

Mid-Atlantic

- Delaware
- Maryland
- New Jersey
- New York
- Virginia



Management Context

The Mid-Atlantic Region includes Delaware, Maryland, New Jersey, New York, Pennsylvania, and Virginia. Federal fisheries in this region are managed by the Mid-Atlantic Fishery Management Council (MAFMC) and NOAA Fisheries (NMFS) under seven fishery management plans (FMPs). Two of these FMPs are developed in conjunction with the New England Fisheries Management Council (NEFMC). The MAFMC is the lead Council for the Dogfish FMP and the NEFMC is the lead for the Monkfish FMP.

Mid-Atlantic Region FMPs

1. Atlantic mackerel squids and butterfish
2. Atlantic Bluefish
3. Spiny dogfish (with the NEFMC)
4. Summer flounder scup and black sea bass
5. Surfclam and ocean quahog
6. Golden tilefish
7. Monkfish (with the NEFMC)

None of the stocks or stock complexes in this region are currently overfished or subject to overfishing. Currently, the MAFMC is working on amendments to the Atlantic mackerel, squid and butterfish FMP to protect deepsea corals from the impacts of bottom-tending fishing gear in the Mid-Atlantic; and an omnibus amendment to consider alternative accountability measures for the recreational Atlantic mackerel, bluefish, summer flounder, scup, and black sea bass fisheries. There are two catch share programs in the Mid-Atlantic. These are the: 1) Atlantic Surfclam and Ocean Quahog Individual Transferable Quota (ITQ) program and 2) Golden Tilefish Individual Fishing Quota (IFQ) program. Below is a description of these catch share programs and their performance. Since the surfclam and ocean quahog fisheries are prosecuted as independent fisheries despite being in the same ITQ program, they are discussed separately below.

Atlantic Surfclam ITQ Program This program was implemented in 1990 to conserve the surfclam resource and stabilize harvest rates; simplify regulatory requirements to minimize public and private management costs; promote economic efficiency by bringing harvest capacity in line with processing and biological capacity; and create a management approach that is flexible and adaptive to short-term events or circumstances. The key performance indicators of this program show that since implementation from 1990 through 2011, quota of surfclam increased while landings, total revenue, and price of surfclams per bushel decreased.

Atlantic Ocean Quahog ITQ Program This program was implemented in 1990 to conserve the quahog resource and stabilize harvest rates; simplify regulatory requirements to minimize public and private management costs; promote economic efficiency by bringing harvest capacity in line with processing and biological capacity; and create a management approach that is flexible and adaptive to short-term events or circumstances. The

key performance indicators of this program show that since implementation from 1990 through 2011, quahog price per bushel increased while quota, landings, and total revenue decreased.

Golden Tilefish IFQ Program This program was implemented in 2009 to reduce overcapacity and eliminate problems associated with the race to fish golden tilefish. The golden tilefish IFQ program is unique because many key events occurred outside the traditional management process. Prior to the implementation of the IFQ program, fishermen crafted internal agreements that aided cooperation. Their cooperative operations helped fishing businesses stay viable under new regulations, which laid the foundation for implementing the IFQ program. The key performance indicators of this program show that since implementation from 2009 through 2011, the average price per pound of golden tilefish increased while quota, landings, and total revenue decreased.

Commercial Fisheries

In 2012, commercial fishermen in the Mid-Atlantic Region landed 751 million pounds of finfish and shellfish, earning \$488 million in landings revenue. Landings revenue was dominated by sea scallop (\$169 million) and blue crab (\$100 million). These species commanded ex-vessel prices of \$9.58 and \$1.16 per pound, respectively, and comprised 55% of total landings revenue, but only 14% of total landings in the Mid-Atlantic Region.

Key Mid-Atlantic Region Commercial Species

- American lobster
- Atlantic surf clam
- Blue crab
- Eastern oyster
- Menhaden
- Quahog clam
- Sea scallop
- Squid
- Striped Bass
- Summer flounder

New Jersey and Virginia had the highest landings revenue in the region in 2012, \$188 million and \$176 million, respectively. These two states were followed by Maryland (\$78 million). In terms of pounds landed, Virginia had the highest landings (462 million pounds), followed by New Jersey (181 million pounds) and Maryland (73 million pounds).

Economic Impacts¹

In 2012, the Mid-Atlantic region's seafood industry generated 137,477 jobs, \$18 billion in sales, \$4 billion in income, and \$6.5 billion in value added impacts across all five states. The smallest economic impacts were generated in Delaware (367 jobs, \$47 million in sales, \$9.6 million in income, and \$16 million in value added) while the largest impacts were generated in New Jersey (50,754 jobs, \$7.9 billion in sales, \$1.8 billion in income, and \$2.9 billion in value added).

The sector that generated the greatest employment impacts by state was the retail sector with 26,000 jobs in New York. More sales impacts were generated by importers in New Jersey than any other sector in any another state in the region at \$5.5 billion and the greatest value added impacts were also generated by importers in New Jersey (\$1.7 billion).

¹The NMFS Commercial Fishing Industry Input/Output Model was used to generate the impact estimates (see NMFS Commercial Fishing & Seafood Industry Input/Output Model, available at: www.st.nmfs.noaa.gov/documents/commercial_seafood_impacts_2007-2009.pdf)

Commercial Fisheries Facts

Landings revenue

- On average, between 2003 and 2012, the key species or species groups accounted for 84% of total revenue, generating \$375 million in the Mid-Atlantic Region.
- Sea scallop had higher landings revenues than any other species or species group, averaging \$163 million in landings revenue from 2003 to 2012.
- Squid had the largest one-year increase in landings revenue over the 10 year time period, increasing 120% from \$6.5 million in 2003 to \$14 million in 2004.
- Eastern oyster had the largest one-year decrease in landings revenue over the 10 year time period, decreasing 45% from \$12 million in 2010 to \$6.6 million in 2011.

Landings

- Key species or species groups contributed an average of 85% annually to total landings between 2003 and 2012.
- Menhaden, contributed the most to landings in the region, averaging 439 million pounds from 2003 to 2012.
- Squid had the largest one-year increase in landings over the 10 year time period, increasing 297% from 10 million in 2003 pounds to 42 million pounds in 2004.
- Squid had the largest one-year decrease in landings over the 10 year time period, decreasing 71% from 42 million pounds in 2004 to 12 million pounds in 2005.

Prices

- Sea scallop had the highest average annual ex-vessel price per pound (\$6.92) over the time period, followed by quahog clam (\$6.58), and Eastern oyster (\$5.72).
- Menhaden had the lowest average annual ex-vessel price per pound (\$0.07) over the time period, followed by Atlantic surf clam (\$0.59), and squid (\$0.69).
- Squid had the largest one-year increase in ex-vessel price over the 10 year time period, increasing 121% from \$0.34 per pound in 2004 to \$0.75 in 2005.
- Squid had the largest decrease in ex-vessel price over the 10 year time period, decreasing 48% from \$0.86 per pound in 2009 to \$0.45 in 2010.

Landings Revenue

Landings revenue in the Mid-Atlantic Region totaled \$488 million in 2012. This was a 37% increase (a 2% decrease in real terms) from 2003 levels (\$357 million) and a 8.6% decrease (a 8.2% decrease in real terms) relative to 2011 (\$534 million). Totaling \$358 million in 2012, shellfish revenue experienced a 33% increase (a 4.9% decrease in real terms) from 2003 to 2012 and experienced a 13% decrease (13% decrease in real terms) from 2011 to 2012.

Virginia earned the most from finfish landings (\$62 million), followed by New Jersey (\$29 million), and New York (\$24 million). Shellfish landings revenue was dominated by New Jersey (\$159 million), followed by Virginia (\$114 million), and Maryland (\$63 million).

Sea scallop and blue crab had the highest landings revenue in the Mid-Atlantic Region in 2012. Between 2003 and 2012, the landings revenue from sea scallop increased 51% (a 8.1% increase in real terms) and the landings revenue for blue crab 65% increase (a 18% increase in real terms).

From 2003 to 2012, species or species groups with large changes in landings revenue include squid (increased 174%), blue crab (increased 65%), and menhaden (increased 64%). Species or species groups with large changes in landings revenue between 2011 and 2012 include eastern oyster (increasing 28%), quahog clam (increasing 27%), and Atlantic surf clam (decreasing 27%).

Landings

Fishermen in the Mid-Atlantic Region landed 751 million pounds of finfish and shellfish in 2012. This was a 5.7% increase from the 711 million pounds landed in 2003 but a 5.1% decrease from the 791 million pounds landed in 2011. Finfish landings contributed 76% of total landings in the Mid-Atlantic Region (568 million pounds) in 2012. From 2011 to 2012, finfish landings experienced a 1.7% decrease. Over the same time period, shellfish landings experienced a 14% decrease from 213 million pounds in 2011 to 183 million pounds in 2012 and a 6.6% decrease from 196 million pounds in 2003. Menhaden and blue crab had the highest annual landings in the Mid-Atlantic Region in 2012, with 492 million pounds and 86 million pounds, respectively. Together they accounted for 77% of the total landings in 2012. Menhaden landings increased 23% and blue crab landings increased 54% from 2003 to 2012.

From 2003 to 2012, species or species groups with large changes in landings include squid (increasing 149%), Atlantic surf clam (decreasing 65%), and blue crab (increasing 54%). Species or species groups with large changes in landings between 2011 and 2012 include quahog clam (increasing 57%), eastern oyster (increasing 29%), and Atlantic surf clam (decreasing 26%).

Prices

The ex-vessel prices for the Mid-Atlantic Region's key species and species groups in 2012 were higher than their 10 year average for seven of the key species (two of the species in real terms). Ex-vessel prices for sea scallop and summer flounder experienced the biggest increases between 2003 and 2012, increasing 141% (72.9% in real terms) and 51% (8.5% in real terms), respectively. Relative to the ex-vessel prices in 2011, the Mid-Atlantic Region's summer flounder experienced the greatest increase (22.8%, 23.3% in real terms) from \$1.80 in 2011 to \$2.21 in 2012. Of the changes in ex-vessel price experienced by species or species groups between 2011 and 2012, quahog clam experienced the greatest decrease (19.5%, 19.1% in real terms) from \$8.53 to \$6.87. Relative to ex-vessel prices in 2011, four species or species groups experienced increases, including summer flounder (23%), and blue crab (18%).

In Delaware, the species or species group with the largest change in ex-vessel price from 2003 to 2012 was weakfish (105%

increase, 47% increase in real terms) from \$0.91 to \$1.87. The largest change in ex-vessel price experienced in Maryland was for White perch (89% increase, 36% increase in real terms from \$0.38 to \$0.72 and in New Jersey the largest change in ex-vessel price was experienced by atlantic mackerel (222% increase, 131% increase in real terms from \$0.09 to \$0.29).

Recreational Fishing

In 2012, over 2.3 million recreational anglers took 14 million fishing trips in the Mid-Atlantic Region. Over 92% of these anglers were residents of a regional coastal county. Of the total fishing trips taken, 53% of them were taken from a private or rental boat and another 40% were shore-based. Summer flounder were the most frequently caught species or species group with 15 million fish caught in 2012, and represented 26% of total fish caught in the region. Of the summer flounder caught, 87% of them were released rather than harvested.

Economic Impacts and Expenditures¹

The contribution of recreational fishing activities in the Mid-Atlantic Region are reported in terms of economic impacts at the state level (employment, sales, income, and value added impacts) and expenditures on fishing trips and durable equipment at the regional level. Employment impacts in New Jersey were the highest in the region with over 13,000 full- and part-time jobs generated by recreational fishing activities in the state. Virginia (8,100 jobs), and Maryland (5,700 jobs), followed in terms of employment impacts.

Overall, these employment impacts were generated by expenditures on recreational fishing trips taken by anglers (private or rental boat, for-hire boat, or shore-based trips) and expenditures on durable equipment. Throughout the Mid-Atlantic Region, most of the employment impacts in 2012 were generated by expenditures on durable equipment: 83% in Virginia, 80% in New Jersey, and 78% in Maryland.

In addition to employment impacts, the contribution of recreational fishing activities to Mid-Atlantic Region's economy can be measured in terms of sales impacts and the contribution of these activities to gross domestic product (value added impacts). In 2012, sales impacts were the highest in New Jersey (\$1.9 billion in sales impacts), followed by Virginia (\$834 million), Maryland (\$637 million), New York (\$381 million), and Delaware (\$118 million). In the same year, value added impacts were the highest in New Jersey (\$1.1 billion in value added impacts), followed by Virginia (\$540 million), Maryland (\$426 million), New York (\$242 million), and Delaware (\$83 million).

Overall, total fishing trip and durable equipment expenditures across the Mid-Atlantic Region in 2012 were \$3.5 billion. Approximately 79% of these expenditures were generated by durable equipment purchases. The greatest expenditures were for boat expenses (\$1.3 billion), followed by fishing tackle (\$693 million), vehicle expenses (\$407 million), other equipment (\$178 million), and second home expenses (\$165 million). Fishing trip-related expenditures by the Mid-Atlantic Region's

¹Expenditure estimates were generated from the 2011 National Marine Recreational Fishing Expenditure Survey. Economic impacts from recreational fishing activities were generated using the NMFS Recreational Economic Impact Model (see The Economic Contribution of Marine Angler Expenditures in the United States, 2006, available at: <http://www.st.nmfs.noaa.gov/economics/publications/marine-angler-expenditures/marine-angler-2006>)

non-residents totaled over \$211 million of which the greatest portion can be attributed to private boat-based fishing trips (\$94 million). Residents of the Mid-Atlantic Region spent \$521 million on saltwater fishing trips, with the most of these expenses generated by private boat trips (\$316 million).

Key Mid-Atlantic Region Recreational Species

- Black seabass
- Bluefish
- Atlantic croaker
- Spot
- Scup
- Striped bass
- Summer flounder
- Weakfish drum
- Winter flounder
- Tautog

Participation

There were 2.3 million recreational anglers who fished in the Mid-Atlantic Region in 2012. This was a 4.4% decrease from 2003 (2.4 million anglers). These anglers were Mid-Atlantic Region residents from either a coastal county (2.1 million anglers) or non-coastal county (175,000 anglers). About 92% of total anglers in 2012 were residents of a coastal county. Coastal county angler participation in 2012 decreased 6.1% relative to 2003 (2.2 million anglers) and decreased 7% between 2011 and 2012. Non-coastal county angler participation increased 22% relative to 2003 (144,000 anglers) and increased 20% relative to 2011 (145,000 anglers).

Fishing Trips

Recreational fishermen took 14 million fishing trips in the Mid-Atlantic Region in 2012. This was a 27% decrease from 2003 (20 million trips) and was 1.5 million fewer trips than taken in 2011. Of the total trips taken in the Mid-Atlantic Region in 2012, approximately 53% of the trips were private or rental boat-based (7.7 million trips). The other most popular mode of fishing was shore based with 5.8 million trips in 2012.

Harvest and Release

Of the Mid-Atlantic Region's key species and species groups, summer flounder (15 million fish), Atlantic croaker (13 million fish), black seabass (8.8 million fish) and bluefish (6.9 million fish) were the most often caught by anglers in 2012. Summer flounder (87% released), black seabass (87% released), tautog (87% released), weakfish drum (86% released), striped bass (78% released), scup (70% released), Atlantic croaker (64% released), and bluefish (62% released) were more often released rather than harvested. Anglers harvested more often than released winter flounder (55% harvested) and drum (spot) (52% harvested) .

Recreational Fishing Facts

Participation

- An average of 2.8 million anglers fished in the Mid-Atlantic Region annually from 2003 to 2012.
- In 2012, coastal county residents made up 92% of total anglers in this region. These anglers averaged 93% of total anglers annually over the 10 year time period.
- The largest annual increase in the number of coastal anglers during the 10 year time period occurred between 2004 and 2005, increasing 27%, from 2.4 million anglers to 3 million anglers.
- The largest annual decrease during the same period for coastal anglers occurred between 2008 and 2009, decreasing 14%, from 2.8 million anglers to 2.4 million anglers.

Fishing trips

- In the Mid-Atlantic Region, an average of 19 million fishing trips were taken annually from 2003 to 2012.
- Private or rental boat and shore-based fishing trips accounted for 7.7 million and 5.8 million fishing trips, respectively, in 2012. Together these made up 93% of the fishing trips taken in that year.
- The largest annual increase in the number of total trips taken annually over the 10 year time period occurred between 2004 and 2005, increasing 12%, from 19 million trips to 21 million trips.
- The largest annual decrease during the same period in total trips taken occurred between 2008 and 2009, decreasing 18%, from 21 million trips to 17 million trips.

Harvest and release

- Summer flounder was the most commonly caught key species or species group, averaging 20 million fish over the 10 year time period. Of these, 88% were released rather than harvested.
- Of the ten commonly caught key species or species groups, eight were released more often than harvested over this time period.
- The species or species group that was most commonly released was summer flounder (88% released).
- Spot (64% harvested), followed by winter flounder (60% harvested), and Atlantic croaker (47% harvested) were key species or groups that experienced the greatest proportion of harvests rather than releases.

At the state level, summer flounder was the most often caught key species or species group in the Mid-Atlantic Region with 15 million fish caught, region-wide. Most of these fish were caught in New Jersey, New York, and Delaware with 8.1 million, 5.5 million, and 298,000 fish, respectively. The most frequently caught fish in Maryland was white perch with 5.7 million fish and Atlantic croaker was the most commonly caught fish in Virginia (8.6 million) in 2012.

Between 2003 and 2012, ten of the Mid-Atlantic Region's key species or species groups showed decreases in catch totals. Key species or groups with the largest decreases were winter flounder (89%), scup (69%), and striped bass (54%).

¹Information for 2011 is reported in this section; 2012 data were not available for this report.

Marine Economy¹

Across all sectors of the economy in Delaware, Maryland, New Jersey, New York, and Virginia nearly 16 million full- and part-time employees were employed by about 1.1 million establishments in 2011. Annual payroll totaled \$883 billion. Total employee compensation in the Mid-Atlantic region totaled \$1.4 trillion and the combined gross state product of all states totaled about \$2.5 trillion. In 2011, the commercial fishing location quotient (CFLQ) for New Jersey was the highest in the region at 1.07. New Jersey's CFLQ suggests that the level of employment in commercial fishing-related industries in this state is approximately 1.07 times higher than the level of employment in these industries nationwide. CFLQ figures for 2011 were available for four out of the five states in the Mid-Atlantic region. Other than New Jersey, CFLQ's are much less than 1.

Seafood Sales and Processing

In 2011, there were more than 299 nonemployer firms engaged in seafood product preparation and packaging across the Mid-Atlantic region (data was not available for Delaware). This was a 62% increase from 2003 levels. New York (142) and Virginia (73) accounted for a large majority of nonemployer firms. Nonemployer firms in the seafood product preparation and packaging sector (excluding Delaware) had receipts totaling \$17 million in 2011. The number of employer establishments in this sector decreased 31% from 96 in 2003 to 66 in 2011. The largest number of employer establishments (18) engaged in seafood product preparation and packaging was located in New York and Virginia. The number of employees in the seafood product preparation and packaging sector decreased 37% from 3,135 employees in 2003 to 1,980 in 2011 (this excludes Delaware firms). Payroll in this sector (excluding Delaware) was \$85 million in 2011, a small (9.4%) decline from 2003.

There were 508 seafood wholesale establishments in the Mid-Atlantic region in 2011, a decrease of 3.6% from 2003. Most of these firms were located in New York. The number of employees in the seafood wholesale sector decreased 11% from 4,531 employees in 2003 to 4,055 in 2011. Payroll in this sector was \$172 million in 2011.

Nonemployer firms engaged in seafood retail sales in the Mid-Atlantic region totaled 424 in 2011, a 22% decrease from 2003 levels. New York, with 183, and Maryland, with 86 firms, had the largest number of firms in this sector. Nonemployer firms engaged in retail sales of seafood had receipts totaling \$41 million in 2011. Region-wide, there were 664 employer establishments in the seafood retail sales sector in 2011, a decrease of 3.1% from 2003. Most of these firms were located in New York (391) and New Jersey (109). The number of employees in the seafood wholesale sector increased 11% from 2,596 employees in 2003 to 2,880 in 2011. Payroll in this sector was \$65 million in 2011.

Transport, Support, and Marine Operations

The size of the Transport, Support, and Marine Operations sectors in the Mid-Atlantic region is difficult to assess because much of the state-level data is suppressed for confidentiality purposes. It is clear, however, that these sectors play an important role in the regional economy. For example, more than 936 establishments were classified as marinas over all five states, employing 4,900 workers and spending \$201 million on payroll in 2011 (employee totals exclude Delaware). Marine cargo handling also accounted for 65 establishments employing more than 7,198 workers and contributing \$487 million in payroll across all of the states in the region. Coastal and deep sea freight transportation also played a large role in New York's economy.

2012 Economic Impacts of the Mid-Atlantic Region Seafood Industry (thousands of dollars)

	Landings Revenue	Jobs	Sales	Income	Valued Added
Delaware	7,897	367	46,713	9,607	15,690
Maryland	77,859	15,622	1,800,489	440,159	686,761
New Jersey	187,732	50,754	7,921,903	1,766,641	2,871,912
New York	39,136	51,681	6,366,436	1,352,047	2,243,446
Virginia	175,640	19,052	1,538,449	461,762	673,068

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	357,210	407,276	440,084	374,266	423,359	452,776	435,984	524,239	534,200	488,316
Finfish & other	87,702	87,648	101,538	106,473	104,001	91,595	102,038	113,919	122,523	130,581
Shellfish	269,508	319,628	338,547	267,793	319,358	361,181	333,946	410,321	411,678	357,735
American lobster	5,569	5,656	6,696	9,105	8,744	7,213	5,989	6,265	4,687	5,248
Atlantic surf clam	35,366	26,760	27,084	27,241	32,479	30,019	26,426	19,940	18,737	13,718
Blue crab	60,799	69,364	71,073	55,628	69,498	80,912	80,019	128,490	99,340	100,410
Eastern oyster	8,903	5,663	6,703	6,343	9,039	11,205	9,356	12,014	6,601	8,428
Menhaden	24,352	25,570	28,188	25,104	29,918	24,457	28,581	40,341	39,676	40,023
Quahog clam	20,160	19,918	20,773	20,230	23,601	35,853	23,022	28,880	19,994	25,351
Sea scallop	111,969	160,665	181,327	121,121	147,053	165,916	161,814	184,288	227,443	168,921
Squid	6,497	14,278	9,163	7,937	7,443	7,724	7,158	12,031	20,646	17,819
Striped Bass	9,751	7,633	11,335	9,958	10,993	10,671	11,459	11,419	12,653	14,608
Summer flounder	10,678	13,244	13,615	13,432	10,855	9,693	9,980	12,854	15,578	17,161

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	710,738	757,107	708,741	690,920	750,026	687,838	695,009	814,205	791,154	751,144
Finfish & other	514,804	529,453	517,898	511,013	556,767	482,200	490,284	579,688	577,875	568,082
Shellfish	195,934	227,654	190,843	179,906	193,259	205,638	204,725	234,517	213,278	183,063
American lobster	1,181	1,394	1,585	1,772	1,604	1,520	1,576	1,549	1,085	1,266
Atlantic surf clam	64,601	50,984	50,921	46,631	53,952	48,099	41,692	30,945	30,272	22,418
Blue crab	56,047	68,979	70,983	61,862	65,070	67,975	76,097	119,684	101,485	86,424
Eastern oyster	1,493	859	1,202	962	2,388	1,778	1,438	1,768	1,451	1,865
Menhaden	398,744	421,309	412,672	400,662	472,086	397,537	395,469	499,867	496,847	492,402
Quahog clam	3,311	3,537	3,735	3,568	4,115	5,246	3,255	3,686	2,345	3,689
Sea scallop	28,213	33,381	24,526	18,747	22,793	24,355	25,646	23,998	23,385	17,627
Squid	10,462	41,586	12,260	10,520	8,607	8,241	8,310	26,822	33,333	26,069
Striped Bass	5,273	3,927	5,706	4,741	5,477	5,693	5,852	5,621	5,461	5,571
Summer flounder	7,315	8,400	8,360	6,608	4,725	4,260	5,137	6,386	8,659	7,777

Average Annual Price of Key Species/Species Groups (dollars per pound)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American lobster	4.71	4.06	4.22	5.14	5.45	4.75	3.80	4.04	4.32	4.15
Atlantic surf clam	0.55	0.52	0.53	0.58	0.60	0.62	0.63	0.64	0.62	0.61
Blue crab	1.08	1.01	1.00	0.90	1.07	1.19	1.05	1.07	0.98	1.16
Eastern oyster	5.96	6.59	5.58	6.60	3.79	6.30	6.51	6.79	4.55	4.52
Menhaden	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.08	0.08	0.08
Quahog clam	6.09	5.63	5.56	5.67	5.74	6.83	7.07	7.84	8.53	6.87
Sea scallop	3.97	4.81	7.39	6.46	6.45	6.81	6.31	7.68	9.73	9.58
Squid	0.62	0.34	0.75	0.75	0.86	0.94	0.86	0.45	0.62	0.68
Striped Bass	1.85	1.94	1.99	2.10	2.01	1.87	1.96	2.03	2.32	2.62
Summer flounder	1.46	1.58	1.63	2.03	2.30	2.28	1.94	2.01	1.80	2.21

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Income	Value Added
Delaware	876,000	1,242	117,752	53,406	82,821
Maryland	2,249,000	5,683	637,237	278,036	426,149
New Jersey	5,021,000	13,131	1,888,249	710,667	1,114,003
New York	3,766,000	2,959	381,299	151,104	241,947
Virginia	2,522,000	8,143	834,499	333,092	539,985

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	692,616
For-Hire	48,424	86,960	Other Equipment	177,611
Private Boat	93,530	315,650	Boat Expenses	1,297,310
Shore	68,958	118,729	Vehicle Expenses	407,263
<i>Total Trip Expenditures</i>	210,913	521,339	Second Home Expenses	164,876
			<i>Total Durable Equipment Expenditures</i>	2,739,674
Total State Trip and Durable Equipment Expenditures				3,471,926

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	2,229	2,363	3,002	2,876	3,234	2,823	2,437	2,598	2,244	2,093
Non-Coastal	144	157	252	224	212	197	187	178	145	175
Out-of-State ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Anglers	2,372	2,520	3,254	3,100	3,446	3,020	2,623	2,776	2,389	2,268

Recreational Fishing Effort by Mode (thousands of angler-trips)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	1,183	1,098	1,270	1,338	1,690	1,145	1,110	874	1,050	952
Private Boat	11,285	11,245	11,900	11,862	12,371	11,566	9,709	9,367	8,512	7,676
Shore	7,383	6,243	7,667	7,370	8,125	8,004	6,196	6,346	6,412	5,806
Total Trips	19,851	18,586	20,837	20,570	22,186	20,715	17,015	16,587	15,974	14,434

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Black seabass	H	3,033	1,318	996	1,118	1,302	927	1,334	1,317	533	1,134
	R	8,382	5,530	5,412	5,737	6,404	8,475	6,273	6,459	3,204	7,666
Bluefish	H	3,191	4,140	4,671	3,902	4,946	3,517	2,934	2,558	2,467	2,640
	R	4,197	6,304	6,641	5,697	8,013	7,212	4,457	3,937	4,243	4,269
Drum (Atlantic croaker)	H	9,350	10,401	10,494	9,252	8,582	9,980	7,308	6,020	3,992	4,789
	R	9,424	8,965	12,242	7,419	11,026	12,910	9,404	6,232	5,389	8,429
Drum (spot)	H	4,771	2,604	4,769	6,659	11,997	6,557	4,347	3,699	4,032	2,850
	R	1,656	1,304	4,755	2,885	3,940	4,491	2,238	2,573	2,609	2,642
Porgies (scup)	H	5,270	1,949	993	2,005	1,698	1,544	1,637	2,736	770	713
	R	2,378	3,729	2,254	3,543	2,501	3,172	2,292	2,413	1,041	1,628
Striped bass	H	1,662	1,475	1,602	2,027	1,776	1,682	1,388	1,406	1,655	949
	R	7,802	9,578	8,032	9,227	7,729	4,789	3,802	3,468	3,781	3,411
Summer flounder	H	3,923	3,468	3,337	3,197	2,544	1,723	1,563	1,227	1,511	1,967
	R	14,901	15,125	20,358	14,547	16,577	18,432	21,371	21,400	18,467	13,317
Weakfish drum	H	308	418	1,103	555	333	372	38	14	7	158
	R	1,361	1,421	1,969	2,051	1,037	1,987	178	458	467	957
Winter flounder	H	541	268	133	325	107	44	76	55	93	44
	R	183	66	221	189	41	32	136	103	126	36
Wrasses (tautog)	H	383	600	279	678	727	669	693	762	351	166
	R	1,011	1,373	859	2,006	2,201	1,978	1,912	2,317	1,529	1,109

¹NA = data are not available because out-of-state resident information is collected for individual states but whether an angler is a resident of a region is not specified

2012 Economic Impacts of the Delaware Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	367	46,713	9,607	15,690
Commercial Harvesters	164	14,469	3,443	4,662
Seafood Processors & Dealers	32	5,731	1,008	1,938
Importers	25	6,828	1,094	2,081
Seafood Wholesalers & Distributors	25	3,377	1,284	1,531
Retail	123	16,309	2,778	5,478

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	5,204	5,419	6,113	5,692	7,931	6,900	7,543	7,845	7,091	7,897
Finfish & other	1,465	1,258	1,273	1,330	1,300	1,100	1,068	1,074	1,328	1,241
Shellfish	3,739	4,161	4,840	4,361	6,631	5,801	6,475	6,772	5,763	6,657
American eel	230	169	100	275	292	190	134	206	274	159
Black sea bass	181	181	157	190	198	156	25	8	2	0
Blue crab	1,899	2,839	3,429	2,961	5,329	4,605	5,435	5,957	4,819	6,120
Eastern oyster	305	361	485	459	490	410	334	404	347	304
Quahog clam	435	175	220	ND ²	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	ND ¹	12	102	99	ND ¹	256	173	ND ¹	ND ¹	ND ¹
Spot	46	38	98	7	57	40	49	50	67	12
Striped bass	479	497	494	380	300	403	327	400	410	470
Weakfish	83	61	82	32	31	18	5	4	2	50
Whelks	1,079	690	562	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	5,018	4,288	4,851	4,380	5,346	4,706	5,011	5,214	4,921	5,239
Finfish & other	2,264	1,349	1,470	1,156	1,102	817	1,154	851	1,157	913
Shellfish	2,754	2,938	3,381	3,224	4,244	3,890	3,857	4,363	3,764	4,327
American eel	156	142	110	120	131	80	60	69	91	54
Black sea bass	98	84	73	87	73	61	6	3	4	0
Blue crab	1,792	2,276	2,924	2,856	3,799	3,508	3,414	4,110	3,502	4,201
Eastern oyster	76	79	84	75	80	67	67	71	62	52
Quahog clam	141	54	69	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	ND ¹	2	13	16	ND ¹	38	25	ND ¹	ND ¹	ND ¹
Spot	77	59	155	8	62	32	61	60	82	17
Striped bass	191	176	174	137	143	189	184	185	185	190
Weakfish	91	51	71	18	25	11	3	2	1	27
Whelks	729	491	276	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹

Average Annual Price of Key Species/Species Groups (dollars per pound)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American eel	1.48	1.19	0.91	2.28	2.22	2.38	2.24	3.00	3.03	2.93
Black sea bass	1.86	2.17	2.15	2.18	2.73	2.57	4.31	2.62	0.50	0.85
Blue crab	1.06	1.25	1.17	1.04	1.40	1.31	1.59	1.45	1.38	1.46
Eastern oyster	4.00	4.57	5.76	6.10	6.14	6.09	4.97	5.67	5.56	5.90
Quahog clam	3.09	3.26	3.18	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	ND ¹	5.18	8.08	6.27	ND ¹	6.81	6.80	ND ¹	ND ¹	ND ¹
Spot	0.60	0.65	0.63	0.97	0.92	1.24	0.81	0.84	0.82	0.75
Striped bass	2.50	2.82	2.84	2.78	2.09	2.13	1.77	2.16	2.21	2.47
Weakfish	0.91	1.18	1.16	1.76	1.27	1.75	1.93	1.56	2.01	1.87
Whelks	1.48	1.41	2.04	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹

²ND = these data are confidential thus not disclosable

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	35	3,911	1,785	2,648
Private Boat	170	20,126	5,809	9,946
Shore	178	17,956	5,560	9,276
Total Durable Equipment Impacts	859	75,759	40,252	60,951
Total State Trip and Durable Equipment Economic Impacts	1,242	117,752	53,406	82,821

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	25,234
For-Hire	2,028	660	Other Equipment	9,759
Private Boat	7,189	10,797	Boat Expenses	23,109
Shore	7,216	7,300	Vehicle Expenses	19,241
<i>Total Trip Expenditures</i>	<i>16,433</i>	<i>18,757</i>	Second Home Expenses	4,470
			<i>Total Durable Equipment Expenditures</i>	<i>81,813</i>
Total State Trip and Durable Equipment Expenditures				117,003

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	127	116	120	137	150	134	114	128	129	111
Non-Coastal ³	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out of State	199	243	191	205	224	182	173	165	190	151
Total Anglers	326	359	311	342	374	315	287	293	318	262

Recreational Fishing Effort by Mode (thousands of angler-trips)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	38	32	42	62	71	56	44	21	18	21
Private	552	654	553	595	721	528	487	408	511	481
Shore	514	389	431	427	459	444	379	391	397	374
Total Trips	1,104	1,075	1,026	1,084	1,251	1,028	910	820	926	876

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)⁴

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Atlantic mackerel	H	(1)	13	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)	(1)
Black seabass	H	306	44	68	114	93	22	37	22	43	40
	R	833	277	276	328	584	464	293	232	211	205
Bluefish	H	90	126	128	97	154	69	98	32	46	35
	R	120	408	190	289	539	167	167	58	128	118
Drum (Atlantic croaker)	H	341	389	825	764	359	370	452	76	92	88
	R	654	598	675	937	672	602	537	229	88	447
Drum (weakfish) ⁵	H	20	5	19	11	4	4	6	(1)	(1)	5
	R	39	72	105	95	23	61	4	12	6	85
Striped bass	H	30	26	20	20	8	27	20	16	18	25
	R	169	156	251	248	248	261	145	65	110	110
Summer flounder	H	106	111	73	88	108	35	87	53	66	45
	R	415	737	795	445	1,072	604	964	618	616	253
White perch	H	30	63	36	69	34	40	64	187	112	70
	R	134	303	105	194	190	243	121	397	272	187
Wrasses (tautog)	H	63	71	61	111	100	102	120	57	45	47
	R	168	199	233	193	267	164	224	196	88	107
Yellowfin tuna	H	2	1	4	6	(1)	1	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

³Data is not available because all Delaware residents are considered coastal county residents.⁴In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.⁵This species may not be equivalent to species with similar names listed in the commercial tables.

Delaware's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2003	24,803 (0.3%)	385,129 (0.3%)	15,080 (0.4%)	21,381 (0.3%)	47,346 (0.4%)	0.12
2011	24,132 (0.3%)	359,602 (0.3%)	17,553 (0.3%)	26,445 (0.3%)	64,377 (0.4%)	ND
%change	-2.71%	-6.63%	16.40%	23.68%	35.97%	NA

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	ND	ND	3	3	ND	3	NA	ND	ND
	Receipts	ND	ND	64	214	ND	27	NA	ND	ND
Seafood sales, retail	Firms	7	9	12	9	12	9	9	9	9
	Receipts	959	803	1,523	835	1,025	418	664	1,107	1,226

Seafood Sales & Processing - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	1	1	1	1	1	1	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Seafood Sales, wholesale	Establishments	5	2	3	3	3	6	7	7	7
	Employees	ND	ND	ND	9	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	337	ND	ND	ND	ND	ND
Seafood sales, retail	Establishments	18	16	14	17	19	18	16	15	18
	Employees	ND	144	138	135	105	ND	50	47	49
	Payroll	ND	3,363	3,264	3,133	2,997	1,498	1,348	1,414	1,493

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	5	3	3	3	3	2	2	1	NA
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	NA
Deep sea freight transportation	Establishments	2	1	1	NA	NA	4	4	5	2
	Employees	ND	ND	ND	NA	NA	ND	ND	120	ND
	Payroll	ND	ND	ND	NA	NA	ND	ND	10,768	ND
Deep sea passenger transportation	Establishments	NA	NA	1	NA	NA	NA	NA	1	NA
	Employees	NA	NA	ND	NA	NA	NA	NA	ND	NA
	Payroll	NA	NA	ND	NA	NA	NA	NA	ND	NA
Marinas	Establishments	17	17	16	18	17	19	16	19	17
	Employees	ND	ND	ND	ND	88	65	ND	65	ND
	Payroll	ND	ND	ND	ND	2,540	1,738	1,877	2,342	3,106
Marine cargo handling	Establishments	5	5	4	4	3	3	3	3	3
	Employees	513	ND	ND	597	527	629	ND	434	511
	Payroll	14,879	ND	ND	18,812	19,027	19,204	16,952	16,835	19,203
Navigational services to shipping	Establishments	10	9	9	8	8	9	8	8	8
	Employees	ND	ND	ND	75	76	79	85	76	78
	Payroll	ND	ND	ND	4,783	4,961	5,360	5,672	5,176	5,096
Port & harbor operations	Establishments	1	2	2	3	2	2	2	3	3
	Employees	ND	ND	ND	ND	ND	ND	ND	29	44
	Payroll	ND	ND	ND	ND	ND	ND	ND	1,182	1,512
Ship & boat building	Establishments	1	1	1	1	1	2	2	2	3
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which states CFLQs can be compared.

ND- these data are confidential and therefore not available

NA- these data are not available

2012 Economic Impacts of the Maryland Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	15,622	1,800,489	440,159	686,761
Commercial Harvesters	2,799	137,411	39,026	61,014
Seafood Processors & Dealers	1,872	166,315	64,812	82,761
Importers	4,041	1,111,728	178,176	338,903
Seafood Wholesalers & Distributors	843	113,163	38,467	51,077
Retail	6,066	271,872	119,678	153,006

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	49,038	49,200	63,754	53,597	65,329	73,196	75,893	104,882	77,987	77,859
Finfish & other	8,095	4,670	10,766	9,844	12,170	11,090	11,615	13,161	13,607	15,271
Shellfish	40,943	44,530	52,988	43,753	53,158	62,106	64,278	91,721	64,381	62,587
Atlantic croaker	576	751	543	359	335	442	415	509	469	655
Black sea bass	555	573	724	118	454	445	451	590	508	421
Blue crab	34,532	39,104	39,962	31,141	41,690	50,115	52,049	79,805	59,193	59,369
Clams or bivalves	5,170	4,654	4,784	4,889	5,074	5,436	4,403	5,400	3,921	2,254
Eastern oyster	706	181	3,435	1,238	3,146	2,277	3,849	4,361	ND ¹	ND ¹
Menhaden	337	232	1,514	650	1,379	915	884	755	714	1,654
Sea scallop	ND ¹	417	4,549	6,201	2,809	3,758	3,160	1,188	551	202
Striped bass	3,916	1,549	4,259	4,591	5,333	5,232	5,180	5,531	5,610	6,898
Summer flounder	527	444	677	550	546	578	551	546	463	350
White perch	556	347	848	569	619	776	942	1,158	1,482	1,319

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	49,350	49,509	67,489	51,212	61,585	63,534	66,819	102,916	77,555	73,415
Finfish & other	13,468	8,055	25,000	12,564	21,618	18,626	19,968	27,885	21,292	26,875
Shellfish	35,882	41,454	42,489	38,648	39,967	44,908	46,850	75,031	56,263	46,540
Atlantic croaker	1,532	1,801	1,389	738	576	778	550	622	784	1,026
Black sea bass	313	284	337	43	171	159	126	203	183	141
Blue crab	27,816	33,826	34,914	29,446	30,778	34,872	38,801	66,661	50,027	42,690
Clams or bivalves	7,527	7,270	6,112	7,756	7,947	8,600	6,292	6,971	5,374	2,961
Eastern oyster	159	43	738	274	317	249	498	430	ND ¹	ND ¹
Menhaden	4,232	3,336	15,806	5,192	13,751	9,615	9,419	15,756	8,366	16,326
Sea scallop	ND ¹	94	591	931	450	569	521	153	58	20
Striped bass	2,193	885	2,349	2,485	2,640	2,655	2,812	2,549	2,344	2,524
Summer flounder	329	262	338	248	229	208	214	263	259	148
White perch	1,477	453	1,524	688	973	858	1,301	1,704	2,041	1,833

Average Annual Price of Key Species/Species Groups (dollars per pound)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Atlantic croaker	0.38	0.42	0.39	0.49	0.58	0.57	0.75	0.82	0.60	0.64
Black sea bass	1.77	2.02	2.15	2.73	2.66	2.79	3.59	2.90	2.78	2.99
Blue crab	1.24	1.16	1.14	1.06	1.35	1.44	1.34	1.20	1.18	1.39
Clams or bivalves	0.69	0.64	0.78	0.63	0.64	0.63	0.70	0.77	0.73	0.76
Eastern oyster	4.45	4.23	4.66	4.52	9.92	9.13	7.73	10.14	ND ¹	ND ¹
Menhaden	0.08	0.07	0.10	0.13	0.10	0.10	0.09	0.05	0.09	0.10
Sea scallop	ND ¹	4.44	7.70	6.66	6.25	6.60	6.06	7.77	9.53	10.23
Striped bass	1.79	1.75	1.81	1.85	2.02	1.97	1.84	2.17	2.39	2.73
Summer flounder	1.60	1.69	2.01	2.22	2.39	2.78	2.58	2.07	1.79	2.36
White perch	0.38	0.77	0.56	0.83	0.64	0.90	0.72	0.68	0.73	0.72

¹ND = these data are confidential thus not disclosable

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	413	49,095	20,026	30,877
Private Boat	432	51,980	17,618	29,483
Shore	418	45,454	15,237	25,383
Total Durable Equipment Impacts	4,420	490,708	225,155	340,406
Total State Trip and Durable Equipment Economic Impacts	5,683	637,237	278,036	426,149

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	90,686
For-Hire	21,997	11,492	Other Equipment	22,442
Private Boat	12,431	38,933	Boat Expenses	382,876
Shore	10,752	25,875	Vehicle Expenses	97,243
<i>Total Trip Expenditures</i>	<i>45,180</i>	<i>76,300</i>	Second Home Expenses	830
			<i>Total Durable Equipment Expenditures</i>	<i>594,077</i>
Total State Trip and Durable Equipment Expenditures				715,557

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	526	442	620	733	850	643	514	552	415	374
Non-Coastal	53	39	49	84	78	50	43	54	49	40
Out of State	418	333	425	447	528	507	327	462	372	258
Total Anglers	997	815	1,095	1,264	1,456	1,200	884	1,068	836	672

Recreational Fishing Effort by Mode (thousands of angler-trips)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	187	175	212	239	270	195	203	140	161	151
Private	2,033	1,535	1,924	1,836	2,352	1,891	1,608	1,643	1,453	1,281
Shore	1,110	875	1,019	1,145	1,082	1,273	1,082	1,150	1,206	817
Total Trips	3,330	2,585	3,155	3,220	3,704	3,359	2,893	2,933	2,820	2,249

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)²

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Black seabass	H	241	16	91	121	39	27	33	36	47	33
	R	774	259	562	645	577	674	454	670	353	289
Bluefish	H	214	367	167	421	675	551	591	273	259	114
	R	519	593	236	778	1,172	1,631	671	162	409	139
Drum (Atlantic croaker)	H	1,620	896	784	755	873	620	1,335	1,137	554	979
	R	1,393	854	1,137	1,784	1,258	2,127	1,138	1,011	366	1,731
Drum (spot)	H	3,300	868	1,789	2,896	3,615	1,892	2,064	1,164	913	766
	R	670	383	2,136	1,355	1,619	1,738	632	1,155	296	920
Drum (weakfish) ³	H	41	15	32	1	7	2	4	5	(1)	11
	R	180	231	61	47	63	38	8	163	18	25
Striped bass	H	525	369	534	669	765	415	502	457	445	262
	R	4,653	3,479	3,855	3,711	3,065	1,339	1,424	1,509	1,127	2,207
Summer flounder	H	41	42	117	37	103	58	65	26	15	22
	R	373	806	362	252	1,018	923	816	1,226	472	214
White perch	H	2,020	1,623	2,410	2,561	2,890	1,511	551	2,613	1,572	1,534
	R	3,698	3,459	5,837	3,953	5,424	3,853	1,137	2,891	2,348	4,143
Wrasses (tautog)	H	13	8	29	15	43	19	39	57	12	6
	R	97	24	148	186	178	151	133	361	75	110
Yellowfin tuna	H	26	2	6	8	4	(1)	5	1	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)	(1)

²In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.³This species may not be equivalent to species with similar names listed in the commercial tables.

Maryland's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2003	133,304 (1.8%)	2,088,841 (1.8%)	78,882 (2.0%)	133,663 (2.1%)	216,607 (2.0%)	0.77
2011	133,248 (1.8%)	2,104,022 (1.9%)	101,301 (2.0%)	182,429 (2.2%)	305,175 (2.0%)	0.47
%change	-0.04%	0.73%	28.42%	36.48%	40.89%	-39 %

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	47	51	57	55	56	56	41	43	55
	Receipts	2,487	2,301	2,727	2,751	3,940	3,310	2,106	2,138	2,374
Seafood sales, retail	Firms	78	70	78	73	99	84	91	85	86
	Receipts	6,771	10,100	6,976	7,755	10,493	9,010	8,593	6,177	7,396

Seafood Sales & Processing - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	23	23	23	19	22	22	19	18	17
	Employees	762	895	1,141	1,053	1,296	1,003	245	273	264
	Payroll	20,399	23,039	24,986	28,852	32,386	39,328	13,049	12,652	12,773
Seafood Sales, wholesale	Establishments	63	58	59	59	62	60	61	63	57
	Employees	686	733	709	694	978	851	777	795	775
	Payroll	27,934	29,813	30,148	32,943	50,353	42,296	39,055	39,067	38,971
Seafood sales, retail	Establishments	97	96	95	97	102	94	87	87	88
	Employees	459	579	576	617	613	590	485	526	562
	Payroll	10,634	12,328	13,019	14,190	14,777	11,510	11,499	11,810	12,883

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	9	11	10	10	8	6	7	8	6
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Deep sea freight transportation	Establishments	16	15	16	14	14	13	15	15	16
	Employees	ND	281	316	ND	244	250	255	390	329
	Payroll	ND	18,983	14,131	ND	14,905	19,765	20,722	24,185	25,071
Deep sea passenger transportation	Establishments	3	2	1	1	1	3	2	1	NA
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	NA
Marinas	Establishments	180	183	185	179	183	179	176	175	172
	Employees	1,296	1,321	1,228	1,260	1,326	1,383	1,289	1,275	1,294
	Payroll	34,024	36,598	36,590	40,866	48,752	45,965	45,483	43,508	43,330
Marine cargo handling	Establishments	14	11	12	13	15	15	16	17	17
	Employees	1,862	1,725	1,639	1,659	1,791	1,572	1,599	2,742	1,924
	Payroll	69,084	75,911	81,219	73,367	85,328	48,382	46,727	95,182	86,680
Navigational services to shipping	Establishments	11	8	9	9	8	9	11	10	11
	Employees	195	ND	ND	ND	157	92	77	84	84
	Payroll	38,619	ND	ND	ND	4,882	3,968	3,807	4,015	4,259
Port & harbor operations	Establishments	8	10	11	11	8	3	4	5	5
	Employees	376	479	ND	ND	323	ND	ND	ND	ND
	Payroll	16,099	19,218	ND	ND	13,427	ND	ND	ND	ND
Ship & boat building	Establishments	55	58	57	55	48	46	38	35	35
	Employees	1,426	1,022	ND	1,119	874	677	416	ND	633
	Payroll	36,444	35,364	ND	33,463	29,500	22,363	16,238	ND	36,675

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which states CFLQs can be compared.

ND- these data are confidential and therefore not available

NA- these data are not available

2012 Economic Impacts of the New Jersey Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	50,754	7,921,903	1,766,641	2,871,912
Commercial Harvesters	3,136	374,135	98,292	159,425
Seafood Processors & Dealers	7,231	670,477	253,923	331,421
Importers	20,091	5,526,524	885,731	1,684,726
Seafood Wholesalers & Distributors	3,058	497,481	159,890	217,419
Retail	17,238	853,286	368,805	478,920

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	120,670	145,217	158,746	146,346	151,509	168,508	151,539	178,575	220,365	187,732
Finfish & other	22,017	21,369	22,585	33,683	24,234	19,936	24,074	23,031	26,796	28,638
Shellfish	98,653	123,847	136,161	112,663	127,275	148,572	127,465	155,544	193,570	159,094
American lobster	1,028	1,800	2,001	2,522	4,056	3,215	2,278	2,895	3,039	3,937
Atlantic herring	145	1	1	3,297	562	548	1,507	422	415	150
Atlantic mackerel	2,855	3,398	3,957	9,324	668	1,568	1,539	848	53	589
Blue crab	4,736	5,330	6,773	6,359	5,471	7,284	184	12,034	9,423	10,036
Eastern oyster	3,366	1,558	823	2,255	ND ¹	2,547	ND ¹	ND ¹	ND ¹	ND ¹
Goosefish	6,200	3,446	4,451	4,501	4,486	4,005	3,018	2,752	3,654	3,302
Ocean quahog & surf clams	38,054	31,379	25,567	25,107	26,547	30,838	27,496	23,889	25,301	25,453
Quahog clam	5,228	7,409	7,556	7,615	968	6,254	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	43,507	67,309	88,486	58,538	77,359	91,317	90,150	109,118	142,505	110,560
Summer flounder	3,683	4,134	4,478	5,091	3,988	3,461	3,376	4,552	5,461	5,434

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	170,133	187,377	156,695	175,777	153,848	162,308	162,029	162,162	187,535	180,502
Finfish & other	75,471	71,450	74,193	89,298	65,166	62,821	73,623	74,882	94,674	104,172
Shellfish	94,662	115,926	82,502	86,478	88,683	99,487	88,406	87,281	92,861	76,330
American lobster	210	370	369	471	680	633	585	689	687	919
Atlantic herring	1,805	5	1	25,486	6,038	6,539	13,692	4,140	2,385	1,114
Atlantic mackerel	33,056	36,091	32,414	24,977	5,384	9,426	10,255	4,692	107	2,017
Blue crab	4,012	4,350	6,333	5,981	4,636	5,816	257	9,459	9,600	7,393
Eastern oyster	714	323	162	343	ND ¹	550	ND ¹	ND ¹	ND ¹	ND ¹
Goosefish	7,185	4,177	3,881	3,842	4,231	3,698	2,692	2,024	2,274	2,212
Ocean quahog & surf clams	71,683	61,155	49,849	43,644	44,791	51,597	45,306	38,538	41,281	38,921
Quahog clam	1,260	1,796	1,852	1,844	240	1,516	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	10,638	13,705	11,831	8,457	11,808	13,282	14,045	14,171	14,545	11,379
Summer flounder	2,385	2,630	2,349	2,380	1,697	1,541	1,799	2,165	2,831	2,269

Average Annual Price of Key Species/Species Groups (dollars per pound)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American lobster	4.90	4.86	5.42	5.36	5.96	5.08	3.89	4.20	4.42	4.28
Atlantic herring	0.08	0.23	0.78	0.13	0.09	0.08	0.11	0.10	0.17	0.13
Atlantic mackerel	0.09	0.09	0.12	0.37	0.12	0.17	0.15	0.18	0.50	0.29
Blue crab	1.18	1.23	1.07	1.06	1.18	1.25	0.72	1.27	0.98	1.36
Eastern oyster	4.72	4.82	5.09	6.57	ND ¹	4.63	ND ¹	ND ¹	ND ¹	ND ¹
Goosefish	0.86	0.83	1.15	1.17	1.06	1.08	1.12	1.36	1.61	1.49
Ocean quahog & surf clams	0.53	0.51	0.51	0.58	0.59	0.60	0.61	0.62	0.61	0.65
Quahog clam	4.15	4.13	4.08	4.13	4.04	4.12	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	4.09	4.91	7.48	6.92	6.55	6.88	6.42	7.70	9.80	9.72
Summer flounder	1.54	1.57	1.91	2.14	2.35	2.25	1.88	2.10	1.93	2.39

¹ND = these data are confidential thus not disclosable

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	408	61,825	29,775	43,226
Private Boat	1,494	207,775	67,245	109,531
Shore	778	97,072	32,498	52,334
Total Durable Equipment Impacts	10,451	1,521,577	581,149	908,912
Total State Trip and Durable Equipment Economic Impacts	13,131	1,888,249	710,667	1,114,003

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	315,027
For-Hire	17,337	22,576	Other Equipment	59,748
Private Boat	55,345	103,626	Boat Expenses	496,912
Shore	28,706	41,636	Vehicle Expenses	229,824
<i>Total Trip Expenditures</i>	<i>101,388</i>	<i>167,838</i>	Second Home Expenses	159,117
			<i>Total Durable Equipment Expenditures</i>	<i>1,260,627</i>
Total State Trip and Durable Equipment Expenditures				1,529,853

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	592	708	818	693	890	765	656	776	687	662
Non-Coastal	20	31	39	25	19	26	35	36	23	27
Out of State	462	379	471	481	518	456	454	449	357	431
Total Anglers	1,074	1,117	1,328	1,199	1,427	1,246	1,145	1,261	1,067	1,121

Recreational Fishing Effort by Mode (thousands of angler-trips)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	466	433	452	633	605	449	434	320	383	369
Private	3,602	3,895	3,753	3,721	3,614	3,595	2,671	3,265	2,446	2,580
Shore	2,711	2,121	2,357	2,682	2,979	2,857	2,234	2,278	2,334	2,072
Total Trips	6,779	6,449	6,562	7,036	7,198	6,901	5,339	5,863	5,163	5,021

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)²

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Black seabass	H	1,903	1,078	660	531	724	580	583	687	149	735
	R	4,295	3,121	2,387	2,082	2,422	4,432	3,138	3,869	1,303	3,817
Bluefin tuna	H	9	8	9	4	7	3	14	6	2	1
	R	(1)	61	24	98	1	1	2	7	6	(1)
Bluefish	H	1,570	1,531	2,368	1,183	1,654	1,028	814	909	1,149	1,190
	R	1,913	2,226	2,293	1,803	2,736	1,477	1,476	1,886	1,910	1,996
Drum (weakfish) ³	H	152	229	1,008	490	230	298	12	2	3	115
	R	631	535	1,372	1,336	612	1,436	79	102	99	732
Red hake	H	16	4	6	141	1	152	240	125	206	57
	R	14	4	2	12	(1)	20	23	24	13	16
Striped bass	H	392	424	412	509	290	310	283	320	393	168
	R	926	1,502	1,219	1,890	1,789	1,310	800	690	884	406
Summer flounder	H	1,785	1,617	1,300	1,556	1,068	762	825	552	737	1,131
	R	5,806	6,702	8,939	6,740	6,192	8,959	10,414	10,565	8,096	6,981
Winter flounder	H	307	40	33	64	96	3	7	24	28	(1)
	R	110	32	21	113	27	15	26	39	25	2
Wrasses (tautog)	H	102	91	43	201	300	172	127	375	137	38
	R	394	387	224	604	1,290	901	856	1,063	843	510
Yellowfin tuna	H	22	9	22	35	58	7	7	25	17	69
	R	(1)	8	1	(1)	(1)	1	16	(1)	(1)	9

²In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.³This species may not be equivalent to species with similar names listed in the commercial tables.

New Jersey's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2003	237,842 (3.3%)	3,579,076 (3.2%)	154,521 (3.8%)	224,215 (3.5%)	392,509 (3.5%)	1.01
2011	226,878 (3.1%)	3,377,848 (3.0%)	183,507 (3.6%)	273,326 (3.3%)	493,175 (3.3%)	1.07
%change	-4.61%	-5.62%	18.76%	21.90%	25.65%	5.94 %

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	23	23	26	27	25	22	33	47	29
	Receipts	2,279	2,694	3,086	3,027	2,399	1,851	3,667	3,613	3,447
Seafood sales, retail	Firms	100	89	93	72	90	92	81	66	68
	Receipts	8,822	9,219	9,194	8,916	11,320	11,196	9,901	8,265	8,049

Seafood Sales & Processing - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	16	15	17	16	16	14	13	11	12
	Employees	846	749	969	667	628	566	661	482	518
	Payroll	20,794	21,029	28,235	22,097	18,403	18,703	22,025	17,427	17,940
Seafood Sales, wholesale	Establishments	84	85	85	89	101	81	83	90	91
	Employees	920	948	914	941	978	856	858	848	935
	Payroll	35,991	38,066	37,828	41,506	41,994	37,462	37,348	38,065	40,103
Seafood sales, retail	Establishments	133	134	128	127	124	118	106	108	109
	Employees	454	547	524	493	472	368	332	332	332
	Payroll	10,513	11,952	11,787	11,373	10,352	9,372	9,126	9,094	9,264

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	15	17	18	18	23	18	19	18	20
	Employees	768	ND	914	1,040	778	645	594	600	508
	Payroll	45,024	ND	54,097	68,096	56,017	48,911	41,925	44,246	40,587
Deep sea freight transportation	Establishments	37	33	38	39	31	27	26	26	26
	Employees	1,287	1,028	948	648	566	1,115	1,045	ND	ND
	Payroll	70,996	65,691	68,633	45,940	44,133	75,848	66,547	78,898	81,936
Deep sea passenger transportation	Establishments	5	4	5	4	2	2	3	2	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Marinas	Establishments	203	201	206	204	216	211	214	212	206
	Employees	951	945	978	940	1,045	916	784	781	773
	Payroll	34,777	36,862	38,323	39,154	41,624	39,596	35,811	35,475	34,675
Marine cargo handling	Establishments	27	26	26	25	23	21	22	21	22
	Employees	4,108	4,685	4,972	4,599	4,781	4,244	3,479	3,292	3,744
	Payroll	318,325	340,085	363,714	345,784	350,690	278,189	230,886	260,894	273,636
Navigational services to shipping	Establishments	16	17	16	19	26	20	19	16	17
	Employees	210	ND	169	ND	227	191	133	75	110
	Payroll	8,028	ND	9,673	ND	11,403	7,776	6,638	6,125	5,619
Port & harbor operations	Establishments	5	6	7	6	8	6	6	11	7
	Employees	240	ND	194	ND	271	143	54	124	163
	Payroll	10,644	ND	11,599	ND	12,197	12,446	5,548	10,463	16,933
Ship & boat building	Establishments	37	35	37	34	31	30	25	24	23
	Employees	2,005	2,040	2,320	2,307	2,305	2,019	1,188	1,056	864
	Payroll	75,149	80,301	89,421	88,367	91,460	79,309	42,909	37,920	39,810

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which states CFLQs can be compared.

ND- these data are confidential and therefore not available

NA- these data are not available

2012 Economic Impacts of the New York Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	51,681	6,366,436	1,352,047	2,243,446
Commercial Harvesters	1,435	70,322	20,215	31,089
Seafood Processors & Dealers	1,084	155,804	59,239	77,053
Importers	17,902	4,924,451	789,237	1,501,188
Seafood Wholesalers & Distributors	5,152	379,377	128,253	172,928
Retail	26,108	836,483	355,102	461,187

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	51,601	46,878	56,367	58,479	60,314	57,429	48,856	49,563	37,531	39,136
Finfish & other	16,426	16,765	18,317	19,894	20,434	18,824	17,571	20,546	22,402	23,824
Shellfish	35,175	30,113	38,051	38,585	39,880	38,606	31,285	29,017	15,129	15,312
American lobster	4,426	3,722	4,396	6,288	4,623	3,821	3,468	3,165	1,398	976
Atlantic surf clam	7,934	4,475	7,055	2,135	5,932	5,670	5,858	3,929	545	ND ¹
Eastern oyster	4,263	3,367	1,961	2,390	2,627	2,870	1,428	2,046	ND ¹	2
Flounder, Summer	2,240	3,275	3,797	3,409	3,131	2,933	3,087	3,550	3,732	3,652
Loligo squid	4,353	5,426	6,054	5,844	5,157	5,290	4,167	4,516	7,250	8,648
Quahog clam	12,399	10,673	12,696	12,237	14,224	13,185	8,397	7,774	ND ¹	0
Scups or porgies	1,330	1,637	2,027	2,450	2,348	1,710	1,887	2,112	2,551	3,536
Sea scallop	164	720	3,617	3,519	3,872	5,050	5,018	3,778	4,960	4,083
Softshell clam	888	1,227	1,468	2,055	1,628	1,076	700	709	ND ¹	1
Tilefishes	2,736	2,082	2,765	3,325	3,843	3,343	3,262	4,077	4,525	4,257

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	39,388	34,514	38,150	33,287	35,785	34,175	34,304	33,371	27,030	30,029
Finfish & other	17,223	16,531	14,631	14,225	16,492	15,084	16,194	18,595	18,805	19,296
Shellfish	22,165	17,983	23,519	19,062	19,293	19,092	18,110	14,777	8,225	10,733
American lobster	946	996	1,154	1,243	912	850	932	814	344	270
Atlantic surf clam	13,264	7,462	11,953	2,987	9,161	8,753	8,799	5,856	809	ND ¹
Eastern oyster	466	370	219	269	124	135	64	81	ND ¹	0
Flounder, Summer	1,073	1,594	1,799	1,220	942	856	1,142	1,364	1,517	1,237
Loligo squid	4,603	6,363	6,693	6,460	5,437	5,469	4,098	3,900	5,630	7,838
Quahog clam	1,553	1,346	1,617	1,650	1,592	1,476	1,410	1,216	ND ¹	0
Scups or porgies	1,850	1,907	2,186	2,416	2,325	1,214	1,850	2,690	3,729	4,307
Sea scallop	39	170	647	1,040	619	782	918	508	522	430
Softshell clam	163	234	270	393	198	131	114	116	ND ¹	0
Tilefishes	1,755	1,335	1,142	1,298	1,393	1,199	1,435	1,586	1,521	1,412

Average Annual Price of Key Species/Species Groups (dollars per pound)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American lobster	4.68	3.74	3.81	5.06	5.07	4.49	3.72	3.89	4.06	3.62
Atlantic surf clam	0.60	0.60	0.59	0.71	0.65	0.65	0.67	0.67	0.67	ND ¹
Eastern oyster	9.15	9.10	8.97	8.87	21.21	21.21	22.23	25.41	ND ¹	252.43
Flounder, Summer	2.09	2.05	2.11	2.80	3.33	3.43	2.70	2.60	2.46	2.95
Loligo squid	0.95	0.85	0.90	0.90	0.95	0.97	1.02	1.16	1.29	1.10
Quahog clam	7.98	7.93	7.85	7.42	8.94	8.93	5.96	6.39	ND ¹	0.00
Scups or porgies	0.72	0.86	0.93	1.01	1.01	1.41	1.02	0.79	0.68	0.82
Sea scallop	4.19	4.24	5.59	3.38	6.25	6.46	5.47	7.44	9.50	9.50
Softshell clam	5.45	5.24	5.43	5.23	8.23	8.24	6.13	6.13	ND ¹	6.69
Tilefishes	1.56	1.56	2.42	2.56	2.76	2.79	2.27	2.57	2.97	3.02

¹ND = these data are confidential thus not disclosable

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	635	85,009	43,093	62,525
Private Boat	768	95,083	33,051	55,829
Shore	305	30,710	10,418	16,946
Total Durable Equipment Impacts	1,251	170,497	64,542	106,647
Total State Trip and Durable Equipment Economic Impacts	2,959	381,299	151,104	241,947

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	50,914
For-Hire	4,080	49,452	Other Equipment	22,931
Private Boat	2,210	94,715	Boat Expenses	53,219
Shore	2,652	24,549	Vehicle Expenses	11,440
<i>Total Trip Expenditures</i>	<i>8,943</i>	<i>168,716</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>138,503</i>
Total State Trip and Durable Equipment Expenditures				316,162

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	599	587	885	735	881	817	638	646	497	533
Non-Coastal	19	18	27	25	39	32	21	24	18	30
Out of State	82	76	110	114	147	118	58	69	46	53
Total Anglers	700	681	1,022	874	1,067	967	717	740	561	616

Recreational Fishing Effort by Mode (thousands of angler-trips)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	406	389	527	361	684	388	381	348	458	366
Private	3,030	2,670	3,107	3,120	3,315	3,199	2,819	2,351	2,320	1,908
Shore	2,090	1,754	2,495	1,961	2,522	2,341	1,625	1,675	1,389	1,492
Total Trips	5,526	4,813	6,129	5,442	6,521	5,928	4,825	4,374	4,167	3,766

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)²

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Atlantic herring ³	H	30	123	60	23	214	70	3	79	75	174
	R	(1)	2	2	2	230	50	(1)	17	(1)	(1)
Black seabass	H	318	134	143	269	410	259	566	543	275	322
	R	739	626	1,071	1,326	1,550	1,654	1,236	1,163	893	2,471
Bluefish	H	1,146	1,895	1,684	1,832	2,150	1,484	1,294	1,026	928	1,150
	R	1,305	2,529	3,380	2,379	2,650	3,225	1,793	1,472	1,599	1,809
Drum (weakfish) ⁴	H	9	11	(1)	10	4	40	(1)	3	(1)	5
	R	7	38	76	17	109	25	3	3	55	12
Porgies (scup)	H	5,111	1,877	859	1,678	1,596	1,451	1,460	1,991	715	592
	R	1,806	3,514	1,737	2,622	1,964	2,838	2,124	1,864	998	1,235
Shortfin mako shark	H	3	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	1
	R	3	2	5	(1)	(1)	(1)	(1)	(1)	3	3
Striped bass	H	313	263	378	368	475	685	357	539	676	424
	R	1,084	2,708	1,412	1,723	1,678	1,347	1,074	1,069	1,506	586
Summer flounder	H	1,540	1,024	1,163	753	867	608	298	335	376	509
	R	5,722	3,183	7,753	4,946	5,272	5,521	5,564	6,571	7,296	5,013
Winter flounder	H	234	228	100	261	11	41	69	31	65	44
	R	73	34	200	76	14	17	110	63	101	33
Wrasses (tautog)	H	129	279	85	246	223	320	346	146	111	61
	R	297	640	177	823	386	728	665	567	487	365

²In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.³This species may not be equivalent to species with similar names listed in the commercial tables.⁴This species may not be equivalent to species with similar names listed in the commercial tables.

New York's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2003	502,948 (6.9%)	7,416,680 (6.5%)	332,635 (8.2%)	490,873 (7.7%)	842,678 (7.6%)	0.18
2011	521,537 (7.1%)	7,369,731 (6.5%)	435,009 (8.4%)	662,388 (8.0%)	1,169,436 (7.8%)	0.11
%change	3.70%	-0.63%	30.78%	34.94%	38.78%	-38.9 %

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	62	49	57	61	68	73	101	115	142
	Receipts	2,580	3,517	2,652	3,044	3,516	3,383	4,883	6,784	7,380
Seafood sales, retail	Firms	272	241	219	206	266	247	192	214	183
	Receipts	29,321	28,640	24,987	24,790	23,157	23,983	19,278	18,999	16,286

Seafood Sales & Processing - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	18	17	18	15	15	17	15	15	18
	Employees	271	323	324	298	294	379	ND	272	299
	Payroll	15,676	14,782	14,810	16,491	18,723	18,570	15,227	16,976	21,372
Seafood Sales, wholesale	Establishments	291	274	269	254	291	231	246	263	291
	Employees	2,183	2,091	2,003	2,066	2,058	1,627	1,741	1,798	1,876
	Payroll	75,063	75,411	76,177	78,198	84,361	72,233	68,345	72,442	76,970
Seafood sales, retail	Establishments	376	386	392	388	372	368	386	394	391
	Employees	1,518	1,602	1,513	1,495	1,575	1,470	1,509	1,586	1,660
	Payroll	25,422	26,489	25,665	26,701	28,497	30,741	31,640	32,001	35,664

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	60	60	57	55	50	50	48	65	62
	Employees	1,751	1,452	1,448	1,464	1,746	1,759	2,299	1,654	1,708
	Payroll	115,452	94,074	91,347	109,315	125,570	160,735	198,352	136,577	154,087
Deep sea freight transportation	Establishments	35	36	39	38	34	29	32	30	31
	Employees	927	600	602	ND	ND	732	782	704	752
	Payroll	58,350	38,246	39,309	ND	65,632	108,744	89,313	98,499	88,354
Deep sea passenger transportation	Establishments	8	7	6	4	4	3	4	2	1
	Employees	212	ND	ND	ND	7	ND	8	ND	ND
	Payroll	6,673	ND	ND	ND	240	316	126	ND	ND
Marinas	Establishments	417	413	416	404	411	419	418	429	431
	Employees	2,167	2,185	2,093	2,112	2,070	2,263	2,099	2,052	2,033
	Payroll	77,398	81,737	84,832	83,807	88,862	100,910	96,640	94,654	96,408
Marine cargo handling	Establishments	14	14	12	12	12	10	9	13	12
	Employees	951	1,099	ND	ND	ND	ND	ND	1,086	1,019
	Payroll	50,015	48,529	ND	ND	ND	ND	ND	68,555	66,439
Navigational services to shipping	Establishments	34	34	35	36	36	32	37	37	35
	Employees	ND	ND	ND	ND	578	386	312	598	596
	Payroll	ND	ND	ND	ND	40,976	23,294	19,126	50,119	54,406
Port & harbor operations	Establishments	3	3	3	3	5	3	4	8	9
	Employees	ND	ND	ND	6	ND	ND	ND	ND	33
	Payroll	ND	ND	ND	119	ND	ND	ND	568	1,493
Ship & boat building	Establishments	44	45	47	48	53	49	47	41	43
	Employees	ND	ND	590	ND	643	688	585	575	552
	Payroll	ND	ND	21,514	ND	26,653	30,462	28,880	26,771	25,998

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which states CFLQs can be compared.

ND- these data are confidential and therefore not available

NA- these data are not available

2012 Economic Impacts of the Virginia Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	19,052	1,538,449	461,762	673,068
Commercial Harvesters	4,708	299,050	98,815	144,884
Seafood Processors & Dealers	1,539	137,631	53,549	69,110
Importers	2,149	591,278	94,764	180,247
Seafood Wholesalers & Distributors	898	111,164	38,429	51,217
Retail	9,758	399,326	176,206	227,611

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	130,657	160,496	155,066	110,066	138,149	146,602	152,017	183,181	191,025	175,640
Finfish & other	39,661	43,522	48,559	41,637	45,735	40,506	47,575	55,915	58,190	61,556
Shellfish	90,996	116,973	106,507	68,430	92,414	106,096	104,442	127,267	132,835	114,084
Atlantic croaker	2,822	3,013	3,691	4,326	4,445	5,269	6,940	6,025	4,527	7,518
Black sea bass	1,306	1,167	1,242	1,048	663	759	569	928	1,003	1,401
Blue crab	19,130	21,822	20,578	14,057	15,793	18,013	21,169	29,133	25,116	24,644
Catfishes & bullhea	372	649	900	1,570	978	1,191	1,567	670	904	490
Goosefish	879	599	1,142	685	781	951	631	594	752	1,218
Menhaden	22,511	24,144	25,259	22,306	25,317	21,271	23,578	34,476	32,977	31,104
Sea Scallop	68,298	92,207	84,574	52,764	63,013	65,534	63,312	70,204	79,427	54,076
Spot	1,688	2,236	2,227	1,793	3,232	1,171	3,411	975	3,214	749
Striped bass	3,389	3,648	4,457	2,946	3,831	3,378	4,219	3,635	4,496	5,551
Summer flounder	4,220	5,376	4,652	4,373	3,184	2,719	2,959	4,202	5,920	7,723

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	446,828	481,374	441,538	426,229	493,415	423,066	426,798	510,474	494,050	461,944
Finfish & other	406,359	432,023	402,586	393,735	452,342	384,804	379,296	457,408	441,884	416,811
Shellfish	40,469	49,351	38,952	32,494	41,073	38,262	47,502	53,066	52,166	45,132
Atlantic croaker	10,936	9,488	9,272	7,829	10,588	11,214	8,576	7,873	5,535	6,887
Black sea bass	507	498	475	328	189	215	164	264	275	392
Blue crab	21,464	27,642	26,064	22,708	25,141	23,243	32,756	38,490	37,862	32,020
Catfishes & bullhea	1,799	1,922	1,622	1,360	1,598	1,770	1,877	871	905	766
Goosefish	1,270	1,002	1,157	677	847	972	743	596	604	907
Menhaden	373,868	399,798	372,578	370,946	420,481	353,895	351,392	433,241	413,835	390,284
Sea Scallop	17,536	19,410	11,444	8,302	9,916	9,685	10,137	9,167	8,260	5,798
Spot	3,471	4,338	3,103	1,696	4,328	1,977	3,910	1,024	3,540	596
Striped bass	2,104	2,120	2,472	1,431	1,962	2,196	2,109	2,139	2,077	2,173
Summer flounder	3,522	3,906	3,869	2,757	1,856	1,654	1,980	2,592	4,051	4,121

Average Annual Price of Key Species/Species Groups (dollars per pound)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Atlantic croaker	0.26	0.32	0.40	0.55	0.42	0.47	0.81	0.77	0.82	1.09
Black sea bass	2.58	2.34	2.61	3.19	3.50	3.52	3.46	3.52	3.65	3.57
Blue crab	0.89	0.79	0.79	0.62	0.63	0.77	0.65	0.76	0.66	0.77
Catfishes & bullhea	0.21	0.34	0.55	1.15	0.61	0.67	0.83	0.77	1.00	0.64
Goosefish	0.69	0.60	0.99	1.01	0.92	0.98	0.85	1.00	1.25	1.34
Menhaden	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.08	0.08	0.08
Sea Scallop	3.89	4.75	7.39	6.36	6.35	6.77	6.25	7.66	9.62	9.33
Spot	0.49	0.52	0.72	1.06	0.75	0.59	0.87	0.95	0.91	1.26
Striped bass	1.61	1.72	1.80	2.06	1.95	1.54	2.00	1.70	2.16	2.56
Summer flounder	1.20	1.38	1.20	1.59	1.72	1.64	1.49	1.62	1.46	1.87

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	78	8,211	3,630	5,566
Private Boat	802	90,481	29,041	51,284
Shore	530	49,219	16,614	27,847
Total Durable Equipment Impacts	6,733	686,588	283,807	455,288
Total State Trip and Durable Equipment Economic Impacts	8,143	834,499	333,092	539,985

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	210,755
For-Hire	2,982	2,780	Other Equipment	62,731
Private Boat	16,355	67,579	Boat Expenses	341,194
Shore	19,632	19,369	Vehicle Expenses	49,515
<i>Total Trip Expenditures</i>	<i>38,969</i>	<i>89,728</i>	Second Home Expenses	459
			<i>Total Durable Equipment Expenditures</i>	<i>664,654</i>
Total State Trip and Durable Equipment Expenditures				793,351

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	384	510	559	578	463	464	515	496	516	412
Non-Coastal	52	69	137	90	76	89	87	63	56	78
Out of State	288	428	511	364	297	338	305	279	320	193
Total Anglers	724	1,007	1,206	1,033	836	891	907	838	892	684

Recreational Fishing Effort by Mode (thousands of angler-trips)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	86	69	37	43	60	57	48	45	30	45
Private	2,068	2,491	2,563	2,590	2,369	2,353	2,124	1,700	1,782	1,426
Shore	958	1,104	1,365	1,155	1,083	1,089	876	852	1,086	1,051
Total Trips	3,112	3,664	3,965	3,788	3,512	3,499	3,048	2,597	2,898	2,522

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Black seabass	H	265	46	34	83	36	39	115	29	19	4
	R	1,741	1,247	1,116	1,356	1,271	1,251	1,152	525	444	884
Cobia	H	2	1	18	22	10	5	17	7	4	1
	R	15	6	16	23	3	3	13	9	9	9
Drum (Atlantic croaker)	H	6,696	8,260	7,657	7,222	6,944	8,389	5,328	4,744	3,305	3,455
	R	6,544	6,276	8,738	4,194	8,505	7,807	7,621	4,824	4,873	5,100
Drum (spot)	H	1,441	1,718	2,782	3,585	8,203	4,398	2,147	1,670	2,967	1,350
	R	934	881	2,457	1,372	2,156	1,487	1,458	1,155	2,245	1,146
Drum (spotted seatrout)	H	102	69	22	43	159	104	22	17	248	126
	R	207	258	192	83	363	367	171	550	1,215	429
Drum (weakfish) ¹	H	86	158	44	43	88	28	16	4	4	22
	R	504	545	355	556	230	427	84	178	289	103
Red drum	H	14	5	3	13	46	21	38	11	(1)	29
	R	43	33	28	186	110	237	178	29	61	2,503
Striped bass	H	402	393	258	461	238	245	226	74	123	70
	R	970	1,733	1,295	1,655	949	532	359	135	154	102
Summer flounder	H	451	674	684	763	398	260	288	261	317	260
	R	2,585	3,697	2,509	2,164	3,023	2,425	3,613	2,420	1,987	856
Wrasses (tautog)	H	76	151	61	105	61	56	61	127	46	14
	R	55	123	77	200	80	34	34	130	36	17

¹This species may not be equivalent to species with similar names listed in the commercial tables.

Virginia's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2003	183,468 (2.5%)	2,932,822 (2.6%)	106,078 (2.6%)	184,132 (2.9%)	307,377 (2.8%)	0.5
2011	191,063 (2.6%)	3,029,030 (2.7%)	145,346 (2.8%)	257,083 (3.1%)	433,611 (2.9%)	0.61
%change	4.14%	3.28%	37.02%	39.62%	41.07%	22 %

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	53	68	65	74	62	74	69	56	73
	Receipts	2,370	3,456	3,665	4,916	4,845	5,020	4,039	3,698	3,792
Seafood sales, retail	Firms	88	89	80	86	84	80	80	82	78
	Receipts	7,193	8,346	8,762	8,027	7,265	8,273	6,603	6,951	7,819

Seafood Sales & Processing - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	38	42	39	33	30	26	25	23	18
	Employees	1,256	1,231	1,336	871	955	490	941	961	899
	Payroll	37,386	38,731	39,980	28,530	34,520	11,366	30,600	30,460	33,285
Seafood Sales, wholesale	Establishments	84	86	86	80	83	69	72	76	62
	Employees	742	756	675	605	734	621	519	518	469
	Payroll	20,133	22,235	21,864	21,388	25,365	17,667	15,620	17,901	15,733
Seafood sales, retail	Establishments	61	68	69	75	73	68	62	59	58
	Employees	165	297	286	334	282	251	271	265	277
	Payroll	3,146	4,479	4,865	5,348	5,227	5,170	5,401	5,480	5,453

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	16	13	15	13	15	10	9	7	7
	Employees	591	ND	ND	ND	565	ND	ND	ND	ND
	Payroll	26,881	ND	ND	ND	30,704	ND	ND	ND	ND
Deep sea freight transportation	Establishments	22	21	24	22	20	18	16	17	21
	Employees	1,087	1,124	1,090	1,564	1,611	409	ND	421	492
	Payroll	87,099	91,978	95,871	141,085	148,502	32,473	19,241	35,917	42,018
Deep sea passenger transportation	Establishments	2	2	1	1	1	2	2	1	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Marinas	Establishments	136	137	141	131	126	119	118	115	110
	Employees	ND	ND	ND	ND	992	964	829	868	818
	Payroll	ND	ND	ND	ND	26,186	24,326	24,631	24,182	23,379
Marine cargo handling	Establishments	19	19	18	17	15	12	12	7	11
	Employees	ND	ND	1,516	1,110	1,085	ND	ND	ND	ND
	Payroll	ND	ND	52,254	51,654	56,696	ND	ND	41,280	41,262
Navigational services to shipping	Establishments	15	20	21	17	18	23	25	26	21
	Employees	ND	ND	ND	ND	216	375	384	411	419
	Payroll	ND	ND	ND	ND	11,700	21,014	22,177	22,910	22,132
Port & harbor operations	Establishments	8	9	9	10	10	8	6	7	6
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ship & boat building	Establishments	50	52	50	51	52	59	53	56	51
	Employees	20,720	21,022	21,230	21,741	ND	ND	ND	ND	ND
	Payroll	901,156	920,372	938,375	993,066	ND	ND	ND	ND	ND

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which states CFLQs can be compared.

ND- these data are confidential and therefore not available

NA- these data are not available