

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.

Commercial Fisheries

In 2009, commercial fishermen in the Mid-Atlantic Region landed 696 million pounds of finfish and shellfish, earning \$435 million in landings revenue. Landings revenue was dominated by sea scallop (\$162 million) and blue crab (\$85 million). These species commanded ex-vessel prices of \$6.31 and \$1.10 per pound, respectively, and comprised 57% of total landings revenue, but only 15% 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 2009, \$153 million and \$149 million, respectively. The next greatest landings revenue came from Maryland with \$76 million in landings revenue. In terms of pounds landed, Virginia had the highest landings (426 million pounds), followed by New Jersey (162 million pounds) and Maryland (68 million pounds).

Economic Impacts¹

In 2009, the Mid-Atlantic Region's seafood industry generated 407 in employment impacts in Delaware, 15,000 in employment impacts in Maryland, 38,000 in employment impacts in New Jersey, 44,000 in employment impacts in New York, and 19,000

in employment impacts in Virginia. New Jersey generated the largest impacts across the three other impact categories, generating \$5.8 billion sales impacts, \$1.3 billion in income, and \$2.1 billion in value added impacts. The smallest income impacts were generated in Delaware (\$11 million) and the smallest employment impacts were also generated in Delaware (407 jobs).

The sector that generated the greatest employment impacts by state was the retail sector with 22,000 jobs in New York and 13,000 jobs in New Jersey. The harvest sector in Maryland generated 2,800 jobs. More sales impacts were generated by importers in New York than any other sector in any another state in the region at \$4.1 billion and the greatest value added impacts were also generated by importers in New York (\$1.2 billion).

Landings Revenue

Landings revenue in the Mid-Atlantic Region totaled \$435 million in 2009. This was a 25% increase (a 7.1% increase in real terms) from 2000 levels (\$347 million) and a 5% decrease (a 4.6% decrease in real terms) relative to 2008 (\$458 million). Totaling \$339 million in 2009, shellfish revenue experienced a 36% increase (a 17% increase in real terms) from 2000 to 2009 and experienced a 7.3% decrease (7% decrease in real terms) from 2008 to 2009.

In terms of finfish, Virginia contributed the most (\$42 million), followed by New Jersey (\$23 million), and New York (\$17 million). Shellfish landings revenue was dominated by New Jersey (\$126 million), followed by Virginia (\$111 million), and Maryland (\$64 million).

Sea scallop and blue crab had the highest landings revenue in the Mid-Atlantic Region in 2009. Between 2000 and 2009, the landings revenue from sea scallop increased 145% (a 109% increase in real terms) and the landings revenue for blue crab 28% increase (a 9.5% increase in real terms).

From 2000 to 2009, species or species groups with large changes in landings revenue include American lobster (decreased 67%), squid (decreased 46%), and summer flounder (increased 32%). Species or species groups with large changes in landings revenue between 2008 and 2009 include Atlantic surf clam (increasing 366%), American lobster (decreasing 43%), and squid (decreasing 40%).

Landings

Fishermen in the Mid-Atlantic Region landed 696 million pounds of finfish and shellfish in 2009. This was a 2.8% decrease from the 715 million pounds landed in 2000 but a 1.9% increase from the 682 million pounds landed in 2008. Finfish landings contributed 71% of total landings in the Mid-Atlantic Region (491 million pounds) in 2009. From 2008 to 2009, finfish landings experienced a 1.9% increase. Over the same time period, shellfish landings experienced a 2% increase from 201 million pounds in 2008 to 205 million pounds in 2009 and a 0.6% increase from 203 million pounds in 2000.

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

Commercial Fisheries Facts

Landings revenue

- On average, between 2000 and 2009, the key species or species groups accounted for 82% of total revenue, generating \$322 million in the Mid-Atlantic Region.
- Sea scallop had higher landings revenues than any other species or species group, averaging \$128 million in landings revenue from 2000 to 2009.
- Atlantic surf clam had the largest annual 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 annual 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 82% annually to total landings between 2000 and 2009.
- Menhaden, contributed the most to landings in the region, averaging 418 million pounds from 2000 to 2009.
- Atlantic surf clam had the largest annual 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 annual 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

- Eastern oyster had the highest average annual ex-vessel price per pound (\$6.32) over the time period, followed by quahog clam (\$6.20), and sea scallop (\$5.41).
- Menhaden had the lowest average annual ex-vessel price per pound (\$0.06) over the time period, followed by Atlantic surf clam (\$0.57), and squid (\$0.63).
- Squid had the largest annual 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 2009, with 396 million pounds and 77 million pounds, respectively. Together they accounted for 68% of the total landings in 2009. Menhaden landings decreased 2% and blue crab landings increased 24% from 2000 to 2009.

From 2000 to 2009, species or species groups with large changes in landings include sea scallop (increasing 80%), squid (decreasing 71%), and American lobster (decreasing 66%). Species or species groups with large changes in landings between 2008 and 2009 include Atlantic surf clam (increasing 376%), squid (decreasing 73%), and quahog clam (decreasing 38%).

Prices

The ex-vessel prices for the Mid-Atlantic Region's key species and species groups in 2009 were higher than their 10 year average for eight of the key species (four of the species in real terms). Ex-vessel prices for Eastern oyster and squid experienced the biggest increases between 2000 and 2009, increasing 154% (118% in real terms) and 83% (57% in real terms), respectively. Relative to the ex-vessel prices in 2008, the Mid-Atlantic Region's squid experienced the greatest increase (126%, 127% in real terms) from \$0.38 in 2008 to \$0.86 in 2009. Of the changes in ex-vessel price experienced by species or species groups between 2008 and 2009, American lobster experienced the greatest decrease (17.3%, 17% in real terms) from \$4.73 to \$3.91. Relative to ex-vessel prices in 2008, four species or species groups experienced increases, including squid (126%), and menhaden (17%).

In Delaware, the species or species group with the largest change in ex-vessel price from 2000 to 2009 was weakfish (94% increase, 66% increase in real terms) from \$0.97 to \$1.88. The largest change in ex-vessel price experienced in Maryland was for Eastern oyster (154% increase, 117% increase in real terms) from \$3.04 to \$7.73 and in New Jersey the largest change in ex-vessel price was experienced by blue crab (33% decrease, 43% decrease in real terms) from \$1.08 to \$0.72).

Recreational Fishing

In 2009, over 2.6 million recreational anglers took 17 million fishing trips in the Mid-Atlantic Region. Over 93% of these anglers were residents of a regional coastal county. Of the total fishing trips taken, 57% of them were taken from a private or rental boat and another 36% were shore-based. Summer flounder were the most frequently caught species or species group with 24 million fish caught in 2009, and represented 33% of total fish caught in the region. Of the summer flounder caught, 93% 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 8,500 full- and part-time jobs generated by recreational fishing activities in the state. Maryland (5,700 jobs), and Virginia (5,200 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 2009 were generated by expenditures on durable equipment: 67% in New York, 66% 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

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)

sales impacts and the contribution of these activities to gross domestic product (value added impacts). In 2009, sales impacts were the highest in New Jersey (\$1.4 billion in sales impacts), followed by Maryland (\$770 million), New York (\$680 million), Virginia (\$580 million), and Delaware (\$193 million). In the same year, value added impacts were the highest in New Jersey (\$728 million in value added impacts), followed by Maryland (\$392 million), New York (\$358 million), Virginia (\$306 million), and Delaware (\$89 million).

Overall, total fishing trip and durable equipment expenditures across the Mid-Atlantic Region in 2009 were \$3.5 billion. Approximately 77% of these expenditures were generated by durable equipment purchases. The greatest expenditures were for vehicle expenses (\$995 million), followed by fishing tackle (\$767 million), boat expenses (\$523 million), other equipment (\$214 million), and second home expenses (\$193 million). Fishing trip-related expenditures by the Mid-Atlantic Region's non-residents totaled over \$302 million of which the greatest portion can be attributed to private boat-based fishing trips (\$134 million). Residents of the Mid-Atlantic Region spent \$506 million on saltwater fishing trips, with the most of these expenses generated by private boat trips (\$310 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 2.6 million recreational anglers who fished in the Mid-Atlantic Region in 2009. This was a 25% increase from 2000 (2.1 million anglers). These anglers were Mid-Atlantic Region residents from either a coastal county (2.4 million anglers) or non-coastal county (187,000 anglers). Almost 93% of total anglers in 2009 were residents of a coastal county. Coastal county angler participation in 2009 increased 25% relative to 2000 (1.9 million anglers) and decreased 14% between 2008 and 2009. Non-coastal county angler participation increased 26% relative to 2000 (148,000 anglers) and decreased 5% relative to 2008 (197,000 anglers).

Fishing Trips

Recreational fishermen took 17 million fishing trips in the Mid-Atlantic Region in 2009. This was a 12% decrease from the 2000 (19 million trips) and was 3.5 million fewer trips than taken in 2008. Of the total trips taken in the Mid-Atlantic Region in 2009, approximately 57% of the trips were private or rental boat-based (9.8 million trips). The other most popular mode of fishing was shore based with 6.2 million trips in 2009.

Recreational Fishing Facts

Participation

- An average of 2.7 million anglers fished in Mid-Atlantic Region annually from 2000 to 2009.
- In 2009, coastal county residents made up 93% 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 2000 to 2009.
- Private or rental boat and shore-based fishing trips accounted for 9.8 million and 6.2 million fishing trips, respectively, in 2009. Together these made up 94% 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, 84% 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 (84% released).
- Spot (67% harvested), followed by winter flounder (63% harvested), and Atlantic croaker (48% harvested) were key species or groups that experienced the greatest proportion of harvests rather than releases.
- The largest annual change in the number of fish released was for releases of winter flounder, which increased 240% between 2008 and 2009; the largest annual 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 (24 million fish), Atlantic croaker (15 million fish), black seabass (7.8 million fish) and spot (7.7 million fish) were the most often caught by anglers in 2009. Summer flounder (93% released), black seabass (84% released), weakfish drum (82% released), tautog (74% released), striped bass (71% released), bluefish (63% released), scup (61% released), winter flounder (56% released), and Atlantic croaker (55% released) were more often released rather than harvested. The only species

harvested more often than released was spot (71% harvested).

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.

At the state level, summer flounder was the most often caught key species or species group in the Mid-Atlantic Region with 24 million fish caught, region-wide. Most of these fish were caught in New Jersey, New York, and Delaware with 12 million, 6.1 million, and 1.1 million fish, respectively. The most frequently caught fish in Maryland was spot with 3 million fish and Atlantic croaker was the most commonly caught fish in Virginia (12 million) in 2009.

Between 2000 and 2009, 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 (97%), winter flounder (88%), and black seabass (50%).

Marine Economy

The sum of the gross domestic products by state for Delaware, Maryland, New Jersey, New York, and Virginia was \$2.3 trillion in 2009. Employee compensation totaled \$1.4 trillion and annual payroll totaled \$882 billion. These economic measures increased 40% (a 20% increase in real terms) and 34% (a 14% increase in real terms), respectively between 2000 and 2008; and experienced a 2.4% increase (a 7.5% decrease in real terms), and 1.7% increase (a 8.2% decrease in real terms), respectively between 2007 and 2008. Approximately 1.1 million establishments employed 17 million full- and part-time employees across the region in 2008. This was a 6.2% increase in establishment numbers and a 5.1% increase in employee numbers from 2000 to 2008.

In 2008, 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 2007. 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 2008 in Virginia was 0.54 (a 42% increase from 2001).

Seafood Sales and Processing

In 2008, there were 228 nonemployer firms, businesses that have no paid employees and are subject to federal income tax, engaged in seafood product preparation and packaging across the Mid-Atlantic Region. This was a 119% increase from 2001 levels. In 2008, 32% of these firms were located in New York. Region-wide, annual receipts totaled \$14 million in

2008 and increased 11% from 2005 to 2009. Annual receipt totals experienced a 150% increase in Maryland between 2000 and 2008 from \$1.3 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 26% from 108 in 2001 to 80 in 2008. Approximately 28% 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.

here were 447 seafood wholesale establishments in 2008. The number of employees was not available at the region level. From 2000 to 2008, the number of seafood wholesale establishments decreased 27% across the Mid-Atlantic Region.

Nonemployer firms engaged in seafood retail in the Mid-Atlantic Region totaled 512 in 2008, a 2.2% increase relative to 2000. Of these firms, 16% were located in Maryland. At the state level, these firms showed a 2.1% decrease in New Jersey and increased 18% in Virginia between 2000 and 2008. Annual receipts in the region totaled \$53 million in 2008.

Employer establishments engaged in seafood retail increased 16% from 2000 to 2008, totaling 666 in 2008. These establishments employed 3,047 workers in 2007. In the Mid-Atlantic Region, annual payroll for seafood retail increased 39% from \$42 million in 2001 to \$58 million in 2008.

Transport, Support, and Marine Operations

For industries where data were available, marinas employed more people than any other industry in this sector, employing approximately 5,600 people in 2008. This industry also had the highest annual payroll in the region totaling \$213 million. Marinas had the highest number of establishments (947), followed by the ship and boat building industries with 186 establishments and the navigational services to shipping industries with 93 establishments.

In Maryland, industries with large changes in establishment numbers, employees, or annual payroll from 2007 to 2008 were: deep sea passenger transportation (200% increase in establishments), port and harbor operations (62% decrease in establishments), marine cargo handling (43% decrease in payroll) and navigational services to shipping (41% decrease in employees). In New Jersey, large changes were seen for deep sea freight transportation (97% increase in employees), deep sea freight transportation (72% increase in payroll), port and harbor operations (47% decrease in employees) and navigational services to shipping (32% decrease in payroll). In New York, large changes were seen in the deep sea freight transportation (66% increase in payroll), navigational services to shipping (43% decrease in payroll), port and harbor operations (40% decrease in establishments) and navigational services to shipping (33% decrease in employees).

2009 Economic Impacts of the Mid-Atlantic Region Seafood Industry (thousands of dollars)

	Landings Revenue	Jobs	Sales	Income	Value Added
Delaware	7,536	407	57,286	11,408	19,011
Maryland	76,057	14,778	1,654,072	408,338	634,712
New Jersey	149,032	37,887	5,831,812	1,306,417	2,120,274
New York	49,271	44,172	5,317,630	1,138,576	1,882,974
Virginia	152,730	19,064	1,736,517	482,440	722,111

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	347,357	348,231	342,397	357,210	407,276	440,084	362,198	416,866	457,517	434,763
Finfish & other	98,479	90,643	84,091	87,702	87,648	101,538	95,508	103,724	91,340	95,408
Shellfish	248,878	257,589	258,306	269,508	319,628	338,547	266,689	313,141	366,176	339,355
American lobster	15,250	9,828	6,273	5,569	5,656	6,696	9,116	7,695	8,876	5,028
Atlantic surf clam	34,973	34,211	34,692	35,366	26,760	27,084	29,580	32,479	5,670	26,426
Blue crab	66,278	70,871	61,660	60,799	69,364	71,073	55,638	69,122	82,861	84,826
Eastern oyster	9,949	8,587	9,814	8,903	5,663	6,703	6,485	10,301	11,064	8,974
Menhaden	30,041	27,783	24,123	24,352	25,570	28,188	24,466	29,918	22,229	27,590
Quahog clam	27,655	22,744	16,935	20,160	19,918	20,773	20,229	21,176	37,443	24,685
Sea scallop	66,135	75,275	91,237	111,969	160,665	181,327	120,142	147,052	165,919	161,775
Squid	13,189	9,904	9,287	6,497	14,278	9,163	7,729	7,446	11,865	7,161
Striped Bass	9,238	8,616	8,215	9,751	7,633	11,335	9,947	10,851	10,305	10,499
Summer flounder	7,769	7,078	8,700	10,678	13,244	13,615	12,364	10,319	9,825	10,281

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	715,376	835,425	702,234	710,738	757,107	708,741	667,307	741,428	682,448	695,636
Finfish & other	511,997	631,288	496,430	514,804	529,453	517,898	488,011	556,640	481,817	490,952
Shellfish	203,379	204,137	205,804	195,934	227,654	190,843	179,296	184,788	200,631	204,684
American lobster	3,775	2,633	1,705	1,181	1,394	1,585	1,772	1,397	1,877	1,286
Atlantic surf clam	63,614	60,421	62,134	64,601	50,984	50,921	50,556	53,952	8,753	41,692
Blue crab	62,360	61,045	63,076	56,047	68,979	70,983	61,873	59,164	63,133	77,404
Eastern oyster	2,883	2,217	1,713	1,493	859	1,202	984	1,194	1,384	1,023
Menhaden	403,599	518,487	394,606	398,744	421,309	412,672	400,784	471,641	363,233	395,643
Quahog clam	4,560	3,857	2,318	3,311	3,537	3,735	3,728	4,085	5,185	3,239
Sea scallop	14,258	21,160	24,887	28,213	33,381	24,526	18,279	22,918	24,507	25,639
Squid	28,238	15,465	15,187	10,462	41,586	12,260	9,746	8,608	31,263	8,314
Striped Bass	5,602	4,930	4,591	5,273	3,927	5,706	4,746	5,396	5,512	5,860
Summer flounder	4,879	5,164	6,433	7,315	8,400	8,360	6,609	4,502	4,336	5,258

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American lobster	4.04	3.73	3.68	4.71	4.06	4.22	5.15	5.51	4.73	3.91
Atlantic surf clam	0.55	0.57	0.56	0.55	0.52	0.53	0.59	0.60	0.65	0.63
Blue crab	1.06	1.16	0.98	1.08	1.01	1.00	0.90	1.17	1.31	1.10
Eastern oyster	3.45	3.87	5.73	5.96	6.59	5.58	6.59	8.63	7.99	8.78
Menhaden	0.07	0.05	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.07
Quahog clam	6.06	5.90	7.31	6.09	5.63	5.56	5.43	5.18	7.22	7.62
Sea scallop	4.64	3.56	3.67	3.97	4.81	7.39	6.57	6.42	6.77	6.31
Squid	0.47	0.64	0.61	0.62	0.34	0.75	0.79	0.86	0.38	0.86
Striped Bass	1.65	1.75	1.79	1.85	1.94	1.99	2.10	2.01	1.87	1.79
Summer flounder	1.59	1.37	1.35	1.46	1.58	1.63	1.87	2.29	2.27	1.96

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Value Added	Income
Delaware	919,745	1,270	193,334	57,868	88,837
Maryland	2,810,856	5,714	769,979	256,712	391,707
New Jersey	5,444,283	8,513	1,412,488	460,214	727,751
New York	4,916,892	4,568	680,460	231,727	358,112
Virginia	2,984,055	5,167	579,911	195,045	306,436

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	766,528
For-Hire	52,609	66,863	Other Equipment	214,316
Private Boat	134,319	309,688	Boat Expenses	522,711
Shore	115,268	129,524	Vehicle Expenses	995,246
<i>Total Trip Expenditures</i>	302,199	506,075	Second Home Expenses	193,030
			<i>Total Durable Equipment Expenditures</i>	2,691,832
Total State Trip and Durable Equipment Expenditures				3,500,106

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	1,944	2,290	1,643	2,229	2,363	3,002	2,876	3,234	2,823	2,437
Non-Coastal	148	190	139	144	157	252	224	212	197	187
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	2,091	2,480	1,783	2,372	2,520	3,254	3,100	3,446	3,020	2,623

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	1,134	1,323	1,024	1,182	1,323	1,152	1,339	1,399	940	1,100
Private Boat	11,324	11,982	9,551	11,286	11,084	11,730	12,123	12,551	11,710	9,759
Shore	6,993	7,901	6,071	7,383	6,327	7,935	7,895	8,768	7,949	6,217
Total Trips	19,451	21,206	16,646	19,852	18,734	20,817	21,357	22,718	20,599	17,076

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Black seabass	H	3,330	2,636	3,057	3,033	1,590	1,060	1,317	1,515	817	1,246
	R	12,381	10,519	10,328	8,381	5,668	5,405	5,966	7,534	8,981	6,570
Bluefish	H	2,580	3,227	2,518	3,193	4,274	5,176	4,037	4,556	3,837	2,449
	R	6,311	6,519	4,579	4,196	5,793	7,121	5,513	7,736	7,187	4,252
Drum (Atlantic croaker)	H	9,702	12,145	10,868	9,349	9,830	10,790	9,464	9,602	8,039	6,752
	R	14,162	9,811	10,361	9,425	7,928	11,136	8,059	12,331	11,522	8,302
Drum (spot)	H	2,763	2,196	2,314	4,772	3,725	5,245	6,347	10,694	7,724	5,468
	R	1,788	1,562	1,016	1,657	1,591	4,163	2,587	3,933	4,879	2,258
Porgies (scup)	H	3,309	2,058	1,187	5,271	1,713	821	1,528	1,715	1,753	1,595
	R	1,491	1,983	1,551	2,379	2,857	1,839	3,145	2,296	3,861	2,480
Striped bass	H	1,554	1,475	1,252	1,662	1,574	1,503	1,994	1,512	1,432	1,364
	R	6,677	5,464	5,053	7,802	8,474	8,009	9,511	7,114	4,838	3,367
Summer flounder	H	5,869	4,393	2,633	3,922	3,598	3,303	3,393	2,792	1,768	1,691
	R	15,773	21,881	11,852	14,902	15,235	21,311	15,419	18,489	20,260	22,294
Weakfish drum	H	1,876	1,315	918	308	331	1,125	497	276	336	37
	R	4,284	2,732	1,689	1,363	1,387	1,906	1,877	1,079	1,687	170
Winter flounder	H	1,317	795	362	541	331	196	248	209	75	107
	R	678	475	266	183	85	264	288	57	40	137
Wrasses (tautog)	H	710	617	1,231	384	832	376	721	808	630	698
	R	1,493	1,694	2,534	1,010	1,648	1,221	2,239	2,472	2,057	2,015

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

2009 Economic Impacts of the Delaware Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	407	57,286	11,408	19,011
Commercial Harvesters	158	13,807	3,285	4,449
Seafood Processors & Dealers	32	5,671	998	1,918
Importers	63	17,303	2,773	5,275
Seafood Wholesalers & Distributors	30	4,086	1,553	1,852
Retail	125	16,420	2,798	5,518

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	6,833	7,660	6,067	5,204	5,419	6,113	5,677	7,266	6,390	7,536
Finfish & other	1,379	1,080	986	1,465	1,258	1,273	1,315	642	635	1,061
Shellfish	5,454	6,580	5,081	3,739	4,161	4,840	4,361	6,624	5,755	6,475
American eel	192	126	118	230	169	100	275	133	190	134
Black sea bass	142	42	21	181	181	157	190	185	141	144
Blue crab	5,086	5,140	3,511	1,899	2,839	3,429	2,961	5,329	4,605	5,435
Eastern oyster	ND ¹	172	478	305	361	485	459	490	410	334
Quahog clam	243	233	392	435	175	220	193	ND ³	ND ³	ND ³
Sea scallop	ND ³	ND ³	ND ³	ND ³	12	102	121	ND ³	256	173
Spot	17	51	8	46	38	98	53	43	0	54
Striped bass	245	365	336	479	497	494	501	137	52	356
Weakfish	318	133	176	83	61	82	55	22	11	6
Whelks	113	1,015	694	1,079	690	562	601	ND ³	312	ND ³

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	6,741	7,140	5,857	5,018	4,288	4,851	4,369	4,881	4,371	5,010
Finfish & other	2,497	2,078	1,933	2,264	1,349	1,470	1,144	640	527	1,154
Shellfish	4,244	5,062	3,925	2,754	2,938	3,381	3,224	4,240	3,844	3,856
American eel	119	121	90	156	142	110	120	59	80	60
Black sea bass	94	25	12	98	84	73	87	63	51	50
Blue crab	4,092	4,085	3,062	1,792	2,276	2,924	2,856	3,799	3,508	3,414
Eastern oyster	ND ³	78	133	76	79	84	75	80	67	67
Quahog clam	76	64	134	141	54	69	60	ND ³	ND ³	ND ³
Sea scallop	ND ³	ND ³	ND ³	ND ³	2	13	20	ND ³	38	25
Spot	32	78	14	77	59	155	57	67	0	71
Striped bass	145	199	146	191	176	174	182	49	22	193
Weakfish	329	188	173	91	51	71	33	13	5	3
Whelks	65	828	590	729	491	276	203	ND ³	203	ND ³

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American eel	1.61	1.04	1.31	1.48	1.19	0.91	2.28	2.24	2.38	2.24
Black sea bass	1.52	1.66	1.69	1.86	2.17	2.15	2.18	2.92	2.76	2.87
Blue crab	1.24	1.26	1.15	1.06	1.25	1.17	1.04	1.40	1.31	1.59
Eastern oyster	ND ³	2.21	3.60	4.00	4.57	5.76	6.10	6.14	6.09	4.97
Quahog clam	3.21	3.67	2.92	3.09	3.26	3.18	3.22	ND ³	ND ³	ND ³
Sea scallop	ND ³	ND ³	ND ³	ND ³	5.18	8.08	6.19	ND ³	6.81	6.80
Spot	0.52	0.66	0.59	0.60	0.65	0.63	0.92	0.65	0.70	0.76
Striped bass	1.69	1.84	2.30	2.50	2.82	2.84	2.75	2.82	2.39	1.84
Weakfish	0.97	0.71	1.02	0.91	1.18	1.16	1.64	1.68	1.96	1.88
Whelks	1.73	1.23	1.18	1.48	1.41	2.04	2.96	ND ³	1.54	ND ³

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	71	6,792	2,210	3,883
Private Boat	258	30,396	8,777	15,153
Shore	304	29,155	9,185	15,484
Total Durable Equipment Impacts	638	126,991	37,695	54,317
Total State Trip and Durable Equipment Economic Impacts	1,270	193,334	57,868	88,837

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	34,635
For-Hire	3,753	1,164	Other Equipment	10,858
Private Boat	16,042	10,890	Boat Expenses	9,961
Shore	19,310	6,486	Vehicle Expenses	91,169
<i>Total Trip Expenditures</i>	<i>39,106</i>	<i>18,540</i>	Second Home Expenses	7,411
			<i>Total Durable Equipment Expenditures</i>	<i>154,034</i>
Total State Trip and Durable Equipment Expenditures				211,680

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	82	107	89	127	116	120	137	150	134	114
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	201	226	177	199	243	191	205	224	182	173
Total Anglers	283	333	266	326	359	311	342	374	315	287

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	42	71	63	38	65	48	42	53	46	43
Private	606	672	535	552	679	568	671	731	553	498
Shore	448	436	429	514	434	459	465	512	468	379
Total Trips	1,096	1,180	1,028	1,104	1,177	1,074	1,179	1,296	1,067	920

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic mackerel	H	1	23	6	(1)	7	(1)	(1)	(1)	(1)	(1)
	R	(1)	1	1	(1)	(1)	(1)	(1)	(1)	(1)	2
Black seabass	H	151	203	607	307	106	62	128	76	25	50
	R	820	1,003	1,233	832	448	250	460	544	477	330
Bluefish	H	132	102	117	89	136	152	96	172	82	122
	R	303	221	435	120	322	217	322	479	246	207
Drum (Atlantic croaker)	H	518	312	262	341	494	934	863	401	349	427
	R	695	285	361	655	483	761	1,034	618	609	516
Drum (weakfish) ³	H	312	72	122	20	7	19	11	4	4	5
	R	465	227	101	39	79	111	121	19	61	5
Striped bass	H	40	41	29	30	25	20	19	10	17	22
	R	152	163	115	169	151	225	246	251	261	153
Summer flounder	H	336	146	107	106	124	91	110	118	33	92
	R	797	1,051	498	415	850	841	534	1,096	722	978
White perch	H	48	44	40	30	63	43	65	27	55	52
	R	140	117	72	134	187	116	147	143	162	81
Wrasses (tautog)	H	114	51	186	63	143	72	117	89	122	117
	R	324	209	412	167	263	251	216	267	206	180
Yellowfin tuna	H	6	16	10	2	1	3	2	(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
2000	23,771 (0.34%)	377,277 (0.33%)	14,320 (0.37%)	18,784 (0.41%)	40,957 (0.32%)	ND ²
2008	25,174 (0.33%)	389,510 (0.32%)	17,566 (0.34%)	25,937 (0.42%)	60,534 (0.32%)	0.14
% change	5.9%	3.24%	22.7%	38.1%	47.8%	--

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	NA ³	0	0	0	0	3	3	0	3
	Receipts	NA ⁴	ND ³	ND ³	ND ³	ND ³	64	214	ND ³	27
Seafood Sales, retail	Firms	0	5	5	7	9	12	9	12	9
	Receipts	ND ³	214	435	959	803	1,523	835	1,025	418

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	1	1	1	1	1	1	1	1	1
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Seafood sales, wholesale	Establishments	4	5	7	5	2	3	3	3	6
	Employees	ND ³	ND ³	65	ND ³	ND ³	ND ³	9	ND ³	ND ³
	Payroll	ND ³	ND ³	2,279	ND ³	ND ³	ND ³	337	ND ³	ND ³
Seafood sales, retail	Establishments	13	12	15	18	16	14	17	19	18
	Employees	ND ³	65	94	ND ³	144	138	135	105	ND ³
	Payroll	ND ³	1,243	1,779	ND ³	3,363	3,264	3,133	2,997	1,498

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	1	4	8	5	3	3	3	3	2
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Deep sea freight transportation	Establishments	3	3	2	2	1	1	NA ⁴	NA ⁴	4
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	ND ³
Deep sea passenger transportation	Establishments	1	1	1	NA ⁴	NA ⁴	1	NA ⁴	NA ⁴	NA ⁴
	Employees	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	ND ³	NA ⁴	NA ⁴	NA ⁴
	Payroll	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	ND ³	NA ⁴	NA ⁴	NA ⁴
Marinas	Establishments	14	12	13	17	17	16	18	17	19
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	88	65
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	2,540	1,738
Marine cargo handling	Establishments	6	5	6	5	5	4	4	3	3
	Employees	272	257	199	513	ND ³	ND ³	597	527	629
	Payroll	4,570	4,482	14,718	14,879	ND ³	ND ³	18,812	19,027	19,204
Navigational services to shipping	Establishments	8	10	10	10	9	9	8	8	9
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	75	76	79
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	4,783	4,961	5,360
Port & harbor operations	Establishments	NA ⁴	NA ⁴	NA ⁴	1	2	2	3	2	2
	Employees	NA ⁴	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	NA ⁴	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Ship & boat building	Establishments	4	3	1	1	1	1	1	1	2
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³

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 available⁴NA = these data are not available

2009 Economic Impacts of the Maryland Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	14,778	1,654,072	408,338	634,712
Commercial Harvesters	2,789	134,094	38,458	59,861
Seafood Processors & Dealers	1,744	154,404	60,170	76,834
Importers	3,649	1,003,664	160,856	305,961
Seafood Wholesalers & Distributors	785	104,164	35,408	47,015
Retail	5,812	257,746	113,446	145,042

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	53,874	55,591	49,013	49,038	49,200	63,754	53,579	65,609	73,434	76,057
Finfish & other	10,010	8,574	8,135	8,095	4,670	10,766	9,896	12,410	11,300	11,957
Shellfish	43,864	47,017	40,878	40,943	44,530	52,988	43,684	53,199	62,134	64,100
Atlantic croaker	569	676	512	576	751	543	440	389	498	444
Black sea bass	475	244	436	555	573	724	811	ND ¹	ND ³	421
Blue crab	30,843	34,681	30,338	34,532	39,104	39,962	31,141	41,700	50,115	52,020
Clams or bivalves	5,094	8,073	8,002	5,170	4,654	4,784	4,889	5,074	5,436	4,403
Eastern oyster	7,192	3,789	2,172	706	181	3,435	1,238	3,146	2,277	3,849
Menhaden	523	382	423	337	232	1,514	609	1,379	921	909
Sea scallop	108	108	96	ND ³	417	4,549	6,200	2,809	3,758	3,160
Striped bass	4,216	3,418	3,759	3,916	1,549	4,259	4,591	5,333	5,232	5,181
Summer flounder	ND ³	ND ³	ND ³	527	444	677	549	ND ³	703	876
White perch	941	801	559	556	347	848	568	619	776	943

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	48,913	55,539	53,185	49,350	49,509	67,489	51,226	61,813	63,692	68,313
Finfish & other	16,164	16,089	15,275	13,468	8,055	25,000	12,719	21,785	18,773	20,420
Shellfish	32,749	39,450	37,909	35,882	41,454	42,489	38,507	40,028	44,919	47,893
Atlantic croaker	1,502	2,233	1,513	1,532	1,801	1,389	877	655	872	597
Black sea bass	305	150	280	313	284	337	350	ND ³	ND ³	119
Blue crab	22,847	25,933	26,481	27,816	33,826	34,914	29,446	30,784	34,872	40,284
Clams or bivalves	7,111	11,911	10,663	7,527	7,270	6,112	7,756	7,947	8,600	6,292
Eastern oyster	2,368	1,274	567	159	43	738	274	317	249	498
Menhaden	4,871	4,619	4,850	4,232	3,336	15,806	5,263	13,752	9,660	9,562
Sea scallop	21	28	27	ND ³	94	591	931	450	569	521
Striped bass	2,705	2,049	2,085	2,193	885	2,349	2,485	2,640	2,655	2,813
Summer flounder	ND ³	ND ³	ND ³	329	262	338	248	ND ³	282	329
White perch	1,921	1,947	1,583	1,477	453	1,524	688	973	858	1,301

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic croaker	0.38	0.30	0.34	0.38	0.42	0.39	0.50	0.59	0.57	0.74
Black sea bass	1.56	1.62	1.56	1.77	2.02	2.15	2.31	ND ³	ND ³	3.54
Blue crab	1.35	1.34	1.15	1.24	1.16	1.14	1.06	1.35	1.44	1.29
Clams or bivalves	0.72	0.68	0.75	0.69	0.64	0.78	0.63	0.64	0.63	0.70
Eastern oyster	3.04	2.97	3.83	4.45	4.23	4.66	4.52	9.92	9.13	7.73
Menhaden	0.11	0.08	0.09	0.08	0.07	0.10	0.12	0.10	0.10	0.10
Sea scallop	5.10	3.81	3.52	ND ³	4.44	7.70	6.66	6.25	6.60	6.06
Striped bass	1.56	1.67	1.80	1.79	1.75	1.81	1.85	2.02	1.97	1.84
Summer flounder	ND ³	ND ³	ND ³	1.60	1.69	2.01	2.22	ND ³	2.49	2.66
White perch	0.49	0.41	0.35	0.38	0.77	0.56	0.83	0.64	0.90	0.72

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	431	37,442	12,713	22,010
Private Boat	564	60,713	21,206	37,018
Shore	1,039	96,225	33,564	56,757
Total Durable Equipment Impacts	3,680	575,600	189,229	275,922
Total State Trip and Durable Equipment Economic Impacts	5,714	769,979	256,712	391,707

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	156,664
For-Hire	11,238	14,019	Other Equipment	37,579
Private Boat	15,865	42,545	Boat Expenses	74,412
Shore	57,639	22,524	Vehicle Expenses	296,513
<i>Total Trip Expenditures</i>	<i>84,743</i>	<i>79,088</i>	Second Home Expenses	63,193
			<i>Total Durable Equipment Expenditures</i>	<i>628,361</i>
Total State Trip and Durable Equipment Expenditures				792,192

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	461	565	430	526	442	620	733	850	643	514
Non-Coastal	51	50	41	53	39	49	84	78	50	43
Out of State	481	426	330	418	333	425	447	528	507	327
Total Anglers	994	1041	801	997	815	1095	1264	1456	1200	884

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	204	174	182	187	264	181	235	219	142	205
Private	2,204	2,340	1,596	2,033	1,499	1,933	1,980	2,440	1,965	1,598
Shore	1,442	1,275	1,059	1,110	881	1,066	1,374	1,387	1,286	1,008
Total Trips	3,851	3,790	2,837	3,330	2,645	3,180	3,589	4,045	3,393	2,811

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Black seabass	H	434	119	337	241	158	81	104	53	34	30
	R	3,224	2,324	925	773	618	784	799	1,331	1,128	462
Bluefish	H	344	429	199	214	373	240	509	705	660	335
	R	1,150	1,074	577	518	683	344	850	1,381	1,855	494
Drum (Atlantic croaker)	H	2,675	1,320	1,223	1,620	871	810	833	1,093	689	1,038
	R	4,968	1,586	2,523	1,393	819	951	1,792	1,631	2,069	780
Drum (spot)	H	1,390	1,089	691	3,301	1,375	2,007	2,645	3,843	2,297	2,171
	R	1,080	577	501	670	577	2,186	1,467	1,422	2,040	784
Drum (weakfish) ²	H	475	303	100	41	30	22	(1)	10	3	2
	R	1,209	737	286	181	132	55	57	106	30	7
Striped bass	H	506	383	282	525	380	490	649	679	442	530
	R	3,245	2,890	2,929	4,653	3,739	3,753	3,896	2,998	1,406	1,218
Summer flounder	H	258	139	69	41	66	85	58	157	90	90
	R	1,513	1,245	383	373	952	433	511	1,626	1,306	1,029
White perch	H	1,611	565	1,156	2,020	1,441	2,436	2,558	2,990	1,418	727
	R	3,721	1,583	1,754	3,698	3,035	5,394	4,331	5,101	3,557	1,141
Wrasses (tautog)	H	20	24	42	14	14	40	14	107	24	45
	R	128	138	295	96	36	255	211	390	335	168
Yellowfin tuna	H	9	26	18	26	4	11	21	7	(1)	7
	R	(1)	2	(1)	(1)	(1)	2	(1)	1	(1)	2

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
2000	128,467 (1.8%)	2,058,304 (1.8%)	70,877 (1.8%)	114,789 (1.9%)	182,953 (2%)	0.74 ²
2008	138,607 (1.8%)	2,232,490 (1.8%)	99,650 (1.9%)	170,903 (2%)	281,472 (2.1%)	0.46
% change	7.89%	8.46%	40.6%	48.9%	53.8%	-37.8%

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	28	25	50	47	51	57	55	56	56
	Receipts	1,325	1,997	3,199	2,487	2,301	2,727	2,751	3,940	3,310
Seafood Sales, retail	Firms	71	62	79	78	70	78	73	99	84
	Receipts	7,012	5,904	8,629	6,771	10,100	6,976	7,755	10,493	9,010

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	27	26	24	23	23	23	19	22	22
	Employees	894	889	807	762	895	1,141	1,053	1,296	1,003
	Payroll	22,309	23,686	20,618	20,399	23,039	24,986	28,852	32,386	39,328
Seafood sales, wholesale	Establishments	92	94	77	63	58	59	59	62	60
	Employees	903	913	870	686	733	709	694	978	851
	Payroll	26,940	28,847	33,072	27,934	29,813	30,148	32,943	50,353	42,296
Seafood sales, retail	Establishments	71	78	88	97	96	95	97	102	94
	Employees	474	475	488	459	579	576	617	613	590
	Payroll	8,309	8,853	10,033	10,634	12,328	13,019	14,190	14,777	11,510

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	9	10	8	9	11	10	10	8	6
	Employees	155	178	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	7,372	7,969	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Deep sea freight transportation	Establishments	12	12	14	16	15	16	14	14	13
	Employees	ND ³	ND ³	123	ND ³	281	316	ND ³	244	250
	Payroll	ND ³	ND ³	9,216	ND ³	18,983	14,131	ND ³	14,905	19,765
Deep sea passenger transportation	Establishments	1	1	4	3	2	1	1	1	3
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Marinas	Establishments	187	185	188	180	183	185	179	183	179
	Employees	1,172	1,240	1,232	1,296	1,321	1,228	1,260	1,326	1,383
	Payroll	30,207	32,088	33,621	34,024	36,598	36,590	40,866	48,752	45,965
Marine cargo handling	Establishments	13	15	16	14	11	12	13	15	15
	Employees	1,751	1,505	1,487	1,862	1,725	1,639	1,659	1,791	1,572
	Payroll	60,915	63,172	66,525	69,084	75,911	81,219	73,367	85,328	48,382
Navigational services to shipping	Establishments	12	13	13	11	8	9	9	8	9
	Employees	ND ³	275	ND ³	195	ND ³	ND ³	ND ³	157	92
	Payroll	ND ³	18,710	ND ³	38,619	ND ³	ND ³	ND ³	4,882	3,968
Port & harbor operations	Establishments	4	4	7	8	10	11	11	8	3
	Employees	ND ³	319	259	376	479	ND ³	ND ³	323	ND ³
	Payroll	ND ³	9,545	11,655	16,099	19,218	ND ³	ND ³	13,427	ND ³
Ship & boat building	Establishments	38	40	44	55	58	57	55	48	46
	Employees	ND ³	1,421	1,223	1,426	1,022	ND ³	1,119	874	677
	Payroll	ND ³	48,561	40,743	36,444	35,364	ND ³	33,463	29,500	22,363

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

²CFLQ data for 2000 were not available. Data from 2001 are reported here.

³ND = these data are confidential thus not disclosable

2009 Economic Impacts of the New Jersey Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	37,887	5,831,812	1,306,417	2,120,274
Commercial Harvesters	2,517	297,009	78,029	126,560
Seafood Processors & Dealers	5,336	494,194	187,161	244,283
Importers	14,662	4,033,309	646,415	1,229,529
Seafood Wholesalers & Distributors	2,271	365,477	117,464	159,728
Retail	13,101	641,823	277,348	360,174

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	107,163	110,246	112,708	120,670	145,217	158,746	136,039	151,445	168,519	149,032
Finfish & other	23,308	19,858	20,062	22,017	21,369	22,585	24,476	24,171	19,946	23,033
Shellfish	83,855	90,389	92,646	98,653	123,847	136,161	111,563	127,274	148,573	125,999
American lobster	3,694	2,471	1,139	1,028	1,800	2,001	2,533	4,056	3,214	850
Atlantic herring	ND ¹	32	60	145	7	298	389	563	ND ³	1,564
Atlantic mackerel	1,205	1,695	1,780	2,855	3,398	3,957	3,709	668	ND ³	1,539
Blue crab	5,490	4,802	6,725	4,736	5,330	6,773	6,359	6,004	7,284	185
Eastern oyster	967	1,918	1,853	3,366	1,558	823	2,288	2,231	2,547	ND ³
Goosefish	6,505	6,135	5,896	6,200	3,446	4,451	4,415	4,484	4,005	3,018
Ocean quahog & surf clams	37,766	41,193	39,804	38,054	31,379	25,567	31,038	32,362	ND ³	27,496
Quahog clam	6,757	5,636	ND ³	5,228	7,409	7,556	7,615	968	6,306	ND ³
Sea scallop	24,108	29,983	33,336	43,507	67,309	88,486	57,465	77,359	91,320	90,111
Summer flounder	2,604	2,313	3,504	3,683	4,134	4,478	4,926	3,989	3,461	3,377

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	171,803	168,541	162,139	170,133	187,377	156,695	152,781	153,838	162,301	161,599
Finfish & other	71,574	71,867	65,737	75,471	71,450	74,193	66,316	65,155	62,816	73,605
Shellfish	100,229	96,674	96,401	94,662	115,926	82,502	86,465	88,683	99,484	87,994
American lobster	891	580	264	210	370	369	471	680	633	180
Atlantic herring	ND ³	708	1,138	1,805	119	2,264	2,451	6,039	ND ³	13,692
Atlantic mackerel	9,645	25,224	20,486	33,056	36,091	32,414	24,977	5,384	ND ³	10,255
Blue crab	5,093	4,724	6,229	4,012	4,350	6,333	5,981	4,821	5,816	257
Eastern oyster	202	412	379	714	323	162	350	444	550	ND ³
Goosefish	4,414	5,855	5,697	7,185	4,177	3,881	3,841	4,229	3,694	2,687
Ocean quahog & surf clams	72,858	73,900	73,949	71,683	61,155	49,849	55,286	55,746	ND ³	45,306
Quahog clam	1,622	1,357	ND ³	1,260	1,796	1,852	1,844	240	1,529	ND ³
Sea scallop	4,949	8,219	8,644	10,638	13,705	11,831	8,439	11,808	13,279	14,038
Summer flounder	1,848	1,745	2,407	2,385	2,630	2,349	2,380	1,697	1,541	1,799

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American lobster	4.14	4.26	4.31	4.90	4.86	5.42	5.38	5.96	5.08	4.73
Atlantic herring	ND ³	0.05	0.05	0.08	0.06	0.13	0.16	0.09	ND ³	0.11
Atlantic mackerel	0.12	0.07	0.09	0.09	0.09	0.12	0.15	0.12	ND ³	0.15
Blue crab	1.08	1.02	1.08	1.18	1.23	1.07	1.06	1.25	1.25	0.72
Eastern oyster	4.77	4.65	4.88	4.72	4.82	5.09	6.53	5.02	4.63	ND ³
Goosefish	1.47	1.05	1.03	0.86	0.83	1.15	1.15	1.06	1.08	1.12
Ocean quahog & surf clams	0.52	0.56	0.54	0.53	0.51	0.51	0.56	0.58	ND ³	0.61
Quahog clam	4.17	4.15	ND ³	4.15	4.13	4.08	4.13	4.04	4.12	ND ³
Sea scallop	4.87	3.65	3.86	4.09	4.91	7.48	6.81	6.55	6.88	6.42
Summer flounder	1.41	1.32	1.46	1.54	1.57	1.91	2.07	2.35	2.25	1.88

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	696	75,112	25,297	43,667
Private Boat	1,355	192,034	57,842	99,347
Shore	817	97,885	31,778	53,218
Total Durable Equipment Impacts	5,644	1,047,456	345,297	531,519
Total State Trip and Durable Equipment Economic Impacts	8,513	1,412,488	460,214	727,751

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	306,360
For-Hire	27,805	20,999	Other Equipment	63,500
Private Boat	47,250	104,528	Boat Expenses	180,973
Shore	30,201	49,778	Vehicle Expenses	358,442
<i>Total Trip Expenditures</i>	105,256	175,305	Second Home Expenses	39,110
			<i>Total Durable Equipment Expenditures</i>	948,385
Total State Trip and Durable Equipment Expenditures				1,228,946

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	544	721	400	592	708	818	693	890	765	656
Non-Coastal	17	42	17	20	31	39	25	19	26	35
Out of State	430	543	239	462	379	471	481	518	456	454
Total Anglers	990	1306	656	1074	1117	1328	1199	1427	1246	1145

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	518	643	368	466	501	408	630	545	388	434
Private	3,727	4,025	2,992	3,602	3,892	3,765	3,859	3,634	3,567	2,753
Shore	2,224	2,817	2,049	2,711	2,152	2,476	2,803	3,256	2,804	2,257
Total Trips	6,469	7,484	5,409	6,779	6,544	6,649	7,292	7,436	6,760	5,444

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Black seabass	H	1,962	1,919	1,760	1,903	1,173	667	692	1,006	456	608
	R	5,545	4,371	4,318	4,295	2,833	2,463	2,090	2,882	4,221	3,003
Bluefin tuna	H	8	11	7	9	9	8	4	5	3	9
	R	(1)	4	(1)	(1)	31	26	35	1	(1)	2
Bluefish	H	1,236	1,431	1,321	1,571	2,012	2,035	1,457	1,645	1,296	762
	R	1,907	2,056	2,168	1,913	2,403	2,644	1,930	3,146	1,752	1,386
Drum (weakfish) ²	H	760	736	493	151	184	1,053	418	209	270	11
	R	1,605	1,065	351	631	607	1,280	1,231	581	1,255	82
Red hake	H	96	51	12	16	12	6	111	1	175	218
	R	5	5	(1)	15	6	6	15	(1)	24	24
Striped bass	H	402	560	416	392	449	327	489	206	318	269
	R	885	966	715	926	1,324	1,197	2,102	1,495	1,452	719
Summer flounder	H	3,023	2,070	989	1,784	1,887	1,396	1,561	1,328	851	1,013
	R	7,261	10,343	4,205	5,807	7,212	9,931	6,823	7,125	9,349	11,294
Winter flounder	H	1,080	562	208	307	95	46	43	194	14	5
	R	441	188	124	110	29	42	192	42	10	35
Wrasses (tautog)	H	462	468	348	103	131	37	195	342	183	153
	R	627	1,006	836	394	426	335	563	1,353	709	1,007
Yellowfin tuna	H	55	9	14	22	25	22	41	25	6	5
	R	(1)	(1)	4	(1)	1	(1)	1	(1)	1	7

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
2000	233,559 (3.3%)	3,548,429 (3.1%)	147,082 (3.8%)	206,136 (3.5%)	349,334 (3.6%)	1.17 ²
2008	238,440 (3.1%)	3,640,654 (3%)	185,394 (3.6%)	272,957 (3.4%)	486,556 (3.4%)	1.11
% change	2.09%	2.6%	26%	32.4%	39.3%	-5.13%

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	17	14	21	23	23	26	27	25	22
	Receipts	2,545	2,878	2,673	2,279	2,694	3,086	3,027	2,399	1,851
Seafood Sales, retail	Firms	94	87	92	100	89	93	72	90	92
	Receipts	8,289	8,368	8,348	8,822	9,219	9,194	8,916	11,320	11,196

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	16	18	17	16	15	17	16	16	14
	Employees	816	1,100	928	846	749	969	667	628	566
	Payroll	20,655	27,302	23,045	20,794	21,029	28,235	22,097	18,403	18,703
Seafood sales, wholesale	Establishments	107	112	102	84	85	85	89	101	81
	Employees	1,028	1,023	969	920	948	914	941	978	856
	Payroll	37,609	39,677	37,394	35,991	38,066	37,828	41,506	41,994	37,462
Seafood sales, retail	Establishments	125	125	149	133	134	128	127	124	118
	Employees	571	549	559	454	547	524	493	472	368
	Payroll	9,621	10,183	10,225	10,513	11,952	11,787	11,373	10,352	9,372

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	18	21	13	15	17	18	18	23	18
	Employees	ND ³	532	ND ³	768	ND ³	914	1,040	778	645
	Payroll	ND ³	36,912	ND ³	45,024	ND ³	54,097	68,096	56,017	48,911
Deep sea freight transportation	Establishments	37	33	35	37	33	38	39	31	27
	Employees	1,373	1,451	1,397	1,287	1,028	948	648	566	1,115
	Payroll	74,915	86,618	78,258	70,996	65,691	68,633	45,940	44,133	75,848
Deep sea passenger transportation	Establishments	3	4	4	5	4	5	4	2	2
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Marinas	Establishments	209	211	199	203	201	206	204	216	211
	Employees	ND ³	ND ³	927	951	945	978	940	1,045	916
	Payroll	ND ³	ND ³	32,480	34,777	36,862	38,323	39,154	41,624	39,596
Marine cargo handling	Establishments	26	26	29	27	26	26	25	23	21
	Employees	3,887	3,418	3,408	4,108	4,685	4,972	4,599	4,781	4,244
	Payroll	227,064	187,150	247,217	318,325	340,085	363,714	345,784	350,690	278,189
Navigational services to shipping	Establishments	22	21	22	16	17	16	19	26	20
	Employees	408	183	ND ³	210	ND ³	169	ND ³	227	191
	Payroll	22,315	10,359	ND ³	8,028	ND ³	9,673	ND ³	11,403	7,776
Port & harbor operations	Establishments	6	5	5	5	6	7	6	8	6
	Employees	375	376	ND ³	240	ND ³	194	ND ³	271	143
	Payroll	18,804	21,855	ND ³	10,644	ND ³	11,599	ND ³	12,197	12,446
Ship & boat building	Establishments	43	45	41	37	35	37	34	31	30
	Employees	2,178	2,185	2,223	2,005	2,040	2,320	2,307	2,305	2,019
	Payroll	71,918	70,980	76,607	75,149	80,301	89,421	88,367	91,460	79,309

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

²CFLQ data for 2000 were not available. Data from 2001 are reported here.

³ND = these data are confidential thus not disclosable

2009 Economic Impacts of the New York Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	44,172	5,317,630	1,138,576	1,882,974
Commercial Harvesters	1,819	88,203	25,356	38,994
Seafood Processors & Dealers	941	135,292	51,440	66,909
Importers	14,766	4,061,750	650,973	1,238,199
Seafood Wholesalers & Distributors	4,342	316,258	106,915	144,157
Retail	22,303	716,128	303,893	394,715

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	61,121	55,072	51,264	51,601	46,878	56,367	57,725	58,964	58,943	49,271
Finfish & other	16,495	18,864	15,924	16,426	16,765	18,317	19,143	20,480	18,839	17,495
Shellfish	44,626	36,208	35,341	35,175	30,113	38,051	38,582	38,484	40,103	31,777
American lobster	11,555	7,357	5,131	4,426	3,722	4,396	6,289	3,639	5,498	3,936
Atlantic surf clam	3,602	4,885	5,520	7,934	4,475	7,055	4,473	5,932	5,670	5,858
Eastern oyster	1,311	2,137	4,995	4,263	3,367	1,961	2,390	2,627	2,870	1,428
Flounder, Summer	2,007	1,778	2,042	2,240	3,275	3,797	3,418	3,133	2,933	3,088
Loligo squid	8,423	6,035	6,247	4,353	5,426	6,054	5,846	5,159	5,290	4,169
Quahog clam	17,547	13,502	12,245	12,399	10,673	12,696	12,237	14,224	13,185	8,397
Scups or porgies	909	703	1,185	1,330	1,637	2,027	2,457	2,349	1,710	1,887
Sea scallop	239	718	90	164	720	3,617	3,518	3,872	5,050	5,018
Softshell clam	848	561	679	888	1,227	1,468	2,055	1,628	1,076	ND ¹
Tilefishes	2,053	3,191	3,195	2,736	2,082	2,765	3,323	3,845	3,343	3,240

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	44,702	42,388	38,548	39,388	34,514	38,150	32,659	35,594	34,521	34,413
Finfish & other	18,585	21,018	16,540	17,223	16,531	14,631	14,036	16,495	15,069	16,186
Shellfish	26,116	21,370	22,008	22,165	17,983	23,519	18,623	19,099	19,451	18,227
American lobster	2,883	2,053	1,440	946	996	1,154	1,243	716	1,210	1,047
Atlantic surf clam	5,567	7,549	8,544	13,264	7,462	11,953	6,913	9,161	8,753	8,799
Eastern oyster	150	244	537	466	370	219	269	124	135	64
Flounder, Summer	812	752	1,053	1,073	1,594	1,799	1,220	942	856	1,140
Loligo squid	13,208	7,625	9,613	4,603	6,363	6,693	6,462	5,438	5,469	4,100
Quahog clam	2,349	1,828	1,502	1,553	1,346	1,617	1,650	1,592	1,476	1,410
Scups or porgies	634	655	1,558	1,850	1,907	2,186	2,423	2,325	1,214	1,848
Sea scallop	111	259	26	39	170	647	577	619	782	918
Softshell clam	181	106	132	163	234	270	393	198	131	ND ³
Tilefishes	916	1,835	1,593	1,755	1,335	1,142	1,297	1,394	1,199	1,427

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American lobster	4.01	3.58	3.56	4.68	3.74	3.81	5.06	5.08	4.54	3.76
Atlantic surf clam	0.65	0.65	0.65	0.60	0.60	0.59	0.65	0.65	0.65	0.67
Eastern oyster	8.77	8.77	9.30	9.15	9.10	8.97	8.87	21.21	21.21	22.23
Flounder, Summer	2.47	2.36	1.94	2.09	2.05	2.11	2.80	3.33	3.43	2.71
Loligo squid	0.64	0.79	0.65	0.95	0.85	0.90	0.90	0.95	0.97	1.02
Quahog clam	7.47	7.39	8.15	7.98	7.93	7.85	7.42	8.94	8.93	5.96
Scups or porgies	1.43	1.07	0.76	0.72	0.86	0.93	1.01	1.01	1.41	1.02
Sea scallop	2.15	2.77	3.43	4.19	4.24	5.59	6.10	6.25	6.46	5.47
Softshell clam	4.70	5.30	5.15	5.45	5.24	5.43	5.23	8.23	8.24	ND ³
Tilefishes	2.24	1.74	2.01	1.56	1.56	2.42	2.56	2.76	2.79	2.27

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	547	53,963	18,899	32,677
Private Boat	658	79,624	28,589	49,850
Shore	286	30,885	11,189	18,854
Total Durable Equipment Impacts	3,077	515,987	173,050	256,731
Total State Trip and Durable Equipment Economic Impacts	4,568	680,460	231,727	358,112

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	153,649
For-Hire	5,794	28,979	Other Equipment	61,563
Private Boat	2,448	78,871	Boat Expenses	127,891
Shore	964	29,781	Vehicle Expenses	104,687
<i>Total Trip Expenditures</i>	<i>9,207</i>	<i>137,632</i>	Second Home Expenses	49,148
			<i>Total Durable Equipment Expenditures</i>	<i>496,938</i>
Total State Trip and Durable Equipment Expenditures				643,777

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	469	474	387	599	587	885	735	881	817	638
Non-Coastal	12	11	8	19	18	27	25	39	32	21
Out of State	20	29	41	82	76	110	114	147	118	58
Total Anglers	500	513	436	700	681	1022	874	1067	967	717

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	306	344	339	406	397	475	398	522	312	372
Private	2,496	2,365	2,172	3,030	2,600	3,032	3,058	3,237	3,276	2,889
Shore	1,844	1,915	1,607	2,090	1,777	2,566	1,943	2,459	2,365	1,656
Total Trips	4,645	4,624	4,118	5,525	4,774	6,073	5,399	6,218	5,954	4,917

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic herring ²	H	67	39	26	30	73	140	39	315	111	6
	R	83	48	14	(1)	4	2	3	176	41	(1)
Black seabass	H	335	164	221	318	105	176	277	312	245	454
	R	1,222	641	1,411	739	490	963	1,634	1,513	1,829	1,500
Bluefish	H	718	1,005	751	1,147	1,499	2,376	1,534	1,660	1,320	1,119
	R	2,629	2,543	1,017	1,305	1,883	3,314	1,839	1,919	2,514	1,822
Drum (weakfish) ²	H	42	28	25	9	8	(1)	9	7	31	(1)
	R	69	69	63	7	40	194	12	201	27	6
Porgies (scup)	H	3,126	1,734	1,091	5,112	1,581	686	1,277	1,601	1,617	1,312
	R	1,301	1,666	1,246	1,805	2,508	1,263	2,498	1,590	3,282	2,191
Shortfin mako shark	H	5	(1)	1	3	(1)	(1)	1	1	(1)	(1)
	R	13	2	4	3	2	5	2	(1)	(1)	(1)
Striped bass	H	271	190	202	314	243	298	313	371	448	329
	R	1,373	824	588	1,084	1,493	1,348	1,578	1,456	1,277	922
Summer flounder	H	1,671	700	696	1,539	937	1,147	802	711	565	265
	R	3,574	5,228	4,100	5,722	2,682	7,767	5,277	5,255	6,124	5,793
Winter flounder	H	237	233	154	234	236	150	204	15	61	102
	R	237	286	141	73	56	222	95	14	30	101
Wrasses (tautog)	H	79	46	630	129	381	119	253	202	256	330
	R	401	314	953	297	783	272	1,020	368	775	621

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 York's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2000	492,073 (7%)	7,353,209 (6.4%)	330,587 (8.5%)	465,418 (7.8%)	770,621 (8.1%)	0.22 ²
2008	518,632 (6.8%)	7,617,164 (6.3%)	440,632 (8.6%)	646,834 (7.8%)	1,120,000 (8.1%)	0.11
% change	5.4%	3.59%	33.3%	39%	45.3%	-50%

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	39	45	40	62	49	57	61	68	73
	Receipts	3,538	2,607	1,730	2,580	3,517	2,652	3,044	3,516	3,383
Seafood Sales, retail	Firms	268	262	244	272	241	219	206	266	247
	Receipts	30,580	31,218	29,832	29,321	28,640	24,987	24,790	23,157	23,983

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	18	21	16	18	17	18	15	15	17
	Employees	ND ³	370	352	271	323	324	298	294	379
	Payroll	ND ³	18,258	20,430	15,676	14,782	14,810	16,491	18,723	18,570
Seafood sales, wholesale	Establishments	305	296	315	291	274	269	254	291	231
	Employees	2,265	2,158	2,269	2,183	2,091	2,003	2,066	2,058	1,627
	Payroll	75,538	76,881	84,367	75,063	75,411	76,177	78,198	84,361	72,233
Seafood sales, retail	Establishments	307	323	381	376	386	392	388	372	368
	Employees	1,113	1,154	1,421	1,518	1,602	1,513	1,495	1,575	1,470
	Payroll	17,304	18,609	22,867	25,422	26,489	25,665	26,701	28,497	30,741

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	69	67	69	60	60	57	55	50	50
	Employees	1,653	2,182	2,284	1,751	1,452	1,448	1,464	1,746	1,759
	Payroll	91,296	129,403	141,213	115,452	94,074	91,347	109,315	125,570	160,735
Deep sea freight transportation	Establishments	43	40	38	35	36	39	38	34	29
	Employees	ND ³	621	1,084	927	600	602	ND ³	ND ³	732
	Payroll	ND ³	42,874	52,516	58,350	38,246	39,309	ND ³	65,632	108,744
Deep sea passenger transportation	Establishments	4	5	4	8	7	6	4	4	3
	Employees	ND ³	160	ND ³	212	ND ³	ND ³	ND ³	7	ND ³
	Payroll	ND ³	5,646	ND ³	6,673	ND ³	ND ³	ND ³	240	316
Marinas	Establishments	392	386	386	417	413	416	404	411	419
	Employees	1,778	1,805	1,680	2,167	2,185	2,093	2,112	2,070	2,263
	Payroll	64,661	66,508	69,242	77,398	81,737	84,832	83,807	88,862	100,910
Marine cargo handling	Establishments	22	19	11	14	14	12	12	12	10
	Employees	1,677	ND ³	ND ³	951	1,099	ND ³	ND ³	ND ³	ND ³
	Payroll	56,242	ND ³	ND ³	50,015	48,529	ND ³	ND ³	ND ³	ND ³
Navigational services to shipping	Establishments	41	41	32	34	34	35	36	36	32
	Employees	487	554	ND ³	ND ³	ND ³	ND ³	ND ³	578	386
	Payroll	27,872	29,646	ND ³	ND ³	ND ³	ND ³	ND ³	40,976	23,294
Port & harbor operations	Establishments	3	3	4	3	3	3	3	5	3
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	6	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	119	ND ³	ND ³
Ship & boat building	Establishments	48	44	41	44	45	47	48	53	49
	Employees	880	759	ND ³	ND ³	ND ³	590	ND ³	643	688
	Payroll	28,320	26,072	ND ³	ND ³	ND ³	21,514	ND ³	26,653	30,462

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.²CFLQ data for 2000 were not available. Data from 2001 are reported here.³ND = these data are confidential thus not disclosable

2009 Economic Impacts of the Virginia Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	19,064	1,736,517	482,440	722,111
Commercial Harvesters	4,199	259,440	87,158	126,935
Seafood Processors & Dealers	1,402	124,051	48,265	62,291
Importers	3,083	848,039	135,914	258,519
Seafood Wholesalers & Distributors	1,020	124,952	43,196	57,569
Retail	9,361	380,035	167,907	216,796

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	118,336	119,618	123,308	130,657	160,496	155,066	109,082	133,454	150,091	152,730
Finfish & other	47,258	42,222	38,947	39,661	43,522	48,559	40,593	45,895	40,480	41,725
Shellfish	71,078	77,395	84,361	90,996	116,973	106,507	68,489	87,560	109,611	111,005
Atlantic croaker	5,598	3,126	3,815	2,822	3,013	3,691	4,345	4,641	5,291	4,308
Black sea bass	1,335	1,317	1,589	1,306	1,167	1,242	1,070	663	763	581
Blue crab	24,115	25,600	21,083	19,130	21,822	20,578	14,067	15,288	20,155	26,005
Catfishes & bullhea	389	987	1,005	372	649	900	1,570	978	1,188	1,254
Goosefish	843	700	704	879	599	1,142	688	750	ND ¹	639
Menhaden	27,566	25,860	22,113	22,511	24,144	25,259	22,269	25,317	21,272	23,550
Sea Scallop	41,680	44,466	57,715	68,298	92,207	84,574	52,828	63,013	65,534	63,312
Spot	2,256	1,326	1,256	1,688	2,236	2,227	1,762	3,221	1,184	2,127
Striped bass	3,266	3,250	2,823	3,389	3,648	4,457	2,816	3,852	3,351	3,282
Summer flounder	3,131	2,973	3,150	4,220	5,376	4,652	3,460	3,189	2,725	2,934

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	443,197	561,792	442,490	446,828	481,374	441,538	426,235	485,256	417,514	426,252
Finfish & other	403,157	520,211	396,929	406,359	432,023	402,586	393,760	452,518	384,581	379,538
Shellfish	40,041	41,581	45,560	40,469	49,351	38,952	32,475	32,739	32,933	46,714
Atlantic croaker	12,889	12,929	12,448	10,936	9,488	9,272	7,830	10,973	11,261	8,609
Black sea bass	648	661	771	507	498	475	327	189	215	164
Blue crab	28,846	25,057	27,301	21,464	27,642	26,064	22,719	19,045	18,401	32,581
Catfishes & bullhea	1,680	1,964	1,886	1,799	1,922	1,622	1,360	1,597	1,769	1,870
Goosefish	942	887	970	1,270	1,002	1,157	676	827	ND ³	742
Menhaden	367,131	487,144	364,941	373,868	399,798	372,578	370,989	420,032	353,384	351,397
Sea Scallop	9,176	12,654	16,189	17,536	19,410	11,444	8,310	10,041	9,840	10,137
Spot	3,765	3,248	3,062	3,471	4,338	3,103	1,696	4,305	1,997	3,908
Striped bass	2,209	2,050	1,841	2,104	2,120	2,472	1,391	1,976	2,182	2,106
Summer flounder	2,207	2,660	2,970	3,522	3,906	3,869	2,757	1,859	1,657	1,987

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic croaker	0.43	0.24	0.31	0.26	0.32	0.40	0.55	0.42	0.47	0.50
Black sea bass	2.06	1.99	2.06	2.58	2.34	2.61	3.27	3.50	3.54	3.53
Blue crab	0.84	1.02	0.77	0.89	0.79	0.79	0.62	0.80	1.10	0.80
Catfishes & bullhea	0.23	0.50	0.53	0.21	0.34	0.55	1.15	0.61	0.67	0.67
Goosefish	0.90	0.79	0.73	0.69	0.60	0.99	1.02	0.91	ND ³	0.86
Menhaden	0.08	0.05	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.07
Sea Scallop	4.54	3.51	3.56	3.89	4.75	7.39	6.36	6.28	6.66	6.25
Spot	0.60	0.41	0.41	0.49	0.52	0.72	1.04	0.75	0.59	0.54
Striped bass	1.48	1.59	1.53	1.61	1.72	1.80	2.02	1.95	1.54	1.56
Summer flounder	1.42	1.12	1.06	1.20	1.38	1.20	1.26	1.72	1.65	1.48

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	107	8,531	2,782	4,867
Private Boat	1,448	142,363	47,267	82,640
Shore	351	32,393	10,776	18,574
Total Durable Equipment Impacts	3,260	396,624	134,220	200,356
Total State Trip and Durable Equipment Economic Impacts	5,167	579,911	195,045	306,436

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	115,220
For-Hire	4,019	1,702	Other Equipment	40,816
Private Boat	52,714	72,854	Boat Expenses	129,474
Shore	7,154	20,955	Vehicle Expenses	144,435
<i>Total Trip Expenditures</i>	<i>63,887</i>	<i>95,510</i>	Second Home Expenses	34,168
			<i>Total Durable Equipment Expenditures</i>	<i>464,114</i>
Total State Trip and Durable Equipment Expenditures				623,511

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	388	423	337	384	510	559	578	463	464	515
Non-Coastal	68	88	73	52	69	137	90	76	89	87
Out of State	262	520	407	288	428	511	364	297	338	305
Total Anglers	717	1031	817	724	1007	1206	1033	836	891	907

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	64	91	72	86	96	41	34	59	53	47
Private	2,291	2,579	2,255	2,068	2,415	2,432	2,555	2,510	2,348	2,021
Shore	1,036	1,458	927	958	1,083	1,368	1,310	1,154	1,025	917
Total Trips	3,391	4,128	3,254	3,113	3,594	3,841	3,900	3,723	3,425	2,984

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Black seabass	H	448	231	132	265	48	75	115	67	58	102
	R	1,570	2,180	2,441	1,742	1,280	945	983	1,265	1,327	1,275
Cobia	H	10	9	3	2	3	14	8	10	7	12
	R	8	10	10	15	7	23	29	8	7	11
Drum (Atlantic croaker)	H	5,486	9,335	9,129	6,695	7,293	7,791	7,069	7,753	6,525	5,128
	R	7,811	7,087	7,108	6,544	5,791	8,144	4,599	9,511	7,035	6,860
Drum (spot)	H	527	1,056	1,602	1,441	2,323	2,994	3,510	6,609	5,061	3,146
	R	503	969	482	934	975	1,799	921	2,311	1,721	1,381
Drum (spotted seatrout)	H	90	13	16	102	75	31	56	146	80	40
	R	265	110	136	207	296	277	125	415	373	333
Drum (weakfish) ¹	H	287	176	178	86	103	30	59	45	29	18
	R	936	633	888	504	528	267	456	172	314	69
Red drum	H	23	7	50	14	5	3	15	71	27	64
	R	197	30	801	43	34	31	159	166	238	224
Striped bass	H	335	301	321	402	477	368	523	246	207	213
	R	1,022	621	707	971	1,768	1,485	1,690	914	442	355
Summer flounder	H	581	1,338	772	451	584	584	862	479	229	232
	R	2,629	4,014	2,666	2,585	3,539	2,340	2,274	3,388	2,758	3,199
Wrasses (tautog)	H	35	29	26	76	163	108	142	67	45	53
	R	13	27	38	55	141	107	229	94	32	40

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
2000	175,582 (2.5%)	2,903,548 (2.5%)	97,692 (2.5%)	161,365 (2.7%)	261,894 (2.8%)	0.38 ²
2008	197,716 (2.6%)	3,184,234 (2.6%)	138,927 (2.7%)	241,182 (2.8%)	400,110 (3%)	0.54
% change	12.6%	9.67%	42.2%	49.5%	52.8%	42.1%

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	16	20	35	53	68	65	74	62	74
	Receipts	613	1,185	1,406	2,370	3,456	3,665	4,916	4,845	5,020
Seafood Sales, retail	Firms	68	89	94	88	89	80	86	84	80
	Receipts	5,505	10,148	8,266	7,193	8,346	8,762	8,027	7,265	8,273

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	41	42	39	38	42	39	33	30	26
	Employees	1,230	1,259	1,035	1,256	1,231	1,336	871	955	490
	Payroll	34,642	35,228	35,828	37,386	38,731	39,980	28,530	34,520	11,366
Seafood sales, wholesale	Establishments	105	100	89	84	86	86	80	83	69
	Employees	1,072	875	790	742	756	675	605	734	621
	Payroll	21,054	21,138	21,591	20,133	22,235	21,864	21,388	25,365	17,667
Seafood sales, retail	Establishments	57	59	74	61	68	69	75	73	68
	Employees	243	203	259	165	297	286	334	282	251
	Payroll	3,262	3,104	3,662	3,146	4,479	4,865	5,348	5,227	5,170

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	15	14	13	16	13	15	13	15	10
	Employees	ND ³	ND ³	ND ³	591	ND ³	ND ³	ND ³	565	ND ³
	Payroll	ND ³	ND ³	ND ³	26,881	ND ³	ND ³	ND ³	30,704	ND ³
Deep sea freight transportation	Establishments	24	22	23	22	21	24	22	20	18
	Employees	1,172	ND ³	1,254	1,087	1,124	1,090	1,564	1,611	409
	Payroll	72,961	ND ³	92,591	87,099	91,978	95,871	141,085	148,502	32,473
Deep sea passenger transportation	Establishments	NA ⁴	NA ⁴	2	2	2	1	1	1	2
	Employees	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Marinas	Establishments	121	129	122	136	137	141	131	126	119
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	992	964
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	26,186	24,326
Marine cargo handling	Establishments	16	16	18	19	19	18	17	15	12
	Employees	1,820	1,284	ND ³	ND ³	ND ³	1,516	1,110	1,085	ND ³
	Payroll	53,584	50,553	ND ³	ND ³	ND ³	52,254	51,654	56,696	ND ³
Navigational services to shipping	Establishments	14	13	17	15	20	21	17	18	23
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	216	375
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	11,700	21,014
Port & harbor operations	Establishments	9	9	8	8	9	9	10	10	8
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Ship & boat building	Establishments	52	63	62	50	52	50	51	52	59
	Employees	21,429	20,198	21,240	20,720	21,022	21,230	21,741	ND ³	ND ³
	Payroll	856,081	989,524	963,644	901,156	920,372	938,375	993,066	ND ³	ND ³

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

²CFLQ data for 2000 were not available. Data from 2001 are reported here.

³ND = these data are confidential thus not disclosable

⁴NA = these data are not available