

Mid-Atlantic

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



Management Context

The Mid-Atlantic Region includes Delaware, Maryland, New Jersey, New York, 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. 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)

Of the stocks or stock complexes covered in these fishery management plans, noneNo stocks in this region are currently subject to overfishing. Releases of winter flounder increased 331% between 2008 and 2009. This increase was partially driven by an addendum to Amendment 1 to the Interstate Fishery Management Plan for Inshore Stocks of Winter Flounder in 2009, which reduced the harvest limit from ten fish to two fish per day. The effect of the management action was compounded by a 182% increase in catch overall in between 2008 and 2009.

Commercial Fisheries

In 2011, commercial fishermen in the Mid-Atlantic Region landed 780 million pounds of finfish and shellfish, earning \$527 million in landings revenue. Landings revenue was dominated by sea scallop (\$227 million) and blue crab (\$99 million). These species commanded ex-vessel prices of \$9.73 and \$0.98 per pound, respectively, and comprised 62% of total landings revenue, but only 16% 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 2011, \$214 million and \$192 million, respectively. The next greatest landings revenue came from Maryland with \$77 million in landings revenue. In terms of pounds landed, Virginia had the highest landings (494 million pounds), followed by New Jersey (176 million pounds) and Maryland (78 million pounds).

Economic Impacts¹

In 2011, the Mid-Atlantic Region's seafood industry generated 339 in employment impacts in Delaware, 15,000 in employment impacts in Maryland, 44,000 in employment impacts in New Jersey, 42,000 in employment impacts in New York, and 22,000 in employment impacts in Virginia. New Jersey generated the largest impacts across the three other impact categories, generating \$6.6 billion sales impacts, \$1.5 billion in income, and \$2.4 billion in value added impacts. The smallest income impacts were generated in Delaware (\$8.9 million) and the smallest employment impacts were also generated in Delaware (339 jobs).

The sector that generated the greatest employment impacts by state was the retail sector with 21,000 jobs in New York and 15,000 jobs in New Jersey. The harvest sector in Maryland generated 2,800 jobs. More sales impacts were generated by importers in New Jersey than any other sector in any another state in the region at \$4.4 billion and the greatest value added impacts were also generated by importers in New Jersey (\$1.3 billion).

Landings Revenue

Landings revenue in the Mid-Atlantic Region totaled \$527 million in 2011. This was a 54% increase (a 6.9% increase in real terms) from 2002 levels (\$342 million) and a 3.7% increase (a 4.4% decrease in real terms) relative to 2010 (\$509 million). Totaling \$404 million in 2011, shellfish revenue experienced a 57% increase (a 8.7% increase in real terms) from 2002 to 2011 and experienced a 2.4% increase (5.6% decrease in real terms) from 2010 to 2011.

In terms of finfish, Virginia contributed the most (\$59 million), followed by New Jersey (\$27 million), and New York (\$22 million). Shellfish landings revenue was dominated by New Jersey (\$187 million), followed by Virginia (\$133 million), and Maryland (\$63 million).

Sea scallop and blue crab had the highest landings revenue in the Mid-Atlantic Region in 2011. Between 2002 and 2011, the landings revenue from sea scallop increased 149% (a 73% increase in real terms) and the landings revenue for blue crab 61% increase (a 12% increase in real terms).

From 2002 to 2011, species or species groups with large changes in landings revenue include squid (increased 122%), summer flounder (increased 82%), and Atlantic surf clam (decreased 68%). Species or species groups with large changes in landings revenue between 2010 and 2011 include squid (increasing 72%), Atlantic surf clam (decreasing 38%), and eastern oyster (decreasing 33%).

Landings

Fishermen in the Mid-Atlantic Region landed 780 million pounds of finfish and shellfish in 2011. This was a 11% increase from the 702 million pounds landed in 2002 but a 3.4% decrease from the 808 million pounds landed in 2010. Finfish landings contributed 74% of total landings in the Mid-Atlantic Region (578 million

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)

pounds) in 2011. From 2010 to 2011, finfish landings experienced a 0.3% decrease. Over the same time period, shellfish landings experienced a 11% decrease from 228 million pounds in 2010 to 202 million pounds in 2011 and a 1.8% decrease from 206 million pounds in 2002.

Commercial Fisheries Facts

Landings revenue

- On average, between 2002 and 2011, the key species or species groups accounted for 84% of total revenue, generating \$358 million in the Mid-Atlantic Region.
- Sea scallop had higher landings revenues than any other species or species group, averaging \$155 million in landings revenue from 2002 to 2011.
- 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.
- American lobster had the largest one-year decrease in landings revenue over the 10 year time period, decreasing 43% from \$8.9 million in 2008 to \$5 million in 2009.

Landings

- Key species or species groups contributed an average of 84% annually to total landings between 2002 and 2011.
- Menhaden, contributed the most to landings in the region, averaging 429 million pounds from 2002 to 2011.
- 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

- Eastern oyster had the highest average annual ex-vessel price per pound (\$7.23) over the time period, followed by quahog clam (\$6.70), and sea scallop (\$6.34).
- 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 (\$0.68).
- 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.
- Eastern oyster had the largest decrease in ex-vessel price over the 10 year time period, decreasing 49% from \$8.92 per pound in 2010 to \$4.55 in 2011.

Menhaden and blue crab had the highest annual landings in the Mid-Atlantic Region in 2011, with 497 million pounds and 101 million pounds, respectively. Together they accounted for 77% of the total landings in 2011. Menhaden landings increased 26% and blue crab landings increased 61% from 2002 to 2011.

From 2002 to 2011, species or species groups with large changes in landings include squid (increasing 119%), Atlantic surf clam

(decreasing 73%), and blue crab (increasing 61%). Species or species groups with large changes in landings between 2010 and 2011 include Atlantic surf clam (decreasing 39%), summer flounder (increasing 36%), and eastern oyster (increasing 31%).

Prices

The ex-vessel prices for the Mid-Atlantic Region's key species and species groups in 2011 were higher than their 10 year average for six 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 2002 and 2011, increasing 165% (84% in real terms) and 36% (-5.9% in real terms), respectively. Relative to the ex-vessel prices in 2010, the Mid-Atlantic Region's squid experienced the greatest increase (37.8%, 27.1% in real terms) from \$0.45 in 2010 to \$0.62 in 2011. Of the changes in ex-vessel price experienced by species or species groups between 2010 and 2011, eastern oyster experienced the greatest decrease (49%, 53% in real terms) from \$8.92 to \$4.55. Relative to ex-vessel prices in 2010, five species or species groups experienced increases, including squid (38%), and sea scallop (27%).

In Delaware, the species or species group with the largest change in ex-vessel price from 2002 to 2011 was American eel (131% increase, 61% increase in real terms) from \$1.31 to \$3.03. The largest change in ex-vessel price experienced in Maryland was for Sea scallop (179% increase, 94% increase in real terms from \$3.52 to \$9.83 and in New Jersey the largest change in ex-vessel price was experienced by atlantic mackerel (456% increase, 286% increase in real terms from \$0.09 to \$0.50).

Recreational Fishing

In 2011, over 2.4 million recreational anglers took 16 million fishing trips in the Mid-Atlantic Region. Over 94% 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 20 million fish caught in 2011, and represented 35% of total fish caught in the region. Of the summer flounder caught, 92% 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 10,000 full- and part-time jobs generated by recreational fishing activities in the state. Virginia (7,200 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 2011 were generated

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>)

by expenditures on durable equipment: 75% in Virginia, 74% in New Jersey, and 67% 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 2011, sales impacts were the highest in New Jersey (\$1.7 billion in sales impacts), followed by Virginia (\$834 million), Maryland (\$784 million), New York (\$369 million), and Delaware (\$121 million). In the same year, value added impacts were the highest in New Jersey (\$871 million in value added impacts), followed by Virginia (\$434 million), Maryland (\$397 million), New York (\$212 million), and Delaware (\$56 million).

Overall, total fishing trip and durable equipment expenditures across the Mid-Atlantic Region in 2011 were \$3.7 billion. Approximately 78% of these expenditures were generated by durable equipment purchases. The greatest expenditures were for boat expenses (\$1.4 billion), followed by fishing tackle (\$731 million), vehicle expenses (\$428 million), other equipment (\$193 million), and second home expenses (\$141 million). Fishing trip-related expenditures by the Mid-Atlantic Region's non-residents totaled over \$222 million of which the greatest portion can be attributed to shore-based fishing trips (\$89 million). Residents of the Mid-Atlantic Region spent \$580 million on saltwater fishing trips, with the most of these expenses generated by private boat trips (\$353 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 2.4 million recreational anglers who fished in the Mid-Atlantic Region in 2011. This was a 34% increase from 2002 (1.8 million anglers). These anglers were Mid-Atlantic Region residents from either a coastal county (2.2 million anglers) or non-coastal county (145,000 anglers). About 94% of total anglers in 2011 were residents of a coastal county. Coastal county angler participation in 2011 increased 37% relative to 2002 (1.6 million anglers) and decreased 14% between 2010 and 2011. Non-coastal county angler participation increased 4.4% relative to 2002 (139,000 anglers) and decreased 18% relative to 2010 (178,000 anglers).

Fishing Trips

Recreational fishermen took 16 million fishing trips in the Mid-Atlantic Region in 2011. This was a 4% decrease from 2002 (17 million trips) and was 607,000 fewer trips than taken in 2010. Of the total trips taken in the Mid-Atlantic Region in 2011, approximately 53% of the trips were private or rental boat-based (8.5 million trips). The other most popular mode of fishing was shore based with 6.4 million trips in 2011.

Recreational Fishing Facts

Participation

- An average of 2.7 million anglers fished in the Mid-Atlantic Region annually from 2002 to 2011.
- In 2011, coastal county residents made up 94% 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 2002 and 2003, increasing 36%, from 1.6 million anglers to 2.2 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 2002 to 2011.
- Private or rental boat and shore-based fishing trips accounted for 8.5 million and 6.4 million fishing trips, respectively, in 2011. 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 2002 and 2003, increasing 19%, from 17 million trips to 20 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, 87% 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 (87% released).
- Spot (65% harvested), followed by winter flounder (59% harvested), and Atlantic croaker (48% harvested) were key species or groups that experienced the greatest proportion of harvests rather than releases.

Harvest and Release

Of the Mid-Atlantic Region's key species and species groups, summer flounder (20 million fish), Atlantic croaker (9.4 million fish), bluefish (6.7 million fish) and spot (6.6 million fish) were the most often caught by anglers in 2011. Weakfish drum (99% released), summer flounder (92% released), black seabass (86% released), tautog (81% released), striped bass (70% released), bluefish (63% released), winter flounder (58% released), Atlantic croaker (57% released), and scup (57% released) were more often released rather than harvested. The only species harvested more often than released was spot (61% harvested).

At the state level, summer flounder was the most often caught key species or species group in the Mid-Atlantic Region with

20 million fish caught, region-wide. Most of these fish were caught in New Jersey, New York, and Delaware with 8.8 million, 7.7 million, and 683,000 fish, respectively. The most frequently caught fish in Maryland was white perch with 3.9 million fish and Atlantic croaker was the most commonly caught fish in Virginia (8.2 million) in 2011.

Between 2002 and 2011, eight 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 weakfish drum (82%), black seabass (72%), and winter flounder (65%).

Marine Economy¹

The sum of the gross domestic products by state for Delaware, Maryland, New Jersey, New York, and Virginia was \$2.4 trillion in 2011. Employee compensation totaled \$1.4 trillion and annual payroll totaled \$851 billion. These economic measures increased 34% (a 0.6% increase in real terms) and 26% (a 4.9% decrease in real terms), respectively between 2002 and 2010; and experienced a 2.9% increase (a 1.3% decrease in real terms), and 2.7% increase (a 1.4% decrease in real terms), respectively between 2009 and 2010. Approximately 1.1 million establishments employed 16 million full- and part-time employees across the region in 2010. This was a 2.5% increase in establishment numbers and a 0.8% decrease in employee numbers from 2002 to 2010.

In 2010, the commercial fishing location quotient (CFLQ) for New Jersey was the highest in the region at 1.19. This was an 18% increase from 2002 and a remained unchanged from 2009. New Jersey's CFLQ suggests that the level of employment in commercial fishing-related industries in this state is approximately 1.2 times higher than the level of employment in these industries nationwide. The 2010 CFLQ in Virginia was 0.59 (a 18% increase from 2002).

Seafood Sales and Processing

In 2010, there were 228 nonemployer firms engaged in seafood product preparation and packaging across the Mid-Atlantic Region. In 2010, 32% of these firms were located in New York. Region-wide, annual receipts totaled \$14 million in 2010 and 0 from 2005 to 2009. Annual receipt totals experienced a 3.5% increase in Maryland between 2002 and 2010 from \$3.2 million to \$3.3 million. In contrast to an increase in nonemployer firms region-wide, the number of employer establishments engaged in seafood product preparation and packaging decreased 29% from 97 in 2002 to 68 in 2010. Approximately 26% of these establishments were located in Maryland. The number of

employees was not available for the seafood product preparation and packaging sector in the Mid-Atlantic Region.

There were 499 seafood wholesale establishments in 2010. The number of employees was not available at the region level. From 2002 to 2010, the number of seafood wholesale establishments decreased 15% across the Mid-Atlantic Region.

Nonemployer firms engaged in seafood retail in the Mid-Atlantic Region totaled 512 in 2010, a 0.4% decrease relative to 2002. Of these firms, 16% were located in Maryland. At the state level, these firms showed a remained unchanged in New Jersey and decreased 15% in Virginia between 2002 and 2010. Annual receipts in the region totaled \$53 million in 2010.

Employer establishments engaged in seafood retail decreased 4.1% from 2002 to 2010, totaling 663 in 2010. These establishments employed 2,647 workers in 2009. In the Mid-Atlantic Region, annual payroll for seafood retail from \$NA in 2003 to \$60 million in 2010.

Transport, Support, and Marine Operations

For industries where data were available, marinas employed more people than any other industry in this sector, employing approximately 5,000 people in 2010. In contrast, the marine cargo handling industry had the highest annual payroll in the region totaling \$483 million. Marinas had the highest number of establishments (950), followed by the ship and boat building industries with 158 establishments and the coastal and great lakes freight transportation industries with 99 establishments.

In Maryland, industries with large changes in establishment numbers, employees, or annual payroll from 2009 to 2010 were: marine cargo handling (104% increase in payroll), marine cargo handling (71% increase in employees), deep sea freight transportation (53% increase in employees) and deep sea passenger transportation (50% decrease in establishments). In New Jersey, large changes were seen for port and harbor operations (130% increase in employees), port and harbor operations (89% increase in payroll), port and harbor operations (83% increase in establishments) and navigational services to shipping (44% decrease in employees). In New York, large changes were seen in the navigational services to shipping (162% increase in payroll), port and harbor operations (100% increase in establishments), navigational services to shipping (92% increase in employees) and deep sea passenger transportation (50% decrease in establishments).

¹Information for 2010 is reported in this section; 2011 data were not available for this report.

2011 Economic Impacts of the Mid-Atlantic Region Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Valued Added	Jobs	Sales	Valued Added
Delaware	339	43,746	14,661	302	34,728	11,796
Maryland	15,274	1,743,095	665,883	6,966	368,398	184,663
New Jersey	43,638	6,563,733	2,407,754	10,115	818,397	390,460
New York	41,847	5,102,910	1,801,303	2,963	138,229	67,182
Virginia	22,082	1,866,659	800,243	16,634	906,586	473,802

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	342,397	357,210	407,276	440,084	362,198	422,272	454,508	434,969	508,808	527,493
Finfish & other	84,091	87,702	87,648	101,538	95,508	104,079	91,633	101,999	113,732	123,033
Shellfish	258,306	269,508	319,628	338,547	266,689	318,193	362,876	332,970	395,076	404,460
American lobster	6,273	5,569	5,656	6,696	9,116	7,746	8,889	5,036	4,214	4,421
Atlantic surf clam	34,692	35,366	26,760	27,084	29,580	32,479	30,019	26,426	17,719	10,981
Blue crab	61,660	60,799	69,364	71,073	55,638	69,201	80,883	79,894	128,244	99,340
Eastern oyster	9,814	8,903	5,663	6,703	6,485	8,972	11,146	9,309	9,897	6,601
Menhaden	24,123	24,352	25,570	28,188	24,466	29,918	24,458	28,581	40,339	39,674
Quahog clam	16,935	20,160	19,918	20,773	20,229	23,437	35,852	23,022	21,783	19,994
Sea scallop	91,237	111,969	160,665	181,327	120,142	147,053	165,919	161,775	184,282	227,438
Squid	9,287	6,497	14,278	9,163	7,729	7,446	7,724	7,158	12,032	20,646
Striped Bass	8,215	9,751	7,633	11,335	9,947	10,994	10,684	11,451	11,422	12,632
Summer flounder	8,700	10,678	13,244	13,615	12,364	10,857	9,694	9,984	12,886	15,872

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	702,234	710,738	757,107	708,741	667,307	748,267	687,708	694,170	807,543	779,829
Finfish & other	496,430	514,804	529,453	517,898	488,011	556,786	482,090	490,157	579,127	577,628
Shellfish	205,804	195,934	227,654	190,843	179,296	191,481	205,619	204,013	228,416	202,201
American lobster	1,705	1,181	1,394	1,585	1,772	1,409	1,880	1,286	995	1,024
Atlantic surf clam	62,134	64,601	50,984	50,921	50,556	53,952	48,099	41,692	27,662	16,930
Blue crab	63,076	56,047	68,979	70,983	61,873	64,589	67,935	75,893	119,280	101,485
Eastern oyster	1,713	1,493	859	1,202	984	794	1,391	1,024	1,110	1,451
Menhaden	394,606	398,744	421,309	412,672	400,784	472,086	397,537	395,464	499,859	496,823
Quahog clam	2,318	3,311	3,537	3,735	3,728	4,115	5,246	3,255	2,469	2,345
Sea scallop	24,887	28,213	33,381	24,526	18,279	22,793	24,355	25,639	23,998	23,383
Squid	15,187	10,462	41,586	12,260	9,746	8,608	8,241	8,310	26,822	33,332
Striped Bass	4,591	5,273	3,927	5,706	4,746	5,477	5,693	5,852	5,621	5,406
Summer flounder	6,433	7,315	8,400	8,360	6,609	4,723	4,258	5,134	6,384	8,653

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American lobster	3.68	4.71	4.06	4.22	5.15	5.50	4.73	3.92	4.23	4.32
Atlantic surf clam	0.56	0.55	0.52	0.53	0.59	0.60	0.62	0.63	0.64	0.65
Blue crab	0.98	1.08	1.01	1.00	0.90	1.07	1.19	1.05	1.08	0.98
Eastern oyster	5.73	5.96	6.59	5.58	6.59	11.30	8.02	9.09	8.92	4.55
Menhaden	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.08	0.08
Quahog clam	7.31	6.09	5.63	5.56	5.43	5.70	6.83	7.07	8.82	8.53
Sea scallop	3.67	3.97	4.81	7.39	6.57	6.45	6.81	6.31	7.68	9.73
Squid	0.61	0.62	0.34	0.75	0.79	0.86	0.94	0.86	0.45	0.62
Striped Bass	1.79	1.85	1.94	1.99	2.10	2.01	1.88	1.96	2.03	2.34
Summer flounder	1.35	1.46	1.58	1.63	1.87	2.30	2.28	1.94	2.02	1.83

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Income	Value Added
Delaware	926,000	795	120,877	36,133	55,535
Maryland	2,820,000	5,745	783,833	260,839	396,620
New Jersey	5,162,000	9,965	1,697,115	554,318	870,983
New York	4,168,000	2,972	369,382	128,738	212,169
Virginia	2,898,000	7,237	833,508	280,954	433,725

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	731,471
For-Hire	46,468	100,767	Other Equipment	192,747
Private Boat	86,361	353,011	Boat Expenses	1,390,841
Shore	89,457	126,512	Vehicle Expenses	428,052
<i>Total Trip Expenditures</i>	222,287	580,288	Second Home Expenses	140,956
			<i>Total Durable Equipment Expenditures</i>	2,884,068
Total State Trip and Durable Equipment Expenditures				3,686,643

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	1,643	2,229	2,363	3,002	2,876	3,234	2,823	2,437	2,598	2,244
Non-Coastal	139	144	157	252	224	212	197	187	178	145
Out-of-State	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹
Total Anglers	1,783	2,372	2,520	3,254	3,100	3,446	3,020	2,623	2,776	2,389

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	1,025	1,181	1,099	1,268	1,337	1,688	1,144	1,110	870	1,048
Private Boat	9,550	11,287	11,244	11,901	11,863	12,372	11,567	9,708	9,365	8,514
Shore	6,070	7,383	6,243	7,668	7,370	8,124	8,006	6,195	6,346	6,412
Total Trips	16,645	19,851	18,586	20,837	20,570	22,184	20,717	17,013	16,581	15,974

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Black seabass	H	3,059	3,034	1,317	995	1,116	1,303	923	1,335	1,316	533
	R	10,332	8,383	5,528	5,414	5,739	6,401	8,473	6,270	6,458	3,203
Bluefish	H	2,517	3,192	4,142	4,667	3,904	4,945	3,516	2,932	2,558	2,465
	R	4,582	4,196	6,305	6,640	5,696	8,012	7,211	4,456	3,933	4,246
Drum (Atlantic croaker)	H	10,866	9,350	10,399	10,492	9,254	8,584	9,981	7,308	6,020	3,992
	R	10,364	9,426	8,966	12,244	7,416	11,023	12,912	9,405	6,233	5,390
Drum (spot)	H	2,316	4,771	2,604	4,769	6,657	11,998	6,557	4,346	3,699	4,033
	R	1,015	1,658	1,305	4,755	2,885	3,940	4,492	2,238	2,574	2,609
Porgies (scup)	H	1,186	5,268	1,948	992	2,005	1,699	1,544	1,638	2,735	771
	R	1,551	2,379	3,730	2,254	3,543	2,500	3,170	2,293	2,414	1,041
Striped bass	H	1,251	1,663	1,472	1,598	2,025	1,772	1,681	1,382	1,403	1,655
	R	5,052	7,801	9,579	8,033	9,227	7,730	4,787	3,802	3,465	3,782
Summer flounder	H	2,634	3,918	3,467	3,339	3,195	2,540	1,725	1,563	1,226	1,509
	R	11,851	14,901	15,122	20,359	14,547	16,578	18,431	21,372	21,402	18,466
Weakfish drum	H	919	307	418	1,102	554	331	372	37	14	7
	R	1,688	1,363	1,421	1,972	2,054	1,037	1,983	179	458	468
Winter flounder	H	361	540	267	132	325	106	44	76	55	92
	R	265	182	64	222	188	42	32	138	103	126
Wrasses (tautog)	H	1,231	382	598	275	679	728	668	692	759	352
	R	2,531	1,011	1,369	856	2,005	2,203	1,979	1,912	2,319	1,531

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

2011 Economic Impacts of the Delaware Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	339	43,746	14,661	302	34,728	11,796
Commercial Harvesters	148	12,993	4,186	148	12,993	4,186
Seafood Processors & Dealers	29	5,175	1,750	28	5,030	1,702
Importers	28	7,659	2,335	0	0	0
Seafood Wholesalers & Distributors	23	3,154	1,430	19	2,541	1,152
Retail	112	14,765	4,960	107	14,163	4,756

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	6,067	5,204	5,419	6,113	5,677	7,931	6,900	7,542	7,840	7,091
Finfish & other	986	1,465	1,258	1,273	1,315	1,300	1,100	1,067	1,069	1,328
Shellfish	5,081	3,739	4,161	4,840	4,361	6,631	5,801	6,475	6,772	5,763
American eel	118	230	169	100	275	292	190	134	206	274
Black sea bass	21	181	181	157	190	198	156	25	8	2
Blue crab	3,511	1,899	2,839	3,429	2,961	5,329	4,605	5,435	5,957	4,819
Eastern oyster	478	305	361	485	459	490	410	334	404	347
Quahog clam	392	435	175	220	193	ND ¹	ND ²	ND ²	ND ²	ND ²
Sea scallop	ND ²	ND ²	12	102	121	ND ²	256	173	ND ²	ND ²
Spot	8	46	38	98	53	57	40	49	50	67
Striped bass	336	479	497	494	501	300	403	327	396	410
Weakfish	176	83	61	82	55	31	18	5	4	2
Whelks	694	1,079	690	562	601	ND ²	ND ²	ND ²	ND ²	ND ²

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	5,857	5,018	4,288	4,851	4,369	5,346	4,706	5,011	5,214	4,921
Finfish & other	1,933	2,264	1,349	1,470	1,144	1,102	817	1,154	851	1,157
Shellfish	3,925	2,754	2,938	3,381	3,224	4,244	3,890	3,857	4,363	3,764
American eel	90	156	142	110	120	131	80	60	69	91
Black sea bass	12	98	84	73	87	73	61	6	3	4
Blue crab	3,062	1,792	2,276	2,924	2,856	3,799	3,508	3,414	4,110	3,502
Eastern oyster	133	76	79	84	75	80	67	67	71	62
Quahog clam	134	141	54	69	60	ND ²	ND ²	ND ²	ND ²	ND ²
Sea scallop	ND ²	ND ²	2	13	20	ND ²	38	25	ND ²	ND ²
Spot	14	77	59	155	57	62	32	61	60	82
Striped bass	146	191	176	174	182	143	189	184	185	185
Weakfish	173	91	51	71	33	25	11	3	2	1
Whelks	590	729	491	276	203	ND ²	ND ²	ND ²	ND ²	ND ²

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American eel	1.31	1.48	1.19	0.91	2.28	2.22	2.38	2.24	3.00	3.03
Black sea bass	1.69	1.86	2.17	2.15	2.18	2.73	2.57	4.25	2.65	0.50
Blue crab	1.15	1.06	1.25	1.17	1.04	1.40	1.31	1.59	1.45	1.38
Eastern oyster	3.60	4.00	4.57	5.76	6.10	6.14	6.09	4.97	5.67	5.56
Quahog clam	2.92	3.09	3.26	3.18	3.22	ND ²	ND ²	ND ²	ND ²	ND ²
Sea scallop	ND ²	ND ²	5.18	8.08	6.19	ND ²	6.81	6.80	ND ²	ND ²
Spot	0.59	0.60	0.65	0.63	0.92	0.92	1.24	0.81	0.84	0.82
Striped bass	2.30	2.50	2.82	2.84	2.75	2.09	2.13	1.77	2.13	2.21
Weakfish	1.02	0.91	1.18	1.16	1.64	1.27	1.75	1.92	1.56	2.01
Whelks	1.18	1.48	1.41	2.04	2.96	ND ²	ND ²	ND ²	ND ²	ND ²

¹ND = these data are confidential thus not disclosable

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	34	3,269	1,064	1,869
Private Boat	179	21,101	6,093	10,519
Shore	188	18,081	5,697	9,603
Total Durable Equipment Impacts	394	78,426	23,279	33,545
Total State Trip and Durable Equipment Economic Impacts	795	120,877	36,133	55,535

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	29,440
For-Hire	1,906	461	Other Equipment	11,564
Private Boat	6,650	12,047	Boat Expenses	26,932
Shore	9,142	6,856	Vehicle Expenses	21,844
<i>Total Trip Expenditures</i>	<i>17,698</i>	<i>19,363</i>	Second Home Expenses	5,347
			<i>Total Durable Equipment Expenditures</i>	<i>95,127</i>
Total State Trip and Durable Equipment Expenditures				132,188

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	89	127	116	120	137	150	134	114	128	129
Non-Coastal	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹
Out of State	177	199	243	191	205	224	182	173	165	190
Total Anglers	266	326	359	311	342	374	315	287	293	318

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	64	38	32	42	62	70	56	44	20	17
Private	536	553	654	553	595	722	529	487	408	512
Shore	429	514	389	431	427	459	444	379	391	397
Total Trips	1,029	1,105	1,075	1,026	1,084	1,251	1,029	910	819	926

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Atlantic mackerel	H	6	(1)	13	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)
Black seabass	H	608	308	43	67	113	94	21	37	22	44
	R	1,233	832	276	275	329	583	464	292	232	210
Bluefish	H	116	89	128	126	98	152	68	98	31	45
	R	435	120	408	190	288	539	166	166	57	128
Drum (Atlantic croaker)	H	261	342	389	825	764	359	370	452	75	92
	R	362	656	599	675	938	672	603	539	230	88
Drum (weakfish) ³	H	121	20	5	19	10	3	4	6	(1)	(1)
	R	101	39	72	104	96	22	61	4	12	6
Striped bass	H	29	29	25	20	20	8	26	20	15	18
	R	114	169	155	250	248	247	260	146	65	110
Summer flounder	H	107	105	110	73	88	108	36	87	52	66
	R	497	415	737	795	446	1,072	605	964	619	617
White perch	H	40	30	63	37	69	34	40	64	187	113
	R	72	134	303	105	194	190	243	121	397	272
Wrasses (tautog)	H	185	62	70	60	111	100	103	121	56	46
	R	411	167	198	232	194	266	165	224	196	88
Yellowfin tuna	H	10	2	1	5	6	(1)	1	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

¹NA = not applicable because all Delaware residents are considered coastal county residents²In 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.

Delaware's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2002	24,377 (0.34%)	389,304 (0.35%)	14,716 (0.37%)	20,439 (0.41%)	43,672 (0.34%)	ND ^{2,3}
2010	24,290 (0.33%)	359,007 (0.32%)	17,167 (0.35%)	25,358 (0.44%)	64,010 (0.32%)	²
% change	-0.357%	-7.78%	16.7%	24.1%	46.6%	--

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	0	0	0	3	3	0	3	NA ⁴	3
	Receipts	ND ²	ND ²	ND ²	64	214	ND ²	27	NA ³	27
Seafood Sales, retail	Firms	5	7	9	12	9	12	9	9	9
	Receipts	435	959	803	1,523	835	1,025	418	664	418

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	1	1	1	1	1	1	1	1	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Seafood sales, wholesale	Establishments	7	5	2	3	3	3	6	7	7
	Employees	65	ND ²	ND ²	ND ²	9	ND ²	ND ²	ND ²	ND ²
	Payroll	2,279	ND ²	ND ²	ND ²	337	ND ²	ND ²	ND ²	ND ²
Seafood sales, retail	Establishments	15	18	16	14	17	19	18	16	15
	Employees	94	ND ²	144	138	135	105	ND ²	50	47
	Payroll	1,779	ND ²	3,363	3,264	3,133	2,997	1,498	1,348	1,414

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	8	5	3	3	3	3	2	2	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Deep sea freight transportation	Establishments	2	2	1	1	NA ⁵	NA ³	4	4	5
	Employees	ND ²	ND ²	ND ²	ND ²	NA ³	NA ³	ND ²	ND ²	120
	Payroll	ND ²	ND ²	ND ²	ND ²	NA ³	NA ³	ND ²	ND ²	10,768
Deep sea passenger transportation	Establishments	1	NA ³	NA ³	1	NA ³	NA ³	NA ³	NA ³	1
	Employees	ND ²	NA ³	NA ³	ND ²	NA ³	NA ³	NA ³	NA ³	ND ²
	Payroll	ND ²	NA ³	NA ³	ND ²	NA ³	NA ³	NA ³	NA ³	ND ²
Marinas	Establishments	13	17	17	16	18	17	19	16	19
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	88	65	ND ²	65
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	2,540	1,738	1,877	2,342
Marine cargo handling	Establishments	6	5	5	4	4	3	3	3	3
	Employees	199	513	ND ²	ND ²	597	527	629	ND ²	434
	Payroll	14,718	14,879	ND ²	ND ²	18,812	19,027	19,204	16,952	16,835
Navigational services to shipping	Establishments	10	10	9	9	8	8	9	8	8
	Employees	ND ²	ND ²	ND ²	ND ²	75	76	79	85	76
	Payroll	ND ²	ND ²	ND ²	ND ²	4,783	4,961	5,360	5,672	5,176
Port & harbor operations	Establishments	NA ³	1	2	2	3	2	2	2	3
	Employees	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	29
	Payroll	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	1,182
Ship & boat building	Establishments	1	1	1	1	1	1	2	2	2
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²

¹ The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.² ND = these data are confidential thus not disclosable³ ND = these data are confidential thus not disclosable⁴ NA = these data are not available⁵ NA = these data are not available

2011 Economic Impacts of the Maryland Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	15,274	1,743,095	665,883	6,966	368,398	184,663
Commercial Harvesters	2,779	135,387	60,155	2,779	135,387	60,155
Seafood Processors & Dealers	1,822	161,514	80,372	632	56,620	28,175
Importers	3,894	1,071,272	326,571	0	0	0
Seafood Wholesalers & Distributors	822	109,633	49,484	200	26,618	12,014
Retail	5,956	265,289	149,301	3,355	149,773	84,319

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	49,013	49,038	49,200	63,754	53,579	65,329	73,196	75,892	104,877	76,722
Finfish & other	8,135	8,095	4,670	10,766	9,896	12,170	11,090	11,614	13,157	13,608
Shellfish	40,878	40,943	44,530	52,988	43,684	53,158	62,106	64,278	91,720	63,114
Atlantic croaker	512	576	751	543	440	335	442	415	509	469
Black sea bass	436	555	573	724	811	454	445	450	592	508
Blue crab	30,338	34,532	39,104	39,962	31,141	41,690	50,115	52,049	79,805	59,193
Clams or bivalves	8,002	5,170	4,654	4,784	4,889	5,074	5,436	4,403	5,400	2,637
Eastern oyster	2,172	706	181	3,435	1,238	3,146	2,277	3,849	4,361	ND ¹
Menhaden	423	337	232	1,514	609	1,379	915	884	755	714
Sea scallop	96	ND ²	417	4,549	6,200	2,809	3,758	3,160	1,187	568
Striped bass	3,759	3,916	1,549	4,259	4,591	5,333	5,232	5,180	5,531	5,610
Summer flounder	ND ²	527	444	677	549	546	578	551	546	463
White perch	559	556	347	848	568	619	776	942	1,158	1,482

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	53,185	49,350	49,509	67,489	51,226	61,585	63,533	66,819	102,911	78,197
Finfish & other	15,275	13,468	8,055	25,000	12,719	21,618	18,626	19,968	27,881	21,292
Shellfish	37,909	35,882	41,454	42,489	38,507	39,967	44,908	46,850	75,031	56,905
Atlantic croaker	1,513	1,532	1,801	1,389	877	576	778	550	622	784
Black sea bass	280	313	284	337	350	171	159	126	203	183
Blue crab	26,481	27,816	33,826	34,914	29,446	30,778	34,872	38,801	66,661	50,027
Clams or bivalves	10,663	7,527	7,270	6,112	7,756	7,947	8,600	6,292	6,971	3,795
Eastern oyster	567	159	43	738	274	317	249	498	430	ND ²
Menhaden	4,850	4,232	3,336	15,806	5,263	13,751	9,615	9,419	15,756	8,366
Sea scallop	27	ND ²	94	591	931	450	569	521	153	58
Striped bass	2,085	2,193	885	2,349	2,485	2,640	2,655	2,812	2,549	2,344
Summer flounder	ND ²	329	262	338	248	229	208	214	263	259
White perch	1,583	1,477	453	1,524	688	973	858	1,301	1,704	2,041

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Atlantic croaker	0.34	0.38	0.42	0.39	0.50	0.58	0.57	0.75	0.82	0.60
Black sea bass	1.56	1.77	2.02	2.15	2.31	2.66	2.79	3.58	2.91	2.78
Blue crab	1.15	1.24	1.16	1.14	1.06	1.35	1.44	1.34	1.20	1.18
Clams or bivalves	0.75	0.69	0.64	0.78	0.63	0.64	0.63	0.70	0.77	0.69
Eastern oyster	3.83	4.45	4.23	4.66	4.52	9.92	9.13	7.73	10.14	ND ²
Menhaden	0.09	0.08	0.07	0.10	0.12	0.10	0.10	0.09	0.05	0.09
Sea scallop	3.52	ND ²	4.44	7.70	6.66	6.25	6.60	6.06	7.77	9.83
Striped bass	1.80	1.79	1.75	1.81	1.85	2.02	1.97	1.84	2.17	2.39
Summer flounder	ND ²	1.60	1.69	2.01	2.22	2.39	2.78	2.58	2.07	1.79
White perch	0.35	0.38	0.77	0.56	0.83	0.64	0.90	0.72	0.68	0.73

¹ND = these data are confidential thus not disclosable

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	582	50,524	17,155	29,700
Private Boat	557	60,042	20,972	36,610
Shore	740	68,529	23,903	40,421
Total Durable Equipment Impacts	3,866	604,738	198,808	289,890
Total State Trip and Durable Equipment Economic Impacts	5,745	783,833	260,839	396,620

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	102,037
For-Hire	21,517	12,565	Other Equipment	25,715
Private Boat	11,504	46,261	Boat Expenses	424,367
Shore	26,772	30,318	Vehicle Expenses	107,135
<i>Total Trip Expenditures</i>	<i>59,793</i>	<i>89,143</i>	Second Home Expenses	916
			<i>Total Durable Equipment Expenditures</i>	<i>660,170</i>
Total State Trip and Durable Equipment Expenditures				809,106

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	430	526	442	620	733	850	643	514	552	415
Non-Coastal	41	53	39	49	84	78	50	43	54	49
Out of State	330	418	333	425	447	528	507	327	462	372
Total Anglers	801	997	815	1095	1264	1456	1200	884	1068	836

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	183	187	176	212	238	269	195	202	138	161
Private	1,596	2,033	1,535	1,924	1,836	2,352	1,891	1,608	1,643	1,453
Shore	1,059	1,109	874	1,020	1,145	1,082	1,273	1,081	1,150	1,206
Total Trips	2,838	3,329	2,585	3,156	3,219	3,703	3,359	2,891	2,931	2,820

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Black seabass	H	337	241	15	91	121	39	27	33	36	47
	R	925	773	259	563	645	577	674	453	670	352
Bluefish	H	197	213	367	167	421	676	550	591	273	259
	R	577	519	593	236	778	1,172	1,631	670	162	408
Drum (Atlantic croaker)	H	1,223	1,620	896	784	755	873	621	1,335	1,137	554
	R	2,524	1,393	854	1,138	1,783	1,258	2,128	1,138	1,011	366
Drum (spot)	H	692	3,300	868	1,789	2,895	3,616	1,892	2,064	1,164	913
	R	501	671	383	2,136	1,355	1,619	1,739	632	1,155	298
Drum (weakfish) ²	H	101	42	15	32	1	7	2	4	5	(1)
	R	286	182	231	61	47	63	38	8	162	18
Striped bass	H	283	525	369	534	668	765	415	501	457	445
	R	2,928	4,653	3,479	3,855	3,711	3,066	1,338	1,423	1,509	1,127
Summer flounder	H	69	40	42	117	36	103	58	64	26	14
	R	383	373	805	361	252	1,018	922	817	1,227	472
White perch	H	1,156	2,020	1,623	2,411	2,560	2,889	1,509	550	2,613	1,571
	R	1,755	3,699	3,459	5,837	3,953	5,425	3,853	1,137	2,891	2,347
Wrasses (tautog)	H	43	13	8	28	15	43	19	39	57	12
	R	294	97	24	148	186	178	151	133	362	75
Yellowfin tuna	H	18	26	2	5	8	4	(1)	5	1	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)

¹In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.²This 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
2002	131,815 (1.8%)	2,062,515 (1.8%)	75,032 (1.9%)	127,286 (2%)	206,624 (2.1%)	0.7
2010	134,579 (1.8%)	2,075,507 (1.9%)	97,807 (2%)	175,443 (2%)	293,349 (2.2%)	0.47
% change	2.1%	0.63%	30.4%	37.8%	42%	-42.9%

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	50	47	51	57	55	56	56	41	56
	Receipts	3,199	2,487	2,301	2,727	2,751	3,940	3,310	2,106	3,310
Seafood Sales, retail	Firms	79	78	70	78	73	99	84	91	84
	Receipts	8,629	6,771	10,100	6,976	7,755	10,493	9,010	8,593	9,010

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	24	23	23	23	19	22	22	19	18
	Employees	807	762	895	1,141	1,053	1,296	1,003	245	273
	Payroll	20,618	20,399	23,039	24,986	28,852	32,386	39,328	13,049	12,652
Seafood sales, wholesale	Establishments	77	63	58	59	59	62	60	61	63
	Employees	870	686	733	709	694	978	851	777	795
	Payroll	33,072	27,934	29,813	30,148	32,943	50,353	42,296	39,055	39,067
Seafood sales, retail	Establishments	88	97	96	95	97	102	94	87	87
	Employees	488	459	579	576	617	613	590	485	526
	Payroll	10,033	10,634	12,328	13,019	14,190	14,777	11,510	11,499	11,810

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	8	9	11	10	10	8	6	7	8
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Deep sea freight transportation	Establishments	14	16	15	16	14	14	13	15	15
	Employees	123	ND ²	281	316	ND ²	244	250	255	390
	Payroll	9,216	ND ²	18,983	14,131	ND ²	14,905	19,765	20,722	24,185
Deep sea passenger transportation	Establishments	4	3	2	1	1	1	3	2	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Marinas	Establishments	188	180	183	185	179	183	179	176	175
	Employees	1,232	1,296	1,321	1,228	1,260	1,326	1,383	1,289	1,275
	Payroll	33,621	34,024	36,598	36,590	40,866	48,752	45,965	45,483	43,508
Marine cargo handling	Establishments	16	14	11	12	13	15	15	16	17
	Employees	1,487	1,862	1,725	1,639	1,659	1,791	1,572	1,599	2,742
	Payroll	66,525	69,084	75,911	81,219	73,367	85,328	48,382	46,727	95,182
Navigational services to shipping	Establishments	13	11	8	9	9	8	9	11	10
	Employees	ND ²	195	ND ²	ND ²	ND ²	157	92	77	84
	Payroll	ND ²	38,619	ND ²	ND ²	ND ²	4,882	3,968	3,807	4,015
Port & harbor operations	Establishments	7	8	10	11	11	8	3	4	5
	Employees	259	376	479	ND ²	ND ²	323	ND ²	ND ²	ND ²
	Payroll	11,655	16,099	19,218	ND ²	ND ²	13,427	ND ²	ND ²	ND ²
Ship & boat building	Establishments	44	55	58	57	55	48	46	38	35
	Employees	1,223	1,426	1,022	ND ²	1,119	874	677	416	ND ²
	Payroll	40,743	36,444	35,364	ND ²	33,463	29,500	22,363	16,238	ND ²

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

²ND = these data are confidential thus not disclosable

2011 Economic Impacts of the New Jersey Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	43,638	6,563,733	2,407,754	10,115	818,397	390,460
Commercial Harvesters	3,602	426,864	181,894	3,602	426,864	181,894
Seafood Processors & Dealers	6,049	560,815	277,214	924	86,813	42,912
Importers	16,022	4,407,196	1,343,506	0	0	0
Seafood Wholesalers & Distributors	2,535	409,652	179,034	266	42,948	18,770
Retail	15,430	759,207	426,105	5,324	261,773	146,885

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	112,708	120,670	145,217	158,746	136,039	151,513	168,518	150,030	178,080	214,191
Finfish & other	20,062	22,017	21,369	22,585	24,476	24,238	19,945	24,032	22,929	26,783
Shellfish	92,646	98,653	123,847	136,161	111,563	127,275	148,573	125,998	155,152	187,407
American lobster	1,139	1,028	1,800	2,001	2,533	4,056	3,214	850	2,679	2,774
Atlantic herring	60	145	1	1	ND ¹	562	548	1,564	422	415
Atlantic mackerel	1,780	2,855	3,398	3,957	3,709	668	1,568	1,539	848	53
Blue crab	6,725	4,736	5,330	6,773	6,359	5,471	7,284	184	11,858	9,423
Eastern oyster	1,853	3,366	1,558	823	2,288	ND ²	2,547	ND ²	ND ²	ND ²
Goosefish	5,896	6,200	3,446	4,451	4,415	4,484	4,005	3,017	2,752	3,641
Ocean quahog & surf clams	39,804	38,054	31,379	25,567	31,038	26,547	30,838	27,496	23,889	19,428
Quahog clam	ND ²	5,228	7,409	7,556	7,615	968	6,254	ND ²	ND ²	ND ²
Sea scallop	33,336	43,507	67,309	88,486	57,465	77,359	91,320	90,111	109,116	142,482
Summer flounder	3,504	3,683	4,134	4,478	4,926	3,989	3,461	3,377	4,553	5,462

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	162,139	170,133	187,377	156,695	152,781	153,846	162,304	161,611	161,844	175,516
Finfish & other	65,737	75,471	71,450	74,193	66,316	65,164	62,816	73,617	74,803	94,657
Shellfish	96,401	94,662	115,926	82,502	86,465	88,683	99,487	87,994	87,041	80,859
American lobster	264	210	370	369	471	680	633	180	642	627
Atlantic herring	1,138	1,805	5	1	ND ²	6,038	6,539	13,692	4,140	2,385
Atlantic mackerel	20,486	33,056	36,091	32,414	24,977	5,384	9,426	10,255	4,692	107
Blue crab	6,229	4,012	4,350	6,333	5,981	4,636	5,816	257	9,268	9,600
Eastern oyster	379	714	323	162	350	ND ²	550	ND ²	ND ²	ND ²
Goosefish	5,697	7,185	4,177	3,881	3,841	4,229	3,694	2,686	1,988	2,265
Ocean quahog & surf clams	73,949	71,683	61,155	49,849	55,286	44,791	51,597	45,306	38,538	29,342
Quahog clam	ND ²	1,260	1,796	1,852	1,844	240	1,516	ND ²	ND ²	ND ²
Sea scallop	8,644	10,638	13,705	11,831	8,439	11,808	13,282	14,038	14,170	14,543
Summer flounder	2,407	2,385	2,630	2,349	2,380	1,697	1,541	1,799	2,166	2,830

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American lobster	4.31	4.90	4.86	5.42	5.38	5.96	5.08	4.73	4.18	4.42
Atlantic herring	0.05	0.08	0.23	0.78	ND ²	0.09	0.08	0.11	0.10	0.17
Atlantic mackerel	0.09	0.09	0.09	0.12	0.15	0.12	0.17	0.15	0.18	0.50
Blue crab	1.08	1.18	1.23	1.07	1.06	1.18	1.25	0.72	1.28	0.98
Eastern oyster	4.88	4.72	4.82	5.09	6.53	ND ²	4.63	ND ²	ND ²	ND ²
Goosefish	1.03	0.86	0.83	1.15	1.15	1.06	1.08	1.12	1.38	1.61
Ocean quahog & surf clams	0.54	0.53	0.51	0.51	0.56	0.59	0.60	0.61	0.62	0.66
Quahog clam	ND ²	4.15	4.13	4.08	4.13	4.04	4.12	ND ²	ND ²	ND ²
Sea scallop	3.86	4.09	4.91	7.48	6.81	6.55	6.88	6.42	7.70	9.80
Summer flounder	1.46	1.54	1.57	1.91	2.07	2.35	2.25	1.88	2.10	1.93

¹ND = these data are confidential thus not disclosable

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	580	62,526	21,058	36,350
Private Boat	1,270	179,913	54,191	93,076
Shore	783	93,766	30,440	50,978
Total Durable Equipment Impacts	7,333	1,360,911	448,628	690,578
Total State Trip and Durable Equipment Economic Impacts	9,965	1,697,115	554,318	870,983

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	307,411
For-Hire	17,405	23,220	Other Equipment	58,800
Private Boat	37,561	104,637	Boat Expenses	499,473
Shore	29,105	47,508	Vehicle Expenses	232,339
<i>Total Trip Expenditures</i>	<i>84,072</i>	<i>175,365</i>	Second Home Expenses	134,169
			<i>Total Durable Equipment Expenditures</i>	<i>1,232,192</i>
Total State Trip and Durable Equipment Expenditures				1,491,629

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	400	592	708	818	693	890	765	656	776	687
Non-Coastal	17	20	31	39	25	19	26	35	36	23
Out of State	239	462	379	471	481	518	456	454	449	357
Total Anglers	656	1074	1117	1328	1199	1427	1246	1145	1261	1067

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	367	466	432	452	633	606	450	434	319	382
Private	2,992	3,603	3,895	3,753	3,721	3,614	3,595	2,671	3,264	2,446
Shore	2,049	2,712	2,121	2,357	2,682	2,978	2,858	2,235	2,279	2,334
Total Trips	5,408	6,781	6,448	6,562	7,036	7,198	6,903	5,340	5,862	5,162

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Black seabass	H	1,759	1,903	1,079	660	530	725	579	584	685	149
	R	4,320	4,296	3,121	2,387	2,082	2,423	4,431	3,139	3,868	1,302
Bluefin tuna	H	7	9	7	10	4	7	4	14	6	2
	R	(1)	(1)	60	24	97	1	1	2	7	6
Bluefish	H	1,322	1,572	1,530	2,367	1,184	1,654	1,029	813	910	1,150
	R	2,169	1,913	2,226	2,291	1,803	2,735	1,478	1,476	1,885	1,911
Drum (weakfish) ²	H	494	149	228	1,008	489	229	298	12	2	3
	R	351	630	534	1,374	1,335	613	1,433	79	103	101
Red hake	H	12	16	4	6	141	1	152	240	124	206
	R	(1)	14	3	2	12	(1)	19	23	24	13
Striped bass	H	415	392	423	411	509	288	310	281	318	394
	R	715	926	1,503	1,219	1,890	1,789	1,309	801	689	884
Summer flounder	H	988	1,784	1,617	1,302	1,556	1,067	763	825	552	737
	R	4,206	5,806	6,700	8,940	6,739	6,192	8,959	10,413	10,565	8,096
Winter flounder	H	208	307	40	32	64	96	3	7	24	28
	R	124	110	32	21	112	27	15	28	39	25
Wrasses (tautog)	H	347	102	90	43	202	300	172	127	374	137
	R	836	394	385	222	603	1,290	901	856	1,064	844
Yellowfin tuna	H	14	22	9	21	36	58	7	7	26	17
	R	4	(1)	8	1	(1)	(1)	1	16	(1)	(1)

¹In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.²This 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
2002	237,505 (3.3%)	3,596,919 (3.2%)	152,370 (3.9%)	216,721 (3.6%)	376,922 (3.6%)	ND ²³
2010	228,937 (3.1%)	3,367,169 (3%)	178,657 (3.6%)	267,771 (3.3%)	480,446 (3.4%)	²
% change	-3.61%	-6.39%	17.3%	23.6%	27.5%	--

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	21	23	23	26	27	25	22	33	22
	Receipts	2,673	2,279	2,694	3,086	3,027	2,399	1,851	3,667	1,851
Seafood Sales, retail	Firms	92	100	89	93	72	90	92	81	92
	Receipts	8,348	8,822	9,219	9,194	8,916	11,320	11,196	9,901	11,196

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	17	16	15	17	16	16	14	13	11
	Employees	928	846	749	969	667	628	566	661	482
	Payroll	23,045	20,794	21,029	28,235	22,097	18,403	18,703	22,025	17,427
Seafood sales, wholesale	Establishments	102	84	85	85	89	101	81	83	90
	Employees	969	920	948	914	941	978	856	858	848
	Payroll	37,394	35,991	38,066	37,828	41,506	41,994	37,462	37,348	38,065
Seafood sales, retail	Establishments	149	133	134	128	127	124	118	106	108
	Employees	559	454	547	524	493	472	368	332	332
	Payroll	10,225	10,513	11,952	11,787	11,373	10,352	9,372	9,126	9,094

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	13	15	17	18	18	23	18	19	18
	Employees	ND ²	768	ND ²	914	1,040	778	645	594	600
	Payroll	ND ²	45,024	ND ²	54,097	68,096	56,017	48,911	41,925	44,246
Deep sea freight transportation	Establishments	35	37	33	38	39	31	27	26	26
	Employees	1,397	1,287	1,028	948	648	566	1,115	1,045	ND ²
	Payroll	78,258	70,996	65,691	68,633	45,940	44,133	75,848	66,547	78,898
Deep sea passenger transportation	Establishments	4	5	4	5	4	2	2	3	2
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Marinas	Establishments	199	203	201	206	204	216	211	214	212
	Employees	927	951	945	978	940	1,045	916	784	781
	Payroll	32,480	34,777	36,862	38,323	39,154	41,624	39,596	35,811	35,475
Marine cargo handling	Establishments	29	27	26	26	25	23	21	22	21
	Employees	3,408	4,108	4,685	4,972	4,599	4,781	4,244	3,479	3,292
	Payroll	247,217	318,325	340,085	363,714	345,784	350,690	278,189	230,886	260,894
Navigational services to shipping	Establishments	22	16	17	16	19	26	20	19	16
	Employees	ND ²	210	ND ²	169	ND ²	227	191	133	75
	Payroll	ND ²	8,028	ND ²	9,673	ND ²	11,403	7,776	6,638	6,125
Port & harbor operations	Establishments	5	5	6	7	6	8	6	6	11
	Employees	ND ²	240	ND ²	194	ND ²	271	143	54	124
	Payroll	ND ²	10,644	ND ²	11,599	ND ²	12,197	12,446	5,548	10,463
Ship & boat building	Establishments	41	37	35	37	34	31	30	25	24
	Employees	2,223	2,005	2,040	2,320	2,307	2,305	2,019	1,188	1,056
	Payroll	76,607	75,149	80,301	89,421	88,367	91,460	79,309	42,909	37,920

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.²ND = these data are confidential thus not disclosable³ND = these data are confidential thus not disclosable

2011 Economic Impacts of the New York Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	41,847	5,102,910	1,801,303	2,963	138,229	67,182
Commercial Harvesters	1,386	67,485	29,835	1,386	67,485	29,835
Seafood Processors & Dealers	883	126,868	62,743	104	15,157	7,496
Importers	14,284	3,929,115	1,197,766	0	0	0
Seafood Wholesalers & Distributors	4,155	303,956	138,550	102	7,471	3,405
Retail	21,139	675,486	372,410	1,370	48,116	26,446

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	51,264	51,601	46,878	56,367	57,725	59,379	59,143	49,347	33,924	37,625
Finfish & other	15,924	16,426	16,765	18,317	19,143	20,496	18,841	17,569	20,445	22,285
Shellfish	35,341	35,175	30,113	38,051	38,582	38,884	40,302	31,778	13,479	15,340
American lobster	5,131	4,426	3,722	4,396	6,289	3,624	5,498	3,943	1,329	1,398
Atlantic surf clam	5,520	7,934	4,475	7,055	4,473	5,932	5,670	5,858	1,708	ND ¹
Eastern oyster	4,995	4,263	3,367	1,961	2,390	2,627	2,870	1,428	ND ²	ND ²
Flounder, Summer	2,042	2,240	3,275	3,797	3,418	3,133	2,933	3,088	3,569	3,715
Loligo squid	6,247	4,353	5,426	6,054	5,846	5,159	5,290	4,167	4,516	7,249
Quahog clam	12,245	12,399	10,673	12,696	12,237	14,224	13,185	8,397	ND ²	ND ²
Scups or porgies	1,185	1,330	1,637	2,027	2,457	2,349	1,710	1,887	2,112	2,549
Sea scallop	90	164	720	3,617	3,518	3,872	5,050	5,018	3,777	4,961
Softshell clam	679	888	1,227	1,468	2,055	1,628	1,076	700	ND ²	ND ²
Tilefishes	3,195	2,736	2,082	2,765	3,323	3,843	3,343	3,262	4,077	4,525

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	38,548	39,388	34,514	38,150	32,659	35,594	34,521	34,398	27,665	27,104
Finfish & other	16,540	17,223	16,531	14,631	14,036	16,495	15,069	16,172	18,191	18,596
Shellfish	22,008	22,165	17,983	23,519	18,623	19,099	19,451	18,225	9,473	8,507
American lobster	1,440	946	996	1,154	1,243	716	1,210	1,047	307	344
Atlantic surf clam	8,544	13,264	7,462	11,953	6,913	9,161	8,753	8,799	2,573	ND ²
Eastern oyster	537	466	370	219	269	124	135	64	ND ²	ND ²
Flounder, Summer	1,053	1,073	1,594	1,799	1,220	942	856	1,140	1,363	1,511
Loligo squid	9,613	4,603	6,363	6,693	6,462	5,438	5,469	4,098	3,900	5,629
Quahog clam	1,502	1,553	1,346	1,617	1,650	1,592	1,476	1,410	ND ²	ND ²
Scups or porgies	1,558	1,850	1,907	2,186	2,423	2,325	1,214	1,848	2,690	3,726
Sea scallop	26	39	170	647	577	619	782	918	507	522
Softshell clam	132	163	234	270	393	198	131	114	ND ²	ND ²
Tilefishes	1,593	1,755	1,335	1,142	1,297	1,393	1,199	1,435	1,586	1,521

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American lobster	3.56	4.68	3.74	3.81	5.06	5.06	4.54	3.76	4.32	4.06
Atlantic surf clam	0.65	0.60	0.60	0.59	0.65	0.65	0.65	0.67	0.66	ND ²
Eastern oyster	9.30	9.15	9.10	8.97	8.87	21.21	21.21	22.23	ND ²	ND ²
Flounder, Summer	1.94	2.09	2.05	2.11	2.80	3.33	3.43	2.71	2.62	2.46
Loligo squid	0.65	0.95	0.85	0.90	0.90	0.95	0.97	1.02	1.16	1.29
Quahog clam	8.15	7.98	7.93	7.85	7.42	8.94	8.93	5.96	ND ²	ND ²
Scups or porgies	0.76	0.72	0.86	0.93	1.01	1.01	1.41	1.02	0.79	0.68
Sea scallop	3.43	4.19	4.24	5.59	6.10	6.25	6.46	5.47	7.44	9.50
Softshell clam	5.15	5.45	5.24	5.43	5.23	8.23	8.24	6.13	ND ²	ND ²
Tilefishes	2.01	1.56	1.56	2.42	2.56	2.76	2.79	2.27	2.57	2.97

¹ND = these data are confidential thus not disclosable

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	1,043	102,927	36,048	62,326
Private Boat	936	113,282	40,674	70,922
Shore	222	23,992	8,692	14,646
Total Durable Equipment Impacts	770	129,181	43,324	64,274
Total State Trip and Durable Equipment Economic Impacts	2,972	369,382	128,738	212,169

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	45,733
For-Hire	3,640	62,687	Other Equipment	20,598
Private Boat	2,156	113,537	Boat Expenses	47,804
Shore	775	23,108	Vehicle Expenses	10,276
<i>Total Trip Expenditures</i>	<i>6,571</i>	<i>199,332</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>124,412</i>
Total State Trip and Durable Equipment Expenditures				330,315

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	387	599	587	885	735	881	817	638	646	497
Non-Coastal	8	19	18	27	25	39	32	21	24	18
Out of State	41	82	76	110	114	147	118	58	69	46
Total Anglers	436	700	681	1022	874	1067	967	717	740	561

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	339	405	388	526	361	684	387	383	347	458
Private	2,171	3,030	2,670	3,108	3,121	3,315	3,200	2,819	2,351	2,321
Shore	1,606	2,089	1,755	2,495	1,961	2,522	2,341	1,624	1,675	1,389
Total Trips	4,116	5,524	4,813	6,129	5,443	6,521	5,928	4,826	4,373	4,168

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Atlantic herring ²	H	26	30	124	60	23	214	70	3	79	75
	R	14	(1)	2	2	2	230	50	(1)	17	(1)
Black seabass	H	221	318	133	143	269	410	259	567	543	274
	R	1,412	739	625	1,072	1,328	1,548	1,654	1,236	1,164	894
Bluefish	H	752	1,146	1,896	1,684	1,834	2,150	1,484	1,293	1,026	926
	R	1,018	1,305	2,530	3,381	2,378	2,650	3,225	1,794	1,471	1,600
Drum (weakfish) ³	H	25	9	11	(1)	11	4	40	(1)	3	(1)
	R	62	8	39	77	18	109	25	3	3	55
Porgies (scup)	H	1,090	5,110	1,877	859	1,678	1,596	1,451	1,461	1,990	715
	R	1,246	1,806	3,515	1,738	2,623	1,963	2,838	2,124	1,865	998
Shortfin mako shark	H	1	3	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)
	R	4	3	2	5	(1)	(1)	(1)	(1)	(1)	3
Striped bass	H	202	315	263	376	368	474	684	355	539	676
	R	588	1,083	2,709	1,413	1,722	1,679	1,347	1,073	1,068	1,507
Summer flounder	H	698	1,538	1,024	1,164	752	866	608	299	335	375
	R	4,099	5,722	3,182	7,754	4,946	5,272	5,521	5,565	6,571	7,295
Winter flounder	H	153	233	227	100	261	10	41	69	31	64
	R	141	72	32	201	76	15	17	110	63	101
Wrasses (tautog)	H	630	129	278	84	246	224	318	345	145	111
	R	953	298	640	178	823	388	728	666	567	488

¹In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.²This species may not be equivalent to species with similar names listed in the commercial tables.³This 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
2002	498,921 (6.9%)	7,234,915 (6.4%)	329,811 (8.4%)	476,767 (7.8%)	822,408 (7.8%)	1.01
2010	519,504 (7%)	7,266,189 (6.5%)	418,438 (8.5%)	638,150 (7.8%)	1,128,823 (8%)	1.19
% change	4.13%	0.432%	26.9%	33.8%	37.3%	17.8%

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	40	62	49	57	61	68	73	101	73
	Receipts	1,730	2,580	3,517	2,652	3,044	3,516	3,383	4,883	3,383
Seafood Sales, retail	Firms	244	272	241	219	206	266	247	192	247
	Receipts	29,832	29,321	28,640	24,987	24,790	23,157	23,983	19,278	23,983

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	16	18	17	18	15	15	17	15	15
	Employees	352	271	323	324	298	294	379	ND ²	272
	Payroll	20,430	15,676	14,782	14,810	16,491	18,723	18,570	15,227	16,976
Seafood sales, wholesale	Establishments	315	291	274	269	254	291	231	246	263
	Employees	2,269	2,183	2,091	2,003	2,066	2,058	1,627	1,741	1,798
	Payroll	84,367	75,063	75,411	76,177	78,198	84,361	72,233	68,345	72,442
Seafood sales, retail	Establishments	381	376	386	392	388	372	368	386	394
	Employees	1,421	1,518	1,602	1,513	1,495	1,575	1,470	1,509	1,586
	Payroll	22,867	25,422	26,489	25,665	26,701	28,497	30,741	31,640	32,001

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	69	60	60	57	55	50	50	48	65
	Employees	2,284	1,751	1,452	1,448	1,464	1,746	1,759	2,299	1,654
	Payroll	141,213	115,452	94,074	91,347	109,315	125,570	160,735	198,352	136,577
Deep sea freight transportation	Establishments	38	35	36	39	38	34	29	32	30
	Employees	1,084	927	600	602	ND ²	ND ²	732	782	704
	Payroll	52,516	58,350	38,246	39,309	ND ²	65,632	108,744	89,313	98,499
Deep sea passenger transportation	Establishments	4	8	7	6	4	4	3	4	2
	Employees	ND ²	212	ND ²	ND ²	ND ²	7	ND ²	8	ND ²
	Payroll	ND ²	6,673	ND ²	ND ²	ND ²	240	316	126	ND ²
Marinas	Establishments	386	417	413	416	404	411	419	418	429
	Employees	1,680	2,167	2,185	2,093	2,112	2,070	2,263	2,099	2,052
	Payroll	69,242	77,398	81,737	84,832	83,807	88,862	100,910	96,640	94,654
Marine cargo handling	Establishments	11	14	14	12	12	12	10	9	13
	Employees	ND ²	951	1,099	ND ²	ND ²	ND ²	ND ²	ND ²	1,086
	Payroll	ND ²	50,015	48,529	ND ²	ND ²	ND ²	ND ²	ND ²	68,555
Navigational services to shipping	Establishments	32	34	34	35	36	36	32	37	37
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	578	386	312	598
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	40,976	23,294	19,126	50,119
Port & harbor operations	Establishments	4	3	3	3	3	5	3	4	8
	Employees	ND ²	ND ²	ND ²	ND ²	6	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	119	ND ²	ND ²	ND ²	568
Ship & boat building	Establishments	41	44	45	47	48	53	49	47	41
	Employees	ND ²	ND ²	ND ²	590	ND ²	643	688	585	575
	Payroll	ND ²	ND ²	ND ²	21,514	ND ²	26,653	30,462	28,880	26,771

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.²ND = these data are confidential thus not disclosable

2011 Economic Impacts of the Virginia Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	22,082	1,866,659	800,243	16,634	906,586	473,802
Commercial Harvesters	5,273	325,136	159,654	5,273	325,136	159,654
Seafood Processors & Dealers	1,713	152,230	76,441	1,593	141,717	71,162
Importers	2,922	803,712	245,007	0	0	0
Seafood Wholesalers & Distributors	1,096	134,744	62,081	542	66,646	30,706
Retail	11,078	450,837	257,062	9,226	373,086	212,280

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	123,308	130,657	160,496	155,066	109,082	137,993	146,611	152,022	183,894	191,665
Finfish & other	38,947	39,661	43,522	48,559	40,593	45,748	40,518	47,580	55,940	58,829
Shellfish	84,361	90,996	116,973	106,507	68,489	92,245	106,093	104,442	127,954	132,835
Atlantic croaker	3,815	2,822	3,013	3,691	4,345	4,445	5,270	6,939	6,027	4,778
Black sea bass	1,589	1,306	1,167	1,242	1,070	663	763	581	939	1,006
Blue crab	21,083	19,130	21,822	20,578	14,067	15,496	17,984	21,044	29,062	25,116
Catfishes & bullhea	1,005	372	649	900	1,570	956	1,192	1,567	670	904
Goosefish	704	879	599	1,142	688	781	954	631	594	795
Menhaden	22,113	22,511	24,144	25,259	22,269	25,317	21,271	23,578	34,476	32,978
Sea Scallop	57,715	68,298	92,207	84,574	52,828	63,013	65,534	63,312	70,203	79,426
Spot	1,256	1,688	2,236	2,227	1,762	3,232	1,171	3,410	975	3,157
Striped bass	2,823	3,389	3,648	4,457	2,816	3,831	3,379	4,220	3,635	4,476
Summer flounder	3,150	4,220	5,376	4,652	3,460	3,184	2,719	2,961	4,214	6,229

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	442,490	446,828	481,374	441,538	426,235	491,849	422,595	426,282	509,841	494,028
Finfish & other	396,929	406,359	432,023	402,586	393,760	452,360	384,712	379,196	457,334	441,863
Shellfish	45,560	40,469	49,351	38,952	32,475	39,489	37,883	47,087	52,507	52,166
Atlantic croaker	12,448	10,936	9,488	9,272	7,830	10,588	11,214	8,572	7,830	5,533
Black sea bass	771	507	498	475	327	189	215	164	264	275
Blue crab	27,301	21,464	27,642	26,064	22,719	24,660	23,203	32,552	38,277	37,862
Catfishes & bullhea	1,886	1,799	1,922	1,622	1,360	1,555	1,772	1,876	871	905
Goosefish	970	1,270	1,002	1,157	676	841	964	742	584	603
Menhaden	364,941	373,868	399,798	372,578	370,989	420,481	353,895	351,388	433,241	413,835
Sea Scallop	16,189	17,536	19,410	11,444	8,310	9,916	9,685	10,137	9,167	8,260
Spot	3,062	3,471	4,338	3,103	1,696	4,328	1,977	3,902	1,024	3,522
Striped bass	1,841	2,104	2,120	2,472	1,391	1,962	2,196	2,109	2,139	2,077
Summer flounder	2,970	3,522	3,906	3,869	2,757	1,854	1,652	1,979	2,590	4,051

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Atlantic croaker	0.31	0.26	0.32	0.40	0.55	0.42	0.47	0.81	0.77	0.86
Black sea bass	2.06	2.58	2.34	2.61	3.27	3.50	3.54	3.53	3.56	3.66
Blue crab	0.77	0.89	0.79	0.79	0.62	0.63	0.78	0.65	0.76	0.66
Catfishes & bullhea	0.53	0.21	0.34	0.55	1.15	0.61	0.67	0.84	0.77	1.00
Goosefish	0.73	0.69	0.60	0.99	1.02	0.93	0.99	0.85	1.02	1.32
Menhaden	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.08	0.08
Sea Scallop	3.56	3.89	4.75	7.39	6.36	6.35	6.77	6.25	7.66	9.62
Spot	0.41	0.49	0.52	0.72	1.04	0.75	0.59	0.87	0.95	0.90
Striped bass	1.53	1.61	1.72	1.80	2.02	1.95	1.54	2.00	1.70	2.16
Summer flounder	1.06	1.20	1.38	1.20	1.26	1.72	1.65	1.50	1.63	1.54

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	72	5,717	1,864	3,262
Private Boat	1,211	119,065	39,532	69,116
Shore	530	48,845	16,249	28,007
Total Durable Equipment Impacts	5,424	659,880	223,308	333,341
Total State Trip and Durable Equipment Economic Impacts	7,237	833,508	280,954	433,725

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	246,850
For-Hire	2,000	1,834	Other Equipment	76,070
Private Boat	28,490	76,529	Boat Expenses	392,265
Shore	23,663	18,722	Vehicle Expenses	56,458
<i>Total Trip Expenditures</i>	<i>54,153</i>	<i>97,085</i>	Second Home Expenses	524
			<i>Total Durable Equipment Expenditures</i>	<i>772,167</i>
Total State Trip and Durable Equipment Expenditures				923,405

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	337	384	510	559	578	463	464	515	496	516
Non-Coastal	73	52	69	137	90	76	89	87	63	56
Out of State	407	288	428	511	364	297	338	305	279	320
Total Anglers	817	724	1007	1206	1033	836	891	907	838	892

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	72	85	71	36	43	59	56	47	46	30
Private	2,255	2,068	2,490	2,563	2,590	2,369	2,352	2,123	1,699	1,782
Shore	927	959	1,104	1,365	1,155	1,083	1,090	876	851	1,086
Total Trips	3,254	3,112	3,665	3,964	3,788	3,511	3,498	3,046	2,596	2,898

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Black seabass	H	134	264	47	34	83	35	37	114	30	19
	R	2,442	1,743	1,247	1,117	1,355	1,270	1,250	1,150	524	445
Cobia	H	3	2	1	17	22	10	5	17	7	4
	R	11	15	6	16	23	3	3	13	9	9
Drum (Atlantic croaker)	H	9,129	6,695	8,259	7,656	7,222	6,946	8,388	5,328	4,745	3,305
	R	7,108	6,544	6,276	8,738	4,193	8,503	7,807	7,620	4,824	4,874
Drum (spot)	H	1,602	1,441	1,718	2,782	3,584	8,203	4,398	2,146	1,670	2,968
	R	482	934	882	2,457	1,371	2,156	1,487	1,458	1,156	2,244
Drum (spotted seatrout)	H	17	102	68	22	43	158	104	22	17	248
	R	137	207	258	191	83	362	367	172	550	1,215
Drum (weakfish) ¹	H	178	87	159	43	43	88	28	15	4	4
	R	888	504	545	356	558	230	426	85	178	288
Red drum	H	50	14	5	3	13	46	20	39	11	(1)
	R	802	43	34	28	186	111	236	179	28	61
Striped bass	H	322	402	392	257	460	237	246	225	74	122
	R	707	970	1,733	1,296	1,656	949	533	359	134	154
Summer flounder	H	772	451	674	683	763	396	260	288	261	317
	R	2,666	2,585	3,698	2,509	2,164	3,024	2,424	3,613	2,420	1,986
Wrasses (tautog)	H	26	76	152	60	105	61	56	60	127	46
	R	37	55	122	76	199	81	34	33	130	36

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
2002	180,501 (2.5%)	2,914,804 (2.6%)	101,693 (2.6%)	173,455 (2.8%)	290,904 (2.8%)	0.5
2010	193,042 (2.6%)	2,998,278 (2.7%)	139,059 (2.8%)	249,258 (2.9%)	419,365 (3.1%)	0.59
% change	6.95%	2.86%	36.7%	43.7%	44.2%	18%

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	35	53	68	65	74	62	74	69	74
	Receipts	1,406	2,370	3,456	3,665	4,916	4,845	5,020	4,039	5,020
Seafood Sales, retail	Firms	94	88	89	80	86	84	80	80	80
	Receipts	8,266	7,193	8,346	8,762	8,027	7,265	8,273	6,603	8,273

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	39	38	42	39	33	30	26	25	23
	Employees	1,035	1,256	1,231	1,336	871	955	490	941	961
	Payroll	35,828	37,386	38,731	39,980	28,530	34,520	11,366	30,600	30,460
Seafood sales, wholesale	Establishments	89	84	86	86	80	83	69	72	76
	Employees	790	742	756	675	605	734	621	519	518
	Payroll	21,591	20,133	22,235	21,864	21,388	25,365	17,667	15,620	17,901
Seafood sales, retail	Establishments	74	61	68	69	75	73	68	62	59
	Employees	259	165	297	286	334	282	251	271	265
	Payroll	3,662	3,146	4,479	4,865	5,348	5,227	5,170	5,401	5,480

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	13	16	13	15	13	15	10	9	7
	Employees	ND ²	591	ND ²	ND ²	ND ²	565	ND ²	ND ²	ND ²
	Payroll	ND ²	26,881	ND ²	ND ²	ND ²	30,704	ND ²	ND ²	ND ²
Deep sea freight transportation	Establishments	23	22	21	24	22	20	18	16	17
	Employees	1,254	1,087	1,124	1,090	1,564	1,611	409	ND ²	421
	Payroll	92,591	87,099	91,978	95,871	141,085	148,502	32,473	19,241	35,917
Deep sea passenger transportation	Establishments	2	2	2	1	1	1	2	2	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Marinas	Establishments	122	136	137	141	131	126	119	118	115
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	992	964	829	868
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	26,186	24,326	24,631	24,182
Marine cargo handling	Establishments	18	19	19	18	17	15	12	12	7
	Employees	ND ²	ND ²	ND ²	1,516	1,110	1,085	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	52,254	51,654	56,696	ND ²	ND ²	41,280
Navigational services to shipping	Establishments	17	15	20	21	17	18	23	25	26
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	216	375	384	411
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	11,700	21,014	22,177	22,910
Port & harbor operations	Establishments	8	8	9	9	10	10	8	6	7
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Ship & boat building	Establishments	62	50	52	50	51	52	59	53	56
	Employees	21,240	20,720	21,022	21,230	21,741	ND ²	ND ²	ND ²	ND ²
	Payroll	963,644	901,156	920,372	938,375	993,066	ND ²	ND ²	ND ²	ND ²

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.²ND = these data are confidential thus not disclosable