.38	61,960	0.21
Atlantic Croaker	6,135,437	18.98	7,312,159	22.50	5,054,186	17.00
Atlantic Menhaden	2,124,734	6.57	1,299,150	4.00	3,530,003	11.87
Atlantic Spadefish	20,636	0.06	18,827	0.06	21,535	0.07
Bass, Sea	615,179	1.90	401,489	1.24	272,280	0.92
Bluefish	2,360,081	7.30	3,216,030	9.90	1,897,471	6.38
Catfishes	412,122	1.27	354,892	1.09	444,445	1.49
Dolphin	611,962	1.89	239,551	0.74	94,210	0.32
Flounder, Summer	2,859,039	8.84	3,310,992	10.19	2,854,122	9.60
Groupers	637,465	1.97	561,926	1.73	408,518	1.37
Herring, Thread	0	0.00	0	0.00	18,303	0.06
Hog Snapper	10,839	0.03	13,046	0.04	10,793	0.04
Mackerel, King	777,585	2.41	328,806	1.01	408,162	1.37
Mackerel, Spanish	961,811	2.97	911,866	2.81	871,217	2.93
Monkfish	99,549	0.31	47,305	0.15	38,892	0.13
Perch, White	376,820	1.17	200,501	0.62	245,636	0.83
Perch, Yellow	66,949	0.21	57,027	0.18	27,838	0.09
Porgies	91,922	0.28	80,105	0.25	89,612	0.30
Scup	244,337	0.76	102,853	0.32	308,907	1.04
Shad Hickory	86,773	0.27	108,352	0.33	85,226	0.29
Shad, American	167,314	0.52	232,326	0.71	203,755	0.69
Shad, Gizzard	73,232	0.23	87,340	0.27	101,025	0.34
Sharks	447,405	1.38	629,421	1.94	584,238	1.96
Sharks, Dogfishes	2,637,512	8.16	3,323,280	10.23	3,799,175	12.78
Snappers	374,081	1.16	320,260	0.99	326,371	1.10
Spot	1,006,500	3.11	572,315	1.76	936,970	3.15
Swordfish	502,884	1.56	629,933	1.94	803,725	2.70
Tilefishes	469,293	1.45	430,394	1.32	133,824	0.45
Triggerfish	215,759	0.67	225,682	0.69	220,204	0.74
Tunas	1,048,741	3.24	719,702	2.21	1,071,504	3.60
Wahoo	16,397	0.05	12,626	0.04	15,870	0.05
Weakfish	163,148	0.50	106,328	0.33	65,998	0.22
Other Finfish	860,593	2.66	797,142	2.45	718,611	2.42
Total	32,330,247	100.00	32,497,821	100.00	29,739,093	100.00

Annual landings and percent landings for major finfish species by major gear type from 1994 to 2017 continued.

Year	2012		2013		2014	
Species	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)	Landings (lb)	Percent Landings (%)
Bass, Striped	144,555	0.64	96,935	0.44	96,233	0.33
Flounder, Southern	1,646,137	7.24	2,186,391	9.94	1,673,511	5.68
Herring, River	678	0.00	743	0.00	1,139	0.00
Kingfishes	596,249	2.62	603,186	2.74	955,071	3.24
Red Drum	66,519	0.29	371,949	1.69	90,647	0.31
Spotted Seatrout	265,016	1.17	367,648	1.67	242,245	0.82
Striped Mullet	1,859,587	8.18	1,549,157	7.04	1,828,351	6.21
Amberjack	124,325	0.55	90,122	0.41	192,994	0.66
American Eel	64,110	0.28	33,980	0.15	60,755	0.21
Atlantic Croaker	3,106,616	13.66	1,927,938	8.76	2,629,908	8.93
Atlantic Menhaden	538,792	2.37	454,206	2.06	917,375	3.11
Atlantic Spadefish	24,238	0.11	20,369	0.09	22,761	0.08
Bass, Sea	256,007	1.13	329,691	1.50	529,075	1.80
Bluefish	758,858	3.34	1,159,580	5.27	2,019,279	6.86
Catfishes	489,492	2.15	548,913	2.49	521,540	1.77
Dolphin	249,020	1.10	178,035	0.81	422,496	1.43
Flounder, Summer	1,090,218	4.80	541,542	2.46	2,911,750	9.89
Groupers	382,101	1.68	311,210	1.41	300,017	1.02
Herring, Thread	15,037	0.07	33,913	0.15	34,909	0.12
Hog Snapper	8,256	0.04	7,847	0.04	9,767	0.03
Mackerel, King	297,423	1.31	345,177	1.57	549,981	1.87
Mackerel, Spanish	916,439	4.03	620,752	2.82	673,974	2.29
Monkfish	21,649	0.10	10,566	0.05	76,392	0.26
Perch, White	189,448	0.83	275,652	1.25	172,486	0.59
Perch, Yellow	20,511	0.09	31,481	0.14	67,454	0.23
Porgies	81,532	0.36	70,942	0.32	78,265	0.27
Scup	3,954	0.02	28,691	0.13	160,508	0.54
Shad Hickory	65,689	0.29	71,772	0.33	109,420	0.37
Shad, American	235,795	1.04	257,348	1.17	193,117	0.66
Shad, Gizzard	123,813	0.54	112,295	0.51	114,594	0.39
Sharks	701,876	3.09	553,665	2.52	1,005,858	3.41
Sharks, Dogfishes	3,709,215	16.32	3,794,011	17.24	6,149,189	20.88
Snappers	279,368	1.23	276,533	1.26	251,087	0.85
Spot	489,678	2.15	768,592	3.49	766,224	2.60
Swordfish	903,178	3.97	1,058,089	4.81	694,911	2.36
Tilefishes	361,094	1.59	217,079	0.99	91,074	0.31
Triggerfish	143,114	0.63	160,861	0.73	116,782	0.40
Tunas	1,493,530	6.57	1,295,062	5.89	1,662,737	5.64
Wahoo	23,521	0.10	23,380	0.11	22,783	0.08
Weakfish	91,384	0.40	120,191	0.55	105,246	0.36
Other Finfish	896,313	3.94	1,097,657	4.99	934,267	3.17
Total	22,734,334	100.00	22,003,149	100.00	29,456,169	100.00

Annual ex-vessel value and percent value for major finfish species by from 1994 to 2017 continued.

Year	1994		1995		1996	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bass, Striped	353,565	0.95	606,529	1.33	220,945	0.52
Flounder, Southern	8,044,845	21.55	7,611,412	16.67	7,235,817	16.90
Herring, River	100,999	0.27	134,934	0.30	132,389	0.31
Kingfishes	424,307	1.14	746,603	1.64	470,545	1.10
Red Drum	102,362	0.27	223,310	0.49	112,881	0.26
Spotted Seatrout	492,461	1.32	634,061	1.39	252,404	0.59
Striped Mullet	1,058,691	2.84	1,944,319	4.26	1,091,892	2.55
Amberjack	74,522	0.20	85,764	0.19	63,942	0.15
American Eel	175,664	0.47	366,503	0.80	247,786	0.58
Atlantic Croaker	1,451,056	3.89	2,002,297	4.39	3,642,602	8.51
Atlantic Menhaden	3,178,605	8.52	3,560,953	7.80	4,858,471	11.35
Atlantic Spadefish	3,969	0.01	8,175	0.02	13,497	0.03
Bass, Sea	772,545	2.07	597,057	1.31	998,132	2.33
Bluefish	542,228	1.45	1,078,917	2.36	861,547	2.01
Catfishes	284,725	0.76	230,200	0.50	238,016	0.56
Dolphin	243,740	0.65	573,863	1.26	215,423	0.50
Flounder, Summer	5,852,930	15.68	8,190,341	17.94	6,784,624	15.85
Groupers	1,570,180	4.21	1,530,005	3.35	1,350,887	3.16
Herring, Thread	362,803	0.97	447,386	0.98	439,031	1.03
Hog Snapper	33,393	0.09	55,964	0.12	23,864	0.06
Mackerel, King	1,267,066	3.39	1,589,704	3.48	1,271,857	2.97
Mackerel, Spanish	247,003	0.66	216,116	0.47	204,507	0.48
Monkfish	204,536	0.55	421,834	0.92	432,712	1.01
Perch, White	166,773	0.45	75,348	0.17	124,218	0.29
Perch, Yellow	55,063	0.15	40,837	0.09	42,360	0.10
Porgies	256,417	0.69	263,535	0.58	265,183	0.62
Scup	114,726	0.31	9,865	0.02	19,824	0.05
Shad Hickory	17,263	0.05	19,301	0.04	40,326	0.09
Shad, American	95,703	0.26	188,541	0.41	172,104	0.40
Shad, Gizzard	11,466	0.03	19,052	0.04	26,546	0.06
Sharks	1,490,036	3.99	1,146,157	2.51	771,563	1.80
Sharks, Dogfishes	1,013,669	2.72	1,553,086	3.40	2,228,922	5.21
Snappers	1,012,178	2.71	931,144	2.04	763,999	1.78
Spot	980,536	2.63	932,122	2.04	866,053	2.02
Swordfish	292,410	0.78	517,858	1.13	484,105	1.13
Tilefishes	335,292	0.90	228,295	0.50	229,734	0.54
Triggerfish	187,337	0.50	216,211	0.47	210,942	0.49
Tunas	1,894,566	5.08	3,555,023	7.79	2,268,042	5.30
Wahoo	41,718	0.11	84,675	0.19	53,364	0.12
Weakfish	1,917,948	5.14	2,165,276	4.74	2,304,415	5.38
Other Finfish	602,270	1.61	854,641	1.87	770,699	1.80
Total	37,327,560	100.00	45,657,213	100.00	42,806,170	100.00

Annual ex-vessel value and percent value for major finfish species by from 1994 to 2017 continued.

Year	1997		1998		1999	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bass, Striped	711,091	1.54	520,039	1.35	724,844	2.08
Flounder, Southern	7,981,377	17.24	7,118,989	18.44	5,154,205	14.82
Herring, River	128,988	0.28	202,437	0.52	180,874	0.52
Kingfishes	864,030	1.87	414,315	1.07	621,078	1.79
Red Drum	56,939	0.12	288,397	0.75	398,282	1.15
Spotted Seatrout	283,425	0.61	380,724	0.99	670,460	1.93
Striped Mullet	1,777,617	3.84	1,061,430	2.75	838,924	2.41
Amberjack	107,052	0.23	60,263	0.16	78,239	0.22
American Eel	327,032	0.71	231,505	0.60	134,085	0.39
Atlantic Croaker	4,116,446	8.89	3,449,817	8.93	3,119,798	8.97
Atlantic Menhaden	8,794,202	19.00	4,121,667	10.67	2,680,633	7.71
Atlantic Spadefish	13,321	0.03	13,369	0.03	9,536	0.03
Bass, Sea	1,124,023	2.43	1,099,982	2.85	1,078,908	3.10
Bluefish	1,166,023	2.52	763,583	1.98	877,734	2.52
Catfishes	282,601	0.61	230,009	0.60	206,169	0.59
Dolphin	347,270	0.75	238,611	0.62	343,808	0.99
Flounder, Summer	2,828,186	6.11	5,418,829	14.03	5,011,482	14.41
Groupers	1,548,103	3.34	1,648,007	4.27	1,629,842	4.69
Herring, Thread	1,195,025	2.58	559,853	1.45	1	0.00
Hog Snapper	26,297	0.06	22,166	0.06	21,712	0.06
Mackerel, King	2,375,084	5.13	1,749,357	4.53	1,695,944	4.88
Mackerel, Spanish	474,882	1.03	261,973	0.68	265,834	0.76
Monkfish	446,669	0.96	478,014	1.24	654,846	1.88
Perch, White	97,913	0.21	116,945	0.30	263,296	0.76
Perch, Yellow	66,146	0.14	70,303	0.18	102,646	0.30
Porgies	239,501	0.52	240,149	0.62	92,189	0.27
Scup	761	0.00	8,140	0.02	1	0.00
Shad Hickory	17,405	0.04	18,312	0.05	20,769	0.06
Shad, American	149,203	0.32	233,761	0.61	108,145	0.31
Shad, Gizzard	16,657	0.04	18,746	0.05	13,097	0.04
Sharks	512,328	1.11	409,568	1.06	704,666	2.03
Sharks, Dogfishes	1,083,374	2.34	744,243	1.93	619,912	1.78
Snappers	872,983	1.89	851,508	2.21	1,067,328	3.07
Spot	1,155,343	2.50	1,001,659	2.59	1,001,980	2.88
Swordfish	458,988	0.99	666,673	1.73	1,044,237	3.00
Tilefishes	177,223	0.38	89,593	0.23	67,734	0.19
Triggerfish	257,514	0.56	201,113	0.52	110,496	0.32
Tunas	1,490,572	3.22	1,376,822	3.57	1,257,270	3.62
Wahoo	45,190	0.10	47,861	0.12	58,314	0.17
Weakfish	1,869,620	4.04	1,698,336	4.40	1,390,987	4.00
Other Finfish	808,922	1.75	489,484	1.27	453,805	1.31
Total	46,295,327	100.00	38,616,550	100.00	34,774,113	100.00

Annual ex-vessel value and percent value for major finfish species by from 1994 to 2017 continued.

Year	2000		2001		2002	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bass, Striped	471,837	1.19	773,102	2.14	855,457	2.30
Flounder, Southern	5,660,767	14.30	5,690,481	15.77	5,165,017	13.86
Herring, River	126,685	0.32	118,546	0.33	65,712	0.18
Kingfishes	520,965	1.32	501,999	1.39	603,854	1.62
Red Drum	294,871	0.74	170,548	0.47	89,199	0.24
Spotted Seatrout	467,122	1.18	134,848	0.37	213,668	0.57
Striped Mullet	1,602,702	4.05	1,181,912	3.28	1,251,676	3.36
Amberjack	82,065	0.21	64,071	0.18	69,982	0.19
American Eel	176,576	0.45	122,416	0.34	83,517	0.22
Atlantic Croaker	2,986,816	7.54	3,080,205	8.54	3,233,402	8.68
Atlantic Menhaden	3,495,744	8.83	4,551,445	12.61	5,045,407	13.54
Atlantic Spadefish	12,888	0.03	11,579	0.03	7,757	0.02
Bass, Sea	973,041	2.46	1,063,189	2.95	878,251	2.36
Bluefish	1,104,129	2.79	1,091,020	3.02	776,570	2.08
Catfishes	268,895	0.68	153,609	0.43	95,257	0.26
Dolphin	306,688	0.77	220,795	0.61	243,510	0.65
Flounder, Summer	5,991,402	15.13	4,451,356	12.34	6,106,076	16.38
Groupers	1,420,442	3.59	1,255,403	3.48	1,584,626	4.25
Herring, Thread	42,452	0.11	0	0.00	231,179	0.62
Hog Snapper	14,852	0.04	15,666	0.04	20,309	0.05
Mackerel, King	1,655,894	4.18	1,353,511	3.75	1,177,216	3.16
Mackerel, Spanish	499,446	1.26	524,263	1.45	617,860	1.66
Monkfish	966,739	2.44	232,017	0.64	232,940	0.63
Perch, White	139,704	0.35	159,075	0.44	161,260	0.43
Perch, Yellow	98,297	0.25	87,596	0.24	76,482	0.21
Porgies	24,753	0.06	62,303	0.17	62,411	0.17
Scup	0	0	0	0	9,048	0.02
Shad Hickory	14,502	0.04	52,166	0.14	8,286	0.02
Shad, American	213,010	0.54	94,373	0.26	174,142	0.47
Shad, Gizzard	20,122	0.05	12,263	0.03	9,298	0.02
Sharks	548,830	1.39	520,162	1.44	869,823	2.33
Sharks, Dogfishes	678,308	1.71	125,925	0.35	101,358	0.27
Snappers	1,281,042	3.24	1,219,289	3.38	1,186,998	3.19
Spot	1,172,231	2.96	1,278,327	3.54	931,528	2.50
Swordfish	937,555	2.37	1,313,372	3.64	935,892	2.51
Tilefishes	98,130	0.25	99,198	0.27	221,262	0.59
Triggerfish	84,106	0.21	82,532	0.23	84,599	0.23
Tunas	3,414,429	8.62	2,599,881	7.20	2,169,542	5.82
Wahoo	46,475	0.12	41,714	0.12	38,298	0.10
Weakfish	1,089,958	2.75	1,037,169	2.87	1,051,137	2.82
Other Finfish	588,694	1.49	538,480	1.49	527,012	1.41
Total	39,593,160	100.00	36,085,805	100.00	37,266,815	100.00

Annual ex-vessel value and percent value for major finfish species by from 1994 to 2017 continued.

Year	2003		2004		2005	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bass, Striped	717,981	2.13	1,160,540	2.98	1,673,068	4.79
Flounder, Southern	3,661,597	10.85	3,880,410	9.97	3,462,308	9.92
Herring, River	88,862	0.26	80,694	0.21	128,834	0.37
Kingfishes	644,920	1.91	492,452	1.27	271,731	0.78
Red Drum	105,671	0.31	69,753	0.18	173,040	0.50
Spotted Seatrout	243,394	0.72	172,033	0.44	173,867	0.50
Striped Mullet	779,570	2.31	721,855	1.86	801,181	2.30
Amberjack	84,218	0.25	63,415	0.16	72,800	0.21
American Eel	267,300	0.79	270,986	0.70	106,769	0.31
Atlantic Croaker	2,923,946	8.67	3,527,983	9.07	3,408,527	9.77
Atlantic Menhaden	3,943,814	11.69	4,532,534	11.65	1,223,195	3.51
Atlantic Spadefish	3,775	0.01	10,284	0.03	9,059	0.03
Bass, Sea	1,416,659	4.20	1,486,300	3.82	1,332,624	3.82
Bluefish	767,566	2.27	849,302	2.18	790,316	2.26
Catfishes	99,695	0.30	100,507	0.26	91,165	0.26
Dolphin	329,370	0.98	452,590	1.16	258,625	0.74
Flounder, Summer	6,009,296	17.81	7,619,934	19.59	7,500,273	21.49
Groupers	1,535,751	4.55	1,391,451	3.58	1,474,131	4.22
Herring, Thread	0	0.00	0	0.00	3,195	0.01
Hog Snapper	19,263	0.06	18,811	0.05	18,127	0.05
Mackerel, King	1,214,205	3.60	1,572,583	4.04	2,053,692	5.89
Mackerel, Spanish	418,064	1.24	526,015	1.35	586,845	1.68
Monkfish	314,344	0.93	372,198	0.96	86,084	0.25
Perch, White	292,690	0.87	122,661	0.32	108,855	0.31
Perch, Yellow	98,534	0.29	37,976	0.10	28,488	0.08
Porgies	45,088	0.13	42,253	0.11	41,619	0.12
Scup	75,453	0.22	332,019	0.85	156,920	0.45
Shad Hickory	18,543	0.05	32,329	0.08	39,695	0.11
Shad, American	251,532	0.75	180,304	0.46	203,334	0.58
Shad, Gizzard	16,542	0.05	2,409	0.01	4,148	0.01
Sharks	665,837	1.97	583,701	1.50	610,086	1.75
Sharks, Dogfishes	110,487	0.33	185,935	0.48	187,148	0.54
Snappers	687,027	2.04	873,299	2.24	1,116,056	3.20
Spot	910,301	2.70	1,068,031	2.75	905,072	2.59
Swordfish	1,799,063	5.33	1,508,281	3.88	1,508,598	4.32
Tilefishes	96,556	0.29	134,695	0.35	52,576	0.15
Triggerfish	123,681	0.37	147,096	0.38	162,533	0.47
Tunas	2,007,154	5.95	3,331,817	8.56	3,328,019	9.54
Wahoo	42,380	0.13	50,026	0.13	32,814	0.09
Weakfish	532,904	1.58	488,894	1.26	357,271	1.02
Other Finfish	379,305	1.12	409,709	1.05	353,179	1.01
Total	33,742,337	100.00	38,904,066	100.00	34,895,868	100.00

Annual ex-vessel value and percent value for major finfish species by from 1994 to 2017 continued.

Year	2006		2007		2008	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bass, Striped	680,902	1.81	1,238,523	3.42	822,556	2.39
Flounder, Southern	4,850,300	12.88	4,970,881	13.73	5,650,295	16.42
Herring, River	84,276	0.22	856	0.00	775	0.00
Kingfishes	550,566	1.46	795,412	2.20	815,149	2.37
Red Drum	232,818	0.62	354,400	0.98	352,426	1.02
Spotted Seatrout	410,701	1.09	524,465	1.45	466,588	1.36
Striped Mullet	977,756	2.60	721,171	1.99	672,108	1.95
Amberjack	65,811	0.17	93,910	0.26	110,236	0.32
American Eel	70,893	0.19	73,977	0.20	53,624	0.16
Atlantic Croaker	3,562,502	9.46	2,714,046	7.50	3,141,877	9.13
Atlantic Menhaden	147,779	0.39	139,183	0.38	70,339	0.20
Atlantic Spadefish	6,851	0.02	6,939	0.02	3,293	0.01
Bass, Sea	1,715,625	4.55	1,195,325	3.30	1,155,772	3.36
Bluefish	815,645	2.17	700,707	1.94	707,749	2.06
Catfishes	121,288	0.32	129,282	0.36	91,752	0.27
Dolphin	307,239	0.82	726,111	2.01	573,364	1.67
Flounder, Summer	8,449,646	22.43	6,363,870	17.58	5,236,001	15.21
Groupers	1,905,580	5.06	2,394,376	6.62	2,274,465	6.61
Herring, Thread	18	0.00	0	0.00	0	0.00
Hog Snapper	16,717	0.04	17,072	0.05	34,731	0.10
Mackerel, King	2,120,138	5.63	1,967,079	5.44	1,631,665	4.74
Mackerel, Spanish	617,689	1.64	731,076	2.02	545,300	1.58
Monkfish	176,908	0.47	188,124	0.52	127,688	0.37
Perch, White	124,299	0.33	130,426	0.36	318,802	0.93
Perch, Yellow	34,815	0.09	58,012	0.16	49,763	0.14
Porgies	61,715	0.16	104,244	0.29	134,119	0.39
Scup	96,932	0.26	42,756	0.12	164,204	0.48
Shad Hickory	10,677	0.03	8,046	0.02	11,689	0.03
Shad, American	200,769	0.53	279,163	0.77	168,652	0.49
Shad, Gizzard	2,672	0.01	2,550	0.01	1,768	0.01
Sharks	373,881	0.99	170,201	0.47	210,848	0.61
Sharks, Dogfishes	180,262	0.48	221,379	0.61	291,577	0.85
Snappers	953,292	2.53	1,601,228	4.42	1,784,321	5.18
Spot	998,047	2.65	612,679	1.69	454,115	1.32
Swordfish	1,500,495	3.98	1,769,054	4.89	1,133,936	3.29
Tilefishes	186,677	0.50	87,888	0.24	659,213	1.92
Triggerfish	146,634	0.39	186,141	0.51	283,028	0.82
Tunas	4,070,818	10.81	4,066,942	11.24	3,419,059	9.93
Wahoo	37,879	0.10	55,644	0.15	27,068	0.08
Weakfish	310,706	0.82	149,206	0.41	142,545	0.41
Other Finfish	491,711	1.31	600,231	1.66	627,418	1.82
Total	37,669,932	100.00	36,192,576	100.00	34,419,876	100.00

Annual ex-vessel value and percent value for major finfish species by from 1994 to 2017 continued.

Year	2009		2010		2011	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bass, Striped	747,308	2.20	1,221,524	3.66	1,164,426	3.72
Flounder, Southern	4,609,932	13.57	3,695,889	11.08	2,753,128	8.80
Herring, River	836	0.00	1,765	0.01	1,611	0.01
Kingfishes	789,000	2.32	958,377	2.87	520,413	1.66
Red Drum	325,625	0.96	421,781	1.26	166,966	0.53
Spotted Seatrout	528,985	1.56	354,077	1.06	144,596	0.46
Striped Mullet	715,265	2.10	1,002,468	3.00	1,015,852	3.25
Amberjack	104,982	0.31	95,442	0.29	62,822	0.20
American Eel	154,536	0.45	351,048	1.05	123,920	0.40
Atlantic Croaker	3,003,861	8.84	3,409,671	10.22	3,164,034	10.12
Atlantic Menhaden	229,648	0.68	111,554	0.33	336,531	1.08
Atlantic Spadefish	6,520	0.02	6,116	0.02	6,839	0.02
Bass, Sea	1,401,506	4.12	947,900	2.84	627,825	2.01
Bluefish	782,598	2.30	1,129,691	3.39	848,355	2.71
Catfishes	77,709	0.23	64,316	0.19	85,039	0.27
Dolphin	1,030,145	3.03	492,270	1.48	244,752	0.78
Flounder, Summer	5,513,799	16.22	7,212,191	21.61	6,136,614	19.62
Groupers	1,878,731	5.53	1,730,542	5.19	1,463,026	4.68
Herring, Thread	0	0.00	0	0.00	3,735	0.01
Hog Snapper	28,476	0.08	37,897	0.11	37,688	0.12
Mackerel, King	1,500,112	4.41	643,861	1.93	1,062,081	3.40
Mackerel, Spanish	929,748	2.74	1,026,562	3.08	1,188,154	3.80
Monkfish	112,354	0.33	60,322	0.18	48,702	0.16
Perch, White	303,971	0.89	162,388	0.49	223,248	0.71
Perch, Yellow	68,153	0.20	68,576	0.21	38,554	0.12
Porgies	112,138	0.33	105,846	0.32	133,027	0.43
Scup	100,956	0.30	51,424	0.15	126,875	0.41
Shad Hickory	22,990	0.07	20,983	0.06	23,632	0.08
Shad, American	203,852	0.60	189,690	0.57	182,619	0.58
Shad, Gizzard	2,197	0.01	43,670	0.13	5,051	0.02
Sharks	238,806	0.70	325,080	0.97	327,802	1.05
Sharks, Dogfishes	593,955	1.75	760,260	2.28	784,925	2.51
Snappers	1,072,841	3.16	955,643	2.86	1,004,700	3.21
Spot	601,844	1.77	384,386	1.15	728,475	2.33
Swordfish	1,319,917	3.88	1,897,151	5.69	2,617,201	8.37
Tilefishes	735,189	2.16	817,388	2.45	314,600	1.01
Triggerfish	303,580	0.89	349,179	1.05	411,373	1.32
Tunas	2,946,307	8.67	1,509,787	4.52	2,464,617	7.88
Wahoo	39,022	0.11	30,329	0.09	44,685	0.14
Weakfish	163,213	0.48	105,293	0.32	78,659	0.25
Other Finfish	683,109	2.01	618,688	1.85	561,308	1.79
Total	33,983,715	100.00	33,371,022	100.00	31,278,458	100.00

Table . Annual ex-vessel value and percent value for major finfish species by from 1994 to 2017 continued.

Year	2012		2013		2014	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bass, Striped	368,516	1.19	303,486	1.02	283,241	0.76
Flounder, Southern	4,451,482	14.35	5,673,190	19.02	4,839,672	13.07
Herring, River	678	0.00	743	0.00	1,519	0.00
Kingfishes	645,607	2.08	668,480	2.24	1,007,496	2.72
Red Drum	138,833	0.45	715,685	2.40	208,288	0.56
Spotted Seatrout	522,130	1.68	818,159	2.74	579,343	1.56
Striped Mullet	1,041,659	3.36	1,402,914	4.70	1,112,465	3.00
Amberjack	104,213	0.34	89,876	0.30	198,868	0.54
American Eel	160,275	0.52	88,649	0.30	164,797	0.44
Atlantic Croaker	2,135,458	6.88	1,723,578	5.78	1,865,595	5.04
Atlantic Menhaden	82,976	0.27	73,494	0.25	145,587	0.39
Atlantic Spadefish	9,043	0.03	9,246	0.03	10,652	0.03
Bass, Sea	687,905	2.22	868,811	2.91	1,413,708	3.82
Bluefish	349,288	1.13	564,377	1.89	889,710	2.40
Catfishes	116,379	0.38	92,497	0.31	158,480	0.43
Dolphin	756,346	2.44	529,916	1.78	1,237,458	3.34
Flounder, Summer	2,969,370	9.57	1,386,338	4.65	8,225,282	22.21
Groupers	1,421,895	4.58	1,247,817	4.18	1,266,310	3.42
Herring, Thread	3,867	0.01	7,701	0.03	7,908	0.02
Hog Snapper	28,738	0.09	30,640	0.10	37,920	0.10
Mackerel, King	831,297	2.68	877,497	2.94	1,203,503	3.25
Mackerel, Spanish	1,374,648	4.43	1,015,965	3.41	1,230,410	3.32
Monkfish	25,286	0.08	9,053	0.03	85,364	0.23
Perch, White	150,940	0.49	255,633	0.86	148,698	0.40
Perch, Yellow	23,446	0.08	40,546	0.14	82,336	0.22
Porgies	129,798	0.42	115,758	0.39	142,546	0.38
Scup	2,768	0.01	13,323	0.04	110,203	0.30
Shad Hickory	22,402	0.07	29,324	0.10	27,397	0.07
Shad, American	257,681	0.83	306,885	1.03	160,969	0.43
Shad, Gizzard	4,333	0.01	4,492	0.02	5,730	0.02
Sharks	376,147	1.21	282,318	0.95	473,375	1.28
Sharks, Dogfishes	1,020,811	3.29	646,430	2.17	780,378	2.11
Snappers	899,624	2.90	917,987	3.08	864,618	2.33
Spot	465,752	1.50	690,035	2.31	619,643	1.67
Swordfish	3,009,107	9.70	2,935,940	9.85	2,109,549	5.70
Tilefishes	753,966	2.43	522,652	1.75	238,808	0.64
Triggerfish	278,968	0.90	342,228	1.15	262,199	0.71
Tunas	4,413,829	14.23	3,226,483	10.82	3,647,436	9.85
Wahoo	73,998	0.24	75,577	0.25	71,829	0.19
Weakfish	111,462	0.36	150,730	0.51	140,573	0.38
Other Finfish	795,853	2.57	1,065,334	3.57	974,300	2.63
Total	31,016,774	100.00	29,819,788	100.00	37,034,162	100.00

Annual ex-vessel value and percent value for major finfish species by from 1994 to 2017 continued.

Year	2015		2016		2017	
Species	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)	Ex-Vessel Value ($)	Percent Value (%)
Bass, Striped	450,208	1.39	432,127	1.32	288,888	0.81
Flounder, Southern	3,823,567	11.80	3,610,533	11.04	5,654,461	15.89
Herring, River	0	0.00	0	0.00	0	0.00
Kingfishes	860,461	2.66	1,004,314	3.07	1,095,887	3.08
Red Drum	196,131	0.61	202,785	0.62	496,586	1.40
Spotted Seatrout	318,307	0.98	661,107	2.02	779,852	2.19
Striped Mullet	804,675	2.48	669,760	2.05	1,034,042	2.90
Amberjack	162,064	0.50	147,056	0.45	162,635	0.46
American Eel	142,826	0.44	88,195	0.27	14,413	0.04
Atlantic Croaker	1,646,377	5.08	2,216,107	6.78	1,133,533	3.18
Atlantic Menhaden	152,241	0.47	75,167	0.23	157,180	0.44
Atlantic Spadefish	8,177	0.03	9,189	0.03	13,414	0.04
Bass, Sea	1,366,822	4.22	1,342,582	4.11	1,860,934	5.23
Bluefish	445,293	1.37	599,918	1.83	999,641	2.81
Catfishes	262,840	0.81	238,725	0.73	399,413	1.12
Dolphin	973,324	3.00	1,271,271	3.89	719,321	2.02
Flounder, Summer	9,092,527	28.07	8,238,703	25.20	6,315,997	17.74
Groupers	1,122,347	3.46	1,109,289	3.39	1,013,430	2.85
Herring, Thread	10,358	0.03	3,099	0.01	3,331	0.01
Hog Snapper	33,500	0.10	39,452	0.12	70,760	0.20
Mackerel, King	800,688	2.47	868,542	2.66	1,266,308	3.56
Mackerel, Spanish	1,034,231	3.19	1,068,237	3.27	1,384,543	3.89
Monkfish	106,081	0.33	47,173	0.14	60,045	0.17
Perch, White	124,499	0.38	166,889	0.51	125,448	0.35
Perch, Yellow	54,013	0.17	41,609	0.13	21,621	0.06
Porgies	91,282	0.28	79,237	0.24	95,817	0.27
Scup	130,029	0.40	72,871	0.22	112,830	0.32
Shad Hickory	42,916	0.13	29,418	0.09	20,201	0.06
Shad, American	93,657	0.29	89,335	0.27	111,819	0.31
Shad, Gizzard	4,899	0.02	30,302	0.09	8,278	0.02
Sharks	338,283	1.04	403,736	1.23	424,465	1.19
Sharks, Dogfishes	630,293	1.95	308,312	0.94	112,313	0.32
Snappers	803,988	2.48	941,955	2.88	998,875	2.81
Spot	322,198	0.99	295,019	0.90	521,975	1.47
Swordfish	1,277,355	3.94	1,202,276	3.68	1,138,260	3.20
Tilefishes	135,228	0.42	395,813	1.21	335,940	0.94
Triggerfish	331,805	1.02	345,575	1.06	403,689	1.13
Tunas	2,916,057	9.00	3,220,820	9.85	5,091,734	14.30
Wahoo	65,475	0.20	93,707	0.29	110,448	0.31
Weakfish	115,834	0.36	120,548	0.37	129,131	0.36
Other Finfish	1,104,148	3.41	915,902	2.80	908,576	2.55
Total	32,395,003	100.00	32,696,655	100.00	35,596,034	100.00

Annual deflated ex-vessel value for major finfish species by from 1994 to 2017 continued.

Species	1994 Deflated Value ($)	1995 Deflated Value ($)	1996 Deflated Value ($)	1997 Deflated Value ($)	1998 Deflated Value ($)
Bass, Striped	105,150	175,590	61,953	194,341	139,111
Flounder, Southern	2,392,537	2,203,504	2,028,923	2,181,310	1,904,330
Herring, River	30,037	39,063	37,122	35,252	54,152
Kingfishes	126,189	216,142	131,941	236,139	110,829
Red Drum	30,442	64,648	31,652	15,562	77,146
Spotted Seatrout	146,458	183,561	70,774	77,460	101,844
Striped Mullet	314,855	562,880	306,167	485,823	283,933
Amberjack	22,163	24,829	17,929	29,257	16,120
American Eel	52,242	106,103	69,479	89,378	61,928
Atlantic Croaker	431,544	579,665	1,021,386	1,125,025	922,826
Atlantic Menhaden	945,317	1,030,896	1,362,315	2,403,456	1,102,546
Atlantic Spadefish	1,180	2,367	3,785	3,641	3,576
Bass, Sea	229,755	172,848	279,876	307,195	294,245
Bluefish	161,258	312,346	241,578	318,674	204,258
Catfishes	84,677	66,643	66,740	77,235	61,527
Dolphin	72,488	166,133	60,405	94,909	63,829
Flounder, Summer	1,740,661	2,371,104	1,902,409	772,943	1,449,537
Groupers	466,972	442,936	378,789	423,097	440,842
Herring, Thread	107,898	129,518	123,104	326,600	149,761
Hog Snapper	9,931	16,202	6,692	7,187	5,930
Mackerel, King	376,825	460,219	356,629	649,110	467,953
Mackerel, Spanish	73,459	62,566	57,344	129,785	70,078
Monfish	60,829	122,121	121,332	122,075	127,869
Perch, White	49,598	21,813	34,831	26,760	31,283
Perch, Yellow	16,376	11,822	11,878	18,078	18,806
Porgies	76,258	76,293	74,357	65,456	64,240
Scup	34,120	2,856	5,559	208	2,178
Shad, American	28,462	54,583	48,258	40,777	62,531
Shad, Gizzard	3,410	5,516	7,443	4,552	5,015
Shad, Hickory	5,134	5,588	11,307	4,757	4,898
Sharks	443,137	331,813	216,346	140,019	109,559
Sharks, Dogfishes	301,465	449,619	624,990	296,086	199,085
Snappers	301,022	269,566	214,225	238,586	227,778
Spot	291,611	269,849	242,841	315,755	267,944
Swordfish	86,963	149,920	135,743	125,441	178,335
Tilefishes	99,716	66,092	64,417	48,435	23,966
Triggerfish	55,714	62,593	59,148	70,379	53,798
Tunas	563,444	1,029,179	635,959	407,373	368,300
Wahoo	12,407	24,513	14,963	12,350	12,803
Weakfish	570,398	626,847	646,158	510,967	454,305
Other Finfish	179,115	247,419	216,104	221,078	130,937
Total	11,101,216	13,217,763	12,002,850	12,652,513	10,329,927

Annual deflated ex-vessel value for major finfish species by from 1994 to 2017 continued.

Species	1999 Deflated Value ($)	2000 Deflated Value ($)	2001 Deflated Value ($)	2002 Deflated Value ($)	2003 Deflated Value ($)
Bass, Striped	189,764	120,743	191,961	208,560	171,454
Flounder, Southern	1,349,371	1,448,590	1,412,946	1,259,231	874,389
Herring, River	47,353	32,419	29,435	16,021	21,220
Kingfishes	162,598	133,315	124,646	147,220	154,007
Red Drum	104,270	75,457	42,347	21,747	25,234
Spotted Seatrout	175,526	119,537	33,483	52,092	58,123
Striped Mullet	219,630	410,131	293,469	305,159	186,161
Amberjack	20,483	21,000	15,909	17,062	20,111
American Eel	35,103	45,186	30,396	20,361	63,831
Atlantic Croaker	816,763	764,326	764,815	788,303	698,238
Atlantic Menhaden	701,790	894,561	1,130,124	1,230,070	941,783
Atlantic Spadefish	2,496	3,298	2,875	1,891	902
Bass, Sea	282,458	249,001	263,990	214,118	338,298
Bluefish	229,791	282,547	270,900	189,328	183,295
Catfishes	53,975	68,810	38,141	23,224	23,807
Dolphin	90,009	78,481	54,823	59,368	78,653
Flounder, Summer	1,312,006	1,533,200	1,105,272	1,488,661	1,435,020
Groupers	426,693	363,491	311,717	386,332	366,737
Herring, Thread	0	10,864	0	56,361	0
Hog Snapper	5,684	3,801	3,890	4,951	4,600
Mackerel, King	443,998	423,743	336,077	287,005	289,952
Mackerel, Spanish	69,595	127,808	130,174	150,634	99,834
Monfish	171,439	247,388	57,610	56,791	75,065
Perch, White	68,931	35,750	39,498	39,315	69,894
Perch, Yellow	26,873	25,154	21,750	18,646	23,530
Porgies	24,135	6,334	15,470	15,216	10,767
Scup	0	0	0	2,206	18,018
Shad, American	28,312	54,509	23,433	42,456	60,066
Shad, Gizzard	3,429	5,149	3,045	2,267	3,950
Shad, Hickory	5,437	3,711	12,953	2,020	4,428
Sharks	184,482	140,446	129,156	212,063	159,002
Sharks, Dogfishes	162,293	173,579	31,267	24,711	26,384
Snappers	279,427	327,819	302,749	289,390	164,062
Spot	262,318	299,974	317,409	227,106	217,380
Swordfish	273,381	239,920	326,110	228,170	429,616
Tilefishes	17,733	25,111	24,631	53,944	23,058
Triggerfish	28,928	21,523	20,493	20,625	29,535
Tunas	329,153	873,752	645,551	528,934	479,308
Wahoo	15,267	11,893	10,358	9,337	10,120
Weakfish	364,161	278,920	257,529	256,267	127,258
Other Finfish	118,806	150,647	133,705	128,486	90,578
Total	9,103,863	10,131,890	8,960,105	9,085,650	8,057,670

Annual deflated ex-vessel value for major finfish species by from 1994 to 2017 continued.

	2004	2005	2006	2007	2008
Species	Deflated Value ($)	Deflated Value ($)	Deflated Value ($)	Deflated Value ($)	Deflated Value ($)
Bass, Striped	268,085	377,109	149,935	262,567	165,498
Flounder, Southern	896,375	780,404	1,068,036	1,053,827	1,136,839
Herring, River	18,640	29,039	18,558	181	156
Kingfishes	113,757	61,248	121,235	168,627	164,008
Red Drum	16,113	39,003	51,267	75,133	70,908
Spotted Seatrout	39,740	39,190	90,436	111,187	93,878
Striped Mullet	166,748	180,586	215,302	152,888	135,228
Amberjack	14,649	16,409	14,492	19,909	22,179
American Eel	62,598	24,066	15,611	15,683	10,789
Atlantic Croaker	814,964	768,282	784,463	575,378	632,146
Atlantic Menhaden	1,047,015	275,708	32,541	29,507	14,152
Atlantic Spadefish	2,376	2,042	1,509	1,471	663
Bass, Sea	343,335	300,374	377,781	253,409	232,541
Bluefish	196,189	178,137	179,605	148,550	142,399
Catfishes	23,217	20,549	26,708	27,408	18,460
Dolphin	104,548	58,294	67,654	153,936	115,361
Flounder, Summer	1,760,205	1,690,562	1,860,612	1,349,141	1,053,483
Groupers	321,425	332,269	419,609	507,608	457,622
Herring, Thread	0	720	4	0	0
Hog Snapper	4,345	4,086	3,681	3,619	6,988
Mackerel, King	363,267	462,902	466,854	417,021	328,291
Mackerel, Spanish	121,509	132,275	136,015	154,988	109,714
Monkfish	85,978	19,403	38,955	39,882	25,691
Perch, White	28,335	24,536	27,371	27,650	64,143
Perch, Yellow	8,772	6,421	7,666	12,298	10,012
Porgies	9,760	9,381	13,590	22,100	26,985
Scup	76,696	35,370	21,344	9,064	33,038
Shad, American	41,650	45,831	44,209	59,183	33,933
Shad, Gizzard	556	935	588	541	356
Shad, Hickory	7,468	8,947	2,351	1,706	2,352
Sharks	134,835	137,513	82,329	36,083	42,423
Sharks, Dogfishes	42,951	42,183	39,694	46,932	58,665
Snappers	201,732	251,559	209,915	339,460	359,005
Spot	246,715	204,003	219,770	129,888	91,368
Swordfish	348,413	340,038	330,409	375,040	228,148
Tilefishes	31,114	11,851	41,106	18,632	132,634
Triggerfish	33,979	36,635	32,289	39,462	56,945
Tunas	769,650	750,135	896,394	862,192	687,915
Wahoo	11,556	7,396	8,341	11,797	5,446
Weakfish	112,935	80,529	68,417	31,632	28,680
Other Finfish	94,643	79,607	108,275	127,249	126,236
Total	8,986,839	7,865,529	8,294,919	7,672,826	6,925,279

Annual deflated ex-vessel value for major finfish species by from 1994 to 2017 continued.

	2009	2010	2011	2012	2013
Species	Deflated Value ($)	Deflated Value ($)	Deflated Value ($)	Deflated Value ($)	Deflated Value ($)
Bass, Striped	147,593	239,297	220,193	67,954	55,204
Flounder, Southern	910,462	724,025	520,616	820,853	1,031,953
Herring, River	165	346	305	125	135
Kingfishes	155,828	187,746	98,410	119,050	121,597
Red Drum	64,311	82,627	31,573	25,601	130,183
Spotted Seatrout	104,475	69,364	27,343	96,281	148,823
Striped Mullet	141,265	196,383	192,098	192,082	255,190
Amberjack	20,734	18,697	11,880	19,217	16,348
American Eel	30,521	68,770	23,433	29,555	16,125
Atlantic Croaker	593,262	667,955	598,319	393,779	313,519
Atlantic Menhaden	45,356	21,853	63,638	15,301	13,369
Atlantic Spadefish	1,288	1,198	1,293	1,668	1,682
Bass, Sea	276,797	185,694	118,722	126,850	158,037
Bluefish	154,563	221,306	160,424	64,409	102,660
Catfishes	15,348	12,600	16,081	21,460	16,825
Dolphin	203,454	96,436	46,283	139,470	96,392
Flounder, Summer	1,088,975	1,412,868	1,160,434	547,552	252,175
Groupers	371,049	339,013	276,658	262,197	226,978
Herring, Thread	0	0	706	713	1,401
Hog Snapper	5,624	7,424	7,127	5,299	5,573
Mackerel, King	296,272	126,132	200,840	153,291	159,617
Mackerel, Spanish	183,625	201,104	224,680	253,485	184,804
Monkfish	22,190	11,817	9,209	4,663	1,647
Perch, White	60,034	31,812	42,216	27,833	46,500
Perch, Yellow	13,460	13,434	7,291	4,323	7,375
Porgies	22,147	20,735	25,155	23,935	21,056
Scup	19,939	10,074	23,992	510	2,424
Shad, American	40,261	37,160	34,533	47,516	55,822
Shad, Gizzard	434	8,555	955	799	817
Shad, Hickory	4,541	4,111	4,469	4,131	5,334
Sharks	47,164	63,683	61,987	69,362	51,354
Sharks, Dogfishes	117,306	148,935	148,429	188,238	117,586
Snappers	211,886	187,211	189,989	165,891	166,982
Spot	118,864	75,301	137,755	85,885	125,517
Swordfish	260,684	371,652	494,913	554,879	534,047
Tilefishes	145,200	160,126	59,491	139,031	95,070
Triggerfish	59,957	68,404	77,791	51,442	62,251
Tunas	581,896	295,767	466,059	813,910	586,897
Wahoo	7,707	5,941	8,450	13,645	13,747
Weakfish	32,235	20,627	14,874	20,554	27,418
Other Finfish	134,914	121,201	106,143	146,755	193,784
Total	6,711,784	6,537,383	5,914,756	5,719,493	5,424,219

Annual deflated ex-vessel value for major finfish species by from 1994 to 2017 continued.

	2014	2015	2016	2017
Species	Deflated Value ($)	Deflated Value ($)	Deflated Value ($)	Deflated Value ($)
Bass, Striped	50,360	78,606	75,190	49,833
Flounder, Southern	860,494	667,595	628,233	975,395
Herring, River	270	0	0	0
Kingfishes	179,133	150,236	174,751	189,040
Red Drum	37,034	34,245	35,285	85,661
Spotted Seatrout	103,007	55,576	115,033	134,525
Striped Mullet	197,796	140,496	116,538	178,372
Amberjack	35,359	28,296	25,588	28,055
American Eel	29,301	24,937	15,346	2,486
Atlantic Croaker	331,703	287,457	385,603	195,534
Atlantic Menhaden	25,885	26,581	13,079	27,114
Atlantic Spadefish	1,894	1,428	1,599	2,314
Bass, Sea	251,357	238,647	233,609	321,011
Bluefish	158,191	77,748	104,386	172,438
Catfishes	28,178	45,892	41,538	68,899
Dolphin	220,020	169,942	221,201	124,083
Flounder, Summer	1,462,455	1,587,555	1,433,534	1,089,510
Groupers	225,150	195,962	193,016	174,817
Herring, Thread	1,406	1,808	539	575
Hog Snapper	6,742	5,849	6,865	12,206
Mackerel, King	213,983	139,800	151,126	218,438
Mackerel, Spanish	218,767	180,577	185,873	238,834
Monfish	15,178	18,522	8,208	10,358
Perch, White	26,438	21,737	29,039	21,640
Perch, Yellow	14,639	9,431	7,240	3,730
Porgies	25,345	15,938	13,787	16,528
Scup	19,594	22,703	12,680	19,463
Shad, American	28,620	16,353	15,544	19,289
Shad, Gizzard	1,019	855	5,273	1,428
Shad, Hickory	4,871	7,493	5,119	3,485
Sharks	84,166	59,064	70,250	73,220
Sharks, Dogfishes	138,751	110,049	53,646	19,374
Snappers	153,729	140,376	163,900	172,306
Spot	110,173	56,256	51,333	90,041
Swordfish	375,078	223,026	209,196	196,350
Tilefishes	42,460	23,611	68,871	57,950
Triggerfish	46,619	57,933	60,130	69,636
Tunas	648,514	509,144	560,423	878,324
Wahoo	12,771	11,432	16,305	19,052
Weakfish	24,994	20,225	20,975	22,275
Other Finfish	173,231	192,784	159,367	156,729
Total	6,584,674	5,656,167	5,689,218	6,140,316

Annual trips and percent trips for major finfish species by from 1994 to 2017.

Year	1994		1995		1996	
Species	Trips	Percent Trips (%)	Trips	Percent Trips (%)	Trips	Percent Trips (%)
Bass, Striped	3,346	1.31	6,540	2.38	6,639	2.68
Flounder, Southern	42,457	16.57	45,745	16.64	40,604	16.36
Herring, River	3,658	1.43	2,912	1.06	3,215	1.30
Kingfishes	11,088	4.33	12,495	4.55	8,907	3.59
Red Drum	4,066	1.59	7,496	2.73	4,891	1.97
Spotted Seatrout	13,659	5.33	16,856	6.13	9,502	3.83
Striped Mullet	13,649	5.33	13,819	5.03	13,961	5.63
Amberjack	1,653	0.65	1,673	0.61	1,345	0.54
American Eel	358	0.14	438	0.16	547	0.22
Atlantic Croaker	14,349	5.60	18,265	6.64	15,418	6.21
Atlantic Menhaden	1,104	0.43	964	0.35	1,640	0.66
Atlantic Spadefish	1,097	0.43	1,470	0.53	1,375	0.55
Bass, Sea	5,075	1.98	3,959	1.44	3,620	1.46
Bluefish	11,045	4.31	13,898	5.06	10,996	4.43
Catfishes	16,017	6.25	14,693	5.35	13,668	5.51
Dolphin	1,853	0.72	2,430	0.88	1,422	0.57
Flounder, Summer	3,460	1.35	2,164	0.79	2,577	1.04
Groupers	4,506	1.76	3,918	1.43	3,097	1.25
Herring, Thread	39	0.02	17	0.01	11	0.00
Hog Snapper	520	0.20	643	0.23	456	0.18
Mackerel, King	4,983	1.94	4,675	1.70	3,196	1.29
Mackerel, Spanish	4,713	1.84	4,309	1.57	3,959	1.60
Monkfish	838	0.33	751	0.27	909	0.37
Perch, White	7,404	2.89	6,077	2.21	7,224	2.91
Perch, Yellow	4,567	1.78	3,622	1.32	4,038	1.63
Porgies	3,560	1.39	3,017	1.10	2,478	1.00
Scup	122	0.05	124	0.05	95	0.04
Shad Hickory	2,116	0.83	2,738	1.00	3,635	1.46
Shad, American	4,088	1.60	4,312	1.57	5,202	2.10
Shad, Gizzard	2,922	1.14	2,576	0.94	3,473	1.40
Sharks	2,338	0.91	2,156	0.78	1,563	0.63
Sharks, Dogfishes	2,436	0.95	2,608	0.95	3,378	1.36
Snappers	2,805	1.09	2,328	0.85	1,903	0.77
Spot	10,897	4.25	11,468	4.17	12,334	4.97
Swordfish	142	0.06	222	0.08	198	0.08
Tilefishes	547	0.21	553	0.20	562	0.23
Triggerfish	2,326	0.91	2,071	0.75	1,745	0.70
Tunas	4,101	1.60	4,107	1.49	3,228	1.30
Wahoo	447	0.17	784	0.29	439	0.18
Weakfish	17,414	6.80	20,565	7.48	17,653	7.11
Other Finfish	24,436	9.54	25,413	9.25	27,062	10.90
Total	256,201	100.00	274,871	100.00	248,165	100.00

Annual trips and percent trips for major finfish species by from 1994 to 2017 continued.

Year	1997		1998		1999	
Species	Trips	Percent Trips (%)	Trips	Percent Trips (%)	Trips	Percent Trips (%)
Bass, Striped	8,715	3.13	6,702	2.81	9,097	3.61
Flounder, Southern	46,542	16.71	39,435	16.56	35,415	14.05
Herring, River	2,673	0.96	2,809	1.18	2,815	1.12
Kingfishes	11,021	3.96	8,768	3.68	9,428	3.74
Red Drum	2,440	0.88	5,613	2.36	10,603	4.21
Spotted Seatrout	10,924	3.92	12,384	5.20	15,319	6.08
Striped Mullet	14,363	5.16	12,848	5.40	10,391	4.12
Amberjack	1,535	0.55	1,209	0.51	1,356	0.54
American Eel	618	0.22	554	0.23	574	0.23
Atlantic Croaker	15,214	5.46	10,662	4.48	12,980	5.15
Atlantic Menhaden	2,421	0.87	2,385	1.00	3,809	1.51
Atlantic Spadefish	1,907	0.68	1,154	0.48	1,613	0.64
Bass, Sea	3,993	1.43	3,873	1.63	3,026	1.20
Bluefish	16,520	5.93	13,743	5.77	12,087	4.80
Catfishes	16,594	5.96	13,578	5.70	14,376	5.70
Dolphin	1,528	0.55	1,295	0.54	1,423	0.56
Flounder, Summer	2,768	0.99	2,536	1.07	3,026	1.20
Groupers	3,674	1.32	3,558	1.49	2,821	1.12
Herring, Thread	15	0.01	15	0.01	5	0.00
Hog Snapper	454	0.16	434	0.18	391	0.16
Mackerel, King	5,331	1.91	4,074	1.71	3,617	1.44
Mackerel, Spanish	5,989	2.15	4,138	1.74	3,543	1.41
Monkfish	725	0.26	694	0.29	812	0.32
Perch, White	7,045	2.53	7,027	2.95	9,177	3.64
Perch, Yellow	5,013	1.80	4,776	2.01	5,650	2.24
Porgies	2,536	0.91	2,604	1.09	1,539	0.61
Scup	21	0.01	38	0.02	1	0.00
Shad Hickory	2,701	0.97	2,538	1.07	3,644	1.45
Shad, American	5,666	2.03	5,098	2.14	4,718	1.87
Shad, Gizzard	2,556	0.92	2,763	1.16	2,780	1.10
Sharks	1,798	0.65	1,293	0.54	1,207	0.48
Sharks, Dogfishes	2,792	1.00	2,049	0.86	1,886	0.75
Snappers	2,207	0.79	2,050	0.86	1,810	0.72
Spot	13,762	4.94	11,355	4.77	12,382	4.91
Swordfish	171	0.06	208	0.09	179	0.07
Tilefishes	775	0.28	621	0.26	582	0.23
Triggerfish	2,303	0.83	1,901	0.80	1,503	0.60
Tunas	4,524	1.62	2,959	1.24	3,266	1.30
Wahoo	401	0.14	359	0.15	460	0.18
Weakfish	21,235	7.62	16,854	7.08	17,074	6.77
Other Finfish	27,077	9.72	21,138	8.88	25,630	10.17
Total	278,547	100.00	238,092	100.00	252,015	100.00

. Annual trips and percent trips for major finfish species by from 1994 to 2017 continued.

Year	2000		2001		2002	
Species	Trips	Percent Trip (%)	Trips	Percent Trips (%)	Trips	Percent Trips (%)
Bass, Striped	11,706	4.86	12,066	5.53	11,278	5.41
Flounder, Southern	37,492	15.58	36,006	16.50	33,410	16.01
Herring, River	2,461	1.02	1,418	0.65	1,902	0.91
Kingfishes	8,656	3.60	7,222	3.31	6,473	3.10
Red Drum	9,753	4.05	8,863	4.06	6,709	3.22
Spotted Seatrout	11,241	4.67	6,490	2.97	8,855	4.24
Striped Mullet	13,631	5.66	10,726	4.91	10,622	5.09
Amberjack	1,331	0.55	1,247	0.57	1,178	0.56
American Eel	576	0.24	460	0.21	287	0.14
Atlantic Croaker	11,810	4.91	12,954	5.93	8,815	4.23
Atlantic Menhaden	4,145	1.72	5,431	2.49	6,089	2.92
Atlantic Spadefish	1,287	0.53	1,082	0.50	1,152	0.55
Bass, Sea	2,315	0.96	2,624	1.20	2,481	1.19
Bluefish	11,643	4.84	10,923	5.00	10,133	4.86
Catfishes	12,213	5.07	12,296	5.63	10,900	5.22
Dolphin	1,238	0.51	1,199	0.55	1,434	0.69
Flounder, Summer	2,530	1.05	1,713	0.78	1,736	0.83
Groupers	2,278	0.95	2,404	1.10	2,677	1.28
Herring, Thread	4	0.00			9	0.00
Hog Snapper	322	0.13	273	0.13	306	0.15
Mackerel, King	4,064	1.69	3,652	1.67	3,155	1.51
Mackerel, Spanish	4,550	1.89	3,756	1.72	3,261	1.56
Monkfish	757	0.31	548	0.25	642	0.31
Perch, White	8,224	3.42	6,857	3.14	7,595	3.64
Perch, Yellow	4,271	1.77	3,465	1.59	3,156	1.51
Porgies	658	0.27	1,400	0.64	1,409	0.68
Scup					4	0.00
Shad Hickory	2,625	1.09	3,351	1.54	1,781	0.85
Shad, American	5,277	2.19	5,037	2.31	4,292	2.06
Shad, Gizzard	2,476	1.03	1,114	0.51	1,478	0.71
Sharks	1,368	0.57	1,235	0.57	1,111	0.53
Sharks, Dogfishes	1,555	0.65	556	0.25	469	0.22
Snappers	1,603	0.67	1,702	0.78	1,715	0.82
Spot	13,229	5.50	11,912	5.46	13,128	6.29
Swordfish	155	0.06	235	0.11	182	0.09
Tilefishes	425	0.18	539	0.25	578	0.28
Triggerfish	1,194	0.50	1,347	0.62	1,385	0.66
Tunas	3,201	1.33	3,503	1.60	2,869	1.38
Wahoo	354	0.15	373	0.17	299	0.14
Weakfish	13,992	5.81	12,030	5.51	10,092	4.84
Other Finfish	24,043	9.99	20,259	9.28	23,573	11.30
Total	240,653	100.00	218,268	100.00	208,620	100.00

Annual trips and percent trips for major finfish species by from 1994 to 2017 continued.

Year	2003		2004		2005	
Species	Trips	Percent Trips (%)	Trips	Percent Trips (%)	Trips	Percent Trips (%)
Bass, Striped	11,455	6.27	9,347	5.74	10,877	6.89
Flounder, Southern	27,515	15.07	27,071	16.61	23,374	14.81
Herring, River	2,087	1.14	1,503	0.92	1,792	1.14
Kingfishes	6,750	3.70	6,783	4.16	5,082	3.22
Red Drum	6,845	3.75	3,543	2.17	8,307	5.26
Spotted Seatrout	5,963	3.27	5,736	3.52	5,823	3.69
Striped Mullet	9,616	5.27	7,829	4.80	8,041	5.09
Amberjack	1,117	0.61	941	0.58	949	0.60
American Eel	427	0.23	353	0.22	223	0.14
Atlantic Croaker	7,361	4.03	7,878	4.83	6,510	4.12
Atlantic Menhaden	4,312	2.36	3,271	2.01	3,976	2.52
Atlantic Spadefish	663	0.36	1,146	0.70	1,008	0.64
Bass, Sea	2,063	1.13	2,216	1.36	1,886	1.19
Bluefish	8,594	4.71	8,031	4.93	8,376	5.31
Catfishes	10,729	5.87	7,995	4.91	7,480	4.74
Dolphin	963	0.53	1,116	0.68	877	0.56
Flounder, Summer	1,796	0.98	1,949	1.20	1,082	0.69
Groupers	2,108	1.15	2,039	1.25	2,025	1.28
Herring, Thread	3	0.00			13	0.01
Hog Snapper	282	0.15	218	0.13	247	0.16
Mackerel, King	2,752	1.51	3,227	1.98	3,741	2.37
Mackerel, Spanish	2,485	1.36	2,189	1.34	2,712	1.72
Monkfish	651	0.36	597	0.37	367	0.23
Perch, White	8,070	4.42	5,049	3.10	4,821	3.05
Perch, Yellow	3,491	1.91	1,896	1.16	1,180	0.75
Porgies	1,216	0.67	1,077	0.66	1,132	0.72
Scup	26	0.01	84	0.05	103	0.07
Shad Hickory	2,004	1.10	2,325	1.43	2,302	1.46
Shad, American	4,574	2.50	3,947	2.42	3,791	2.40
Shad, Gizzard	1,027	0.56	990	0.61	893	0.57
Sharks	1,014	0.56	828	0.51	906	0.57
Sharks, Dogfishes	502	0.27	809	0.50	662	0.42
Snappers	1,131	0.62	1,202	0.74	1,266	0.80
Spot	10,996	6.02	10,573	6.49	9,637	6.11
Swordfish	173	0.09	182	0.11	210	0.13
Tilefishes	431	0.24	346	0.21	391	0.25
Triggerfish	1,083	0.59	1,268	0.78	1,081	0.68
Tunas	2,672	1.46	3,257	2.00	2,624	1.66
Wahoo	306	0.17	337	0.21	248	0.16
Weakfish	8,791	4.81	8,554	5.25	7,804	4.94
Other Finfish	18,579	10.17	15,258	9.36	14,014	8.88
Total	182,623	100.00	162,960	100.00	157,833	100.00

Annual trips and percent trips for major finfish species by from 1994 to 2017 continued.

Year	2006		2007		2008	
Species	Trips	Percent Trips (%)	Trips	Percent Trips (%)	Trips	Percent Trips (%)
Bass, Striped	7,962	4.72	8,240	4.59	4,394	2.59
Flounder, Southern	26,202	15.54	28,397	15.80	28,966	17.09
Herring, River	1,029	0.61	22	0.01	25	0.01
Kingfishes	6,613	3.92	6,892	3.84	7,233	4.27
Red Drum	9,985	5.92	12,431	6.92	12,002	7.08
Spotted Seatrout	9,640	5.72	11,092	6.17	10,600	6.25
Striped Mullet	7,819	4.64	9,155	5.09	8,343	4.92
Amberjack	1,028	0.61	1,477	0.82	1,554	0.92
American Eel	142	0.08	137	0.08	64	0.04
Atlantic Croaker	5,900	3.50	5,947	3.31	6,104	3.60
Atlantic Menhaden	4,162	2.47	3,059	1.70	1,896	1.12
Atlantic Spadefish	1,144	0.68	974	0.54	894	0.53
Bass, Sea	2,198	1.30	1,842	1.02	1,785	1.05
Bluefish	8,778	5.21	9,736	5.42	9,300	5.49
Catfishes	8,042	4.77	8,905	4.96	7,894	4.66
Dolphin	972	0.58	1,305	0.73	1,127	0.66
Flounder, Summer	1,230	0.73	1,283	0.71	996	0.59
Groupers	2,227	1.32	2,890	1.61	2,728	1.61
Herring, Thread	2	0.00				
Hog Snapper	221	0.13	209	0.12	266	0.16
Mackerel, King	3,913	2.32	4,540	2.53	3,412	2.01
Mackerel, Spanish	2,479	1.47	2,755	1.53	2,429	1.43
Monkfish	499	0.30	433	0.24	376	0.22
Perch, White	4,792	2.84	4,907	2.73	5,153	3.04
Perch, Yellow	1,223	0.73	1,427	0.79	1,788	1.05
Porgies	1,206	0.72	1,477	0.82	1,521	0.90
Scup	108	0.06	67	0.04	90	0.05
Shad Hickory	2,062	1.22	1,769	0.98	2,186	1.29
Shad, American	3,641	2.16	3,689	2.05	2,344	1.38
Shad, Gizzard	870	0.52	878	0.49	479	0.28
Sharks	924	0.55	845	0.47	893	0.53
Sharks, Dogfishes	845	0.50	988	0.55	932	0.55
Snappers	1,306	0.77	1,691	0.94	1,874	1.11
Spot	8,612	5.11	7,600	4.23	7,095	4.19
Swordfish	258	0.15	292	0.16	222	0.13
Tilefishes	395	0.23	417	0.23	533	0.31
Triggerfish	1,158	0.69	1,415	0.79	1,558	0.92
Tunas	3,192	1.89	3,322	1.85	2,677	1.58
Wahoo	260	0.15	385	0.21	199	0.12
Weakfish	7,239	4.29	6,092	3.39	6,404	3.78
Other Finfish	18,291	10.85	20,727	11.53	21,143	12.48
Total	168,569	100.00	179,709	100.00	169,479	100.00

Annual trips and percent trips for major finfish species by from 1994 to 2017 continued.

Year	2009		2010		2011	
Species	Trips	Percent Trips (%)	Trips	Percent Trips (%)	Trips	Percent Trips (%)
Bass, Striped	4,784	2.70	7,199	5.06	5,569	4.69
Flounder, Southern	29,395	16.56	20,408	14.33	15,810	13.31
Herring, River	27	0.02	41	0.03	30	0.03
Kingfishes	7,198	4.06	6,134	4.31	5,028	4.23
Red Drum	11,646	6.56	8,884	6.24	5,187	4.37
Spotted Seatrout	11,889	6.70	6,540	4.59	4,402	3.71
Striped Mullet	8,423	4.75	9,953	6.99	7,578	6.38
Amberjack	1,353	0.76	905	0.64	695	0.59
American Eel	128	0.07	163	0.11	138	0.12
Atlantic Croaker	7,187	4.05	7,274	5.11	4,838	4.07
Atlantic Menhaden	2,062	1.16	1,632	1.15	1,905	1.60
Atlantic Spadefish	1,125	0.63	485	0.34	624	0.53
Bass, Sea	1,943	1.09	1,124	0.79	588	0.50
Bluefish	9,175	5.17	8,104	5.69	8,444	7.11
Catfishes	9,295	5.24	7,194	5.05	5,745	4.84
Dolphin	1,432	0.81	987	0.69	861	0.72
Flounder, Summer	1,184	0.67	1,015	0.71	658	0.55
Groupers	2,474	1.39	1,808	1.27	1,394	1.17
Herring, Thread					28	0.02
Hog Snapper	194	0.11	168	0.12	132	0.11
Mackerel, King	3,267	1.84	1,615	1.13	1,416	1.19
Mackerel, Spanish	4,028	2.27	3,606	2.53	3,610	3.04
Monkfish	359	0.20	240	0.17	234	0.20
Perch, White	5,188	2.92	4,150	2.91	3,653	3.08
Perch, Yellow	2,341	1.32	1,989	1.40	1,490	1.25
Porgies	1,218	0.69	1,065	0.75	992	0.84
Scup	55	0.03	63	0.04	81	0.07
Shad Hickory	1,928	1.09	2,045	1.44	1,692	1.42
Shad, American	2,740	1.54	3,568	2.51	2,889	2.43
Shad, Gizzard	569	0.32	802	0.56	866	0.73
Sharks	862	0.49	925	0.65	956	0.80
Sharks, Dogfishes	1,505	0.85	1,579	1.11	1,819	1.53
Snappers	1,469	0.83	661	0.46	654	0.55
Spot	8,888	5.01	4,773	3.35	5,502	4.63
Swordfish	221	0.12	232	0.16	267	0.22
Tilefishes	582	0.33	546	0.38	258	0.22
Triggerfish	1,616	0.91	1,193	0.84	955	0.80
Tunas	2,832	1.60	2,031	1.43	1,948	1.64
Wahoo	229	0.13	160	0.11	194	0.16
Weakfish	4,718	2.66	4,776	3.35	3,986	3.36
Other Finfish	21,937	12.36	16,358	11.49	15,643	13.17
Total	177,466	100.00	142,395	100.00	118,759	100.00

Annual trips and percent trips for major finfish species by from 1994 to 2017 continued.

Year	2012		2013		2014	
Species	Trips	Percent Trips (%)	Trips	Percent Trips (%)	Trips	Percent Trips (%)
Bass, Striped	4,207	3.01	3,648	2.15	3,660	2.78
Flounder, Southern	20,926	14.97	23,579	13.89	18,121	13.75
Herring, River	18	0.01	19	0.01	13	0.01
Kingfishes	6,843	4.90	8,113	4.78	7,291	5.53
Red Drum	4,273	3.06	15,872	9.35	3,923	2.98
Spotted Seatrout	9,458	6.77	15,302	9.01	7,223	5.48
Striped Mullet	8,433	6.03	9,802	5.77	8,368	6.35
Amberjack	659	0.47	616	0.36	807	0.61
American Eel	186	0.13	82	0.05	154	0.12
Atlantic Croaker	5,316	3.80	5,629	3.32	6,346	4.82
Atlantic Menhaden	2,166	1.55	2,534	1.49	3,184	2.42
Atlantic Spadefish	1,062	0.76	844	0.50	609	0.46
Bass, Sea	840	0.60	1,204	0.71	1,720	1.31
Bluefish	8,215	5.88	8,282	4.88	7,672	5.82
Catfishes	7,133	5.10	8,565	5.04	6,404	4.86
Dolphin	964	0.69	953	0.56	911	0.69
Flounder, Summer	636	0.46	738	0.43	777	0.59
Groupers	1,317	0.94	1,313	0.77	1,352	1.03
Herring, Thread	70	0.05	26	0.02	66	0.05
Hog Snapper	126	0.09	112	0.07	127	0.10
Mackerel, King	1,407	1.01	1,382	0.81	1,840	1.40
Mackerel, Spanish	3,703	2.65	2,846	1.68	3,108	2.36
Monkfish	247	0.18	107	0.06	290	0.22
Perch, White	4,059	2.90	4,983	2.94	3,937	2.99
Perch, Yellow	1,359	0.97	1,946	1.15	1,973	1.50
Porgies	881	0.63	857	0.50	848	0.64
Scup	13	0.01	41	0.02	86	0.07
Shad Hickory	2,204	1.58	2,829	1.67	1,812	1.38
Shad, American	3,252	2.33	2,984	1.76	1,607	1.22
Shad, Gizzard	1,074	0.77	762	0.45	465	0.35
Sharks	1,529	1.09	1,118	0.66	1,219	0.93
Sharks, Dogfishes	1,852	1.33	1,517	0.89	1,718	1.30
Snappers	641	0.46	724	0.43	748	0.57
Spot	4,115	2.94	7,384	4.35	7,590	5.76
Swordfish	303	0.22	371	0.22	283	0.21
Tilefishes	418	0.30	400	0.24	324	0.25
Triggerfish	822	0.59	562	0.33	325	0.25
Tunas	2,852	2.04	2,774	1.63	3,207	2.43
Wahoo	281	0.20	271	0.16	221	0.17
Weakfish	5,486	3.93	7,119	4.19	5,885	4.47
Other Finfish	20,420	14.61	21,568	12.70	15,531	11.79
Total	139,766	100.00	169,778	100.00	131,745	100.00

Annual trips and percent trips for major finfish species by from 1994 to 2017 continued.

Year	2015		2016		2017	
Species	Trips	Percent Trips (%)	Trips	Percent Trips (%)	Trips	Percent Trips (%)
Bass, Striped	4,852	4.19	4,931	4.22	3,525	2.63
Flounder, Southern	13,880	12.00	13,336	11.40	17,963	13.39
Herring, River						
Kingfishes	5,993	5.18	6,424	5.49	6,883	5.13
Red Drum	4,126	3.57	4,767	4.07	10,138	7.56
Spotted Seatrout	4,831	4.18	7,140	6.10	9,752	7.27
Striped Mullet	7,337	6.34	6,820	5.83	7,720	5.75
Amberjack	688	0.59	726	0.62	655	0.49
American Eel	129	0.11	89	0.08	100	0.07
Atlantic Croaker	4,398	3.80	3,668	3.14	3,791	2.83
Atlantic Menhaden	2,648	2.29	2,577	2.20	2,592	1.93
Atlantic Spadefish	607	0.52	506	0.43	1,005	0.75
Bass, Sea	1,481	1.28	1,512	1.29	1,525	1.14
Bluefish	6,403	5.53	6,893	5.89	8,004	5.97
Catfishes	8,184	7.07	7,579	6.48	7,286	5.43
Dolphin	572	0.49	779	0.67	760	0.57
Flounder, Summer	725	0.63	881	0.75	831	0.62
Groupers	1,232	1.06	1,322	1.13	1,269	0.95
Herring, Thread	105	0.09	36	0.03	65	0.05
Hog Snapper	130	0.11	134	0.11	139	0.10
Mackerel, King	1,388	1.20	1,428	1.22	1,740	1.30
Mackerel, Spanish	2,964	2.56	3,060	2.62	2,780	2.07
Monkfish	203	0.18	277	0.24	179	0.13
Perch, White	4,182	3.61	4,398	3.76	3,332	2.48
Perch, Yellow	1,781	1.54	1,443	1.23	697	0.52
Porgies	723	0.62	714	0.61	702	0.52
Scup	59	0.05	70	0.06	76	0.06
Shad Hickory	1,890	1.63	1,692	1.45	1,581	1.18
Shad, American	1,535	1.33	1,097	0.94	1,381	1.03
Shad, Gizzard	841	0.73	1,207	1.03	1,039	0.77
Sharks	1,172	1.01	1,508	1.29	1,224	0.91
Sharks, Dogfishes	1,180	1.02	813	0.69	369	0.28
Snappers	664	0.57	761	0.65	1,023	0.76
Spot	4,349	3.76	3,458	2.96	4,643	3.46
Swordfish	252	0.22	241	0.21	259	0.19
Tilefishes	223	0.19	606	0.52	507	0.38
Triggerfish	581	0.50	742	0.63	1,029	0.77
Tunas	2,741	2.37	2,949	2.52	3,503	2.61
Wahoo	214	0.18	286	0.24	260	0.19
Weakfish	4,465	3.86	4,432	3.79	4,643	3.46
Other Finfish	15,973	13.81	15,682	13.41	19,201	14.31
Total	115,701	100.00	116,984	100.00	134,171	100.00

Annual CPUE for major finfish species by from 1994 to 2017.

Year	1994	1995	1996	1997	1998	1999
Species	CPUE	CPUE	CPUE	CPUE	CPUE	CPUE
Bass, Striped	78.27	68.32	27.35	67.45	63.10	64.67
Flounder, Southern	114.91	91.09	93.76	87.59	100.23	82.83
Herring, River	176.14	155.90	164.70	125.26	185.81	157.55
Kingfishes	55.99	84.74	59.31	79.20	45.54	64.43
Red Drum	34.97	33.10	23.17	21.52	52.44	35.17
Spotted Seatrout	30.19	34.07	23.85	21.28	24.84	35.69
Striped Mullet	126.47	166.33	125.84	170.07	172.64	140.59
Amberjack	91.94	102.52	103.84	116.16	84.15	95.31
American Eel	268.13	396.57	258.85	208.20	164.41	174.11
Atlantic Croaker	321.68	329.66	646.12	704.07	1,019.12	784.71
Atlantic Menhaden	66,896.65	60,554.03	32,835.94	40,366.40	24,308.79	11,236.30
Atlantic Spadefish	21.28	27.80	40.65	30.09	33.79	21.28
Bass, Sea	139.14	124.70	215.01	192.05	191.90	202.77
Bluefish	161.37	216.63	299.99	242.32	212.90	228.43
Catfishes	79.69	59.74	58.71	62.14	67.03	50.87
Dolphin	86.75	145.76	90.43	150.39	115.82	147.22
Flounder, Summer	1,038.38	2,117.46	1,640.30	542.33	1,176.30	948.13
Groupers	172.12	197.42	210.25	195.87	209.58	268.73
Herring, Thread	185,959.85	375,954.59	570,170.00	885,204.00	439,100.00	1.80
Hog Snapper	36.79	52.11	30.35	30.86	27.74	31.73
Mackerel, King	170.56	216.75	248.29	292.34	280.64	299.33
Mackerel, Spanish	112.75	93.38	101.50	128.06	90.00	129.58
Monkfish	401.86	713.56	588.66	971.08	989.50	738.35
Perch, White	28.81	18.33	23.93	17.46	20.30	38.49
Perch, Yellow	14.88	17.08	13.33	15.31	16.61	20.10
Porgies	70.33	82.55	95.77	74.48	70.62	50.12
Scup	2,508.59	193.93	619.58	64.98	391.71	2.00
Shad Hickory	27.19	24.68	51.69	51.18	36.84	30.77
Shad, American	27.15	47.74	38.38	38.74	64.25	27.90
Shad, Gizzard	78.48	123.27	118.33	99.24	83.28	73.98
Sharks	1,346.08	1,264.98	1,197.19	827.40	902.73	1,380.82
Sharks, Dogfishes	4,054.87	3,588.04	4,047.89	2,914.01	2,660.62	2,239.78
Snappers	160.51	173.32	184.03	166.05	171.72	244.08
Spot	269.55	262.19	185.67	190.96	211.09	182.70
Swordfish	680.83	771.62	984.15	1,030.79	1,274.35	3,413.57
Tilefishes	423.37	290.89	282.18	192.78	109.13	131.78
Triggerfish	116.73	147.05	159.16	148.56	144.47	100.06
Tunas	308.06	523.23	472.98	282.48	359.72	344.93
Wahoo	45.46	51.95	60.76	51.44	62.95	62.96
Weakfish	200.41	200.01	225.32	167.70	199.00	153.31
Other Finfish	109.45	104.94	93.01	88.31	69.49	62.27
Total	267,046.62	449,822.04	616,910.21	936,430.59	475,565.18	24,499.20

Annual CPUE for major finfish species by from 1994 to 2017 continued.

Year	2000	2001	2002	2003	2004	2005
Species	CPUE	CPUE	CPUE	CPUE	CPUE	CPUE
Bass, Striped	34.81	51.89	62.20	49.40	97.51	79.46
Flounder, Southern	85.51	97.82	102.87	79.90	90.67	80.04
Herring, River	135.04	216.33	91.92	95.70	125.44	139.52
Kingfishes	63.76	67.81	95.74	96.69	83.69	58.30
Red Drum	27.78	16.88	12.13	13.23	15.27	15.50
Spotted Seatrout	33.50	16.29	19.83	30.43	22.83	22.30
Striped Mullet	207.55	216.08	244.43	169.44	204.19	201.52
Amberjack	95.50	97.81	102.41	121.75	113.18	128.94
American Eel	220.66	232.76	208.85	402.96	365.08	220.98
Atlantic Croaker	857.12	927.70	1,155.89	1,960.22	1,522.34	1,828.46
Atlantic Menhaden	13,577.83	10,313.46	11,363.21	11,348.91	15,462.54	3,367.06
Atlantic Spadefish	35.92	38.81	33.33	43.02	38.85	35.16
Bass, Sea	245.09	245.75	238.72	412.29	397.73	366.08
Bluefish	289.32	372.24	229.35	403.78	468.55	338.78
Catfishes	72.01	45.88	33.73	35.97	51.87	53.68
Dolphin	159.34	133.90	117.45	193.42	229.22	159.36
Flounder, Summer	1,338.57	1,625.65	2,378.53	1,989.11	2,485.44	3,756.44
Groupers	279.61	232.38	261.34	309.29	286.86	286.06
Herring, Thread	176,885.25	0.00	321,082.22	1.30	0.00	576.08
Hog Snapper	24.00	30.05	34.76	32.39	40.84	31.89
Mackerel, King	257.27	229.77	246.73	277.92	295.94	333.09
Mackerel, Spanish	144.93	174.03	214.18	183.82	208.43	164.45
Monkfish	984.36	380.32	433.97	515.11	647.94	245.50
Perch, White	24.59	35.70	36.98	61.73	43.19	36.95
Perch, Yellow	22.03	26.13	24.98	28.30	20.98	19.71
Porgies	36.06	40.30	45.58	33.41	34.60	33.94
Scup	0.00	0.00	0.00	5,500.15	6,232.79	3,421.57
Shad Hickory	35.26	51.40	28.72	34.40	80.63	75.55
Shad, American	56.47	29.99	63.99	86.41	68.47	49.98
Shad, Gizzard	116.10	220.16	153.90	148.01	97.03	92.90
Sharks	1,067.77	922.32	1,536.62	1,256.57	1,304.13	1,297.51
Sharks, Dogfishes	2,498.53	918.63	728.62	743.18	1,416.90	1,006.71
Snappers	318.71	307.72	286.06	238.05	282.41	341.89
Spot	213.91	259.73	166.36	185.83	219.16	177.92
Swordfish	2,676.14	2,536.93	2,642.57	3,646.67	3,319.20	2,900.95
Tilefishes	201.10	197.91	381.20	202.09	225.80	112.57
Triggerfish	73.93	65.05	65.66	108.40	107.42	134.73
Tunas	539.76	493.74	353.93	352.19	441.14	488.68
Wahoo	56.23	54.97	66.73	56.28	65.30	60.40
Weakfish	133.58	162.95	181.15	96.56	80.13	54.07
Other Finfish	53.71	49.91	52.56	41.41	56.12	51.28
Total	204,178.63	22,137.14	350,749.63	31,585.68	37,349.82	22,845.95

Annual CPUE for major finfish species by from 1994 to 2017 continued.

Year	2006	2007	2008	2009	2010	2011
Species	CPUE	CPUE	CPUE	CPUE	CPUE	CPUE
Bass, Striped	35.39	69.92	84.99	64.93	69.48	73.74
Flounder, Southern	87.31	73.35	89.84	81.52	82.79	78.90
Herring, River	106.75	50.14	51.68	23.81	43.05	53.70
Kingfishes	84.60	118.63	127.35	100.30	144.58	96.83
Red Drum	16.95	19.60	19.15	17.20	26.09	17.73
Spotted Seatrout	32.43	33.78	28.72	26.94	30.99	17.09
Striped Mullet	221.08	182.28	200.87	200.12	209.27	214.82
Amberjack	98.95	90.40	103.45	113.16	141.95	104.74
American Eel	236.49	276.91	372.39	511.57	749.10	448.99
Atlantic Croaker	1,762.13	1,222.66	948.85	853.69	1,005.25	1,044.68
Atlantic Menhaden	231.30	370.78	340.31	1,030.42	796.05	1,853.02
Atlantic Spadefish	17.15	20.09	13.08	18.34	38.82	34.51
Bass, Sea	354.06	257.49	271.65	316.61	357.20	463.06
Bluefish	317.98	239.29	207.57	257.23	396.84	224.71
Catfishes	53.46	53.37	45.79	44.34	49.33	77.36
Dolphin	164.04	283.12	256.92	427.35	242.71	109.42
Flounder, Summer	3,236.92	2,081.15	2,416.27	2,414.73	3,262.06	4,337.57
Groupers	318.31	286.43	287.98	257.67	310.80	293.05
Herring, Thread	13.00	0.00	0.00	0.00	0.00	653.68
Hog Snapper	33.01	34.03	49.00	55.87	77.66	81.76
Mackerel, King	302.97	233.28	303.88	238.01	203.60	288.25
Mackerel, Spanish	189.86	177.09	171.02	238.78	252.87	241.33
Monkfish	330.57	354.15	290.16	277.30	197.10	166.21
Perch, White	32.64	35.56	77.30	72.63	48.31	67.24
Perch, Yellow	28.29	32.02	24.33	28.60	28.67	18.68
Porgies	44.01	58.53	69.61	75.47	75.22	90.33
Scup	1,296.87	999.69	2,287.42	4,442.49	1,632.59	3,813.67
Shad Hickory	26.68	21.02	30.60	45.01	52.98	50.37
Shad, American	50.73	80.94	50.71	61.06	65.11	70.53
Shad, Gizzard	76.79	96.81	123.03	128.70	108.90	116.66
Sharks	904.13	412.68	525.05	519.03	680.46	611.13
Sharks, Dogfishes	735.88	798.03	1,056.87	1,752.50	2,104.67	2,088.61
Snappers	264.22	325.62	321.69	254.65	484.51	499.04
Spot	158.47	115.67	103.80	113.24	119.91	170.30
Swordfish	2,387.12	2,210.26	2,002.52	2,275.49	2,715.23	3,010.21
Tilefishes	349.59	139.61	758.53	806.35	788.27	518.70
Triggerfish	109.11	109.72	127.55	133.51	189.17	230.58
Tunas	623.92	557.57	396.87	370.32	354.36	550.05
Wahoo	63.18	63.13	58.51	71.60	78.91	81.80
Weakfish	50.16	28.82	25.38	34.58	22.26	16.56
Other Finfish	48.83	44.75	45.92	39.23	48.73	45.94
Total	15,495.32	12,658.39	14,766.60	18,794.34	18,285.84	23,025.56

Annual CPUE for major finfish species by from 1994 to 2017 continued.

Year	2012	2013	2014	2015	2016	2017
Species	CPUE	CPUE	CPUE	CPUE	CPUE	CPUE
Bass, Striped	34.36	26.57	26.29	29.23	29.65	28.09
Flounder, Southern	78.66	92.73	92.35	86.66	67.32	77.62
Herring, River	37.67	39.11	87.62	0.00	0.00	0.00
Kingfishes	87.13	74.35	130.99	131.24	129.51	136.91
Red Drum	15.57	23.43	23.11	19.48	16.16	18.39
Spotted Seatrout	28.02	24.03	33.54	26.65	35.57	30.75
Striped Mullet	220.51	158.04	218.49	169.97	141.52	176.57
Amberjack	188.66	146.30	239.15	213.00	182.14	194.77
American Eel	344.68	414.39	394.51	447.99	448.44	247.53
Atlantic Croaker	584.39	342.50	414.42	413.61	570.38	265.88
Atlantic Menhaden	248.75	179.24	288.12	338.72	154.34	290.23
Atlantic Spadefish	22.82	24.13	37.37	26.35	30.10	18.74
Bass, Sea	304.77	273.83	307.60	315.97	279.58	414.35
Bluefish	92.37	140.01	263.20	125.62	166.56	192.91
Catfishes	68.62	64.09	81.44	112.17	130.95	159.91
Dolphin	258.32	186.82	463.77	561.12	457.06	260.52
Flounder, Summer	1,714.18	733.80	3,747.43	3,970.69	2,350.84	1,880.92
Groupers	290.13	237.02	221.91	212.01	194.95	176.10
Herring, Thread	214.81	1,304.35	528.92	460.34	286.94	240.18
Hog Snapper	65.52	70.07	76.90	63.37	68.62	113.50
Mackerel, King	211.39	249.77	298.90	281.93	294.18	361.71
Mackerel, Spanish	247.49	218.11	216.85	189.41	196.61	293.53
Monkfish	87.65	98.75	263.42	555.98	183.69	369.97
Perch, White	46.67	55.32	43.81	38.64	55.05	51.55
Perch, Yellow	15.09	16.18	34.19	23.39	20.38	23.14
Porgies	92.55	82.78	92.29	71.21	59.80	71.81
Scup	304.15	699.78	1,866.37	3,893.15	1,598.69	2,627.78
Shad Hickory	29.80	25.37	60.39	78.68	57.06	46.60
Shad, American	72.51	86.24	120.17	63.92	57.69	67.00
Shad, Gizzard	115.28	147.37	246.44	116.49	143.46	159.34
Sharks	459.04	495.23	825.15	679.04	631.18	704.39
Sharks, Dogfishes	2,002.82	2,501.00	3,579.27	3,826.82	3,013.40	1,483.81
Snappers	435.83	381.95	335.68	349.44	361.93	274.53
Spot	119.00	104.09	100.95	86.77	68.15	89.17
Swordfish	2,980.79	2,851.99	2,455.51	2,354.20	1,848.19	1,769.73
Tilefishes	863.86	542.70	281.09	203.38	184.47	174.93
Triggerfish	174.10	286.23	359.33	226.40	177.39	143.99
Tunas	523.68	466.86	518.47	489.27	496.17	594.63
Wahoo	83.71	86.27	103.09	85.89	88.48	111.26
Weakfish	16.66	16.88	17.88	17.97	17.97	18.40
Other Finfish	43.89	50.89	60.15	64.88	50.03	45.97
Total	13,825.91	14,018.56	19,556.56	21,421.05	15,344.60	14,407.11