

Mid-Atlantic Region

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



Crabbing, Chesapeake Bay, Maryland
(photo credit: Kristy Wallmo)

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 covered in these fishery management plans were listed as overfished or experiencing overfishing in 2013. Currently, the MAFMC is working on amendments to several FMPs. These amendments include changes to the Atlantic mackerel, squid, and butterfish FMP to protect deepsea corals from the impacts of bottom-tending fishing gear in the Mid-Atlantic. In addition, the MAFMC is developing an amendment to the Summer Flounder, Scup, and Black Sea Bass FMP with input from and coordination with the Atlantic States Marine Fisheries Commission. This amendment involves updating FMP goals and objectives for summer flounder as well as changes to summer flounder management in both state and federal waters.

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.

The Atlantic Surfclam ITQ 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 program performance indicators show that 2012 surfclam revenue per active vessel increased but the number of active vessels, surfclam quota and landings, and inflation-adjusted surfclam revenue decreased relative to its Baseline period (3-year period prior to implementation).

The Atlantic Ocean Quahog ITQ 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. Key program performance indicators show that relative to its Baseline period, 2012 ocean quahog quota and landings, the number of active vessels, and inflation-adjusted ocean quahog revenue decreased while ocean quahog revenue per active vessel increased.

The Golden Tilefish IFQ Program was implemented in 2009 to reduce overcapacity and eliminate problems associated with the race to fish golden tilefish. This 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 show that relative to its Baseline, 2012 golden tilefish quota, landings, and both inflation-adjusted golden tilefish landings revenue and revenue per active vessel had increased while the number of active vessels had decreased. Total revenue of catch share program participants declined, however, during this period because of declining revenues from trips they made in other fisheries.

COMMERCIAL FISHERIES

In 2013, commercial fishermen in the Mid-Atlantic Region landed 583 million pounds of finfish and shell-

fish earning \$458 million in landings revenue. Landings revenue was dominated by sea scallop (\$101 million) and blue crab (\$87 million). These species commanded ex-vessel prices of \$11.34 and \$1.57 per pound, respectively, and comprised 41% of total landings revenue in the Mid-Atlantic Region.

Key Mid-Atlantic Region Commercial Species

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

Virginia (\$163 million) and New Jersey (\$133 million) had the highest landings revenue in the region in 2013. Delaware had the lowest landings revenue (\$7.4 million). In terms of pounds landed, Virginia (382 million pounds) had the highest landings, followed by New Jersey (120 million pounds). Delaware had the lowest landings at 4 million pounds.

Economic Impacts¹

In 2013, the Mid-Atlantic Region’s seafood industry generated \$6.4 billion in sales impacts in New Jersey, \$5.8 billion in sales impacts in New York, \$1.2 billion in sales impacts in Maryland, \$ 1.1 billion in sales impacts in Virginia, and \$56 million in sales impacts in Delaware. The largest job impacts were generated in New York (49,000 jobs) and New Jersey (41,000 jobs). The largest income (\$1.4 billion) and value added (\$2.3 billion) impacts were generated in New Jersey. The smallest impacts were generated in Delaware with 400 jobs, \$11.2 million in income, and \$18.7 million in value added.

The sector that generated the greatest employment impacts by state was the retail sector with 25,000 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 \$4.5 billion and the greatest value added impacts were also generated by importers in New Jersey (\$1.4 billion).

Landings Revenue

Landings revenue in the Mid-Atlantic Region totaled \$458 million in 2013. This was a 12% increase (a 17%

decrease in real terms) from 2004 levels and a 6% decrease from 2012. Virginia (\$163 million) and New Jersey (\$133 million) had the highest landings revenue in the region while Delaware had the lowest (\$7.4 million).

Totaling \$310 million in 2013, shellfish revenue experienced a 3% decrease (a 29% decrease in real terms) from 2004 to 2013 and a 13% decrease from 2012 to 2013. New Jersey earned the most from shellfish (\$107 million), followed by Virginia (\$106 million), and New York (\$34 million). New Jersey and Virginia earned the most from finfish landings revenue, \$62 million and \$57 million, respectively.

Sea scallop (\$101 million) and blue crab (\$87 million) had the highest landings revenue in the Mid-Atlantic Region in 2013. From 2004 to 2013, species or species groups with large increases in landings revenue included oysters (557%, 383% in real terms), striped bass (159%, 91% in real terms), and quahog clam (80%, 33% in real terms). Species or species groups with large increases in landings revenue between 2012 and 2013 include oysters (342%), quahog clam (42%), and striped bass (35%). Surging production in Virginia from aquaculture operations accounted for the majority of oyster landings revenue growth.

Notably large decreases in landings revenue between 2004 and 2013 were experienced by Atlantic surfclam (-49%, -62% in real terms), American lobster (-45%, -59% in real terms), and squid (-15%, -37% in real terms). Species or species groups with large decreases in landings revenue between 2012 and 2013 included sea scallop (-40%), American lobster (-40%), and squid (-32%).

Landings

Fishermen in the Mid-Atlantic Region landed 582 million pounds of finfish and shellfish in 2013. This was a 23% decrease from 2004 levels and a 22% decrease from 2012. Virginia (382 million pounds) and New Jersey (120 million pounds) had the highest landings while Delaware had the lowest (4 million pounds). Finfish landings contributed 76% of total landings in the Mid-Atlantic Region (446 million pounds) in 2013. Finfish landings experienced a 16% decrease from 2004 to 2013 and a 22% decrease from 2012. Shellfish landings

¹ The 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).

experienced a 40% decrease from 2004 to 2013 and a 25% decrease from 2012.

Menhaden had the highest annual landings (366 million pounds) in the Mid-Atlantic in 2013 and accounted for 63% of total landings in the region. From 2004 to 2013, species or species groups with large increases in landings included oysters (402%) and striped bass (20%). Species or species groups with large increases in landings between 2012 and 2013 included oysters (131%) and quahog clam (24%). Sea scallop (-73%), squid (-65%), Atlantic surf-clam (-55%), and American lobster (-47%) experienced sizable declines in landings between 2004 and 2013. Species or species groups with large decreases in landings from 2012 and 2013 include sea scallop (-50%), squid (-45%), American lobster (-42%), and blue crab (-36%).

Commercial Fisheries Facts

Landings revenue

- On average, between 2004 and 2013, the key species or species groups accounted for 84% of total revenue, generating \$381 million in the Mid-Atlantic Region.
- Sea scallop had higher landings revenues than any other species or species group, averaging \$162 million in landings revenue from 2004 to 2013.

Landings

- Key species or species groups contributed an average of 84% annually to total landings between 2004 and 2013, with an annual average of 613 million pounds.
- Menhaden, contributed the most to landings in the region, averaging 436 million pounds from 2004 to 2013.

Prices

- Sea scallop had the highest average annual ex-vessel price per pound from 2004 to 2013:\$7.66.
- Menhaden had the lowest average annual ex-vessel price per pound 2004 to 2013:\$0.07.

Prices

The ex-vessel prices for the Mid-Atlantic’s key species and species groups in 2013 were higher than their 10 year average for eight of the key species (seven of the species in real terms). Ex-vessel prices for squid

(147%, 83% in real terms), sea scallops (136%, 73% in real terms), and striped bass (116%, 59% in real terms) increased the most between 2004 and 2013. Relative to ex-vessel prices in 2012, oyster (91%), striped bass (60%), and blue crab (35%) had the greatest increase.

RECREATIONAL FISHERIES

In 2013, 2.2 million recreational anglers took 14 million fishing trips in the Mid-Atlantic Region. About 94% of these anglers were residents of a coastal county in this region. Of the total fishing trips taken, 48% were taken from a private or rental boat and another 42% were shore-based. Atlantic croaker were the most frequently caught species or species group with 17.1 million fish caught in 2013.

Economic Impacts and Expenditures²

Key Mid-Atlantic Region Recreational Species

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

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 13,010 full- and part-time jobs generated by recreational fishing activities in the state in 2013. Job impacts were lowest in Delaware (875 jobs).

In addition to employment impacts, the contribution of recreational fishing activities to the Mid-Atlantic Region’s economy can be measured in terms of sales, income impacts, and the contribution of these activities to gross domestic product (value added impacts). In 2013, sales, income, and value added impacts were the highest in New Jersey with \$1.5 billion in sales impacts, \$665 million in income impacts, and \$1 billion in value added. These impacts were lowest in Delaware.

Overall, total fishing trip and durable equipment expenditures across the Mid-Atlantic in 2013 were \$3.4 billion.

² Expenditure 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, 2011, available at: <https://www.st.nmfs.noaa.gov/economics/publications/marine-angler-expenditures/marine-angler-2011>).

Approximately 78% of these expenditures were related to durable equipment purchases. The greatest expenditures were for boat expenses (\$1.3 billion), followed by fishing tackle (\$669 million), and vehicle expenses (\$387 million).

Fishing trip-related expenditures by the Mid-Atlantic Region's non-residents totaled over \$214 million, of which the greatest portion can be attributed to private boat-based fishing trips (\$84 million). Residents of the Mid-Atlantic Region spent \$538 million on saltwater fishing trips, with the most of these expenses generated by private boat trips (\$280 million).

Recreational Fishing Facts

Participation

- An average of 2.8 million anglers fished in the Mid-Atlantic Region annually from 2004 to 2013.
- Residents of coastal counties within the Mid-Atlantic region accounted for an average of 93% of total anglers annually over the 10 year time period.

Fishing trips

- In the Mid-Atlantic Region, an average of 18 million fishing trips were taken annually from 2004 to 2013.
- Private or rental boat and shore-based fishing trips accounted for an annual average of 10.1 million and 6.8 million fishing trips, respectively, from 2004 to 2013.

Harvest and release

- Summer flounder was the most commonly caught key species or species group, averaging 19.4 million fish over the 10 year time period. Croaker (16.9 million fish) and bluefish (9 million fish) were the next most frequently caught.
- Of the ten commonly caught key species or species groups, eight were released more often than harvested over this time period.

Participation

There were 2.2 million recreational anglers who fished in the Mid-Atlantic Region in 2013, a 12% decrease from 2004. About 94% of these anglers were residents of a coastal county within the region.

Fishing Trips

Recreational fishermen took 14 million fishing trips in the Mid-Atlantic Region in 2013. This was a 24% decrease from 2004 and a 1% decrease from 2012. Of the total trips taken in the Mid-Atlantic Region in 2013, approximately 48% of the trips were private or rental boat-based and 42% of trips were shore-based.

Harvest and Release

Atlantic croaker (17 million fish), summer flounder (14 million fish), and spot (12 million fish) were the most frequently caught species by recreational anglers in the Mid-Atlantic Region in 2013.

MARINE ECONOMY³

Across all sectors of the economy in the Mid-Atlantic Region nearly 17 million full-and part-time employees were employed by about 1.1 million establishments in 2012. Annual payroll totaled \$916.5 billion. Total employee compensation in the Mid-Atlantic region totaled \$1.5 trillion and the combined gross state product of all states totaled about \$2.7 trillion.⁴

The Commercial Fishing Location Quotient (CFLQ) provides a measure of the proportional size of this sector in a state's economy relative to the size of the commercial fishing sector in the national economy.⁵ The CFLQ is calculated as the ratio of the percentage of regional employment in the commercial fishing sector relative to the percentage of national employment in the commercial fishing sector. The US CFLQ is 1; a state CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

In 2012, the commercial fishing location quotient (CFLQ) for New Jersey was the highest in the region at 1. New Jersey's CFLQ suggests that the level of employment in commercial fishing-related industries in this state is approximately the same level of employment in these industries nationwide. Other states within the region had a lower proportion of employment in these sectors than the national average; the CFLQ for these states were all considerably less than 1.

³ Unless otherwise stated, data is from the U.S. Census Bureau, <http://censtats.census.gov/> (accessed September 15, 2014).

³ U.S. Bureau of Economic Analysis, "Table 1.1.5 Gross Domestic Product" and "Table SA6N Compensation of Employees by NAICS Industry," http://www.bea.gov/iTable/index_nipa.cfm (accessed September 15, 2014).

³ U.S. Bureau of Labor Statistics, "Location Quotient Calculator," http://data.bls.gov/location_quotient/ (accessed September 15, 2014).

For this report, the marine economy, a subset of the regional economy, is comprised of two industry sectors: 1) seafood sales and processing, which includes both employer establishments and nonemployer firms (businesses that have no paid employees and are subject to federal income tax); and 2) transport, support, and marine operations (employer establishments only). These sectors are comprised of several different marine-related industries. The following sections discuss the contribution of these industries to the national marine economy in terms of the number of establishments or firms, employees, and total annual payroll or receipts.

Seafood Sales and Processing

In 2012, there were more than 311 nonemployer firms (businesses that have no paid employees and are subject to federal income tax) with receipts totaling \$19.6 million engaged in seafood product preparation and packaging across the Mid-Atlantic region (data for Delaware are suppressed). This was a 63% increase in the number of firms from 2004 levels. New York (133) and Virginia (76) accounted for the majority of these firms. There were 64 employer establishments in the seafood product preparation sector in 2012, a decline of 35% since 2004. The majority of these establishments (19) were located in Virginia. Employment in this sector was 1,854 and payroll was \$86 million in 2012 (excludes Delaware firms), down 42% and 12%, respectively, since 2004.

There were 456 seafood wholesale establishments in the Mid-Atlantic region in 2012, a decrease of 10% from 2004. Most of these firms (291) were located in New York. Employment in the seafood wholesale sector was 4,113, down 9% since 2004. Payroll was \$171 million in 2012, up 3% since 2004.

There were 476 nonemployer firms engaged in seafood retail sales in the Mid-Atlantic region in 2012, a 4% decrease from 2004 levels. New York (205) and Maryland (96) had the largest number of firms in this sector. Receipts from these firms totaled \$42 million in 2012, down 27% from 2004. Region-wide, there were 653 employer establishments in the seafood retail sales sector in 2012, a decrease of 7% from 2004. Most of these firms were located in New York (385). Employment in the seafood retail sector was 2,911 (down 8% from

2004) and payroll was \$70 million (up 20% from 2004).

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 907 establishments were classified as marinas, employing 4,700 workers and spending \$187 million on payroll in 2012.

Tables | Mid-Atlantic Region



2013 Economic Impacts of the Mid-Atlantic Seafood Industry (thousands of dollars)

	Landings Revenue	With Imports				Without Imports			
		Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Delaware	7,422	406	56,315	11,206	18,685	321	36,061	7,637	12,248
Maryland	75,862	12,419	1,244,130	320,695	490,589	6,994	361,467	132,944	181,129
New Jersey	132,905	41,319	6,397,514	1,421,131	2,313,158	6,385	504,586	167,686	240,751
New York	56,978	48,732	5,809,415	1,247,120	2,060,194	4,471	203,691	70,774	98,996
Virginia	163,293	16,162	1,148,669	364,656	522,944	13,992	772,393	289,524	394,838

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	407,276	440,084	374,266	423,359	452,776	435,984	524,239	534,200	488,316	457,913
Finfish & Other	87,648	101,538	106,473	104,001	91,595	102,038	113,919	122,523	130,562	148,031
Shellfish	319,628	338,547	267,793	319,358	361,181	333,946	410,321	411,678	357,753	309,881
Key Species										
American lobster	5,656	6,696	9,105	8,744	7,213	5,989	6,265	4,687	5,248	3,126
Atlantic surfclam	26,760	27,084	27,241	32,479	30,019	26,426	19,940	18,737	13,718	13,688
Blue crab	69,364	71,073	55,628	69,498	80,912	80,019	128,490	99,340	100,410	86,787
Eastern oyster	5,663	6,703	6,343	9,039	11,205	9,356	12,014	6,601	8,428	37,230
Menhaden	25,570	28,188	25,104	29,918	24,457	28,581	40,341	39,676	40,023	33,630
Quahog clam	19,918	20,773	20,230	23,601	35,853	23,022	28,880	19,994	25,351	35,902
Sea scallop	160,665	181,327	121,121	147,053	165,916	161,814	184,288	227,443	168,921	100,551
Squid	14,278	9,163	7,937	7,443	7,724	7,158	12,031	20,646	17,819	12,170
Striped Bass	7,633	11,335	9,958	10,993	10,671	11,459	11,419	12,653	14,608	19,792
Summer flounder	13,244	13,615	13,432	10,855	9,693	9,980	12,854	15,578	17,161	17,367

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	757,107	708,741	690,920	750,026	687,838	695,009	814,205	791,154	751,144	582,707
Finfish & Other	529,453	517,898	511,013	556,767	482,200	490,284	579,688	577,875	568,075	445,508
Shellfish	227,654	190,843	179,906	193,259	205,638	204,725	234,517	213,278	183,070	137,200
Key Species										
American lobster	1,394	1,585	1,772	1,604	1,520	1,576	1,549	1,085	1,266	732
Atlantic surfclam	50,984	50,921	46,631	53,952	48,099	41,692	30,945	30,272	22,418	22,788
Blue crab	68,979	70,983	61,862	65,070	67,975	76,097	119,684	101,485	86,424	55,424
Eastern oyster	859	1,202	962	2,388	1,778	1,438	1,768	1,451	1,865	4,311
Menhaden	421,309	412,672	400,662	472,086	397,537	395,469	499,867	496,847	492,402	366,343
Quahog clam	3,537	3,735	3,568	4,115	5,246	3,255	3,686	2,345	3,689	4,586
Sea scallop	33,381	24,526	18,747	22,793	24,355	25,646	23,998	23,385	17,627	8,866
Squid	41,586	12,260	10,520	8,607	8,241	8,310	26,822	33,333	26,069	14,445
Striped Bass	3,927	5,706	4,741	5,477	5,693	5,852	5,621	5,461	5,571	4,709
Summer flounder	8,400	8,360	6,608	4,725	4,260	5,137	6,386	8,659	7,777	8,091

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American lobster	4.06	4.22	5.14	5.45	4.75	3.80	4.04	4.32	4.15	4.27
Atlantic surfclam	0.52	0.53	0.58	0.60	0.62	0.63	0.64	0.62	0.61	0.60
Blue crab	1.01	1.00	0.90	1.07	1.19	1.05	1.07	0.98	1.16	1.57
Eastern oyster	6.59	5.58	6.60	3.79	6.30	6.51	6.79	4.55	4.52	8.64
Menhaden	0.06	0.07	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.09
Quahog clam	5.63	5.56	5.67	5.74	6.83	7.07	7.84	8.53	6.87	7.83
Sea scallop	4.81	7.39	6.46	6.45	6.81	6.31	7.68	9.73	9.58	11.34
Squid	0.34	0.75	0.75	0.86	0.94	0.86	0.45	0.62	0.68	0.84
Striped Bass	1.94	1.99	2.10	2.01	1.87	1.96	2.03	2.32	2.62	4.20
Summer flounder	1.58	1.63	2.03	2.30	2.28	1.94	2.01	1.80	2.21	2.15

2013 Economic Impacts of the Mid-Atlantic Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Income	Value Added
Delaware	765	875	83,017	34,261	53,102
Maryland	2,735	5,869	606,755	271,736	404,787
New Jersey	4,364	13,010	1,533,952	665,011	999,596
New York	3,873	3,835	406,531	185,212	274,574
Virginia	2,480	7,987	774,297	321,564	516,808

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	668,728
For-Hire	65,550	126,501	Other Equipment	177,098
Private Boat	84,284	280,444	Boat Expenses	1,283,868
Shore	63,980	130,850	Vehicle Expenses	387,275
Total	213,814	537,793	Second Home Expenses	130,994
			Total Durable Expenditures	2,647,961
Total State Trip and Durable Equipment Expenditures				3,399,568

Recreational Anglers by Residential Area (thousands of anglers)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	2,363	3,002	2,876	3,234	2,823	2,437	2,598	2,244	2,093	2,080
Non-Coastal	157	252	224	212	197	187	178	145	175	139
Out-of-State	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Anglers	2,520	3,254	3,100	3,446	3,020	2,623	2,776	2,389	2,268	2,219

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	1,097	1,270	1,337	1,690	1,143	1,111	873	1,050	951	1,365
Private	11,245	11,899	11,862	12,371	11,566	9,708	9,366	8,512	7,676	6,851
Shore	6,243	7,667	7,370	8,125	8,005	6,196	6,346	6,413	5,805	6,000
Total Trips	18,584	20,836	20,569	22,186	20,714	17,015	16,585	15,976	14,432	14,216

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Black seabass	H	1,317	996	1,117	1,302	926	1,335	1,317	532	1,134	786
	R	5,528	5,412	5,739	6,403	8,475	6,273	6,458	3,203	7,666	5,113
Bluefish	H	4,140	4,670	3,901	4,947	3,515	2,933	2,560	2,467	2,640	2,168
	R	6,305	6,641	5,699	8,011	7,211	4,457	3,936	4,242	4,269	2,463
Drum (Atlantic croaker)	H	10,402	10,494	9,251	8,583	9,978	7,308	6,019	3,993	4,788	6,581
	R	8,967	12,242	7,418	11,025	12,910	9,405	6,232	5,390	8,429	10,520
Drum (spot)	H	2,603	4,768	6,659	11,998	6,557	4,346	3,698	4,032	2,849	5,814
	R	1,305	4,755	2,885	3,940	4,490	2,238	2,575	2,610	2,642	5,802
Drum (weakfish)	H	418	1,105	553	332	372	38	15	8	157	49
	R	1,422	1,970	2,052	1,037	1,987	180	459	469	955	213
Porgies (scup)	H	1,950	992	2,006	1,699	1,543	1,637	2,736	770	714	1,242
	R	3,729	2,254	3,542	2,500	3,171	2,292	2,413	1,041	1,628	1,967
Striped bass	H	1,475	1,601	2,028	1,775	1,683	1,387	1,407	1,653	951	1,420
	R	9,580	8,033	9,227	7,730	4,787	3,802	3,467	3,781	3,410	4,737
Summer flounder	H	3,470	3,338	3,197	2,543	1,724	1,564	1,226	1,513	1,968	2,061
	R	15,124	20,358	14,547	16,577	18,433	21,371	21,400	18,466	13,317	12,161
Winter flounder	H	268	132	325	108	44	76	56	92	44	6
	R	65	221	190	43	32	138	102	126	36	33
Wrasses (tautog)	H	599	277	679	728	669	692	761	352	165	236
	R	1,372	858	2,007	2,202	1,979	1,911	2,317	1,531	1,110	1,219

¹ NA = 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.

Tables | Delaware



2013 Economic Impacts of the Delaware Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	406	56,315	11,206	18,685	321	36,061	7,637	12,248
Commercial Harvesters	157	13,492	3,210	4,347	157	13,492	3,210	4,347
Seafood Processors & Dealers	31	5,547	976	1,876	30	5,224	919	1,767
Importers	62	17,174	2,752	5,235	0	0	0	0
Seafood Wholesalers & Distributors	30	4,014	1,526	1,819	20	2,639	1,003	1,196
Retail	125	16,088	2,741	5,406	114	14,707	2,504	4,938

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	5,419	6,113	5,692	7,931	6,900	7,543	7,845	7,091	7,897	7,422
Finfish & Other	1,258	1,273	1,330	1,300	1,100	1,068	1,074	1,328	1,241	1,794
Shellfish	4,161	4,840	4,361	6,631	5,801	6,475	6,772	5,763	6,657	5,627
Key Species										
American eel	169	100	275	292	190	134	206	274	159	244
Black sea bass	181	157	190	198	156	25	8	2	0	2
Blue crab	2,839	3,429	2,961	5,329	4,605	5,435	5,957	4,819	6,120	4,576
Eastern oyster	361	485	459	490	410	334	404	347	304	407
Quahog clam	175	220	NA	NA	NA	NA	NA	NA	NA	NA
Sea scallop	12	102	99	NA	256	173	NA	NA	NA	NA
Spot	38	98	7	57	40	49	50	67	12	64
Striped bass	497	494	380	300	403	327	400	410	470	766
Weakfish	61	82	32	31	18	5	4	2	50	16
Whelks	690	562	NA	NA	NA	NA	NA	NA	NA	NA

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	4,288	4,851	4,380	5,346	4,706	5,011	5,214	4,921	5,239	4,048
Finfish & Other	1,349	1,470	1,156	1,102	817	1,154	851	1,157	913	1,265
Shellfish	2,938	3,381	3,224	4,244	3,890	3,857	4,363	3,764	4,327	2,783
Key Species										
American eel	142	110	120	131	80	60	69	91	54	83
Black sea bass	84	73	87	73	61	6	3	4	0	4
Blue crab	2,276	2,924	2,856	3,799	3,508	3,414	4,110	3,502	4,201	2,488
Eastern oyster	79	84	75	80	67	67	71	62	52	71
Quahog clam	54	69	NA	NA	NA	NA	NA	NA	NA	NA
Sea scallop	2	13	16	NA	38	25	NA	NA	NA	NA
Spot	59	155	8	62	32	61	60	82	17	73
Striped bass	176	174	137	143	189	184	185	185	190	187
Weakfish	51	71	18	25	11	3	2	1	27	9
Whelks	491	276	NA	NA	NA	NA	NA	NA	NA	NA

Average Annual Price of Key Species/Species Groups (dollars per pound)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American eel	1.19	0.91	2.28	2.22	2.38	2.24	3.00	3.03	2.93	2.94
Black sea bass	2.17	2.15	2.18	2.73	2.57	4.31	2.62	0.50	0.85	0.50
Blue crab	1.25	1.17	1.04	1.40	1.31	1.59	1.45	1.38	1.46	1.84
Eastern oyster	4.57	5.76	6.10	6.14	6.09	4.97	5.67	5.56	5.90	5.71
Quahog clam	3.26	3.18	NA	NA	NA	NA	NA	NA	NA	NA
Sea scallop	5.18	8.08	6.27	NA	6.81	6.80	NA	NA	NA	NA
Spot	0.65	0.63	0.97	0.92	1.24	0.81	0.84	0.82	0.75	0.88
Striped bass	2.82	2.84	2.78	2.09	2.13	1.77	2.16	2.21	2.47	4.09
Weakfish	1.18	1.16	1.76	1.27	1.75	1.93	1.56	2.01	1.87	1.85
Whelks	1.41	2.04	NA	NA	NA	NA	NA	NA	NA	NA

¹ NA = these data are confidential thus not disclosable.

2013 Economic Impacts of Delaware Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	76	7,501	3,019	4,237
	Private Boat	132	13,156	4,341	7,097
	Shore	198	17,202	5,954	9,724
Total Durable Expenditures		469	45,158	20,947	32,044
Total State Economic Impacts		875	83,017	34,261	53,102

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
For-Hire	3,313	1,580	Fishing Tackle	18,205
Private Boat	5,363	7,953	Other Equipment	6,870
Shore	8,216	7,170	Boat Expenses	16,703
Total	16,892	16,702	Vehicle Expenses	14,462
			Second Home Expenses	3,100
			Total Durable Expenditures	59,340
Total State Trip and Durable Equipment Expenditures				92,934

Recreational Anglers by Residential Area (thousands of anglers)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	116	120	137	150	134	114	128	129	111	82
Non-Coastal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out-of-State	243	191	205	224	182	173	165	190	151	97
Total Anglers	359	311	342	374	315	287	293	318	262	179

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	31	41	62	71	55	44	21	18	20	37
Private	654	553	595	721	528	487	408	511	481	349
Shore	389	431	427	459	444	379	391	397	374	378
Total Trips	1,074	1,025	1,084	1,251	1,028	911	819	926	875	765

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic mackerel	H	13	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)	(1)	(1)
Black seabass	H	44	68	114	93	22	37	22	43	40	37
	R	277	276	328	584	464	293	232	211	205	249
Bluefish	H	126	128	97	154	69	98	32	46	35	24
	R	408	190	289	539	167	167	58	128	118	70
Drum (Atlantic croaker)	H	389	825	764	359	370	452	76	92	88	232
	R	598	675	937	672	602	537	229	88	447	770
Drum (weakfish)	H	5	19	11	4	4	6	(1)	(1)	5	7
	R	72	105	95	23	61	4	12	6	85	23
Striped bass	H	26	20	20	8	27	20	16	18	25	19
	R	156	251	248	248	261	145	65	110	110	84
Summer flounder	H	111	73	88	108	35	87	53	66	45	58
	R	737	795	445	1,072	604	964	618	616	253	238
White perch	H	63	36	69	34	40	64	187	112	70	119
	R	303	105	194	190	243	121	397	272	187	369
Wrasse (tautog)	H	71	61	111	100	102	120	57	45	47	39
	R	199	233	193	267	164	224	196	88	107	99
Yellowfin tuna	H	1	4	6	(1)	1	(1)	(1)	(1)	(1)	1
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

¹ Data is not available because all Delaware residents are considered coastal county residents.

² In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

Delaware's State Economy (% of national total)^{1,2}

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ³
2004	25,391 (0.3%)	391,682 (0.3%)	16.07 (0.4%)	22.79 (0.3%)	49.49 (0.4%)	ds
2012	23,861 (0.3%)	363,688 (0.3%)	18.32 (0.3%)	27.52 (0.3%)	60.65 (0.4%)	0.15
% change	-6.4	-7.7	12.2	17.2	18.4	NA

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)¹

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	ds	3	3	ds	3	NA	ds	ds	ds
	Receipts	ds	64	214	ds	27	NA	ds	ds	ds
Seafood sales, retail	Firms	9	12	9	12	9	10	9	9	11
	Receipts	803	1,523	835	1,025	418	813	1,107	1,226	1,333

Seafood Sales & Processing - Employer Establishments (thousands of dollars)¹

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	1	1	1	1	1	1	1	1	1
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Seafood sales, wholesale	Establishments	2	3	3	3	6	7	7	7	7
	Employees	ds	ds	9	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	337	ds	ds	ds	ds	ds	ds
Seafood sales, retail	Establishments	16	14	17	19	18	16	15	18	16
	Employees	144	138	135	105	ds	50	47	49	ds
	Payroll	3,363	3,264	3,133	2,997	1,498	1,348	1,414	1,493	1,545

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)^{1,2}

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	3	3	3	3	2	2	1	0	0
	Employees	ds	ds	ds	ds	ds	ds	ds	NA	NA
	Payroll	ds	ds	ds	ds	ds	ds	ds	NA	NA
Deep sea freight transportation	Establishments	1	1	0	0	4	4	5	2	1
	Employees	ds	ds	NA	NA	ds	ds	120	ds	ds
	Payroll	ds	ds	NA	NA	ds	ds	10,768	ds	ds
Deep sea passenger transportation	Establishments	0	1	0	0	0	0	1	0	0
	Employees	NA	ds	NA	NA	NA	NA	ds	NA	NA
	Payroll	NA	ds	NA	NA	NA	NA	ds	NA	NA
Marinas	Establishments	17	16	18	17	19	16	19	17	18
	Employees	ds	ds	ds	88	65	ds	65	ds	67
	Payroll	ds	ds	ds	2,540	1,738	1,877	2,342	3,106	1,963
Marine cargo handling	Establishments	5	4	4	3	3	3	3	3	2
	Employees	ds	ds	597	527	629	ds	434	511	ds
	Payroll	ds	ds	18,812	19,027	19,204	16,952	16,835	19,203	ds
Navigational services to shipping	Establishments	9	9	8	8	9	8	8	8	8
	Employees	ds	ds	75	76	79	85	76	78	ds
	Payroll	ds	ds	4,783	4,961	5,360	5,672	5,176	5,096	3,111
Port & harbor operations	Establishments	2	2	3	2	2	2	3	3	4
	Employees	ds	ds	ds	ds	ds	ds	29	44	ds
	Payroll	ds	ds	ds	ds	ds	ds	1,182	1,512	ds
Ship & boat building	Establishments	1	1	1	1	2	2	2	3	4
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	50
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	2,313

¹ ds = these data are suppressed.

² NA = not applicable.

³ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

Tables | Maryland



2013 Economic Impacts of the Maryland Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	12,419	1,244,130	320,695	490,589	6,994	361,467	132,944	181,129
Commercial Harvesters	2,788	132,855	37,709	58,971	2,788	132,855	37,709	58,971
Seafood Processors & Dealers	1,397	122,716	47,821	61,065	635	55,550	21,647	27,643
Importers	2,494	685,951	109,937	209,108	0	0	0	0
Seafood Wholesalers & Distributors	609	79,271	26,946	35,779	201	26,115	8,877	11,787
Retail	5,132	223,338	98,281	125,665	3,370	146,947	64,711	82,728

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	49,200	63,754	53,597	65,329	73,196	75,893	104,882	77,987	77,859	75,862
Finfish & Other	4,670	10,766	9,844	12,170	11,090	11,615	13,161	13,607	15,271	17,183
Shellfish	44,530	52,988	43,753	53,158	62,106	64,278	91,721	64,381	62,587	58,679
Key Species										
Atlantic croaker	751	543	359	335	442	415	509	469	655	450
Black sea bass	573	724	118	454	445	451	590	508	421	703
Blue crab	39,104	39,962	31,141	41,690	50,115	52,049	79,805	59,193	59,369	49,956
Clams or bivalves	4,654	4,784	4,889	5,074	5,436	4,403	5,400	3,921	2,254	362
Eastern oyster	181	3,435	1,238	3,146	2,277	3,849	4,361	NA	NA	7,357
Menhaden	232	1,514	650	1,379	915	884	755	714	1,654	861
Sea scallop	417	4,549	6,201	2,809	3,758	3,160	1,188	551	202	8
Striped bass	1,549	4,259	4,591	5,333	5,232	5,180	5,531	5,610	6,898	9,931
Summer flounder	444	677	550	546	578	551	546	463	350	519
White perch	347	848	569	619	776	942	1,158	1,482	1,319	1,029

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	49,509	67,489	51,212	61,585	63,534	66,819	102,916	77,555	73,415	43,932
Finfish & Other	8,055	25,000	12,564	21,618	18,626	19,968	27,885	21,292	26,875	16,890
Shellfish	41,454	42,489	38,648	39,967	44,908	46,850	75,031	56,263	46,540	27,042
Key Species										
Atlantic croaker	1,801	1,389	738	576	778	550	622	784	1,026	855
Black sea bass	284	337	43	171	159	126	203	183	141	220
Blue crab	33,826	34,914	29,446	30,778	34,872	38,801	66,661	50,027	42,690	24,179
Clams or bivalves	7,270	6,112	7,756	7,947	8,600	6,292	6,971	5,374	2,961	609
Eastern oyster	43	738	274	317	249	498	430	NA	NA	788
Menhaden	3,336	15,806	5,192	13,751	9,615	9,419	15,756	8,366	16,326	7,298
Sea scallop	94	591	931	450	569	521	153	58	20	1
Striped bass	885	2,349	2,485	2,640	2,655	2,812	2,549	2,344	2,524	2,018
Summer flounder	262	338	248	229	208	214	263	259	148	178
White perch	453	1,524	688	973	858	1,301	1,704	2,041	1,833	1,244

Average Annual Price of Key Species/Species Groups (dollars per pound)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic croaker	0.42	0.39	0.49	0.58	0.57	0.75	0.82	0.60	0.64	0.53
Black sea bass	2.02	2.15	2.73	2.66	2.79	3.59	2.90	2.78	2.99	3.20
Blue crab	1.16	1.14	1.06	1.35	1.44	1.34	1.20	1.18	1.39	2.07
Clams or bivalves	0.64	0.78	0.63	0.64	0.63	0.70	0.77	0.73	0.76	0.59
Eastern oyster	4.23	4.66	4.52	9.92	9.13	7.73	10.14	NA	NA	9.34
Menhaden	0.07	0.10	0.13	0.10	0.10	0.09	0.05	0.09	0.10	0.12
Sea scallop	4.44	7.70	6.66	6.25	6.60	6.06	7.77	9.53	10.23	12.27
Striped bass	1.75	1.81	1.85	2.02	1.97	1.84	2.17	2.39	2.73	4.92
Summer flounder	1.69	2.01	2.22	2.39	2.78	2.58	2.07	1.79	2.36	2.92
White perch	0.77	0.56	0.83	0.64	0.90	0.72	0.68	0.73	0.72	0.83

¹ NA = these data are confidential thus not disclosable.

2013 Economic Impacts of Maryland Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	587	53,491	23,654	33,036
	Private Boat	562	57,769	22,800	35,481
	Shore	562	53,813	20,632	33,181
Total Durable Expenditures		4,158	441,682	204,650	303,089
Total State Economic Impacts		5,869	606,755	271,736	404,787

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	99,746
For-Hire	24,696	11,252	Other Equipment	25,013
Private Boat	16,892	47,154	Boat Expenses	416,610
Shore	16,388	30,610	Vehicle Expenses	105,358
Total	57,976	89,016	Second Home Expenses	900
			Total Durable Expenditures	647,627
Total State Trip and Durable Equipment Expenditures				794,619

Recreational Anglers by Residential Area (thousands of anglers)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	442	620	733	850	643	514	552	415	374	404
Non-Coastal	39	49	84	78	50	43	54	49	40	36
Out-of-State	333	425	447	528	507	327	462	372	258	329
Total Anglers	815	1,095	1,264	1,456	1,200	884	1,068	836	672	769

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	175	213	239	270	194	203	139	161	151	154
Private	1,535	1,924	1,836	2,352	1,891	1,608	1,643	1,453	1,281	1,576
Shore	875	1,019	1,145	1,082	1,273	1,082	1,150	1,206	817	1,005
Total Trips	2,585	3,157	3,220	3,704	3,358	2,893	2,932	2,819	2,249	2,735

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)¹

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Black seabass	H	16	91	121	39	27	33	36	47	33	30
	R	259	562	645	577	674	454	670	353	289	350
Bluefish	H	367	167	421	675	551	591	273	259	114	54
	R	593	236	778	1,172	1,631	671	162	409	139	258
Drum (Atlantic croaker)	H	896	784	755	873	620	1,335	1,137	554	979	1,139
	R	854	1,137	1,784	1,258	2,127	1,138	1,011	366	1,731	2,937
Drum (spot)	H	868	1,789	2,896	3,615	1,892	2,064	1,164	913	766	936
	R	383	2,136	1,355	1,619	1,738	632	1,155	296	920	2,622
Drum (weakfish)	H	15	32	1	7	2	4	5	(1)	11	2
	R	231	61	47	63	38	8	163	18	25	10
Striped bass	H	369	534	669	765	415	502	457	445	262	478
	R	3,479	3,855	3,711	3,065	1,339	1,424	1,509	1,127	2,207	2,387
Summer flounder	H	42	117	37	103	58	65	26	15	22	53
	R	806	362	252	1,018	923	816	1,226	472	214	279
White perch	H	1,623	2,410	2,561	2,890	1,511	551	2,613	1,572	1,534	2,258
	R	3,459	5,837	3,953	5,424	3,853	1,137	2,891	2,348	4,143	6,295
Wrasses (tautog)	H	8	29	15	43	19	39	57	12	6	4
	R	24	148	186	178	151	133	361	75	110	53
Yellowfin tuna	H	2	6	8	4	(1)	5	1	(1)	(1)	2
	R	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)	(1)	4

¹ In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

Maryland's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ¹
2004	136,062 (1.8%)	2,151,474 (1.9%)	84.35 (2%)	141.86 (2.1%)	248.00 (2%)	0.74
2012	134,305 (1.8%)	2,152,458 (1.9%)	105.89 (2%)	186.24 (2.2%)	336.48 (2.1%)	0.46
% change	-1.3	0	20.3	23.8	26.3	-60.9

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	51	57	55	56	56	42	43	55	67
	Receipts	2,301	2,727	2,751	3,940	3,310	2,268	2,138	2,374	3,030
Seafood sales, retail	Firms	70	78	73	99	84	94	85	86	96
	Receipts	10,100	6,976	7,755	10,493	9,010	8,819	6,177	7,396	6,454

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	23	23	19	22	22	19	18	17	16
	Employees	895	1,141	1,053	1,296	1,003	245	273	264	266
	Payroll	23,039	24,986	28,852	32,386	39,328	13,049	12,652	12,773	13,587
Seafood sales, wholesale	Establishments	58	59	59	62	60	61	63	57	60
	Employees	733	709	694	978	851	777	795	775	724
	Payroll	29,813	30,148	32,943	50,353	42,296	39,055	39,067	38,971	34,194
Seafood sales, retail	Establishments	96	95	97	102	94	87	87	88	87
	Employees	579	576	617	613	590	485	526	562	575
	Payroll	12,328	13,019	14,190	14,777	11,510	11,499	11,810	12,883	13,027

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)^{2,3}

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	11	10	10	8	6	7	8	6	4
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Deep sea freight transportation	Establishments	15	16	14	14	13	15	15	16	14
	Employees	281	316	ds	244	250	255	390	329	245
	Payroll	18,983	14,131	ds	14,905	19,765	20,722	24,185	25,071	17,938
Deep sea passenger transportation	Establishments	2	1	1	1	3	2	1	0	0
	Employees	ds	ds	ds	ds	ds	ds	ds	NA	NA
	Payroll	ds	ds	ds	ds	ds	ds	ds	NA	NA
Marinas	Establishments	183	185	179	183	179	176	175	172	159
	Employees	1,321	1,228	1,260	1,326	1,383	1,289	1,275	1,294	1,276
	Payroll	36,598	36,590	40,866	48,752	45,965	45,483	43,508	43,330	43,531
Marine cargo handling	Establishments	11	12	13	15	15	16	17	17	6
	Employees	1,725	1,639	1,659	1,791	1,572	1,599	2,742	1,924	ds
	Payroll	75,911	81,219	73,367	85,328	48,382	46,727	95,182	86,680	ds
Navigational services to shipping	Establishments	8	9	9	8	9	11	10	11	10
	Employees	ds	ds	ds	157	92	77	84	84	ds
	Payroll	ds	ds	ds	4,882	3,968	3,807	4,015	4,259	ds
Port & harbor operations	Establishments	10	11	11	8	3	4	5	5	22
	Employees	479	ds	ds	323	ds	ds	ds	ds	1,875
	Payroll	19,218	ds	ds	13,427	ds	ds	ds	ds	93,001
Ship & boat building	Establishments	58	57	55	48	46	38	35	35	34
	Employees	1,022	ds	1,119	874	677	416	ds	633	378
	Payroll	35,364	ds	33,463	29,500	22,363	16,238	ds	36,675	14,619

¹ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

² ds = these data are suppressed.

³ NA = not applicable.

Tables | New Jersey



2013 Economic Impacts of the New Jersey Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	41,319	6,397,514	1,421,131	2,313,158	6,385	504,586	167,686	240,751
Commercial Harvesters	2,274	263,117	69,125	112,119	2,274	263,117	69,125	112,119
Seafood Processors & Dealers	5,825	538,313	203,870	266,091	583	53,511	20,266	26,451
Importers	16,387	4,507,610	722,430	1,374,117	0	0	0	0
Seafood Wholesalers & Distributors	2,544	401,532	129,052	175,486	168	26,473	8,508	11,570
Retail	14,290	686,941	296,653	385,345	3,362	161,485	69,787	90,612

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	145,217	158,746	146,346	151,509	168,508	151,539	178,575	220,365	187,732	132,905
Finfish & Other	21,369	22,585	33,683	24,234	19,936	24,074	23,031	26,796	28,638	25,791
Shellfish	123,847	136,161	112,663	127,275	148,572	127,465	155,544	193,570	159,094	107,114
Key Species										
American lobster	1,800	2,001	2,522	4,056	3,215	2,278	2,895	3,039	3,937	2,796
Atlantic herring	1	1	3,297	562	548	1,507	422	415	150	401
Atlantic mackerel	3,398	3,957	9,324	668	1,568	1,539	848	53	589	18
Blue crab	5,330	6,773	6,359	5,471	7,284	184	12,034	9,423	10,036	8,111
Eastern oyster	1,558	823	2,255	NA	2,547	NA	NA	NA	NA	NA
Goosefish	3,446	4,451	4,501	4,486	4,005	3,018	2,752	3,654	3,302	2,463
Ocean quahog & surfclams	31,379	25,567	25,107	26,547	30,838	27,496	23,889	25,301	25,453	22,962
Quahog clam	7,409	7,556	7,615	968	6,254	NA	NA	NA	NA	NA
Sea scallop	67,309	88,486	58,538	77,359	91,317	90,150	109,118	142,505	110,560	65,331
Summer flounder	4,134	4,478	5,091	3,988	3,461	3,376	4,552	5,461	5,434	4,877

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	187,377	156,695	175,777	153,848	162,308	162,029	162,162	187,535	180,502	120,014
Finfish & Other	71,450	74,193	89,298	65,166	62,821	73,623	74,882	94,674	104,172	61,828
Shellfish	115,926	82,502	86,478	88,683	99,487	88,406	87,281	92,861	76,330	58,186
Key Species										
American lobster	370	369	471	680	633	585	689	687	919	660
Atlantic herring	5	1	25,486	6,038	6,539	13,692	4,140	2,385	1,114	2,344
Atlantic mackerel	36,091	32,414	24,977	5,384	9,426	10,255	4,692	107	2,017	46
Blue crab	4,350	6,333	5,981	4,636	5,816	257	9,459	9,600	7,393	4,391
Eastern oyster	323	162	343	NA	550	NA	NA	NA	NA	NA
Goosefish	4,177	3,881	3,842	4,231	3,698	2,692	2,024	2,274	2,212	2,238
Ocean quahog & surfclams	61,155	49,849	43,644	44,791	51,597	45,306	38,538	41,281	38,921	35,960
Quahog clam	1,796	1,852	1,844	240	1,516	NA	NA	NA	NA	NA
Sea scallop	13,705	11,831	8,457	11,808	13,282	14,045	14,171	14,545	11,379	5,652
Summer flounder	2,630	2,349	2,380	1,697	1,541	1,799	2,165	2,831	2,269	1,996

Average Annual Price of Key Species/Species Groups (dollars per pound)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American lobster	4.86	5.42	5.36	5.96	5.08	3.89	4.20	4.42	4.28	4.23
Atlantic herring	0.23	0.78	0.13	0.09	0.08	0.11	0.10	0.17	0.13	0.17
Atlantic mackerel	0.09	0.12	0.37	0.12	0.17	0.15	0.18	0.50	0.29	0.40
Blue crab	1.23	1.07	1.06	1.18	1.25	0.72	1.27	0.98	1.36	1.85
Eastern oyster	4.82	5.09	6.57	NA	4.63	NA	NA	NA	NA	NA
Goosefish	0.83	1.15	1.17	1.06	1.08	1.12	1.36	1.61	1.49	1.10
Ocean quahog & surfclams	0.51	0.51	0.58	0.59	0.60	0.61	0.62	0.61	0.65	0.64
Quahog clam	4.13	4.08	4.13	4.04	4.12	NA	NA	NA	NA	NA
Sea scallop	4.91	7.48	6.92	6.55	6.88	6.42	7.70	9.80	9.72	11.56
Summer flounder	1.57	1.91	2.14	2.35	2.25	1.88	2.10	1.93	2.39	2.44

¹ NA = these data are confidential thus not disclosable.

2013 Economic Impacts of New Jersey Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	889	102,472	47,695	63,795
	Private Boat	1,162	143,422	56,866	88,950
	Shore	697	78,748	31,993	49,781
Total Durable Expenditures		10,262	1,209,310	528,457	797,070
Total State Economic Impacts		13,010	1,533,952	665,011	999,596

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	273,703
For-Hire	24,431	36,096	Other Equipment	52,186
Private Boat	40,538	79,180	Boat Expenses	439,813
Shore	17,192	44,571	Vehicle Expenses	204,163
Total	82,161	159,846	Second Home Expenses	126,520
			Total Durable Expenditures	1,096,383
Total State Trip and Durable Equipment Expenditures				1,338,390

Recreational Anglers by Residential Area (thousands of anglers)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	708	818	693	890	765	656	776	687	662	581
Non-Coastal	31	39	25	19	26	35	36	23	27	20
Out-of-State	379	471	481	518	456	454	449	357	431	330
Total Anglers	1,117	1,328	1,199	1,427	1,246	1,145	1,261	1,067	1,121	931

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	432	452	633	605	449	434	320	383	369	550
Private	3,895	3,753	3,721	3,614	3,595	2,671	3,265	2,446	2,580	1,914
Shore	2,121	2,357	2,682	2,979	2,857	2,234	2,278	2,334	2,072	1,900
Total Trips	6,448	6,562	7,036	7,198	6,901	5,339	5,863	5,163	5,020	4,364

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)¹

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Black seabass	H	1,078	660	531	724	580	583	687	149	735	345
	R	3,121	2,387	2,082	2,422	4,432	3,138	3,869	1,303	3,817	2,548
Bluefin tuna	H	8	9	4	7	3	14	6	2	1	9
	R	61	24	98	1	1	2	7	6	(1)	(1)
Bluefish	H	1,531	2,368	1,183	1,654	1,028	814	909	1,149	1,190	792
	R	2,226	2,293	1,803	2,736	1,477	1,476	1,886	1,910	1,996	883
Drum (weakfish)	H	229	1,008	490	230	298	12	2	3	115	30
	R	535	1,372	1,336	612	1,436	79	102	99	732	93
Red hake	H	4	6	141	1	152	240	125	206	57	82
	R	4	2	12	(1)	20	23	24	13	16	55
Striped bass	H	424	412	509	290	310	283	320	393	168	346
	R	1,502	1,219	1,890	1,789	1,310	800	690	884	406	1,108
Summer flounder	H	1,617	1,300	1,556	1,068	762	825	552	737	1,131	1,244
	R	6,702	8,939	6,740	6,192	8,959	10,414	10,565	8,096	6,981	6,461
Winter flounder	H	40	33	64	96	3	7	24	28	(1)	5
	R	32	21	113	27	15	26	39	25	2	30
Wrasses (tautog)	H	91	43	201	300	172	127	375	137	38	111
	R	387	224	604	1,290	901	856	1,063	843	510	462
Yellowfin tuna	H	9	22	35	58	7	7	25	17	69	75
	R	8	1	(1)	(1)	1	16	(1)	(1)	9	4

¹ In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

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

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ¹
2004	240,539 (3.3%)	3,609,640 (3.1%)	160.24 (3.8%)	237.35 (3.5%)	422.91 (3.5%)	1
2012	228,289 (3.1%)	3,440,470 (3%)	189.91 (3.5%)	283.82 (3.3%)	528.79 (3.3%)	1
% change	-5.4	-4.9	15.6	16.4	20	0

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	23	26	27	25	22	33	47	29	35
	Receipts	2,694	3,086	3,027	2,399	1,851	3,670	3,613	3,447	3,565
Seafood sales, retail	Firms	89	93	72	90	92	86	66	68	77
	Receipts	9,219	9,194	8,916	11,320	11,196	11,131	8,265	8,049	8,972

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	15	17	16	16	14	13	11	12	11
	Employees	749	969	667	628	566	661	482	518	404
	Payroll	21,029	28,235	22,097	18,403	18,703	22,025	17,427	17,940	13,747
Seafood sales, wholesale	Establishments	85	85	89	101	81	83	90	91	82
	Employees	948	914	941	978	856	858	848	935	1,058
	Payroll	38,066	37,828	41,506	41,994	37,462	37,348	38,065	40,103	44,033
Seafood sales, retail	Establishments	134	128	127	124	118	106	108	109	114
	Employees	547	524	493	472	368	332	332	332	382
	Payroll	11,952	11,787	11,373	10,352	9,372	9,126	9,094	9,264	11,561

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)²

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	17	18	18	23	18	19	18	20	16
	Employees	ds	914	1,040	778	645	594	600	508	402
	Payroll	ds	54,097	68,096	56,017	48,911	41,925	44,246	40,587	32,007
Deep sea freight transportation	Establishments	33	38	39	31	27	26	26	26	25
	Employees	1,028	948	648	566	1,115	1,045	ds	ds	390
	Payroll	65,691	68,633	45,940	44,133	75,848	66,547	78,898	81,936	27,481
Deep sea passenger transportation	Establishments	4	5	4	2	2	3	2	2	2
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Marinas	Establishments	201	206	204	216	211	214	212	206	210
	Employees	945	978	940	1,045	916	784	781	773	811
	Payroll	36,862	38,323	39,154	41,624	39,596	35,811	35,475	34,675	35,760
Marine cargo handling	Establishments	26	26	25	23	21	22	21	22	15
	Employees	4,685	4,972	4,599	4,781	4,244	3,479	3,292	3,744	2,582
	Payroll	340,085	363,714	345,784	350,690	278,189	230,886	260,894	273,636	203,148
Navigational services to shipping	Establishments	17	16	19	26	20	19	16	17	18
	Employees	ds	169	ds	227	191	133	75	110	96
	Payroll	ds	9,673	ds	11,403	7,776	6,638	6,125	5,619	5,983
Port & harbor operations	Establishments	6	7	6	8	6	6	11	7	25
	Employees	ds	194	ds	271	143	54	124	163	ds
	Payroll	ds	11,599	ds	12,197	12,446	5,548	10,463	16,933	139,276
Ship & boat building	Establishments	35	37	34	31	30	25	24	23	21
	Employees	2,040	2,320	2,307	2,305	2,019	1,188	1,056	864	901
	Payroll	80,301	89,421	88,367	91,460	79,309	42,909	37,920	39,810	36,334

¹ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

² ds = these data are suppressed.

Tables | New York



2013 Economic Impacts of the New York Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	48,732	5,809,415	1,247,120	2,060,194	4,471	203,691	70,774	98,996
Commercial Harvesters	2,092	99,462	28,592	43,971	2,092	99,462	28,592	43,971
Seafood Processors & Dealers	1,033	148,089	56,305	73,238	157	22,338	8,493	11,048
Importers	16,079	4,422,908	708,855	1,348,296	0	0	0	0
Seafood Wholesalers & Distributors	4,826	344,757	116,550	157,148	154	11,010	3,722	5,019
Retail	24,702	794,199	336,817	437,542	2,068	70,881	29,966	38,958

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	46,878	56,367	58,479	60,314	57,429	48,856	49,563	48,400	54,695	56,978
Finfish & Other	16,765	18,317	19,894	20,434	18,824	17,571	20,546	22,402	23,824	23,415
Shellfish	30,113	38,051	38,585	39,880	38,606	31,285	29,017	15,129	15,312	33,563
Key Species										
American lobster	3,722	4,396	6,288	4,623	3,821	3,468	3,165	1,398	976	938
Atlantic surfclam	4,475	7,055	2,135	5,932	5,670	5,858	3,929	545	NA	2,410
Eastern oyster	3,367	1,961	2,390	2,627	2,870	1,428	2,046	NA	2	4,149
Summer flounder	3,275	3,797	3,409	3,131	2,933	3,087	3,550	3,732	3,652	3,232
Loligo squid	5,426	6,054	5,844	5,157	5,290	4,167	4,516	7,250	8,648	5,976
Quahog clam	10,673	12,696	12,237	14,224	13,185	8,397	7,774	NA	0	13,475
Scups or porgies	1,637	2,027	2,450	2,348	1,710	1,887	2,112	2,551	3,536	2,970
Sea scallop	720	3,617	3,519	3,872	5,050	5,018	3,778	4,960	4,083	2,602
Softshell clam	1,227	1,468	2,055	1,628	1,076	700	709	NA	1	848
Tilefishes	2,082	2,765	3,325	3,843	3,343	3,262	4,077	4,525	4,257	4,676

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	34,514	38,150	33,287	35,785	34,175	34,304	33,371	27,030	30,029	32,953
Finfish & Other	16,531	14,631	14,225	16,492	15,084	16,194	18,595	18,805	19,296	18,566
Shellfish	17,983	23,519	19,062	19,293	19,092	18,110	14,777	8,225	10,733	14,387
Key Species										
American lobster	996	1,154	1,243	912	850	932	814	344	270	NA
Atlantic surfclam	7,462	11,953	2,987	9,161	8,753	8,799	5,856	809	NA	3,452
Eastern oyster	370	219	269	124	135	64	81	NA	0	204
Summer flounder	1,594	1,799	1,220	942	856	1,142	1,364	1,517	1,237	1,052
Loligo squid	6,363	6,693	6,460	5,437	5,469	4,098	3,900	5,630	7,838	4,828
Quahog clam	1,346	1,617	1,650	1,592	1,476	1,410	1,216	NA	0	1,932
Scups or porgies	1,907	2,186	2,416	2,325	1,214	1,850	2,690	3,729	4,307	4,578
Sea scallop	170	647	1,040	619	782	918	508	522	430	256
Softshell clam	234	270	393	198	131	114	116	NA	0	138
Tilefishes	1,335	1,142	1,298	1,393	1,199	1,435	1,586	1,521	1,412	1,468

Average Annual Price of Key Species/Species Groups (dollars per pound)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American lobster	3.74	3.81	5.06	5.07	4.49	3.72	3.89	4.06	3.62	NA
Atlantic surfclam	0.60	0.59	0.71	0.65	0.65	0.67	0.67	0.67	NA	0.70
Eastern oyster	9.10	8.97	8.87	21.21	21.21	22.23	25.41	NA	25.43	20.32
Summer flounder	2.05	2.11	2.80	3.33	3.43	2.70	2.60	2.46	2.95	3.07
Loligo squid	0.85	0.90	0.90	0.95	0.97	1.02	1.16	1.29	1.10	1.24
Quahog clam	7.93	7.85	7.42	8.94	8.93	5.96	6.39	NA	0.00	6.97
Scups or porgies	0.86	0.93	1.01	1.01	1.41	1.02	0.79	0.68	0.82	0.65
Sea scallop	4.24	5.59	3.38	6.25	6.46	5.47	7.44	9.50	9.50	10.18
Softshell clam	5.24	5.43	5.23	8.23	8.24	6.13	6.13	NA	6.69	6.13
Tilefishes	1.56	2.42	2.56	2.76	2.79	2.27	2.57	2.97	3.02	3.18

¹ NA = these data are confidential thus not disclosable.

2013 Economic Impacts of New York Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	1,156	136,426	69,043	88,710
	Private Boat	740	78,864	32,041	51,602
	Shore	340	30,280	12,422	19,290
Total Durable Expenditures		1,599	160,961	71,706	114,972
Total State Economic Impacts		3,835	406,531	185,212	274,574

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
For-Hire	9,002	73,982	Fishing Tackle	55,621
Private Boat	2,258	86,254	Other Equipment	25,044
Shore	2,075	27,153	Boat Expenses	58,122
Total	13,335	187,389	Vehicle Expenses	12,492
			Second Home Expenses	0
			Total Durable Expenditures	151,279
Total State Trip and Durable Equipment Expenditures				352,003

Recreational Anglers by Residential Area (thousands of anglers)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	587	885	735	881	817	638	646	497	533	595
Non-Coastal	18	27	25	39	32	21	24	18	30	8
Out-of-State	76	110	114	147	118	58	69	46	53	93
Total Anglers	681	1,022	874	1,067	967	717	740	561	616	695

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	389	527	361	684	388	381	348	458	366	565
Private	2,670	3,107	3,120	3,315	3,199	2,819	2,351	2,320	1,908	1,711
Shore	1,754	2,495	1,961	2,522	2,341	1,625	1,675	1,389	1,492	1,597
Total Trips	4,813	6,129	5,442	6,521	5,928	4,824	4,374	4,168	3,766	3,873

Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)¹

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic herring ²	H	123	60	23	214	70	3	79	75	174	222
	R	2	2	2	230	50	(1)	17	(1)	(1)	59
Black seabass	H	134	143	269	410	259	566	543	275	322	353
	R	626	1,071	1,326	1,550	1,654	1,236	1,163	893	2,471	1,372
Bluefish	H	1,895	1,684	1,832	2,150	1,484	1,294	1,026	928	1,150	1,108
	R	2,529	3,380	2,379	2,650	3,225	1,793	1,472	1,599	1,809	1,030
Drum (weakfish)	H	11	(1)	10	4	40	(1)	3	(1)	5	7
	R	38	76	17	109	25	3	3	55	12	6
Porgies (scup)	H	1,877	859	1,678	1,596	1,451	1,460	1,991	715	592	1,096
	R	3,514	1,737	2,622	1,964	2,838	2,124	1,864	998	1,235	1,865
Shortfin mako shark	H	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	1	-1
	R	2	5	(1)	(1)	(1)	(1)	(1)	3	3	1
Striped bass	H	263	378	368	475	685	357	539	676	424	491
	R	2,708	1,412	1,723	1,678	1,347	1,074	1,069	1,506	586	989
Summer flounder	H	1,024	1,163	753	867	608	298	335	376	509	518
	R	3,183	7,753	4,946	5,272	5,521	5,564	6,571	7,296	5,013	4,667
Winter flounder	H	228	100	261	11	41	69	31	65	44	1
	R	34	200	76	14	17	110	63	101	33	3
Wrasses (tautog)	H	279	85	246	223	320	346	146	111	61	77
	R	640	177	823	386	728	665	567	487	365	590

¹ In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

² This 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 (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ¹
2004	511,440 (6.9%)	7,433,686 (6.5%)	353.25 (8.3%)	530.06 (7.9%)	959.16 (7.9%)	0.21
2012	527,001 (7.1%)	7,556,521 (6.5%)	451.85 (8.4%)	691.09 (8%)	1,280.74 (7.9%)	0.13
% change	3	1.6	21.8	23.3	25.1	-61.5

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	49	57	61	68	73	101	115	142	133
	Receipts	3,517	2,652	3,044	3,516	3,383	4,896	6,784	7,380	8,279
Seafood sales, retail	Firms	241	219	206	266	247	196	214	183	205
	Receipts	28,640	24,987	24,790	23,157	23,983	19,753	18,999	16,286	16,714

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	17	18	15	15	17	15	15	18	17
	Employees	323	324	298	294	379	ds	272	299	265
	Payroll	14,782	14,810	16,491	18,723	18,570	15,227	16,976	21,372	25,666
Seafood sales, wholesale	Establishments	274	269	254	291	231	246	263	291	243
	Employees	2,091	2,003	2,066	2,058	1,627	1,741	1,798	1,876	1,839
	Payroll	75,411	76,177	78,198	84,361	72,233	68,345	72,442	76,970	78,324
Seafood sales, retail	Establishments	386	392	388	372	368	386	394	391	385
	Employees	1,602	1,513	1,495	1,575	1,470	1,509	1,586	1,660	1,674
	Payroll	26,489	25,665	26,701	28,497	30,741	31,640	32,001	35,664	38,721

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)²

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	60	57	55	50	50	48	65	62	42
	Employees	1,452	1,448	1,464	1,746	1,759	2,299	1,654	1,708	ds
	Payroll	94,074	91,347	109,315	125,570	160,735	198,352	136,577	154,087	ds
Deep sea freight transportation	Establishments	36	39	38	34	29	32	30	31	23
	Employees	600	602	ds	ds	732	782	704	752	214
	Payroll	38,246	39,309	ds	65,632	108,744	89,313	98,499	88,354	31,229
Deep sea passenger transportation	Establishments	7	6	4	4	3	4	2	1	2
	Employees	ds	ds	ds	7	ds	8	ds	ds	ds
	Payroll	ds	ds	ds	240	316	126	ds	ds	ds
Marinas	Establishments	413	416	404	411	419	418	429	431	415
	Employees	2,185	2,093	2,112	2,070	2,263	2,099	2,052	2,033	1,868
	Payroll	81,737	84,832	83,807	88,862	100,910	96,640	94,654	96,408	87,124
Marine cargo handling	Establishments	14	12	12	12	10	9	13	12	6
	Employees	1,099	ds	ds	ds	ds	ds	1,086	1,019	ds
	Payroll	48,529	ds	ds	ds	ds	ds	68,555	66,439	ds
Navigational services to shipping	Establishments	34	35	36	36	32	37	37	35	53
	Employees	ds	ds	ds	578	386	312	598	596	712
	Payroll	ds	ds	ds	40,976	23,294	19,126	50,119	54,406	63,334
Port & harbor operations	Establishments	3	3	3	5	3	4	8	9	18
	Employees	ds	ds	6	ds	ds	ds	ds	33	1,294
	Payroll	ds	ds	119	ds	ds	ds	568	1,493	105,325
Ship & boat building	Establishments	45	47	48	53	49	47	41	43	49
	Employees	ds	590	ds	643	688	585	575	552	560
	Payroll	ds	21,514	ds	26,653	30,462	28,880	26,771	25,998	24,599

¹ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

² ds = these data are suppressed.

Tables | Virginia



2013 Economic Impacts of the Virginia Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	16,162	1,148,669	364,656	522,944	13,992	772,393	289,524	394,838
Commercial Harvesters	4,156	280,728	84,546	129,194	4,156	280,728	84,546	129,194
Seafood Processors & Dealers	1,426	123,921	48,214	62,225	1,379	119,809	46,615	60,161
Importers	1,143	314,344	50,380	95,826	0	0	0	0
Seafood Wholesalers & Distributors	691	82,970	28,683	38,227	469	56,336	19,475	25,956
Retail	8,745	346,705	152,833	197,471	7,988	315,518	138,888	179,527

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	160,496	155,066	110,066	138,149	146,602	152,017	183,181	191,025	175,640	163,293
Finfish & Other	43,522	48,559	41,637	45,735	40,506	47,575	55,915	58,190	61,538	57,266
Shellfish	116,973	106,507	68,430	92,414	106,096	104,442	127,267	132,835	114,102	106,027
Key Species										
Atlantic croaker	3,013	3,691	4,326	4,445	5,269	6,940	6,025	4,527	7,518	6,247
Black sea bass	1,167	1,242	1,048	663	759	569	928	1,003	1,401	1,710
Blue crab	21,822	20,578	14,057	15,793	18,013	21,169	29,133	25,116	24,644	23,991
Catfishes & bullheads	649	900	1,570	978	1,191	1,567	670	904	490	645
Goosefish	599	1,142	685	781	951	631	594	752	1,218	922
Menhaden	24,144	25,259	22,306	25,317	21,271	23,578	34,476	32,977	31,104	25,343
Sea Scallop	92,207	84,574	52,764	63,013	65,534	63,312	70,204	79,427	54,076	32,610
Spot	2,236	2,227	1,793	3,232	1,171	3,411	975	3,214	749	2,406
Striped bass	3,648	4,457	2,946	3,831	3,378	4,219	3,635	4,496	5,551	5,702
Summer flounder	5,376	4,652	4,373	3,184	2,719	2,959	4,202	5,920	7,723	8,736

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	481,374	441,538	426,229	493,415	423,066	426,798	510,474	494,050	461,944	381,723
Finfish & Other	432,023	402,586	393,735	452,342	384,804	379,296	457,408	441,884	416,804	346,922
Shellfish	49,351	38,952	32,494	41,073	38,262	47,502	53,066	52,166	45,140	34,802
Key Species										
Atlantic croaker	9,488	9,272	7,829	10,588	11,214	8,576	7,873	5,535	6,887	6,325
Black sea bass	498	475	328	189	215	164	264	275	392	496
Blue crab	27,642	26,064	22,708	25,141	23,243	32,756	38,490	37,862	32,020	24,258
Catfishes & bullheads	1,922	1,622	1,360	1,598	1,770	1,877	871	905	766	1,140
Goosefish	1,002	1,157	677	847	972	743	596	604	907	847
Menhaden	399,798	372,578	370,946	420,481	353,895	351,392	433,241	413,835	390,284	317,950
Sea Scallop	19,410	11,444	8,302	9,916	9,685	10,137	9,167	8,260	5,798	2,958
Spot	4,338	3,103	1,696	4,328	1,977	3,910	1,024	3,540	596	2,085
Striped bass	2,120	2,472	1,431	1,962	2,196	2,109	2,139	2,077	2,173	1,680
Summer flounder	3,906	3,869	2,757	1,856	1,654	1,980	2,592	4,051	4,121	4,864

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic croaker	0.32	0.40	0.55	0.42	0.47	0.81	0.77	0.82	1.09	0.99
Black sea bass	2.34	2.61	3.19	3.50	3.52	3.46	3.52	3.65	3.57	3.45
Blue crab	0.79	0.79	0.62	0.63	0.77	0.65	0.76	0.66	0.77	0.99
Catfishes & bullheads	0.34	0.55	1.15	0.61	0.67	0.83	0.77	1.00	0.64	0.57
Goosefish	0.60	0.99	1.01	0.92	0.98	0.85	1.00	1.25	1.34	1.09
Menhaden	0.06	0.07	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.08
Sea Scallop	4.75	7.39	6.36	6.35	6.77	6.25	7.66	9.62	9.33	11.02
Spot	0.52	0.72	1.06	0.75	0.59	0.87	0.95	0.91	1.26	1.15
Striped bass	1.72	1.80	2.06	1.95	1.54	2.00	1.70	2.16	2.56	3.39
Summer flounder	1.38	1.20	1.59	1.72	1.64	1.49	1.62	1.46	1.87	1.80

2013 Economic Impacts of Virginia Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	118	11,487	4,589	6,752
	Private Boat	797	78,582	30,309	49,460
	Shore	555	49,829	19,733	31,423
Total Durable Expenditures		6,517	634,399	266,933	429,173
Total State Economic Impacts		7,987	774,297	321,564	516,808

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	221,453
For-Hire	4,108	3,591	Other Equipment	67,985
Private Boat	19,233	59,903	Boat Expenses	352,620
Shore	20,109	21,346	Vehicle Expenses	50,800
Total	43,450	84,840	Second Home Expenses	474
			Total Durable Expenditures	693,332
Total State Trip and Durable Equipment Expenditures				821,622

Recreational Anglers by Residential Area (thousands of anglers)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	510	559	578	463	464	515	496	516	412	419
Non-Coastal	69	137	90	76	89	87	63	56	78	74
Out-of-State	428	511	364	297	338	305	279	320	193	267
Total Anglers	1,007	1,206	1,033	836	891	907	838	892	684	760

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	70	37	43	60	57	48	45	30	45	59
Private	2,491	2,563	2,590	2,369	2,353	2,124	1,700	1,782	1,426	1,302
Shore	1,104	1,365	1,155	1,083	1,089	876	852	1,086	1,051	1,120
Total Trips	3,664	3,964	3,788	3,511	3,499	3,048	2,597	2,899	2,522	2,480

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Black seabass	H	46	34	83	36	39	115	29	19	4	21
	R	1,247	1,116	1,356	1,271	1,251	1,152	525	444	884	594
Cobia	H	1	18	22	10	5	17	7	4	1	10
	R	6	16	23	3	3	13	9	9	9	16
Drum (Atlantic croaker)	H	8,260	7,657	7,222	6,944	8,389	5,328	4,744	3,305	3,455	4,318
	R	6,276	8,738	4,194	8,505	7,807	7,621	4,824	4,873	5,100	6,014
Drum (spot)	H	1,718	2,782	3,585	8,203	4,398	2,147	1,670	2,967	1,350	4,288
	R	881	2,457	1,372	2,156	1,487	1,458	1,155	2,245	1,146	2,218
Drum (spotted seatrout)	H	69	22	43	159	104	22	17	248	126	55
	R	258	192	83	363	367	171	550	1,215	429	291
Drum (weakfish)	H	158	44	43	88	28	16	4	4	22	2
	R	545	355	556	230	427	84	178	289	103	80
Red drum	H	5	3	13	46	21	38	11	(1)	29	124
	R	33	28	186	110	237	178	29	61	2,503	220
Striped bass	H	393	258	461	238	245	226	74	123	70	87
	R	1,733	1,295	1,655	949	532	359	135	154	102	169
Summer flounder	H	674	684	763	398	260	288	261	317	260	187
	R	3,697	2,509	2,164	3,023	2,425	3,613	2,420	1,987	856	515
Wrasses (tautog)	H	151	61	105	61	56	61	127	46	14	6
	R	123	77	200	80	34	34	130	36	17	17

¹ In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

Virginia's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ¹
2004	188,989 (2.6%)	3,054,816 (2.7%)	114.89 (2.7%)	195.74 (2.9%)	332.16 (2.7%)	0.53
2012	192,730 (2.6%)	3,089,241 (2.7%)	150.56 (2.8%)	256.79 (3%)	445.09 (2.8%)	0.66
% change	1.9	1.1	23.7	23.8	25.4	19.7

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	68	65	74	62	74	69	56	73	76
	Receipts	3,456	3,665	4,916	4,845	5,020	4,053	3,698	3,792	4,691
Seafood sales, retail	Firms	89	80	86	84	80	82	82	78	87
	Receipts	8,346	8,762	8,027	7,265	8,273	6,642	6,951	7,819	8,373

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	42	39	33	30	26	25	23	18	19
	Employees	1,231	1,336	871	955	490	941	961	899	919
	Payroll	38,731	39,980	28,530	34,520	11,366	30,600	30,460	33,285	32,955
Seafood sales, wholesale	Establishments	86	86	80	83	69	72	76	62	64
	Employees	756	675	605	734	621	519	518	469	492
	Payroll	22,235	21,864	21,388	25,365	17,667	15,620	17,901	15,733	14,271
Seafood sales, retail	Establishments	68	69	75	73	68	62	59	58	51
	Employees	297	286	334	282	251	271	265	277	280
	Payroll	4,479	4,865	5,348	5,227	5,170	5,401	5,480	5,453	5,563

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)²

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	13	15	13	15	10	9	7	7	12
	Employees	ds	ds	ds	565	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	30,704	ds	ds	ds	ds	ds
Deep sea freight transportation	Establishments	21	24	22	20	18	16	17	21	19
	Employees	1,124	1,090	1,564	1,611	409	ds	421	492	ds
	Payroll	91,978	95,871	141,085	148,502	32,473	19,241	35,917	42,018	ds
Deep sea passenger transportation	Establishments	2	1	1	1	2	2	1	2	1
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Marinas	Establishments	137	141	131	126	119	118	115	110	105
	Employees	ds	ds	ds	992	964	829	868	818	673
	Payroll	ds	ds	ds	26,186	24,326	24,631	24,182	23,379	18,874
Marine cargo handling	Establishments	19	18	17	15	12	12	7	11	6
	Employees	ds	1,516	1,110	1,085	ds	ds	ds	ds	ds
	Payroll	ds	52,254	51,654	56,696	ds	ds	41,280	41,262	ds
Navigational services to shipping	Establishments	20	21	17	18	23	25	26	21	20
	Employees	ds	ds	ds	216	375	384	411	419	428
	Payroll	ds	ds	ds	11,700	21,014	22,177	22,910	22,132	25,732
Port & harbor operations	Establishments	9	9	10	10	8	6	7	6	13
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Ship & boat building	Establishments	52	50	51	52	59	53	56	51	59
	Employees	21,022	21,230	21,741	ds	ds	ds	ds	ds	ds
	Payroll	920,372	938,375	993,066	ds	ds	ds	ds	ds	ds

¹ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

² ds = these data are suppressed.