

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, one is currently listed as overfished: butterfish. No stocks in this region are currently subject to overfishing. Releases of winter flounder increased 240% 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 111% increase in catch overall in between 2008 and 2009.

Commercial Fisheries

In 2010, commercial fishermen in the Mid-Atlantic Region landed 787 million pounds of finfish and shellfish, earning \$514 million in landings revenue. Landings revenue was dominated by sea scallop (\$184 million) and blue crab (\$138 million). These species commanded ex-vessel prices of \$7.68 and \$1.32 per pound, respectively, and comprised 63% 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

Virginia and New Jersey had the highest landings revenue in the region in 2010, \$199 million and \$178 million, respectively. The next greatest landings revenue came from Maryland with \$96 million in landings revenue. In terms of pounds landed, Virginia had the highest landings (495 million pounds), followed by New Jersey (162 million pounds) and Maryland (98 million pounds).

Economic Impacts¹

In 2010, the Mid-Atlantic Region's seafood industry generated 339 in employment impacts in Delaware, 17,000 in employment impacts in Maryland, 43,000 in employment impacts in New Jersey, 42,000 in employment impacts in New York, and 23,000 in employment impacts in Virginia. New Jersey generated the largest impacts across the three other impact categories, generating \$6.4 billion sales impacts, \$1.4 billion in income, and \$2.3 billion in value added impacts. The smallest income impacts were generated in Delaware (\$8.8 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 3,500 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 \$514 million in 2010. This was a 48% increase (a 14% increase in real terms) from 2001 levels (\$348 million) and a 18% increase (a 13% increase in real terms) relative to 2009 (\$435 million). Totalling \$404 million in 2010, shellfish revenue experienced a 57% increase (a 21% increase in real terms) from 2001 to 2010 and experienced a 19% increase (14% increase in real terms) from 2009 to 2010.

In terms of finfish, Virginia contributed the most (\$53 million), followed by New Jersey (\$23 million), and New York (\$21 million). Shellfish landings revenue was dominated by New Jersey (\$155 million), followed by Virginia (\$146 million), and Maryland (\$83 million).

Sea scallop and blue crab had the highest landings revenue in the Mid-Atlantic Region in 2010. Between 2001 and 2010, the landings revenue from sea scallop increased 145% (a 89% increase in real terms) and the landings revenue for blue crab 95% increase (a 51% increase in real terms).

From 2001 to 2010, species or species groups with large changes in landings revenue include blue crab (increased 95%), eastern oyster (decreased 80%), and summer flounder (increased 78%). Species or species groups with large changes in landings revenue between 2009 and 2010 include eastern oyster (decreasing 81%), squid (increasing 68%), and blue crab (increasing 63%).

Landings

Fishermen in the Mid-Atlantic Region landed 787 million pounds of finfish and shellfish in 2010. This was a 5.8% decrease from the 835 million pounds landed in 2001 but a 13% increase from the 696 million pounds landed in 2009. Finfish landings contributed 73% of total landings in the Mid-Atlantic Region (575 million pounds) in 2010. From 2009 to 2010, finfish landings experienced

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)

a 17% increase. Over the same time period, shellfish landings experienced a 3.7% increase from 205 million pounds in 2009 to 212 million pounds in 2010 and a 4% increase from 204 million pounds in 2001.

Commercial Fisheries Facts

Landings revenue

- On average, between 2001 and 2010, the key species or species groups accounted for 83% of total revenue, generating \$339 million in the Mid-Atlantic Region.
- Sea scallop had higher landings revenues than any other species or species group, averaging \$140 million in landings revenue from 2001 to 2010.
- Atlantic surf clam had the largest one-year increase in landings revenue over the 10 year time period, increasing 366% from \$5.7 million in 2008 to \$26 million in 2009.
- Atlantic surf clam had the largest one-year decrease in landings revenue over the 10 year time period, decreasing 83% from \$32 million in 2007 to \$5.7 million in 2008.

Landings

- Key species or species groups contributed an average of 83% annually to total landings between 2001 and 2010.
- Menhaden, contributed the most to landings in the region, averaging 428 million pounds from 2001 to 2010.
- Atlantic surf clam had the largest one-year increase in landings over the 10 year time period, increasing 376% from 8.8 million in 2008 pounds to 42 million pounds in 2009.
- Atlantic surf clam had the largest one-year decrease in landings over the 10 year time period, decreasing 84% from 54 million pounds in 2007 to 8.8 million pounds in 2008.

Prices

- Quahog clam had the highest average annual ex-vessel price per pound (\$7.24) over the time period, followed by Eastern oyster (\$6.69), and sea scallop (\$5.71).
- Menhaden had the lowest average annual ex-vessel price per pound (\$0.06) over the time period, followed by Atlantic surf clam (\$0.58), and squid (\$0.63).
- Squid had the largest one-year increase in ex-vessel price over the 10 year time period, increasing 126% from \$0.38 per pound in 2008 to \$0.86 in 2009.
- Squid had the largest decrease in ex-vessel price over the 10 year time period, decreasing 56% from \$0.86 per pound in 2007 to \$0.38 in 2008.

Menhaden and blue crab had the highest annual landings in the Mid-Atlantic Region in 2010, with 498 million pounds and 105 million pounds, respectively. Together they accounted for 77% of the total landings in 2010. Menhaden landings decreased 3.9% and blue crab landings increased 72% from 2001 to 2010.

From 2001 to 2010, species or species groups with large changes

in landings include eastern oyster (decreasing 89%), squid (increasing 73%), and blue crab (increasing 72%). Species or species groups with large changes in landings between 2009 and 2010 include squid (increasing 223%), eastern oyster (decreasing 77%), and quahog clam (decreasing 51%).

Prices

The ex-vessel prices for the Mid-Atlantic Region's key species and species groups in 2010 were higher than their 10 year average for eight of the key species (four of the species in real terms). Ex-vessel prices for quahog clam and sea scallop experienced the biggest increases between 2001 and 2010, increasing 178% (116% in real terms) and 120% (67% in real terms), respectively. Relative to the ex-vessel prices in 2009, the Mid-Atlantic Region's quahog clam experienced the greatest increase (116%, 107% in real terms) from \$7.62 in 2009 to \$16.43 in 2010. Of the changes in ex-vessel price experienced by species or species groups between 2009 and 2010, squid experienced the greatest decrease (47.7%, 49.8% in real terms) from \$0.86 to \$0.45. Relative to ex-vessel prices in 2009, eight species or species groups experienced increases, including quahog clam (116%), and sea scallop (22%).

In Delaware, the species or species group with the largest change in ex-vessel price from 2001 to 2010 was american eel (188% increase, 123% increase in real terms) from \$1.04 to \$3.00. The largest change in ex-vessel price experienced in Maryland was for Atlantic croaker (170% increase, 109% increase in real terms from \$0.3 to \$0.81 and in New Jersey the largest change in ex-vessel price was experienced by atlantic mackerel (157% increase, 99% increase in real terms from \$0.07 to \$0.18).

Recreational Fishing

In 2010, over 2.8 million recreational anglers took 17 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, 56% of them were taken from a private or rental boat and another 39% were shore-based. Summer flounder were the most frequently caught species or species group with 23 million fish caught in 2010, and represented 34% of total fish caught in the region. Of the summer flounder caught, 95% of them were released rather than harvested.

Economic Impacts and Expenditures¹

The contribution of recreational fishing activities in 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 9,100 full- and part-time jobs generated by recreational fishing activities in the state. Maryland (6,800 jobs), and Virginia (4,600 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

¹Expenditures and economic impacts from recreational fishing activities were generated using the NMFS Recreational Economic Impact Model (see Marine Angler Expenditures in the United States, 2006, available at: http://www.st.nmfs.noaa.gov/st5/publication/AnglerExpenditureReport/AnglerExpendituresReport_ALL.pdf)

expenditures on durable equipment. Throughout the Mid-Atlantic Region, most of the employment impacts in 2010 were generated by expenditures on durable equipment: 69% in New York, 67% in New Jersey, and 64% 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 2010, sales impacts were the highest in New Jersey (\$1.5 billion in sales impacts), followed by Maryland (\$915 million), New York (\$668 million), Virginia (\$517 million), and Delaware (\$200 million). In the same year, value added impacts were the highest in New Jersey (\$781 million in value added impacts), followed by Maryland (\$466 million), New York (\$350 million), Virginia (\$273 million), and Delaware (\$91 million).

Overall, total fishing trip and durable equipment expenditures across the Mid-Atlantic Region in 2010 were \$3.7 billion. Approximately 77% of these expenditures were generated by durable equipment purchases. The greatest expenditures were for vehicle expenses (\$1 billion), followed by fishing tackle (\$836 million), boat expenses (\$534 million), other equipment (\$230 million), and second home expenses (\$211 million). Fishing trip-related expenditures by the Mid-Atlantic Region's non-residents totaled over \$325 million of which the greatest portion can be attributed to shore-based fishing trips (\$158 million). Residents of the Mid-Atlantic Region spent \$504 million on saltwater fishing trips, with the most of these expenses generated by private boat trips (\$313 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 2.8 million recreational anglers who fished in the Mid-Atlantic Region in 2010. This was a 12% increase from 2001 (2.5 million anglers). These anglers were Mid-Atlantic Region residents from either a coastal county (2.6 million anglers) or non-coastal county (178,000 anglers). over 94% of total anglers in 2010 were residents of a coastal county. Coastal county angler participation in 2010 increased 13% relative to 2001 (2.3 million anglers) and increased 6.6% between 2009 and 2010. Non-coastal county angler participation decreased 6.6% relative to 2001 (190,000 anglers) and decreased 5% relative to 2009 (187,000 anglers).

Fishing Trips

Recreational fishermen took 17 million fishing trips in the Mid-Atlantic Region in 2010. This was a 20% decrease from the 2001 (21 million trips) and was 110,000 fewer trips than taken in 2009. Of the total trips taken in the Mid-Atlantic Region in 2010,

approximately 56% of the trips were private or rental boat-based (9.5 million trips). The other most popular mode of fishing was shore based with 6.6 million trips in 2010.

Recreational Fishing Facts

Participation

- An average of 2.7 million anglers fished in the Mid-Atlantic Region annually from 2001 to 2010.
- In 2010, 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 2001 and 2002, decreasing 28%, from 2.3 million anglers to 1.6 million anglers.

Fishing trips

- In the Mid-Atlantic Region, an average of 20 million fishing trips were taken annually from 2001 to 2010.
- Private or rental boat and shore-based fishing trips accounted for 9.5 million and 6.6 million fishing trips, respectively, in 2010. Together these made up 95% 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 2001 and 2002, decreasing 22%, from 21 million trips to 17 million trips.

Harvest and release

- Summer flounder was the most commonly caught key species or species group, averaging 21 million fish over the 10 year time period. Of these, 86% 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 (86% released).
- Spot (67% harvested), followed by winter flounder (61% harvested), and Atlantic croaker (49% harvested) were key species or groups that experienced the greatest proportion of harvests rather than releases.
- The largest one-year change in the number of fish released was for releases of winter flounder, which increased 240% between 2008 and 2009
- the largest one-year change in number of fish harvested occurred in scup, which increased 344% from 2002 to 2003.

Harvest and Release

Of the Mid-Atlantic Region's key species and species groups, summer flounder (23 million fish), Atlantic croaker (12 million fish), black seabass (7.5 million fish) and spot (6.4 million

fish) were the most often caught by anglers in 2010. Weakfish drum (96% released), summer flounder (95% released), black seabass (84% released), tautog (78% released), striped bass (70% released), winter flounder (66% released), bluefish (60% released), scup (51% released), and Atlantic croaker (50% released) were more often released rather than harvested. The only species harvested more often than released was spot (59% harvested).

At the state level, summer flounder was the most often caught key species or species group in the Mid-Atlantic Region with 23 million fish caught, region-wide. Most of these fish were caught in New Jersey, New York, and Delaware with 11 million, 6.3 million, and 845,000 fish, respectively. The most frequently caught fish in Maryland was white perch with 4.4 million fish and Atlantic croaker was the most commonly caught fish in Virginia (9.4 million) in 2010.

Between 2001 and 2010, seven 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 (91%), winter flounder (90%), and Atlantic croaker (47%).

Marine Economy¹

The sum of the gross domestic products by state for Delaware, Maryland, New Jersey, New York, and Virginia was \$2.3 trillion in 2010. Employee compensation totaled \$1.3 trillion and annual payroll totaled \$828 billion. These economic measures increased 32% (a 6.1% increase in real terms) and 20% (a 3.1% decrease in real terms), respectively between 2001 and 2009; and experienced a 3.1% decrease (a 2.7% decrease in real terms), and 6.1% decrease (a 5.8% decrease in real terms), respectively between 2008 and 2009. Approximately 1.1 million establishments employed 16 million full- and part-time employees across the region in 2009. This was a 4% increase in establishment numbers and a 0.9% decrease in employee numbers from 2001 to 2009.

In 2009, the commercial fishing location quotient (CFLQ) for New Jersey was the highest in the region at 1.11. This was an 5.1% decrease from 2001 and a 23% increase from 2008. New Jersey's CFLQ suggests that the level of employment in commercial fishing-related industries in this state is approximately 1.1 times higher than the level of employment in these industries nationwide. The CFLQ 2009 in Virginia was 0.54 (a 42% increase from 2001).

Seafood Sales and Processing

In 2009, information about the number of firms engaged in seafood product preparation and their annual receipts was not available. The number of employer establishments engaged

in seafood product preparation and packaging decreased 25% from 108 in 2001 to 73 in 2009. 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 469 seafood wholesale establishments in 2009. The number of employees was not available at the region level. From 2001 to 2009, the number of seafood wholesale establishments decreased 23% across the Mid-Atlantic Region.

Nonemployer firms engaged in seafood retail in the Mid-Atlantic Region totaled 453 in 2009, a 10% decrease relative to 2001. Of these firms, 20% were located in Maryland. At the state level, these firms showed a 6.9% decrease in New Jersey and decreased 10% in Virginia between 2001 and 2009. Annual receipts in the region totaled \$45 million in 2009.

Employer establishments engaged in seafood retail decreased 5.8% from 2001 to 2009, totaling 657 in 2009. These establishments employed NA workers in 2008. In the Mid-Atlantic Region, annual payroll for seafood retail increased 22% from \$49 million in 2002 to \$59 million in 2009.

Transport, Support, and Marine Operations

For industries where data were available, navigational services to shipping employed more people than any other industry in this sector, employing approximately 991 people in 2009. In contrast, the marinas industry had the highest annual payroll in the region totaling \$204 million. Marinas had the highest number of establishments (942), followed by the ship and boat building industries with 165 establishments and the navigational services to shipping industries with 100 establishments.

In Maryland, industries with large changes in establishment numbers, employees, or annual payroll from 2008 to 2009 were: ship and boat building (39% decrease in employees), deep sea passenger transportation (33% decrease in establishments), port and harbor operations (33% increase in establishments) and ship and boat building (27% decrease in establishments). In New Jersey, large changes were seen for port and harbor operations (62% decrease in employees), port and harbor operations (55% decrease in payroll), deep sea passenger transportation (50% increase in establishments) and ship and boat building (46% decrease in payroll). In New York, large changes were seen in the deep sea passenger transportation (60% decrease in payroll), deep sea passenger transportation (33% increase in establishments), port and harbor operations (33% increase in establishments) and coastal and Great Lakes freight transportation (31% increase in employees).

¹Information for 2009 is reported in this section; 2010 data were not available for this report.

2010 Economic Impacts of the Mid-Atlantic Region Seafood Industry (thousands of dollars)

	Landings Revenue	Jobs	Sales	Income	Valued Added
Delaware	6,966	339	43,122	8,812	14,450
Maryland	95,962	17,283	1,835,366	462,008	712,947
New Jersey	177,936	42,506	6,425,332	1,448,018	2,344,918
New York	33,824	41,794	5,090,068	1,085,227	1,797,704
Virginia	198,840	22,987	1,900,724	555,845	817,273

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	348,231	342,397	357,210	407,276	440,084	362,198	416,866	457,517	434,763	513,720
Finfish & other	90,643	84,091	87,702	87,648	101,538	95,508	103,724	91,340	95,408	110,011
Shellfish	257,589	258,306	269,508	319,628	338,547	266,689	313,141	366,176	339,355	403,709
American lobster	9,828	6,273	5,569	5,656	6,696	9,116	7,695	8,876	5,028	4,210
Atlantic surf clam	34,211	34,692	35,366	26,760	27,084	29,580	32,479	5,670	26,426	17,719
Blue crab	70,871	61,660	60,799	69,364	71,073	55,638	69,122	82,861	84,826	138,233
Eastern oyster	8,587	9,814	8,903	5,663	6,703	6,485	10,301	11,064	8,974	1,680
Menhaden	27,783	24,123	24,352	25,570	28,188	24,466	29,918	22,229	27,590	40,398
Quahog clam	22,744	16,935	20,160	19,918	20,773	20,229	21,176	37,443	24,685	26,196
Sea scallop	75,275	91,237	111,969	160,665	181,327	120,142	147,052	165,919	161,775	184,105
Squid	9,904	9,287	6,497	14,278	9,163	7,729	7,446	11,865	7,161	12,033
Striped Bass	8,616	8,215	9,751	7,633	11,335	9,947	10,851	10,305	10,499	11,499
Summer flounder	7,078	8,700	10,678	13,244	13,615	12,364	10,319	9,825	10,281	12,572

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	835,425	702,234	710,738	757,107	708,741	667,307	741,428	682,448	695,636	786,951
Finfish & other	631,288	496,430	514,804	529,453	517,898	488,011	556,640	481,817	490,952	574,689
Shellfish	204,137	205,804	195,934	227,654	190,843	179,296	184,788	200,631	204,684	212,262
American lobster	2,633	1,705	1,181	1,394	1,585	1,772	1,397	1,877	1,286	994
Atlantic surf clam	60,421	62,134	64,601	50,984	50,921	50,556	53,952	8,753	41,692	27,662
Blue crab	61,045	63,076	56,047	68,979	70,983	61,873	59,164	63,133	77,404	104,779
Eastern oyster	2,217	1,713	1,493	859	1,202	984	1,194	1,384	1,023	234
Menhaden	518,487	394,606	398,744	421,309	412,672	400,784	471,641	363,233	395,643	498,252
Quahog clam	3,857	2,318	3,311	3,537	3,735	3,728	4,085	5,185	3,239	1,594
Sea scallop	21,160	24,887	28,213	33,381	24,526	18,279	22,918	24,507	25,639	23,975
Squid	15,465	15,187	10,462	41,586	12,260	9,746	8,608	31,263	8,314	26,826
Striped Bass	4,930	4,591	5,273	3,927	5,706	4,746	5,396	5,512	5,860	5,334
Summer flounder	5,164	6,433	7,315	8,400	8,360	6,609	4,502	4,336	5,258	6,236

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American lobster	3.73	3.68	4.71	4.06	4.22	5.15	5.51	4.73	3.91	4.23
Atlantic surf clam	0.57	0.56	0.55	0.52	0.53	0.59	0.60	0.65	0.63	0.64
Blue crab	1.16	0.98	1.08	1.01	1.00	0.90	1.17	1.31	1.10	1.32
Eastern oyster	3.87	5.73	5.96	6.59	5.58	6.59	8.63	7.99	8.78	7.17
Menhaden	0.05	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.08
Quahog clam	5.90	7.31	6.09	5.63	5.56	5.43	5.18	7.22	7.62	16.43
Sea scallop	3.56	3.67	3.97	4.81	7.39	6.57	6.42	6.77	6.31	7.68
Squid	0.64	0.61	0.62	0.34	0.75	0.79	0.86	0.38	0.86	0.45
Striped Bass	1.75	1.79	1.85	1.94	1.99	2.10	2.01	1.87	1.79	2.16
Summer flounder	1.37	1.35	1.46	1.58	1.63	1.87	2.29	2.27	1.96	2.02

2010 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Income	Value Added
Delaware	846,107	1,286	199,775	59,794	91,109
Maryland	3,035,646	6,793	914,851	305,213	465,504
New Jersey	5,988,115	9,089	1,518,517	493,840	780,671
New York	4,469,890	4,459	667,852	227,223	350,163
Virginia	2,625,755	4,602	516,718	173,813	272,745

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	836,028
For-Hire	38,616	55,636	Other Equipment	229,791
Private Boat	128,726	312,713	Boat Expenses	534,312
Shore	158,069	135,303	Vehicle Expenses	1,037,793
<i>Total Trip Expenditures</i>	325,409	503,652	Second Home Expenses	210,760
			<i>Total Durable Equipment Expenditures</i>	2,848,684
Total State Trip and Durable Equipment Expenditures				3,677,745

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	2,290	1,643	2,229	2,363	3,002	2,876	3,234	2,823	2,437	2,598
Non-Coastal	190	139	144	157	252	224	212	197	187	178
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	2,480	1,783	2,372	2,520	3,254	3,100	3,446	3,020	2,623	2,776

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	1,323	1,024	1,182	1,323	1,152	1,339	1,399	940	1,100	870
Private Boat	11,982	9,551	11,286	11,084	11,730	12,123	12,551	11,710	9,759	9,477
Shore	7,901	6,071	7,383	6,327	7,935	7,895	8,768	7,949	6,217	6,619
Total Trips	21,206	16,646	19,852	18,734	20,817	21,357	22,718	20,599	17,076	16,966

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Black seabass	H	2,636	3,057	3,033	1,590	1,060	1,317	1,515	817	1,246	1,239
	R	10,519	10,328	8,381	5,668	5,405	5,966	7,534	8,981	6,570	6,307
Bluefish	H	3,227	2,518	3,193	4,274	5,176	4,037	4,556	3,837	2,449	2,414
	R	6,519	4,579	4,196	5,793	7,121	5,513	7,736	7,187	4,252	3,693
Drum (Atlantic croaker)	H	12,145	10,868	9,349	9,830	10,790	9,464	9,602	8,039	6,752	5,842
	R	9,811	10,361	9,425	7,928	11,136	8,059	12,331	11,522	8,302	5,850
Drum (spot)	H	2,196	2,314	4,772	3,725	5,245	6,347	10,694	7,724	5,468	3,785
	R	1,562	1,016	1,657	1,591	4,163	2,587	3,933	4,879	2,258	2,656
Porgies (scup)	H	2,058	1,187	5,271	1,713	821	1,528	1,715	1,753	1,595	2,417
	R	1,983	1,551	2,379	2,857	1,839	3,145	2,296	3,861	2,480	2,487
Striped bass	H	1,475	1,252	1,662	1,574	1,503	1,994	1,512	1,432	1,364	1,372
	R	5,464	5,053	7,802	8,474	8,009	9,511	7,114	4,838	3,367	3,251
Summer flounder	H	4,393	2,633	3,922	3,598	3,303	3,393	2,792	1,768	1,691	1,223
	R	21,881	11,852	14,902	15,235	21,311	15,419	18,489	20,260	22,294	21,614
Weakfish drum	H	1,315	918	308	331	1,125	497	276	336	37	14
	R	2,732	1,689	1,363	1,387	1,906	1,877	1,079	1,687	170	345
Winter flounder	H	795	362	541	331	196	248	209	75	107	41
	R	475	266	183	85	264	288	57	40	137	81
Wrasses (tautog)	H	617	1,231	384	832	376	721	808	630	698	754
	R	1,694	2,534	1,010	1,648	1,221	2,239	2,472	2,057	2,015	2,643

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

2010 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	43,122	14,450	301	34,115	11,587
Commercial Harvesters	148	12,764	4,113	148	12,764	4,113
Seafood Processors & Dealers	29	5,085	1,720	28	4,942	1,672
Importers	28	7,638	2,328	0	0	0
Seafood Wholesalers & Distributors	23	3,108	1,409	19	2,496	1,132
Retail	112	14,527	4,880	107	13,913	4,672

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	7,660	6,067	5,204	5,419	6,113	5,677	7,266	6,390	7,536	6,966
Finfish & other	1,080	986	1,465	1,258	1,273	1,315	642	635	1,061	1,077
Shellfish	6,580	5,081	3,739	4,161	4,840	4,361	6,624	5,755	6,475	5,890
American eel	126	118	230	169	100	275	133	190	134	206
Black sea bass	42	21	181	181	157	190	185	141	144	189
Blue crab	5,140	3,511	1,899	2,839	3,429	2,961	5,329	4,605	5,435	5,147
Eastern oyster	172	478	305	361	485	459	490	410	334	357
Quahog clam	233	392	435	175	220	193	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	ND ¹	ND ¹	ND ¹	12	102	121	ND ¹	256	173	ND ¹
Spot	51	8	46	38	98	53	43	0	54	ND ¹
Striped bass	365	336	479	497	494	501	137	52	356	398
Weakfish	133	176	83	61	82	55	22	11	6	ND ¹
Whelks	1,015	694	1,079	690	562	601	ND ¹	312	ND ¹	ND ¹

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	7,140	5,857	5,018	4,288	4,851	4,369	4,881	4,371	5,010	4,718
Finfish & other	2,078	1,933	2,264	1,349	1,470	1,144	640	527	1,154	892
Shellfish	5,062	3,925	2,754	2,938	3,381	3,224	4,240	3,844	3,856	3,826
American eel	121	90	156	142	110	120	59	80	60	69
Black sea bass	25	12	98	84	73	87	63	51	50	80
Blue crab	4,085	3,062	1,792	2,276	2,924	2,856	3,799	3,508	3,414	3,596
Eastern oyster	78	133	76	79	84	75	80	67	67	62
Quahog clam	64	134	141	54	69	60	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	ND ¹	ND ¹	ND ¹	2	13	20	ND ¹	38	25	ND ¹
Spot	78	14	77	59	155	57	67	0	71	ND ¹
Striped bass	199	146	191	176	174	182	49	22	193	185
Weakfish	188	173	91	51	71	33	13	5	3	ND ¹
Whelks	828	590	729	491	276	203	ND ¹	203	ND ¹	ND ¹

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American eel	1.04	1.31	1.48	1.19	0.91	2.28	2.24	2.38	2.24	3.00
Black sea bass	1.66	1.69	1.86	2.17	2.15	2.18	2.92	2.76	2.87	2.37
Blue crab	1.26	1.15	1.06	1.25	1.17	1.04	1.40	1.31	1.59	1.43
Eastern oyster	2.21	3.60	4.00	4.57	5.76	6.10	6.14	6.09	4.97	5.75
Quahog clam	3.67	2.92	3.09	3.26	3.18	3.22	ND ¹	ND ¹	ND ¹	ND ¹
Sea scallop	ND ¹	ND ¹	ND ¹	5.18	8.08	6.19	ND ¹	6.81	6.80	ND ¹
Spot	0.66	0.59	0.60	0.65	0.63	0.92	0.65	0.70	0.76	ND ¹
Striped bass	1.84	2.30	2.50	2.82	2.84	2.75	2.82	2.39	1.84	2.15
Weakfish	0.71	1.02	0.91	1.18	1.16	1.64	1.68	1.96	1.88	ND ¹
Whelks	1.23	1.18	1.48	1.41	2.04	2.96	ND ¹	1.54	ND ¹	ND ¹

¹ND = these data are confidential thus not disclosable

2010 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	33	3,109	1,012	1,777
Private Boat	212	24,950	7,205	12,438
Shore	347	33,349	10,506	17,711
Total Durable Equipment Impacts	695	138,367	41,071	59,183
Total State Trip and Durable Equipment Economic Impacts	1,286	199,775	59,794	91,109

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	36,515
For-Hire	1,599	651	Other Equipment	11,161
Private Boat	12,230	9,878	Boat Expenses	10,281
Shore	22,696	6,809	Vehicle Expenses	103,252
<i>Total Trip Expenditures</i>	<i>36,525</i>	<i>17,338</i>	Second Home Expenses	6,625
			<i>Total Durable Equipment Expenditures</i>	<i>167,833</i>
Total State Trip and Durable Equipment Expenditures				221,696

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	107	89	127	116	120	137	150	134	114	128
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	226	177	199	243	191	205	224	182	173	165
Total Anglers	333	266	326	359	311	342	374	315	287	293

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	71	63	38	65	48	42	53	46	43	20
Private	672	535	552	679	568	671	731	553	498	415
Shore	436	429	514	434	459	465	512	468	379	411
Total Trips	1,180	1,028	1,104	1,177	1,074	1,179	1,296	1,067	920	846

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic mackerel	H	23	6	(1)	7	(1)	(1)	(1)	(1)	(1)	(1)
	R	1	1	(1)	(1)	(1)	(1)	(1)	(1)	2	(1)
Black seabass	H	203	607	307	106	62	128	76	25	50	22
	R	1,003	1,233	832	448	250	460	544	477	330	252
Bluefish	H	102	117	89	136	152	96	172	82	122	55
	R	221	435	120	322	217	322	479	246	207	100
Drum (Atlantic croaker)	H	312	262	341	494	934	863	401	349	427	118
	R	285	361	655	483	761	1,034	618	609	516	182
Drum (weakfish) ³	H	72	122	20	7	19	11	4	4	5	(1)
	R	227	101	39	79	111	121	19	61	5	17
Striped bass	H	41	29	30	25	20	19	10	17	22	15
	R	163	115	169	151	225	246	251	261	153	79
Summer flounder	H	146	107	106	124	91	110	118	33	92	72
	R	1,051	498	415	850	841	534	1,096	722	978	773
White perch	H	44	40	30	63	43	65	27	55	52	94
	R	117	72	134	187	116	147	143	162	81	244
Wrasses (tautog)	H	51	186	63	143	72	117	89	122	117	63
	R	209	412	167	263	251	216	267	206	180	223
Yellowfin tuna	H	16	10	2	1	3	2	(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
2001	24,074 (0.34%)	389,376 (0.34%)	15,022 (0.38%)	19,762 (0.43%)	43,903 (0.33%)	ND ²
2009	24,523 (0.33%)	370,846 (0.32%)	16,777 (0.35%)	25,079 (0.43%)	60,660 (0.32%)	²
% change	1.87%	-4.76%	11.7%	26.9%	38.2%	--

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	0	0	0	0	3	3	0	3	NA ³
	Receipts	ND ²	ND ²	ND ²	ND ²	64	214	ND ²	27	NA ³
Seafood Sales, retail	Firms	5	5	7	9	12	9	12	9	9
	Receipts	214	435	959	803	1,523	835	1,025	418	664

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
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	5	7	5	2	3	3	3	6	7
	Employees	ND ²	65	ND ²	ND ²	ND ²	9	ND ²	ND ²	ND ²
	Payroll	ND ²	2,279	ND ²	ND ²	ND ²	337	ND ²	ND ²	ND ²
Seafood sales, retail	Establishments	12	15	18	16	14	17	19	18	16
	Employees	65	94	ND ²	144	138	135	105	ND ²	50
	Payroll	1,243	1,779	ND ²	3,363	3,264	3,133	2,997	1,498	1,348

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	4	8	5	3	3	3	3	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
Deep sea freight transportation	Establishments	3	2	2	1	1	NA ³	NA ³	4	4
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	NA ³	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	NA ³	ND ²	ND ²
Deep sea passenger transportation	Establishments	1	1	NA ³	NA ³	1	NA ³	NA ³	NA ³	NA ³
	Employees	ND ²	ND ²	NA ³	NA ³	ND ²	NA ³	NA ³	NA ³	NA ³
	Payroll	ND ²	ND ²	NA ³	NA ³	ND ²	NA ³	NA ³	NA ³	NA ³
Marinas	Establishments	12	13	17	17	16	18	17	19	16
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	88	65	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	2,540	1,738	1,877
Marine cargo handling	Establishments	5	6	5	5	4	4	3	3	3
	Employees	257	199	513	ND ²	ND ²	597	527	629	ND ²
	Payroll	4,482	14,718	14,879	ND ²	ND ²	18,812	19,027	19,204	16,952
Navigational services to shipping	Establishments	10	10	10	9	9	8	8	9	8
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	75	76	79	85
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	4,783	4,961	5,360	5,672
Port & harbor operations	Establishments	NA ³	NA ³	1	2	2	3	2	2	2
	Employees	NA ³	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	NA ³	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Ship & boat building	Establishments	3	1	1	1	1	1	1	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

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 disclosable³NA = these data are not available

2010 Economic Impacts of the Maryland Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	17,283	1,835,366	712,947	8,857	460,760	231,013
Commercial Harvesters	3,537	169,318	75,283	3,537	169,318	75,283
Seafood Processors & Dealers	1,990	175,419	87,291	803	70,819	35,241
Importers	3,883	1,068,259	325,652	0	0	0
Seafood Wholesalers & Distributors	885	116,075	52,391	254	33,293	15,027
Retail	6,988	306,295	172,330	4,264	187,330	105,463

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	55,591	49,013	49,038	49,200	63,754	53,579	65,609	73,434	76,057	95,962
Finfish & other	8,574	8,135	8,095	4,670	10,766	9,896	12,410	11,300	11,957	12,685
Shellfish	47,017	40,878	40,943	44,530	52,988	43,684	53,199	62,134	64,100	83,277
Atlantic croaker	676	512	576	751	543	440	389	498	444	492
Black sea bass	244	436	555	573	724	811	ND ¹	ND ¹	421	586
Blue crab	34,681	30,338	34,532	39,104	39,962	31,141	41,700	50,115	52,020	74,708
Clams or bivalves	8,073	8,002	5,170	4,654	4,784	4,889	5,074	5,436	4,403	ND ¹
Eastern oyster	3,789	2,172	706	181	3,435	1,238	3,146	2,277	3,849	1,322
Menhaden	382	423	337	232	1,514	609	1,379	921	909	727
Sea scallop	108	96	ND ¹	417	4,549	6,200	2,809	3,758	3,160	1,187
Striped bass	3,418	3,759	3,916	1,549	4,259	4,591	5,333	5,232	5,181	5,423
Summer flounder	ND ¹	ND ¹	527	444	677	549	ND ¹	703	876	540
White perch	801	559	556	347	848	568	619	776	943	1,128

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	55,539	53,185	49,350	49,509	67,489	51,226	61,813	63,692	68,313	97,724
Finfish & other	16,089	15,275	13,468	8,055	25,000	12,719	21,785	18,773	20,420	26,808
Shellfish	39,450	37,909	35,882	41,454	42,489	38,507	40,028	44,919	47,893	70,916
Atlantic croaker	2,233	1,513	1,532	1,801	1,389	877	655	872	597	610
Black sea bass	150	280	313	284	337	350	ND ¹	ND ¹	119	203
Blue crab	25,933	26,481	27,816	33,826	34,914	29,446	30,784	34,872	40,284	62,905
Clams or bivalves	11,911	10,663	7,527	7,270	6,112	7,756	7,947	8,600	6,292	ND ¹
Eastern oyster	1,274	567	159	43	738	274	317	249	498	172
Menhaden	4,619	4,850	4,232	3,336	15,806	5,263	13,752	9,660	9,562	15,433
Sea scallop	28	27	ND ¹	94	591	931	450	569	521	153
Striped bass	2,049	2,085	2,193	885	2,349	2,485	2,640	2,655	2,813	2,507
Summer flounder	ND ¹	ND ¹	329	262	338	248	ND ¹	282	329	261
White perch	1,947	1,583	1,477	453	1,524	688	973	858	1,301	1,676

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic croaker	0.30	0.34	0.38	0.42	0.39	0.50	0.59	0.57	0.74	0.81
Black sea bass	1.62	1.56	1.77	2.02	2.15	2.31	ND ¹	ND ¹	3.54	2.89
Blue crab	1.34	1.15	1.24	1.16	1.14	1.06	1.35	1.44	1.29	1.19
Clams or bivalves	0.68	0.75	0.69	0.64	0.78	0.63	0.64	0.63	0.70	ND ¹
Eastern oyster	2.97	3.83	4.45	4.23	4.66	4.52	9.92	9.13	7.73	7.69
Menhaden	0.08	0.09	0.08	0.07	0.10	0.12	0.10	0.10	0.10	0.05
Sea scallop	3.81	3.52	ND ¹	4.44	7.70	6.66	6.25	6.60	6.06	7.76
Striped bass	1.67	1.80	1.79	1.75	1.81	1.85	2.02	1.97	1.84	2.16
Summer flounder	ND ¹	ND ¹	1.60	1.69	2.01	2.22	ND ¹	2.49	2.66	2.07
White perch	0.41	0.35	0.38	0.77	0.56	0.83	0.64	0.90	0.72	0.67

¹ND = these data are confidential thus not disclosable

2010 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	303	26,294	8,928	15,457
Private Boat	609	65,651	22,931	40,029
Shore	1,520	140,725	49,086	83,005
Total Durable Equipment Impacts	4,361	682,182	224,268	327,014
Total State Trip and Durable Equipment Economic Impacts	6,793	914,851	305,213	465,504

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	177,782
For-Hire	7,804	9,933	Other Equipment	43,381
Private Boat	21,418	41,743	Boat Expenses	82,650
Shore	93,213	24,023	Vehicle Expenses	355,791
<i>Total Trip Expenditures</i>	<i>122,434</i>	<i>75,699</i>	Second Home Expenses	85,108
			<i>Total Durable Equipment Expenditures</i>	<i>744,713</i>
Total State Trip and Durable Equipment Expenditures				942,846

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	565	430	526	442	620	733	850	643	514	552
Non-Coastal	50	41	53	39	49	84	78	50	43	54
Out of State	426	330	418	333	425	447	528	507	327	462
Total Anglers	1041	801	997	815	1095	1264	1456	1200	884	1068

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	174	182	187	264	181	235	219	142	205	142
Private	2,340	1,596	2,033	1,499	1,933	1,980	2,440	1,965	1,598	1,667
Shore	1,275	1,059	1,110	881	1,066	1,374	1,387	1,286	1,008	1,227
Total Trips	3,790	2,837	3,330	2,645	3,180	3,589	4,045	3,393	2,811	3,036

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Black seabass	H	119	337	241	158	81	104	53	34	30	42
	R	2,324	925	773	618	784	799	1,331	1,128	462	915
Bluefish	H	429	199	214	373	240	509	705	660	335	301
	R	1,074	577	518	683	344	850	1,381	1,855	494	158
Drum (Atlantic croaker)	H	1,320	1,223	1,620	871	810	833	1,093	689	1,038	814
	R	1,586	2,523	1,393	819	951	1,792	1,631	2,069	780	925
Drum (spot)	H	1,089	691	3,301	1,375	2,007	2,645	3,843	2,297	2,171	995
	R	577	501	670	577	2,186	1,467	1,422	2,040	784	1,023
Drum (weakfish) ²	H	303	100	41	30	22	(1)	10	3	2	3
	R	737	286	181	132	55	57	106	30	7	104
Striped bass	H	383	282	525	380	490	649	679	442	530	469
	R	2,890	2,929	4,653	3,739	3,753	3,896	2,998	1,406	1,218	1,446
Summer flounder	H	139	69	41	66	85	58	157	90	90	39
	R	1,245	383	373	952	433	511	1,626	1,306	1,029	1,630
White perch	H	565	1,156	2,020	1,441	2,436	2,558	2,990	1,418	727	2,147
	R	1,583	1,754	3,698	3,035	5,394	4,331	5,101	3,557	1,141	2,239
Wrasses (tautog)	H	24	42	14	14	40	14	107	24	45	85
	R	138	295	96	36	255	211	390	335	168	532
Yellowfin tuna	H	26	18	26	4	11	21	7	(1)	7	2
	R	2	(1)	(1)	(1)	2	(1)	1	(1)	2	(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
2001	129,301 (1.8%)	2,091,198 (1.8%)	74,187 (1.9%)	121,916 (1.9%)	195,641 (2%)	0.74
2009	135,633 (1.8%)	2,122,388 (1.9%)	96,621 (2%)	171,299 (2%)	285,116 (2.2%)	0.44
% change	4.9%	1.49%	30.2%	40.5%	45.7%	-37.8%

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	25	50	47	51	57	55	56	56	41
	Receipts	1,997	3,199	2,487	2,301	2,727	2,751	3,940	3,310	2,106
Seafood Sales, retail	Firms	62	79	78	70	78	73	99	84	91
	Receipts	5,904	8,629	6,771	10,100	6,976	7,755	10,493	9,010	8,593

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	26	24	23	23	23	19	22	22	19
	Employees	889	807	762	895	1,141	1,053	1,296	1,003	245
	Payroll	23,686	20,618	20,399	23,039	24,986	28,852	32,386	39,328	13,049
Seafood sales, wholesale	Establishments	94	77	63	58	59	59	62	60	61
	Employees	913	870	686	733	709	694	978	851	777
	Payroll	28,847	33,072	27,934	29,813	30,148	32,943	50,353	42,296	39,055
Seafood sales, retail	Establishments	78	88	97	96	95	97	102	94	87
	Employees	475	488	459	579	576	617	613	590	485
	Payroll	8,853	10,033	10,634	12,328	13,019	14,190	14,777	11,510	11,499

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	10	8	9	11	10	10	8	6	7
	Employees	178	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	7,969	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Deep sea freight transportation	Establishments	12	14	16	15	16	14	14	13	15
	Employees	ND ²	123	ND ²	281	316	ND ²	244	250	255
	Payroll	ND ²	9,216	ND ²	18,983	14,131	ND ²	14,905	19,765	20,722
Deep sea passenger transportation	Establishments	1	4	3	2	1	1	1	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	185	188	180	183	185	179	183	179	176
	Employees	1,240	1,232	1,296	1,321	1,228	1,260	1,326	1,383	1,289
	Payroll	32,088	33,621	34,024	36,598	36,590	40,866	48,752	45,965	45,483
Marine cargo handling	Establishments	15	16	14	11	12	13	15	15	16
	Employees	1,505	1,487	1,862	1,725	1,639	1,659	1,791	1,572	1,599
	Payroll	63,172	66,525	69,084	75,911	81,219	73,367	85,328	48,382	46,727
Navigational services to shipping	Establishments	13	13	11	8	9	9	8	9	11
	Employees	275	ND ²	195	ND ²	ND ²	ND ²	157	92	77
	Payroll	18,710	ND ²	38,619	ND ²	ND ²	ND ²	4,882	3,968	3,807
Port & harbor operations	Establishments	4	7	8	10	11	11	8	3	4
	Employees	319	259	376	479	ND ²	ND ²	323	ND ²	ND ²
	Payroll	9,545	11,655	16,099	19,218	ND ²	ND ²	13,427	ND ²	ND ²
Ship & boat building	Establishments	40	44	55	58	57	55	48	46	38
	Employees	1,421	1,223	1,426	1,022	ND ²	1,119	874	677	416
	Payroll	48,561	40,743	36,444	35,364	ND ²	33,463	29,500	22,363	16,238

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

2010 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	42,506	6,425,332	2,344,918	8,538	679,880	324,374
Commercial Harvesters	3,040	354,611	151,105	3,040	354,611	151,105
Seafood Processors & Dealers	5,891	544,788	269,292	780	72,118	35,648
Importers	15,977	4,394,802	1,339,728	0	0	0
Seafood Wholesalers & Distributors	2,524	401,351	175,407	224	35,678	15,593
Retail	15,075	729,780	409,385	4,494	217,473	122,027

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	110,246	112,708	120,670	145,217	158,746	136,039	151,445	168,519	149,032	177,936
Finfish & other	19,858	20,062	22,017	21,369	22,585	24,476	24,171	19,946	23,033	22,749
Shellfish	90,389	92,646	98,653	123,847	136,161	111,563	127,274	148,573	125,999	155,187
American lobster	2,471	1,139	1,028	1,800	2,001	2,533	4,056	3,214	850	2,679
Atlantic herring	32	60	145	1	1	ND ¹	563	ND ¹	1,564	422
Atlantic mackerel	1,695	1,780	2,855	3,398	3,957	3,709	668	ND ¹	1,539	843
Blue crab	4,802	6,725	4,736	5,330	6,773	6,359	6,004	7,284	185	12,020
Eastern oyster	1,918	1,853	3,366	1,558	823	2,288	2,231	2,547	ND ¹	ND ¹
Goosefish	6,135	5,896	6,200	3,446	4,451	4,415	4,484	4,005	3,018	2,751
Ocean quahog & surf clams	41,193	39,804	38,054	31,379	25,567	31,038	32,362	ND ¹	27,496	23,889
Quahog clam	5,636	ND ¹	5,228	7,409	7,556	7,615	968	6,306	ND ¹	ND ¹
Sea scallop	29,983	33,336	43,507	67,309	88,486	57,465	77,359	91,320	90,111	108,990
Summer flounder	2,313	3,504	3,683	4,134	4,478	4,926	3,989	3,461	3,377	4,552

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	168,541	162,139	170,133	187,377	156,695	152,781	153,838	162,301	161,599	161,832
Finfish & other	71,867	65,737	75,471	71,450	74,193	66,316	65,155	62,816	73,605	74,806
Shellfish	96,674	96,401	94,662	115,926	82,502	86,465	88,683	99,484	87,994	87,026
American lobster	580	264	210	370	369	471	680	633	180	642
Atlantic herring	708	1,138	1,805	5	1	ND ¹	6,039	ND ¹	13,693	4,140
Atlantic mackerel	25,224	20,486	33,056	36,091	32,414	24,977	5,384	ND ¹	10,255	4,692
Blue crab	4,724	6,229	4,012	4,350	6,333	5,981	4,821	5,816	257	9,268
Eastern oyster	412	379	714	323	162	350	444	550	ND ¹	ND ¹
Goosefish	5,855	5,697	7,185	4,177	3,881	3,841	4,229	3,694	2,687	1,986
Ocean quahog & surf clams	73,900	73,949	71,683	61,155	49,849	55,286	55,746	ND ¹	45,306	38,538
Quahog clam	1,357	ND ¹	1,260	1,796	1,852	1,844	240	1,529	ND ¹	ND ¹
Sea scallop	8,219	8,644	10,638	13,705	11,831	8,439	11,808	13,279	14,038	14,155
Summer flounder	1,745	2,407	2,385	2,630	2,349	2,380	1,697	1,541	1,799	2,166

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American lobster	4.26	4.31	4.90	4.86	5.42	5.38	5.96	5.08	4.73	4.18
Atlantic herring	0.05	0.05	0.08	0.23	0.78	ND ¹	0.09	ND ¹	0.11	0.10
Atlantic mackerel	0.07	0.09	0.09	0.09	0.12	0.15	0.12	ND ¹	0.15	0.18
Blue crab	1.02	1.08	1.18	1.23	1.07	1.06	1.25	1.25	0.72	1.30
Eastern oyster	4.65	4.88	4.72	4.82	5.09	6.53	5.02	4.63	ND ¹	ND ¹
Goosefish	1.05	1.03	0.86	0.83	1.15	1.15	1.06	1.08	1.12	1.38
Ocean quahog & surf clams	0.56	0.54	0.53	0.51	0.51	0.56	0.58	ND ¹	0.61	0.62
Quahog clam	4.15	ND ¹	4.15	4.13	4.08	4.13	4.04	4.12	ND ¹	ND ¹
Sea scallop	3.65	3.86	4.09	4.91	7.48	6.81	6.55	6.88	6.42	7.70
Summer flounder	1.32	1.46	1.54	1.57	1.91	2.07	2.35	2.25	1.88	2.10

¹ND = these data are confidential thus not disclosable

2010 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	515	55,509	18,695	32,271
Private Boat	1,644	232,965	70,171	120,522
Shore	854	102,286	33,206	55,611
Total Durable Equipment Impacts	6,077	1,127,756	371,768	572,267
Total State Trip and Durable Equipment Economic Impacts	9,089	1,518,517	493,840	780,671

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	353,494
For-Hire	19,648	16,419	Other Equipment	72,899
Private Boat	52,436	131,694	Boat Expenses	201,251
Shore	29,903	53,672	Vehicle Expenses	353,263
<i>Total Trip Expenditures</i>	<i>101,986</i>	<i>201,785</i>	Second Home Expenses	40,183
			<i>Total Durable Equipment Expenditures</i>	<i>1,021,090</i>
Total State Trip and Durable Equipment Expenditures				1,324,861

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	721	400	592	708	818	693	890	765	656	776
Non-Coastal	42	17	20	31	39	25	19	26	35	36
Out of State	543	239	462	379	471	481	518	456	454	449
Total Anglers	1306	656	1074	1117	1328	1199	1427	1246	1145	1261

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	643	368	466	501	408	630	545	388	434	319
Private	4,025	2,992	3,602	3,892	3,765	3,859	3,634	3,567	2,753	3,323
Shore	2,817	2,049	2,711	2,152	2,476	2,803	3,256	2,804	2,257	2,346
Total Trips	7,484	5,409	6,779	6,544	6,649	7,292	7,436	6,760	5,444	5,988

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Black seabass	H	1,919	1,760	1,903	1,173	667	692	1,006	456	608	548
	R	4,371	4,318	4,295	2,833	2,463	2,090	2,882	4,221	3,003	3,102
Bluefin tuna	H	11	7	9	9	8	4	5	3	9	6
	R	4	(1)	(1)	31	26	35	1	(1)	2	7
Bluefish	H	1,431	1,321	1,571	2,012	2,035	1,457	1,645	1,296	762	697
	R	2,056	2,168	1,913	2,403	2,644	1,930	3,146	1,752	1,386	1,522
Drum (weakfish) ²	H	736	493	151	184	1,053	418	209	270	11	3
	R	1,065	351	631	607	1,280	1,231	581	1,255	82	78
Red hake	H	51	12	16	12	6	111	1	175	218	142
	R	5	(1)	15	6	6	15	(1)	24	24	36
Striped bass	H	560	416	392	449	327	489	206	318	269	315
	R	966	715	926	1,324	1,197	2,102	1,495	1,452	719	507
Summer flounder	H	2,070	989	1,784	1,887	1,396	1,561	1,328	851	1,013	577
	R	10,343	4,205	5,807	7,212	9,931	6,823	7,125	9,349	11,294	10,672
Winter flounder	H	562	208	307	95	46	43	194	14	5	17
	R	188	124	110	29	42	192	42	10	35	31
Wrasses (tautog)	H	468	348	103	131	37	195	342	183	153	313
	R	1,006	836	394	426	335	563	1,353	709	1,007	1,061
Yellowfin tuna	H	9	14	22	25	22	41	25	6	5	15
	R	(1)	4	(1)	1	(1)	1	(1)	1	7	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
2001	234,558 (3.3%)	3,622,788 (3.1%)	154,239 (3.9%)	210,839 (3.6%)	364,453 (3.5%)	0.08
2009	231,186 (3.1%)	3,443,211 (3%)	177,071 (3.6%)	265,028 (3.4%)	471,946 (3.4%)	ND ²
% change	-1.44%	-4.96%	14.8%	25.7%	29.5%	NA ³

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	14	21	23	23	26	27	25	22	33
	Receipts	2,878	2,673	2,279	2,694	3,086	3,027	2,399	1,851	3,667
Seafood Sales, retail	Firms	87	92	100	89	93	72	90	92	81
	Receipts	8,368	8,348	8,822	9,219	9,194	8,916	11,320	11,196	9,901

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	18	17	16	15	17	16	16	14	13
	Employees	1,100	928	846	749	969	667	628	566	661
	Payroll	27,302	23,045	20,794	21,029	28,235	22,097	18,403	18,703	22,025
Seafood sales, wholesale	Establishments	112	102	84	85	85	89	101	81	83
	Employees	1,023	969	920	948	914	941	978	856	858
	Payroll	39,677	37,394	35,991	38,066	37,828	41,506	41,994	37,462	37,348
Seafood sales, retail	Establishments	125	149	133	134	128	127	124	118	106
	Employees	549	559	454	547	524	493	472	368	332
	Payroll	10,183	10,225	10,513	11,952	11,787	11,373	10,352	9,372	9,126

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	21	13	15	17	18	18	23	18	19
	Employees	532	ND ²	768	ND ²	914	1,040	778	645	594
	Payroll	36,912	ND ²	45,024	ND ²	54,097	68,096	56,017	48,911	41,925
Deep sea freight transportation	Establishments	33	35	37	33	38	39	31	27	26
	Employees	1,451	1,397	1,287	1,028	948	648	566	1,115	1,045
	Payroll	86,618	78,258	70,996	65,691	68,633	45,940	44,133	75,848	66,547
Deep sea passenger transportation	Establishments	4	4	5	4	5	4	2	2	3
	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	211	199	203	201	206	204	216	211	214
	Employees	ND ²	927	951	945	978	940	1,045	916	784
	Payroll	ND ²	32,480	34,777	36,862	38,323	39,154	41,624	39,596	35,811
Marine cargo handling	Establishments	26	29	27	26	26	25	23	21	22
	Employees	3,418	3,408	4,108	4,685	4,972	4,599	4,781	4,244	3,479
	Payroll	187,150	247,217	318,325	340,085	363,714	345,784	350,690	278,189	230,886
Navigational services to shipping	Establishments	21	22	16	17	16	19	26	20	19
	Employees	183	ND ²	210	ND ²	169	ND ²	227	191	133
	Payroll	10,359	ND ²	8,028	ND ²	9,673	ND ²	11,403	7,776	6,638
Port & harbor operations	Establishments	5	5	5	6	7	6	8	6	6
	Employees	376	ND ²	240	ND ²	194	ND ²	271	143	54
	Payroll	21,855	ND ²	10,644	ND ²	11,599	ND ²	12,197	12,446	5,548
Ship & boat building	Establishments	45	41	37	35	37	34	31	30	25
	Employees	2,185	2,223	2,005	2,040	2,320	2,307	2,305	2,019	1,188
	Payroll	70,980	76,607	75,149	80,301	89,421	88,367	91,460	79,309	42,909

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 disclosable³NA = these data are not available

2010 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	41,794	5,090,068	1,797,704	2,705	124,196	60,361
Commercial Harvesters	1,266	60,636	26,807	1,266	60,636	26,807
Seafood Processors & Dealers	871	125,015	61,827	95	13,618	6,735
Importers	14,243	3,918,066	1,194,398	0	0	0
Seafood Wholesalers & Distributors	4,200	302,364	137,824	93	6,712	3,060
Retail	21,214	683,987	376,848	1,251	43,229	23,760

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	55,072	51,264	51,601	46,878	56,367	57,725	58,964	58,943	49,271	33,824
Finfish & other	18,864	15,924	16,426	16,765	18,317	19,143	20,480	18,839	17,495	20,504
Shellfish	36,208	35,341	35,175	30,113	38,051	38,582	38,484	40,103	31,777	13,320
American lobster	7,357	5,131	4,426	3,722	4,396	6,289	3,639	5,498	3,936	1,329
Atlantic surf clam	4,885	5,520	7,934	4,475	7,055	4,473	5,932	5,670	5,858	1,708
Eastern oyster	2,137	4,995	4,263	3,367	1,961	2,390	2,627	2,870	1,428	ND ¹
Flounder, Summer	1,778	2,042	2,240	3,275	3,797	3,418	3,133	2,933	3,088	3,568
Loligo squid	6,035	6,247	4,353	5,426	6,054	5,846	5,159	5,290	4,169	4,516
Quahog clam	13,502	12,245	12,399	10,673	12,696	12,237	14,224	13,185	8,397	ND ¹
Scups or porgies	703	1,185	1,330	1,637	2,027	2,457	2,349	1,710	1,887	2,112
Sea scallop	718	90	164	720	3,617	3,518	3,872	5,050	5,018	3,725
Softshell clam	561	679	888	1,227	1,468	2,055	1,628	1,076	ND ¹	ND ¹
Tilefishes	3,191	3,195	2,736	2,082	2,765	3,323	3,845	3,343	3,240	4,077

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	42,388	38,548	39,388	34,514	38,150	32,659	35,594	34,521	34,413	27,535
Finfish & other	21,018	16,540	17,223	16,531	14,631	14,036	16,495	15,069	16,186	18,158
Shellfish	21,370	22,008	22,165	17,983	23,519	18,623	19,099	19,451	18,227	9,377
American lobster	2,053	1,440	946	996	1,154	1,243	716	1,210	1,047	307
Atlantic surf clam	7,549	8,544	13,264	7,462	11,953	6,913	9,161	8,753	8,799	2,573
Eastern oyster	244	537	466	370	219	269	124	135	64	ND ¹
Flounder, Summer	752	1,053	1,073	1,594	1,799	1,220	942	856	1,140	1,363
Loligo squid	7,625	9,613	4,603	6,363	6,693	6,462	5,438	5,469	4,100	3,900
Quahog clam	1,828	1,502	1,553	1,346	1,617	1,650	1,592	1,476	1,410	ND ¹
Scups or porgies	655	1,558	1,850	1,907	2,186	2,423	2,325	1,214	1,848	2,690
Sea scallop	259	26	39	170	647	577	619	782	918	500
Softshell clam	106	132	163	234	270	393	198	131	ND ¹	ND ¹
Tilefishes	1,835	1,593	1,755	1,335	1,142	1,297	1,394	1,199	1,427	1,586

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American lobster	3.58	3.56	4.68	3.74	3.81	5.06	5.08	4.54	3.76	4.32
Atlantic surf clam	0.65	0.65	0.60	0.60	0.59	0.65	0.65	0.65	0.67	0.66
Eastern oyster	8.77	9.30	9.15	9.10	8.97	8.87	21.21	21.21	22.23	ND ¹
Flounder, Summer	2.36	1.94	2.09	2.05	2.11	2.80	3.33	3.43	2.71	2.62
Loligo squid	0.79	0.65	0.95	0.85	0.90	0.90	0.95	0.97	1.02	1.16
Quahog clam	7.39	8.15	7.98	7.93	7.85	7.42	8.94	8.93	5.96	ND ¹
Scups or porgies	1.07	0.76	0.72	0.86	0.93	1.01	1.01	1.41	1.02	0.79
Sea scallop	2.77	3.43	4.19	4.24	5.59	6.10	6.25	6.46	5.47	7.45
Softshell clam	5.30	5.15	5.45	5.24	5.43	5.23	8.23	8.24	ND ¹	ND ¹
Tilefishes	1.74	2.01	1.56	1.56	2.42	2.56	2.76	2.79	2.27	2.57

¹ND = these data are confidential thus not disclosable

2010 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	515	50,816	17,797	30,771
Private Boat	552	66,841	23,999	41,847
Shore	311	33,596	12,171	20,509
Total Durable Equipment Impacts	3,081	516,600	173,255	257,036
Total State Trip and Durable Equipment Economic Impacts	4,459	667,852	227,223	350,163

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	159,934
For-Hire	5,858	26,888	Other Equipment	64,092
Private Boat	2,108	66,156	Boat Expenses	132,413
Shore	2,561	30,882	Vehicle Expenses	90,369
<i>Total Trip Expenditures</i>	<i>10,527</i>	<i>123,926</i>	Second Home Expenses	50,720
			<i>Total Durable Equipment Expenditures</i>	<i>497,528</i>
Total State Trip and Durable Equipment Expenditures				631,981

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	474	387	599	587	885	735	881	817	638	646
Non-Coastal	11	8	19	18	27	25	39	32	21	24
Out of State	29	41	82	76	110	114	147	118	58	69
Total Anglers	513	436	700	681	1022	874	1067	967	717	740

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	344	339	406	397	475	398	522	312	372	344
Private	2,365	2,172	3,030	2,600	3,032	3,058	3,237	3,276	2,889	2,390
Shore	1,915	1,607	2,090	1,777	2,566	1,943	2,459	2,365	1,656	1,736
Total Trips	4,624	4,118	5,525	4,774	6,073	5,399	6,218	5,954	4,917	4,470

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic herring ²	H	39	26	30	73	140	39	315	111	6	133
	R	48	14	(1)	4	2	3	176	41	(1)	23
Black seabass	H	164	221	318	105	176	277	312	245	454	606
	R	641	1,411	739	490	963	1,634	1,513	1,829	1,500	1,570
Bluefish	H	1,005	751	1,147	1,499	2,376	1,534	1,660	1,320	1,119	984
	R	2,543	1,017	1,305	1,883	3,314	1,839	1,919	2,514	1,822	1,389
Drum (weakfish) ³	H	28	25	9	8	(1)	9	7	31	(1)	3
	R	69	63	7	40	194	12	201	27	6	3
Porgies (scup)	H	1,734	1,091	5,112	1,581	686	1,277	1,601	1,617	1,312	1,860
	R	1,666	1,246	1,805	2,508	1,263	2,498	1,590	3,282	2,191	1,996
Shortfin mako shark	H	(1)	1	3	(1)	(1)	1	1	(1)	(1)	1
	R	2	4	3	2	5	2	(1)	(1)	(1)	(1)
Striped bass	H	190	202	314	243	298	313	371	448	329	502
	R	824	588	1,084	1,493	1,348	1,578	1,456	1,277	922	1,097
Summer flounder	H	700	696	1,539	937	1,147	802	711	565	265	260
	R	5,228	4,100	5,722	2,682	7,767	5,277	5,255	6,124	5,793	6,080
Winter flounder	H	233	154	234	236	150	204	15	61	102	24
	R	286	141	73	56	222	95	14	30	101	49
Wrasses (tautog)	H	46	630	129	381	119	253	202	256	330	156
	R	314	953	297	783	272	1,020	368	775	621	695

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
2001	493,863 (7%)	7,428,349 (6.5%)	343,498 (8.6%)	480,181 (7.9%)	810,332 (8%)	1.17
2009	515,819 (6.9%)	7,332,392 (6.4%)	400,790 (8.3%)	615,407 (7.8%)	1,094,104 (7.9%)	1.19
% change	4.45%	-1.29%	16.7%	28.2%	35%	-5.13%

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	45	40	62	49	57	61	68	73	101
	Receipts	2,607	1,730	2,580	3,517	2,652	3,044	3,516	3,383	4,883
Seafood Sales, retail	Firms	262	244	272	241	219	206	266	247	192
	Receipts	31,218	29,832	29,321	28,640	24,987	24,790	23,157	23,983	19,278

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	21	16	18	17	18	15	15	17	15
	Employees	370	352	271	323	324	298	294	379	ND ²
	Payroll	18,258	20,430	15,676	14,782	14,810	16,491	18,723	18,570	15,227
Seafood sales, wholesale	Establishments	296	315	291	274	269	254	291	231	246
	Employees	2,158	2,269	2,183	2,091	2,003	2,066	2,058	1,627	1,741
	Payroll	76,881	84,367	75,063	75,411	76,177	78,198	84,361	72,233	68,345
Seafood sales, retail	Establishments	323	381	376	386	392	388	372	368	386
	Employees	1,154	1,421	1,518	1,602	1,513	1,495	1,575	1,470	1,509
	Payroll	18,609	22,867	25,422	26,489	25,665	26,701	28,497	30,741	31,640

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	67	69	60	60	57	55	50	50	48
	Employees	2,182	2,284	1,751	1,452	1,448	1,464	1,746	1,759	2,299
	Payroll	129,403	141,213	115,452	94,074	91,347	109,315	125,570	160,735	198,352
Deep sea freight transportation	Establishments	40	38	35	36	39	38	34	29	32
	Employees	621	1,084	927	600	602	ND ²	ND ²	732	782
	Payroll	42,874	52,516	58,350	38,246	39,309	ND ²	65,632	108,744	89,313
Deep sea passenger transportation	Establishments	5	4	8	7	6	4	4	3	4
	Employees	160	ND ²	212	ND ²	ND ²	ND ²	7	ND ²	8
	Payroll	5,646	ND ²	6,673	ND ²	ND ²	ND ²	240	316	126
Marinas	Establishments	386	386	417	413	416	404	411	419	418
	Employees	1,805	1,680	2,167	2,185	2,093	2,112	2,070	2,263	2,099
	Payroll	66,508	69,242	77,398	81,737	84,832	83,807	88,862	100,910	96,640
Marine cargo handling	Establishments	19	11	14	14	12	12	12	10	9
	Employees	ND ²	ND ²	951	1,099	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	50,015	48,529	ND ²	ND ²	ND ²	ND ²	ND ²
Navigational services to shipping	Establishments	41	32	34	34	35	36	36	32	37
	Employees	554	ND ²	ND ²	ND ²	ND ²	ND ²	578	386	312
	Payroll	29,646	ND ²	ND ²	ND ²	ND ²	ND ²	40,976	23,294	19,126
Port & harbor operations	Establishments	3	4	3	3	3	3	5	3	4
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	6	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	119	ND ²	ND ²	ND ²
Ship & boat building	Establishments	44	41	44	45	47	48	53	49	47
	Employees	759	ND ²	ND ²	ND ²	590	ND ²	643	688	585
	Payroll	26,072	ND ²	ND ²	ND ²	21,514	ND ²	26,653	30,462	28,880

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

2010 Economic Impacts of the Virginia Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	22,987	1,900,724	817,273	17,471	941,369	490,653
Commercial Harvesters	5,495	338,048	164,683	5,495	338,048	164,683
Seafood Processors & Dealers	1,799	157,506	79,090	1,679	147,022	73,825
Importers	2,914	801,452	244,318	0	0	0
Seafood Wholesalers & Distributors	1,132	137,047	63,142	571	69,141	31,855
Retail	11,647	466,671	266,041	9,726	387,158	220,288

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	119,618	123,308	130,657	160,496	155,066	109,082	133,454	150,091	152,730	198,840
Finfish & other	42,222	38,947	39,661	43,522	48,559	40,593	45,895	40,480	41,725	52,805
Shellfish	77,395	84,361	90,996	116,973	106,507	68,489	87,560	109,611	111,005	146,034
Atlantic croaker	3,126	3,815	2,822	3,013	3,691	4,345	4,641	5,291	4,308	4,012
Black sea bass	1,317	1,589	1,306	1,167	1,242	1,070	663	763	581	939
Blue crab	25,600	21,083	19,130	21,822	20,578	14,067	15,288	20,155	26,005	44,915
Catfishes & bullhea	987	1,005	372	649	900	1,570	978	1,188	1,254	292
Goosefish	700	704	879	599	1,142	688	750	ND ¹	639	562
Menhaden	25,860	22,113	22,511	24,144	25,259	22,269	25,317	21,272	23,550	34,573
Sea Scallop	44,466	57,715	68,298	92,207	84,574	52,828	63,013	65,534	63,312	70,203
Spot	1,326	1,256	1,688	2,236	2,227	1,762	3,221	1,184	2,127	2,024
Striped bass	3,250	2,823	3,389	3,648	4,457	2,816	3,852	3,351	3,282	3,751
Summer flounder	2,973	3,150	4,220	5,376	4,652	3,460	3,189	2,725	2,934	3,906

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	561,792	442,490	446,828	481,374	441,538	426,235	485,256	417,514	426,252	495,075
Finfish & other	520,211	396,929	406,359	432,023	402,586	393,760	452,518	384,581	379,538	453,958
Shellfish	41,581	45,560	40,469	49,351	38,952	32,475	32,739	32,933	46,714	41,117
Atlantic croaker	12,929	12,448	10,936	9,488	9,272	7,830	10,973	11,261	8,609	5,927
Black sea bass	661	771	507	498	475	327	189	215	164	264
Blue crab	25,057	27,301	21,464	27,642	26,064	22,719	19,045	18,401	32,581	28,119
Catfishes & bullhea	1,964	1,886	1,799	1,922	1,622	1,360	1,597	1,769	1,870	554
Goosefish	887	970	1,270	1,002	1,157	676	827	ND ¹	742	564
Menhaden	487,144	364,941	373,868	399,798	372,578	370,989	420,032	353,384	351,397	432,037
Sea Scallop	12,654	16,189	17,536	19,410	11,444	8,310	10,041	9,840	10,137	9,167
Spot	3,248	3,062	3,471	4,338	3,103	1,696	4,305	1,997	3,908	2,482
Striped bass	2,050	1,841	2,104	2,120	2,472	1,391	1,976	2,182	2,106	1,894
Summer flounder	2,660	2,970	3,522	3,906	3,869	2,757	1,859	1,657	1,987	2,445

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic croaker	0.24	0.31	0.26	0.32	0.40	0.55	0.42	0.47	0.50	0.68
Black sea bass	1.99	2.06	2.58	2.34	2.61	3.27	3.50	3.54	3.53	3.56
Blue crab	1.02	0.77	0.89	0.79	0.79	0.62	0.80	1.10	0.80	1.60
Catfishes & bullhea	0.50	0.53	0.21	0.34	0.55	1.15	0.61	0.67	0.67	0.53
Goosefish	0.79	0.73	0.69	0.60	0.99	1.02	0.91	ND ¹	0.86	1.00
Menhaden	0.05	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.08
Sea Scallop	3.51	3.56	3.89	4.75	7.39	6.36	6.28	6.66	6.25	7.66
Spot	0.41	0.41	0.49	0.52	0.72	1.04	0.75	0.59	0.54	0.82
Striped bass	1.59	1.53	1.61	1.72	1.80	2.02	1.95	1.54	1.56	1.98
Summer flounder	1.12	1.06	1.20	1.38	1.20	1.26	1.72	1.65	1.48	1.60

¹ND = these data are confidential thus not disclosable

2010 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	102	8,130	2,651	4,638
Private Boat	1,197	117,655	39,064	68,297
Shore	370	34,128	11,353	19,568
Total Durable Equipment Impacts	2,933	356,805	120,746	180,241
Total State Trip and Durable Equipment Economic Impacts	4,602	516,718	173,813	272,745

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	108,303
For-Hire	3,707	1,745	Other Equipment	38,258
Private Boat	40,534	63,242	Boat Expenses	107,717
Shore	9,696	19,917	Vehicle Expenses	135,118
<i>Total Trip Expenditures</i>	<i>53,937</i>	<i>84,904</i>	Second Home Expenses	28,124
			<i>Total Durable Equipment Expenditures</i>	<i>417,520</i>
Total State Trip and Durable Equipment Expenditures				556,361

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	423	337	384	510	559	578	463	464	515	496
Non-Coastal	88	73	52	69	137	90	76	89	87	63
Out of State	520	407	288	428	511	364	297	338	305	279
Total Anglers	1031	817	724	1007	1206	1033	836	891	907	838

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	91	72	86	96	41	34	59	53	47	45
Private	2,579	2,255	2,068	2,415	2,432	2,555	2,510	2,348	2,021	1,682
Shore	1,458	927	958	1,083	1,368	1,310	1,154	1,025	917	899
Total Trips	4,128	3,254	3,113	3,594	3,841	3,900	3,723	3,425	2,984	2,626

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Black seabass	H	231	132	265	48	75	115	67	58	102	20
	R	2,180	2,441	1,742	1,280	945	983	1,265	1,327	1,275	468
Cobia	H	9	3	2	3	14	8	10	7	12	10
	R	10	10	15	7	23	29	8	7	11	14
Drum (Atlantic croaker)	H	9,335	9,129	6,695	7,293	7,791	7,069	7,753	6,525	5,128	4,815
	R	7,087	7,108	6,544	5,791	8,144	4,599	9,511	7,035	6,860	4,553
Drum (spot)	H	1,056	1,602	1,441	2,323	2,994	3,510	6,609	5,061	3,146	1,968
	R	969	482	934	975	1,799	921	2,311	1,721	1,381	1,321
Drum (spotted seatrout)	H	13	16	102	75	31	56	146	80	40	32
	R	110	136	207	296	277	125	415	373	333	729
Drum (weakfish) ¹	H	176	178	86	103	30	59	45	29	18	5
	R	633	888	504	528	267	456	172	314	69	143
Red drum	H	7	50	14	5	3	15	71	27	64	16
	R	30	801	43	34	31	159	166	238	224	43
Striped bass	H	301	321	402	477	368	523	246	207	213	71
	R	621	707	971	1,768	1,485	1,690	914	442	355	123
Summer flounder	H	1,338	772	451	584	584	862	479	229	232	275
	R	4,014	2,666	2,585	3,539	2,340	2,274	3,388	2,758	3,199	2,460
Wrasses (tautog)	H	29	26	76	163	108	142	67	45	53	138
	R	27	38	55	141	107	229	94	32	40	133

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
2001	176,532 (2.5%)	2,943,854 (2.6%)	102,538 (2.6%)	169,823 (2.7%)	280,046 (2.8%)	0.38
2009	194,018 (2.6%)	3,061,186 (2.7%)	137,138 (2.8%)	242,641 (2.9%)	409,732 (3.1%)	0.6
% change	9.91%	3.99%	33.7%	42.9%	46.3%	42.1%

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	20	35	53	68	65	74	62	74	69
	Receipts	1,185	1,406	2,370	3,456	3,665	4,916	4,845	5,020	4,039
Seafood Sales, retail	Firms	89	94	88	89	80	86	84	80	80
	Receipts	10,148	8,266	7,193	8,346	8,762	8,027	7,265	8,273	6,603

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	42	39	38	42	39	33	30	26	25
	Employees	1,259	1,035	1,256	1,231	1,336	871	955	490	941
	Payroll	35,228	35,828	37,386	38,731	39,980	28,530	34,520	11,366	30,600
Seafood sales, wholesale	Establishments	100	89	84	86	86	80	83	69	72
	Employees	875	790	742	756	675	605	734	621	519
	Payroll	21,138	21,591	20,133	22,235	21,864	21,388	25,365	17,667	15,620
Seafood sales, retail	Establishments	59	74	61	68	69	75	73	68	62
	Employees	203	259	165	297	286	334	282	251	271
	Payroll	3,104	3,662	3,146	4,479	4,865	5,348	5,227	5,170	5,401

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	14	13	16	13	15	13	15	10	9
	Employees	ND ²	ND ²	591	ND ²	ND ²	ND ²	565	ND ²	ND ²
	Payroll	ND ²	ND ²	26,881	ND ²	ND ²	ND ²	30,704	ND ²	ND ²
Deep sea freight transportation	Establishments	22	23	22	21	24	22	20	18	16
	Employees	ND ²	1,254	1,087	1,124	1,090	1,564	1,611	409	ND ²
	Payroll	ND ²	92,591	87,099	91,978	95,871	141,085	148,502	32,473	19,241
Deep sea passenger transportation	Establishments	NA ³	2	2	2	1	1	1	2	2
	Employees	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Marinas	Establishments	129	122	136	137	141	131	126	119	118
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	992	964	829
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	26,186	24,326	24,631
Marine cargo handling	Establishments	16	18	19	19	18	17	15	12	12
	Employees	1,284	ND ²	ND ²	ND ²	1,516	1,110	1,085	ND ²	ND ²
	Payroll	50,553	ND ²	ND ²	ND ²	52,254	51,654	56,696	ND ²	ND ²
Navigational services to shipping	Establishments	13	17	15	20	21	17	18	23	25
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	216	375	384
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	11,700	21,014	22,177
Port & harbor operations	Establishments	9	8	8	9	9	10	10	8	6
	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	63	62	50	52	50	51	52	59	53
	Employees	20,198	21,240	20,720	21,022	21,230	21,741	ND ²	ND ²	ND ²
	Payroll	989,524	963,644	901,156	920,372	938,375	993,066	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

³NA = these data are not available