

# Mid-Atlantic

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



# Mid-Atlantic Summary

## Management Context

The Mid-Atlantic region includes the states of New York, New Jersey, Delaware, Maryland, and Virginia. Federal fisheries in this region are managed by the Mid-Atlantic Fishery Management Council (MAFMC) and the National Marine Fisheries Service under one of eight fishery management plans (FMPs). Two of these FMPs are jointly managed with the New England Fishery Management Council (NEFMC). The MAFMC is the lead Council for the Dogfish FMP, while the NEFMC is the lead Council for the Monkfish FMP.

### Mid-Atlantic Fishery Management Plans

1. Summer Flounder, Scup, and Black Sea Bass
2. Spiny Dogfish (with the NEFMC)
3. Atlantic Surfclam and Ocean Quahog
4. Atlantic Mackerel, Squid, and Butterfish
5. Bluefish
6. Tilefish
7. Monkfish (with the NEFMC)

Of the stocks covered in these fishery management plans, summer flounder, scup, and Atlantic butterfish are currently considered overfished. Stocks currently subject to overfishing include summer flounder and scup.

Currently, there is one limited access privilege program (LAPP) in the Mid-Atlantic region: the surfclam/ocean quahog individual fishing quota (IFQ) program. This LAPP was implemented in 1990 and had an ex-vessel value of \$49.0 million in 2007.

## Commercial Fisheries

In 2006, landings by Mid-Atlantic fishermen (667 million pounds) had an ex-vessel value of \$362 million. Top revenue-makers were sea scallops, which accounted for \$120 million (33%) of landings revenue, and blue crab, which accounted for \$56 million (15%) of landings revenue. Overall, shellfish accounted for almost 74% of total landings revenue in the Mid-Atlantic in 2006.

### Key Mid-Atlantic Commercial Species

Commercially-important species and species groups in the Mid-Atlantic include: striped bass, Atlantic surf clam, quahog clam, blue crab, summer flounder, American lobster, menhaden, Eastern oyster, sea scallops, and squid.

## Economic Impacts

The Mid-Atlantic region's commercial fishing industry generated over a billion dollars in sales in New Jersey (\$2.1 billion), New York (\$1.9 billion) and Virginia (\$1.4



Barrels of blue crab, Chesapeake Bay, Maryland

billion). Most of the commercial fishing-related jobs in this region were also sustained in these states: New Jersey with 40,000 jobs, Virginia with 32,000 jobs, and New York with 42,000 jobs. Collectively, these three states contributed the most to commercial fisheries-related sales, income, and jobs in the region.

## Landings Revenue

Overall, ex-vessel revenue increased less than 1% between 1997 and 2006; a 15% drop when adjusted for inflation. Finfish and other fishery products dropped 13% (-26% in real terms) and shellfish increased 6.7% (-9.8% in real terms). Virginia had the highest average landing revenue in the region with \$124 million nominally and \$131 million in real terms. New Jersey (\$119 million nominally, \$126 million in real terms), New York (\$63 million nominally, \$68 million in real terms), Maryland (\$56 million nominally, \$60 million in real terms), and Delaware (\$6.1 million nominally, \$6.5 in real terms) followed. New Jersey experienced the largest growth in ex-vessel landings revenue, increasing 37% between 1997 and 2006.

The ten key species and species groups comprised an average of 81% of ex-vessel value in the Mid-Atlantic region. Sea scallop and blue crab contributed more to total landings revenue than any other key species or group, accounting for 25% and 19%, respectively. Notably, sea scallop revenue increased 265% (209% in real terms) from 1997 to 2006 while blue crab revenue declined 30% (41% in real terms). Virginia and New Jersey experienced the largest increases in sea scallop revenues, increasing \$32 million and \$45 million, respectively. Despite the fact that Maryland's blue crab landings revenue declined almost 30% from 1997 to 2006 (40% in real terms), Maryland's contribution to regional blue crab landings revenue (52%) has been relatively stable over the time period.

In addition to sea scallops, landings revenue of summer flounder and striped bass also increased during this time period, 72% and 45%, respectively. Landings revenues from all other key species and species groups declined.

**Commercial Fish Facts**

**Landings revenue**

- On average, the ten key species or species groups accounted for 81% of total landings revenue.
- Shellfish accounted for approximately 74% of annual total landings revenue for the Mid-Atlantic. Sea scallop, blue crab, Atlantic surf clam, and quahog clam were the largest contributors.
- The largest annual increase in revenue from 1997-2006 was 120% for squid (2003-2004). The largest annual drop in revenue was 51% for American lobster (1999-2000).

**Landings**

- On average, the ten key species or species groups accounted for 83% of total landings annually.
- Finfish and other fishery products accounted for 73% of annual landings for the Region. Menhaden contributed the most to finfish landings, almost 80%.
- Average annual landings for menhaden was 445 million pounds, more than any other species or group. Blue crab was the species or group with the next highest average annual landings, roughly 69 million pounds.
- Squid landings increased 298% from 2003-2004, the largest annual increase in the 10 year period, only to fall 71% from 2004-2005, the largest annual decrease.

**Prices**

- Quahog clam (\$5.90), sea scallop (\$5.19), Eastern oyster (\$4.78), and American lobster (\$4.05) all had average annual ex-vessel prices above \$4 per pound.
- Menhaden had the lowest average annual ex-vessel price at \$0.07 per pound. Squid and Atlantic surf clam had average annual prices just above \$0.50 per pound.
- The largest annual increase in ex-vessel price was 121% for squid from 2004-2005. Squid also had the largest annual decrease: -45% from 2003-2004.

**Landings**

From 1997 through 2006, total landings averaged 767 million pounds with a range of 667 million pounds in 2006 to 917 million pounds in 1998. Total landings, landings of finfish and other fishery products, and shellfish landings each decreased between 1997 and 2006: -26%, -28%, and -23%, respectively. Notable exceptions to these trends were sea scallops and summer flounder, which increased 250% and 46%, respectively. Landings of all other key species or species groups were either flat (striped bass and Atlantic surf clam) or experienced double digit declines during this time period.

Despite an average ex-vessel price of \$0.07 per pound, menhaden contributed more to total landings in the Mid-Atlantic than any other species or species group. Menhaden comprised an average of 58% of total landings or 445 million pounds. Although Virginia’s harvest of menhaden declined 25% from 1997 to 2006, it harvests an average of 93% of total regional menhaden landings or 412 million pounds annually. This proportion of total menhaden landings is stable over time, varying between 90% and 95%.

**Prices**

Ex-vessel prices between 1997 and 2006 increased for the high-value Eastern oyster (85% nominally, 57% in real terms) and American lobster (46% nominally, 23% in real terms). Squid increased 72% (45% in real terms), from \$0.46 per pound to \$0.79 per pound and striped bass increased 43% (21% in real terms), from \$1.47 per pound to \$2.10 per pound. Quahog clams was the only species where ex-vessel prices decreased between 1997 and 2006 (-3% nominally; -18% in real terms).

Most species or species groups had higher ex-vessel prices in 2006 compared to their corresponding average ex-vessel price for the time period. Ex-vessel price for squid in 2006 (\$0.79 per pound) was 39% higher than the average price per pound (\$0.57). Likewise, the 2006 price of eastern oysters (\$6.59 per pound) was 38% higher than the average annual price per pound (\$5.19). In contrast, the 2006 price of blue crab (\$0.90 per pound) was 9% less than the average annual price (\$0.99).

**Recreational Fishing**

In 2006, 4.7 million recreational anglers fished in the Mid-Atlantic region, taking a total of 21.4 million fishing trips. Anglers spent \$956 million on recreational fishing trips in the region and \$3.7 billion on durable fishing-related equipment. These expenditures contributed between \$265 million to \$1.6 billion in total sales to individual states in the region, between 1,700 and 9,800 jobs in a state, and between \$120 million and \$830 million in value-added impacts within a state.

**Key Mid-Atlantic Recreational Fishing Species**

The Mid-Atlantic region’s recreationally-important species are: Atlantic croaker, black sea bass, bluefish, scup, spot, striped bass, summer flounder, tautog, weakfish, and winter flounder.

# Mid-Atlantic Summary

## Participation Rates

Recreational anglers from coastal counties in the Mid-Atlantic region accounted for the majority of the region's anglers. From 1997 to 2006, this group averaged 58% of all anglers. Out-of-state anglers averaged 38% of total anglers and non-coastal county residents averaged 4% for this period.

Participation by all three groups peaked in 2005 with 5 million anglers, a 25% increase from 2004. Participation was also high in 2001 with 4.2 million anglers. Trends in angler participation for both coastal county residents and out-of-state residents were similar from 1997 to 2003. Between 2003 and 2006, there was a larger increase in participation among coastal county residents than out-of-state residents, 29% and 11%, respectively.

## Recreational Fishing Trips

Private or rental boat fishing trips in the Mid-Atlantic region totaled 12 million in 2006: the highest number of trips taken by this fishing mode during the time period. This represented a 53% increase over the number of private boat trips in 1999, a year when the lowest number of private/rental boat trips were taken.

### Recreational Fishing Facts

#### Participation

- The highest number of anglers in 2006 was reported for Maryland, with a total of 1.3 million. New Jersey had 1.2 million, and Virginia had 1 million.
- The total number of anglers in New Jersey reached a peak in 2005 (for the period 1997 to 2006), with 1.3 million. The lowest number of anglers during this time period occurred in 2002 with 656,000.

#### Recreational trips

- There were a combined 3.1 million shore trips taken in Delaware, Maryland, and Virginia in 2006.
- New Jersey and New York had the highest number of total fishing trips in 2006, with 7.3 million and 5.4 million respectively.

#### Economic impacts

- Maryland residents spent a total of \$94 million on fishing trips within the state in 2006; non-residents spent almost as much, with \$93 million.
- Recreational fishing in Maryland in 2006 added \$1.3 billion in total sales and \$628 million in value-added impacts to the state's economy.

#### Catch data for key species

- Of the top ten key species, Atlantic croaker was the species caught the most in Virginia in 2006, with 12 million fish both harvested and released.

Fishing trips taken from shore were highest in 2001, 2005 and 2006 with approximately 7.9 million trips each year.

Fishing trips on a party or charter boat were 6% of total fishing trips in 2006 (1.3 million fishing trips). For this fishing mode, the highest number of trips was reported in 1997 with 1.6 million trips.

## Expenditures and Economic Impacts

In 2006, Mid-Atlantic anglers spent a total of \$4.6 billion on both fishing trip expenditures and purchases of durable equipment. In-state residents spent \$600 million on all fishing trip-related expenses, compared to non-residents who spent \$356 million. Vehicle expenses by both groups of anglers equaled \$1.4 billion, boat expenses were \$852 million, and fishing tackle expenses accounted for \$847 million.

Within the region, recreational fishing economic impacts were highest in New Jersey: \$1.6 billion in total sales, \$830 million in value-added impacts, and 9,814 jobs sustained. Maryland and Virginia had \$1.3 billion and \$774 million, respectively, in total sales impacts related to recreational fishing activities. In New York, total sales impacts in 2006 were \$812 million. There were 5,365 jobs sustained and \$424 million in value-added impacts related to recreational fishing. Delaware had \$265 million in total sales impacts and \$120 million in value-added impacts.

## Recreational Catch and Release

Mid-Atlantic anglers caught more summer flounder than any other species: a total of 18.8 million fish in 2006. Of this total, the majority were released (15 million). New Jersey anglers had the highest recorded catch of summer flounder in 2006 with 1.6 million harvested and 6.8 million released. New York reported the second highest numbers with a harvest of 802,000 fish and release of 5.3 million fish.

The number of Atlantic croaker caught in the region was also high with a total catch of 17.5 million fish. This catch was almost equally distributed between fish that were harvested (9.5 million) and released (8.1 million).

Striped bass was also a recreationally-important species with a total catch of 11.5 million across the region. Of these, 9.5 million fish were released. Of the Mid-Atlantic states, Maryland reported the highest number of striped bass caught with 4.5 million fish. However, white perch was the most frequently caught species in Maryland with 6.9 million fish both harvested and released.

## Marine Coastal Economy

When considering all industries in the Mid-Atlantic region, New York had the highest number of establishments and employees, followed by New Jersey, Virginia, Maryland,

and Delaware. In 2005, the gross domestic product by state in this region ranged from \$961 billion for New York (7.8% of the national total) to \$56 billion for Delaware (0.5% of the national total).

When considering commercial fishing-related industries only, New Jersey had the highest Commercial Fishing Location Quotient of all states in the region: 0.89 in 2006. This was a 24% decrease from 1.17 in 2001. Maryland (0.71), Virginia (0.48), and New York (0.12) followed. This measure was not available for Delaware in 2001 or 2006.

### ***Seafood Sales and Processing***

In 2005, there were 482 non-employer firms engaged in the seafood retail industry, down from 519 firms in 1998. Non-employer seafood retail firms increased slightly over the time period for Maryland, Virginia, and Delaware, remained relatively stable for New Jersey, and declined in New York. Annual receipts were relatively flat in New York and New Jersey but increased sharply in Delaware and Virginia (125% and 131%, respectively). Employer establishments engaged in seafood retail increased 27% in the Mid-Atlantic from 1998 to 2005; annual payroll from this industry increased from \$49 million in 2002 to \$59 million in 2005, a 21% increase (17% in real terms).

Excluding Delaware, for which data is not available, all Mid-Atlantic states experienced an increase in the number of non-employer seafood product preparation and packaging establishments but either flat or declines in the number of employer establishments in this industry from 1998 to 2005. For example, in Virginia, the number of non-employer firms increased five-fold in this industry but the number of employer establishments declined 15%. Virginia's receipts for the non-employer firms increased 13-fold; payroll of employer establishments increased 35% during this period.

The number of employer seafood wholesale establishments and the number of workers employed by this industry either declined or was relatively flat in all Mid-Atlantic states. Overall, this sector lost 131 employer establishments and 918 employees from 1998 to 2005; payroll, however, increased 15%, from \$144 million in 1998 to \$166 million in 2005.

### ***Transport, Support, and Marine Operations***

Though establishment numbers for industries in this sector were available for all states except Delaware, employee numbers and annual payroll data were often suppressed or missing. All employee and payroll information in the discussion below excludes Delaware, for which this data was largely unavailable or suppressed.

The number of employees (21,000) and annual payroll (\$938 million) from ship and boat building in Virginia dwarfed all other industries in this sector in the Mid-Atlantic region. The number of establishments and employees engaged in this industry in Virginia has been relatively flat since 1998; annual payroll has increased 10% nominally but declined 3% after adjusting for inflation.

In 2005, there were 72 employer establishments engaged in the marine cargo industry, down from 81 firms in 1998. Annual payroll for this industry increased 71% from 1998 to 2005, from \$319 million to \$546 million, while the number of workers employed by this sector has been relatively flat (8,127 employees in 2005).<sup>1</sup>

There were 118 employer establishments engaged in the deep sea freight transportation industry in 2005, a modest increase from 116 firms in 1998. The number of employees declined 50% in this industry from 5,929 in 1998 to 2,956 in 2005. Annual payroll declined 26% (34% in real terms), from \$293 million to \$218 million during this time period.

Data for all industries in this sector was available for the state of New Jersey for 2005. Industries involved in handling marine cargo had the highest annual payroll (\$363.7 million) and employed the greatest number of people (4,972), relative to other industries in this sector. In comparison, navigational services industries had the lowest annual payroll (\$9.67 million) and employed the fewest people (169).

<sup>1</sup>Note that 2004 data was used for New York.

**2006 Economic Impacts of Commercial Fishing Industry (thousands of dollars)**

	Total Landings Revenue	Total Sales Impacts	Total Income Impacts	Total Employment Impacts
Delaware	5,692	119,736	66,538	2,555
Maryland	53,581	582,976	292,045	10,442
New Jersey	136,053	2,107,594	1,137,693	40,083
New York	57,706	1,938,733	1,030,787	41,903
Virginia	109,071	1,396,667	779,115	32,197

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Revenue	359,818	358,472	352,414	347,357	348,233	342,397	357,216	408,026	440,486	362,198
Finfish & Other	109,769	119,852	106,462	98,479	90,645	84,091	87,706	88,180	101,946	95,516
Shellfish	250,050	238,620	245,952	248,878	257,589	258,306	269,509	319,846	338,540	266,683
Bass, Striped	6,911	7,775	8,469	9,238	8,616	8,215	9,751	7,678	11,336	10,045
Clam, Atlantic Surf	31,103	25,558	27,574	34,973	34,211	34,692	35,366	26,760	27,084	29,580
Clam, Quahog	29,182	31,370	29,278	27,655	22,744	16,935	20,160	19,918	20,773	20,229
Crab, Blue	79,790	71,908	74,960	66,278	70,871	61,660	60,799	69,365	71,073	55,638
Flounder, Summer	7,186	8,041	7,952	7,769	7,080	8,700	10,678	13,096	13,953	12,365
Lobster, American	34,537	32,483	30,982	15,250	9,828	6,273	5,569	5,658	6,696	9,116
Menhaden	33,569	44,160	33,125	30,041	27,783	24,123	24,352	25,570	28,188	24,466
Oyster, Eastern	10,171	12,335	10,042	9,949	8,587	9,814	8,903	5,663	6,703	6,485
Scallop, Sea	32,927	30,492	42,109	66,135	75,275	91,237	111,971	161,042	181,309	120,140
Squid	15,499	19,577	14,918	13,189	9,904	9,287	6,497	14,303	9,159	7,727

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	906,338	917,066	752,617	715,376	835,426	702,234	710,743	757,822	708,941	667,291
Finfish & Other	673,992	692,884	545,724	511,997	631,289	496,430	514,808	529,890	518,148	488,018
Shellfish	232,346	224,183	206,893	203,379	204,137	205,804	195,935	227,932	190,793	179,273
Bass, Striped	4,686	5,386	4,956	5,602	4,930	4,591	5,273	3,947	5,708	4,788
Clam, Atlantic Surf	52,544	48,610	54,178	63,614	60,421	62,134	64,601	50,984	50,921	50,556
Clam, Quahog	5,240	5,314	5,263	4,560	3,857	2,318	3,311	3,537	3,735	3,728
Crab, Blue	95,833	77,187	77,498	62,360	61,045	63,076	56,047	68,979	70,983	61,873
Flounder, Summer	4,517	5,311	4,922	4,879	5,165	6,433	7,315	8,339	8,541	6,609
Lobster, American	9,774	9,248	7,998	3,775	2,633	1,705	1,181	1,395	1,585	1,772
Menhaden	540,788	546,567	415,006	403,599	518,487	394,606	398,744	421,309	412,672	400,784
Oyster, Eastern	2,855	3,623	3,266	2,883	2,217	1,713	1,493	859	1,202	984
Scallop, Sea	5,222	5,141	8,342	14,258	21,160	24,887	28,213	33,670	24,475	18,258
Squid	33,382	50,294	24,333	28,238	15,465	15,187	10,462	41,622	12,261	9,744

**Average Annual Price for Key Species / Species Groups**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	1.47	1.44	1.71	1.65	1.75	1.79	1.85	1.94	1.99	2.10
Clam, Atlantic Surf	0.59	0.53	0.51	0.55	0.57	0.56	0.55	0.52	0.53	0.59
Clam, Quahog	5.57	5.90	5.56	6.06	5.90	7.31	6.09	5.63	5.56	5.43
Crab, Blue	0.83	0.93	0.97	1.06	1.16	0.98	1.08	1.01	1.00	0.90
Flounder, Summer	1.59	1.51	1.62	1.59	1.37	1.35	1.46	1.57	1.63	1.87
Lobster, American	3.53	3.51	3.87	4.04	3.73	3.68	4.71	4.06	4.22	5.15
Menhaden	0.06	0.08	0.08	0.07	0.05	0.06	0.06	0.06	0.07	0.06
Oyster, Eastern	3.56	3.40	3.08	3.45	3.87	5.73	5.96	6.59	5.58	6.59
Scallop, Sea	6.31	5.93	5.05	4.64	3.56	3.67	3.97	4.78	7.41	6.58
Squid	0.46	0.39	0.61	0.47	0.64	0.61	0.62	0.34	0.75	0.79

**Recreational Fishing Effort by Mode (thousands of trips)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	1,647	975	910	1,134	1,323	1,024	1,182	1,323	1,152	1,339
Private / Rental	9,725	8,630	7,935	11,324	11,982	9,551	11,286	11,084	11,730	12,123
Shore	5,895	4,848	5,259	6,993	7,901	6,071	7,383	6,327	7,935	7,895
<b>Total Trips</b>	<b>17,267</b>	<b>14,453</b>	<b>14,105</b>	<b>19,451</b>	<b>21,206</b>	<b>16,646</b>	<b>19,852</b>	<b>18,734</b>	<b>20,817</b>	<b>21,357</b>

**Recreational Anglers by Residential Area (thousands of anglers)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	1,820	1,655	1,591	1,944	2,290	1,643	2,229	2,366	3,026	2,876
Non-Coastal	134	102	148	148	190	139	144	155	250	224
Out of State	1,121	1,186	1,036	1,393	1,743	1,193	1,449	1,447	1,710	1,611
<b>Total Anglers</b>	<b>3,074</b>	<b>2,943</b>	<b>2,774</b>	<b>3,485</b>	<b>4,224</b>	<b>2,976</b>	<b>3,822</b>	<b>3,968</b>	<b>4,986</b>	<b>4,711</b>

**2006 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	169,604	364,030	Fishing Tackle	847,395
Shore	127,277	158,206	Other Equipment	238,453
For-Hire	59,246	77,479	Boat Expenses	851,778
Total Trip Expenditures	356,127	599,715	Vehicle Expenses	1,414,648
			Second Home Expenses	307,680
			Total Durable Equipment Expenditures	3,659,954
<b>Total Mid Atlantic Region Trip and Durable Equipment Expenditures</b>				<b>4,615,796</b>

**2006 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

	Trips	Jobs	Total Sales	Value Added
Delaware	1,178,793	1,681	265,019	120,478
Maryland	3,588,800	8,935	1,257,101	628,415
New Jersey	7,291,533	9,814	1,608,701	830,356
New York	5,398,566	5,364	812,269	424,069
Virginia	3,899,641	6,839	774,380	407,383

**Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)**

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	1,093	960	1,008	1,554	1,475	1,252	1,662	1,574	1,503	1,994
	R	7,138	4,996	5,815	6,677	5,464	5,053	7,802	8,474	8,009	9,511
Bluefish	H	2,797	2,243	1,904	2,580	3,227	2,518	3,193	4,274	5,176	4,037
	R	3,494	2,462	4,135	6,311	6,519	4,579	4,196	5,793	7,121	5,513
Drum (Atlantic Croaker)	H	9,848	8,391	8,111	9,702	12,145	10,868	9,349	9,830	10,790	9,464
	R	9,269	9,074	10,031	14,162	9,811	10,361	9,425	7,928	11,136	8,059
Drum (Spot)	H	4,188	3,447	1,244	2,763	2,196	2,314	4,772	3,725	5,245	6,347
	R	2,792	1,623	975	1,788	1,562	1,016	1,657	1,591	4,163	2,587
Drum (Weakfish) <sup>1</sup>	H	2,510	2,151	1,396	1,876	1,315	918	308	331	1,125	497
	R	3,691	3,128	2,531	4,284	2,732	1,689	1,363	1,387	1,906	1,877
Flounder, Summer	H	6,161	5,548	3,048	5,869	4,393	2,633	3,922	3,598	3,303	3,393
	R	11,907	14,345	16,109	15,773	21,881	11,852	14,902	15,235	21,311	15,419
Flounder, Winter	H	955	247	511	1,317	795	362	541	331	196	248
	R	605	298	346	678	475	266	183	85	264	288
Porgies (Scup)	H	672	460	1,129	3,309	2,058	1,187	5,271	1,713	821	1,528
	R	445	585	312	1,491	1,983	1,551	2,379	2,857	1,839	3,145
Sea Bass, Black	H	4,669	1,090	1,275	3,330	2,636	3,057	3,033	1,590	1,060	1,317
	R	5,725	3,684	5,401	12,381	10,519	10,328	8,381	5,668	5,405	5,966
Wrasses (Tautog)	H	547	201	520	710	617	1,231	384	832	376	721
	R	833	1,018	1,908	1,493	1,694	2,534	1,010	1,648	1,221	2,239

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

**2006 Economic Impacts of Commercial Fishing Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Employment Impacts
<b>Total Impacts</b>	119,736	66,538	2,555
Commercial Harvesters	11,402	3,960	218
Seafood Processors and Dealers	13,274	7,095	158
Seafood Wholesalers and Distributors	20,974	10,688	198
Retail Sectors	74,087	44,796	1,981

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Revenue	5,223	5,837	6,800	6,833	7,660	6,067	5,204	5,419	6,114	5,692
Finfish & Other	1,377	1,464	1,617	1,379	1,080	986	1,465	1,258	1,275	1,330
Shellfish	3,846	4,374	5,183	5,454	6,580	5,081	3,739	4,161	4,840	4,361
Bass, Striped	241	245	271	245	365	336	479	497	494	507
Clam, Quahog	172	218	215	243	233	392	435	175	220	193
Crab, Blue	3,556	4,018	4,599	5,086	5,140	3,511	1,899	2,839	3,429	2,961
Eel, American	0	296	182	192	126	118	230	169	100	275
Oyster, Eastern	0	0	0	0	172	478	305	361	485	459
Scallop, Sea	0	0	0	0	0	0	0	12	102	121
Sea Bass, Black	200	ND <sup>1</sup>	ND <sup>1</sup>	142	42	21	181	181	157	190
Spot	19	60	24	17	51	8	46	38	99	58
Weakfish	523	337	352	318	133	176	83	61	82	56
Whelks	112	121	330	113	1,015	694	1,079	690	562	601

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	9,085	7,866	8,372	6,741	7,140	5,857	5,018	4,288	4,854	4,380
Finfish & Other	3,466	3,344	3,129	2,497	2,078	1,933	2,264	1,349	1,472	1,156
Shellfish	5,619	4,523	5,243	4,244	5,062	3,925	2,754	2,938	3,381	3,224
Bass, Striped	166	163	176	145	199	146	191	176	174	184
Clam, Quahog	50	74	70	76	64	134	141	54	69	60
Crab, Blue	5,452	4,360	4,993	4,092	4,085	3,062	1,792	2,276	2,924	2,856
Eel, American	0	131	129	119	121	90	156	142	110	120
Oyster, Eastern	0	0	0	0	78	133	76	79	84	75
Scallop, Sea	0	0	0	0	0	0	0	2	13	20
Sea Bass, Black	152	ND <sup>1</sup>	ND <sup>1</sup>	94	25	12	98	84	73	87
Spot	36	140	52	32	78	14	77	59	158	63
Weakfish	559	553	440	329	188	173	91	51	71	34
Whelks	111	75	162	65	828	590	729	491	276	203

**Average Annual Price for Key Species / Species Groups**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	1.45	1.50	1.53	1.69	1.84	2.30	2.50	2.82	2.84	2.75
Clam, Quahog	3.44	2.97	3.07	3.21	3.67	2.92	3.09	3.26	3.18	3.22
Crab, Blue	0.65	0.92	0.92	1.24	1.26	1.15	1.06	1.25	1.17	1.04
Eel, American	0	2.25	1.41	1.61	1.04	1.31	1.48	1.19	0.91	2.28
Oyster, Eastern	0	0	0	0	2.21	3.60	4.00	4.57	5.76	6.10
Scallop, Sea	0	0	0	0	0	0	0	5.18	8.08	6.19
Sea Bass, Black	1.31	ND <sup>1</sup>	ND <sup>1</sup>	1.52	1.66	1.69	1.86	2.17	2.15	2.18
Spot	0.55	0.43	0.47	0.52	0.66	0.59	0.60	0.65	0.63	0.92
Weakfish	0.94	0.61	0.80	0.97	0.71	1.02	0.91	1.18	1.16	1.63
Whelks	1.01	1.61	2.04	1.73	1.23	1.18	1.48	1.41	2.04	2.96

<sup>1</sup>ND = data is confidential thus not disclosable.

**Recreational Fishing Effort by Mode (thousands of trips)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	73	31	43	42	71	63	38	65	48	42
Private / Rental	441	419	383	606	672	535	552	679	568	671
Shore	370	469	375	448	436	429	514	434	459	465
<b>Total Trips</b>	<b>885</b>	<b>920</b>	<b>800</b>	<b>1,096</b>	<b>1,180</b>	<b>1,028</b>	<b>1,104</b>	<b>1,177</b>	<b>1,074</b>	<b>1,179</b>

**Recreational Anglers by Residential Area (thousands of anglers)<sup>1</sup>**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	87	103	69	82	107	89	127	115	118	137
Non-Coastal	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Out of State	137	188	168	201	226	177	199	239	187	205
<b>Total Anglers</b>	<b>224</b>	<b>291</b>	<b>237</b>	<b>283</b>	<b>333</b>	<b>266</b>	<b>326</b>	<b>354</b>	<b>305</b>	<b>342</b>

**2006 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	20,966	13,486	Fishing Tackle	38,815
Shore	22,452	7,458	Other Equipment	12,133
For-Hire	3,249	1,161	Boat Expenses	12,349
Total Trip Expenditures	46,667	22,105	Vehicle Expenses	150,455
			Second Home Expenses	12,152
			<b>Total Durable Equipment Expenditures</b>	<b>225,903</b>
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>294,675</b>

**2006 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat Mode Trip Impacts	330	38,882	19,383
Shore Mode Trip Impacts	352	33,804	17,953
Party/Charter Mode Trip Impacts	64	6,090	3,482
Total Durable Equipment Impacts	935	186,242	79,660
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>1,681</b>	<b>265,019</b>	<b>120,478</b>

**Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>1</sup>**

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	20	19	9	40	41	29	30	25	20	19
	R	130	185	106	152	163	115	169	151	225	246
Bluefish	H	159	150	84	132	102	117	89	136	152	96
	R	193	275	323	303	221	435	120	322	217	322
Drum (Atlantic Croaker)	H	386	391	663	518	312	262	341	494	934	863
	R	384	840	1,017	695	285	361	655	483	761	1,034
Drum (Weakfish) <sup>2</sup>	H	648	456	224	312	72	122	20	7	19	11
	R	898	614	372	465	227	101	39	79	111	121
Flounder, Summer	H	201	219	181	336	146	107	106	124	91	110
	R	327	736	433	797	1,051	498	415	850	841	534
Mackerel, Atlantic	H	53	5	(1)	1	23	6	(1)	7	(1)	(1)
	R	6	(1)	(1)	(1)	1	1	(1)	(1)	(1)	(1)
Perch, White	H	41	63	107	48	44	40	30	63	43	65
	R	95	175	312	140	117	72	134	187	116	147
Sea Bass, Black	H	91	52	41	151	203	607	307	106	62	128
	R	272	284	213	820	1,003	1,233	832	448	250	460
Tuna, Yellowfin	H	3	1	(1)	6	16	10	2	1	3	2
	R	(1)	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)
Wrasses (Tautog)	H	65	63	95	114	51	186	63	143	72	117
	R	120	169	202	324	209	412	167	263	251	216

<sup>1</sup>In this table, "(1)" = less than 1000 anglers.

<sup>2</sup>This species may not be equivalent to species with similar names listed in the commercial tables.

State Economy (% of national total)						
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient
1998	22,871 (0.33%)	354,643 (0.33%)	11,831 (0.36%)	19,738 (0.33%) (2001) <sup>1</sup>	36,831 (0.42%)	ND <sup>2</sup>
2005	25,319 (0.34%)	392,840 (0.34%)	16,875 (0.38%)	24,160 (0.34)	56,731 (0.46%)	ND <sup>2</sup>
% change	10.7	10.8	42.6	22.4	54.0	--

**Seafood Sales and Processing – Non-Employer Firms and Annual Receipts (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Firms	6	4	F	5	5	7	9	12
	Receipts	676	562	F	214	435	959	803	1,523
Seafood product preparation & packaging	Firms	M	M	M	F	F	F	F	3
	Receipts	M	M	M	F	F	F	F	64

**Seafood Sales and Processing – Employer Establishments, Employees, and Annual Payroll (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Establishments	11	11	13	12	15	18	16	14
	Employees	F	64	F	65	94	F	144	138
	Payroll	F	1,123	F	1,243	1,779	F	3,363	3,264
Seafood sales, wholesale	Establishments	7	5	4	5	7	5	2	3
	Employees	F	F	F	F	65	F	F	F
	Payroll	F	F	F	F	2,279	F	F	F
Seafood product preparation & packaging	Establishments	1	1	1	1	1	1	1	1
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F

**Transport, Support, and Marine Operations – Employer Establishments, Employees, and Annual Payroll (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Deep sea freight transportation	Establishments	2	3	3	3	2	2	1	1
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Coastal & Great Lakes freight transportation	Establishments	1	1	1	4	8	5	3	3
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Marine cargo handling	Establishments	5	6	6	5	6	5	5	4
	Employees	F	F	272	257	199	513	F	F
	Payroll	F	F	4,570	4,482	14,718	14,879	F	F
Navigational services to shipping	Establishments	9	9	8	10	10	10	9	9
	Employees	69	F	F	F	F	F	F	F
	Payroll	3,057	F	F	F	F	F	F	F
Ship & boat building	Establishments	4	4	4	3	1	1	1	1
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Marinas	Establishments	15	12	14	12	13	17	17	16
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Port and harbor operations	Establishments	M	M	M	M	M	1	2	2
	Employees	M	M	M	M	M	F	F	F
	Payroll	M	M	M	M	M	F	F	F

F = Data is suppressed due to confidentiality restrictions. M = Data is not available.

<sup>1</sup>Employee Compensation data is currently available from 2001-2005.

<sup>2</sup>ND = Data is not disclosable.

**2006 Economic Impacts of Commercial Fishing Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Employment Impacts
<b>Total Impacts</b>	582,976	292,045	10,442
Commercial Harvesters	105,844	36,443	2,249
Seafood Processors and Dealers	94,263	40,629	1,045
Seafood Wholesalers and Distributors	154,168	77,346	1,420
Retail Sectors	228,701	137,627	5,729

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Total Revenue</b>	64,313	57,962	62,927	53,874	55,591	49,013	49,038	49,294	63,670	53,581
Finfish & Other	10,758	10,958	11,278	10,010	8,574	8,135	8,095	4,763	10,718	9,897
Shellfish	53,556	47,003	51,649	43,864	47,017	40,878	40,943	44,531	52,952	43,685
Bass, Striped	3,412	3,717	3,886	4,216	3,418	3,759	3,916	1,576	4,234	4,591
Clams or Bivalves	5,072	4,817	5,221	5,094	8,073	8,002	5,170	2,579	4,784	4,889
Crab, Blue	43,579	34,269	38,859	30,843	34,681	30,338	34,532	39,104	39,962	31,141
Croaker, Atlantic	498	453	482	569	676	512	576	751	543	440
Flounder, Summer	ND <sup>1</sup>	527	ND <sup>1</sup>	673	549					
Menhaden	481	426	463	523	382	423	337	232	1,514	609
Oyster, Eastern	4,508	7,635	7,111	7,192	3,789	2,172	706	181	3,435	1,238
Perch, White	885	884	763	941	801	559	556	347	848	569
Scallop, Sea	6	14	24	108	108	96	ND <sup>1</sup>	418	4,513	6,200
Sea Bass, Black	676	451	681	475	244	436	555	ND <sup>1</sup>	706	811

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Total Landings</b>	76,599	61,479	66,419	48,913	55,539	53,185	49,350	49,557	67,461	51,227
Finfish & Other	23,375	21,405	21,666	16,164	16,089	15,275	13,468	8,103	24,977	12,720
Shellfish	53,225	40,074	44,754	32,749	39,450	37,909	35,882	41,454	42,483	38,507
Bass, Striped	2,486	2,883	2,430	2,705	2,049	2,085	2,193	897	2,339	2,485
Clams or Bivalves	5,820	6,454	6,644	7,111	11,911	10,663	7,527	3,676	6,112	7,756
Crab, Blue	45,575	30,870	35,371	22,847	25,933	26,481	27,816	33,826	34,914	29,446
Croaker, Atlantic	1,456	1,376	1,584	1,502	2,233	1,513	1,532	1,801	1,389	877
Flounder, Summer	ND <sup>1</sup>	329	ND <sup>1</sup>	333	248					
Menhaden	4,899	4,464	5,721	4,871	4,619	4,850	4,232	3,336	15,806	5,263
Oyster, Eastern	1,429	2,461	2,440	2,368	1,274	567	159	43	738	274
Perch, White	2,058	1,457	1,516	1,921	1,947	1,583	1,477	453	1,524	688
Scallop, Sea	1	2	4	21	28	27	ND <sup>1</sup>	93	584	931
Sea Bass, Black	513	315	439	305	150	280	313	ND <sup>1</sup>	330	350

**Average Annual Price for Key Species / Species Groups**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	1.37	1.29	1.60	1.56	1.67	1.80	1.79	1.76	1.81	1.85
Clams or Bivalves	0.87	0.75	0.79	0.72	0.68	0.75	0.69	0.70	0.78	0.63
Crab, Blue	0.96	1.11	1.10	1.35	1.34	1.15	1.24	1.16	1.14	1.06
Croaker, Atlantic	0.34	0.33	0.30	0.38	0.30	0.34	0.38	0.42	0.39	0.50
Flounder, Summer	ND <sup>1</sup>	1.60	ND <sup>1</sup>	2.02	2.22					
Menhaden	0.10	0.10	0.08	0.11	0.08	0.09	0.08	0.07	0.10	0.12
Oyster, Eastern	3.15	3.10	2.91	3.04	2.97	3.83	4.45	4.23	4.66	4.52
Perch, White	0.43	0.61	0.50	0.49	0.41	0.35	0.38	0.77	0.56	0.83
Scallop, Sea	6.18	6.64	6.61	5.10	3.81	3.52	ND <sup>1</sup>	4.48	7.72	6.66
Sea Bass, Black	1.32	1.43	1.55	1.56	1.62	1.56	1.77	ND <sup>1</sup>	2.14	2.31

<sup>1</sup>ND = data is confidential thus not disclosable.

**Recreational Fishing Effort by Mode (thousands of trips)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	202	160	126	204	174	182	187	264	181	235
Private / Rental	1,743	1,554	1,413	2,204	2,340	1,596	2,033	1,499	1,933	1,980
Shore	970	1,124	1,343	1,442	1,275	1,059	1,110	881	1,066	1,374
<b>Total Trips</b>	<b>2,915</b>	<b>2,839</b>	<b>2,883</b>	<b>3,851</b>	<b>3,790</b>	<b>2,837</b>	<b>3,330</b>	<b>2,645</b>	<b>3,180</b>	<b>3,589</b>

**Recreational Anglers by Residential Area (thousands of anglers)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	427	423	383	461	565	430	526	448	633	733
Non-Coastal	29	29	41	51	50	41	53	37	50	84
Out of State	263	307	349	481	426	330	418	336	432	447
<b>Total Anglers</b>	<b>719</b>	<b>759</b>	<b>773</b>	<b>994</b>	<b>1,041</b>	<b>801</b>	<b>997</b>	<b>821</b>	<b>1,115</b>	<b>1,264</b>

**2006 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	19,843	48,570	Fishing Tackle	214,628
Shore	58,834	31,432	Other Equipment	51,266
For-Hire	14,090	14,300	Boat Expenses	151,685
Total Trip Expenditures	92,767	94,302	Vehicle Expenses	568,536
			Second Home Expenses	144,359
			Total Durable Equipment Expenditures	1,130,475
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>1,317,544</b>

**2006 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat Mode Trip Impacts	660	71,110	43,358
Shore Mode Trip Impacts	1,170	108,352	63,910
Party/Charter Mode Trip Impacts	485	42,086	24,740
Total Durable Equipment Impacts	6,620	1,035,553	496,407
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>8,935</b>	<b>1,257,101</b>	<b>628,415</b>

**Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>1</sup>**

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	334	392	263	506	383	282	525	380	490	649
	R	4,020	2,642	2,388	3,245	2,890	2,929	4,653	3,739	3,753	3,896
Bluefish	H	433	284	167	344	429	199	214	373	240	509
	R	891	492	605	1,150	1,074	577	518	683	344	850
Drum (Atlantic Croaker)	H	1,053	1,126	1,210	2,675	1,320	1,223	1,620	871	810	833
	R	1,498	3,022	2,484	4,968	1,586	2,523	1,393	819	951	1,792
Drum (Spot)	H	714	1,327	655	1,390	1,089	691	3,301	1,375	2,007	2,645
	R	1,316	634	619	1,080	577	501	670	577	2,186	1,467
Drum (Weakfish) <sup>2</sup>	H	163	290	340	475	303	100	41	30	22	(1)
	R	324	462	753	1,209	737	286	181	132	55	57
Flounder, Summer	H	64	206	227	258	139	69	41	66	85	58
	R	361	1,716	1,012	1,513	1,245	383	373	952	433	511
Perch, White	H	2,343	1,692	838	1,611	565	1,156	2,020	1,441	2,436	2,558
	R	3,847	2,886	2,098	3,721	1,583	1,754	3,698	3,035	5,394	4,331
Sea Bass, Black	H	372	354	160	434	119	337	241	158	81	104
	R	586	754	1,487	3,224	2,324	925	773	618	784	799
Tuna, Yellowfin	H	17	20	8	9	26	18	26	4	11	21
	R	1	3	1	(1)	2	(1)	(1)	(1)	2	(1)
Wrasses (Tautog)	H	86	7	20	20	24	42	14	14	40	14
	R	51	29	183	128	138	295	96	36	255	211

<sup>1</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = less than 1000 fish were harvested or released.

<sup>2</sup>This species may not be equivalent to species with similar names listed in the commercial tables.

State Economy (% of national total)							
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient	
1998	126,577 (1.82%)	1,938,727 (1.79%)	59,818 (1.81%)	119,732 (2.02%) (2001) <sup>1</sup>	161,954 (1.87%)	0.74 (2001) <sup>2</sup>	
2005	138,481 (1.85%)	2,167,999 (1.86%)	88,965 (1.98%)	147,749 (2.11%)	244,447 (1.98%)	0.71 (2006) <sup>2</sup>	
% change	9.4	11.8	48.7	23.4	50.9	-4.1	

**Seafood Sales and Processing – Non-Employer Firms and Annual Receipts** (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Firms	65	71	71	62	79	78	70	78
	Receipts	5,433	6,856	7,012	5,904	8,629	6,771	10,100	6,976
Seafood product preparation & packaging	Firms	28	25	28	25	50	47	51	57
	Receipts	1,563	2,027	1,325	1,997	3,199	2,487	2,301	2,727

**Seafood Sales and Processing – Employer Establishments, Employees, and Annual Payroll** (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Establishments	65	65	71	78	88	97	96	95
	Employees	375	399	474	475	488	459	579	576
	Payroll	6,801	7,786	8,309	8,853	10,033	10,634	12,328	13,019
Seafood sales, wholesale	Establishments	94	93	92	94	77	63	58	59
	Employees	1,001	950	903	913	870	686	733	709
	Payroll	23,498	24,214	26,940	28,847	33,072	27,934	29,813	30,148
Seafood product preparation & packaging	Establishments	28	27	27	26	24	23	23	23
	Employees	1,006	967	894	889	807	762	895	1,141
	Payroll	21,651	22,947	22,309	23,686	20,618	20,399	23,039	24,986

**Transport, Support, and Marine Operations – Employer Establishments, Employees, and Annual Payroll** (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005
Deep sea freight transportation	Establishments	11	12	12	12	14	16	15	16
	Employees	104	F	F	F	123	F	281	316
	Payroll	5,501	F	F	F	9,216	F	18,983	14,131
Coastal & Great Lakes freight transportation	Establishments	7	9	9	10	8	9	11	10
	Employees	F	F	155	178	F	F	F	F
	Payroll	F	F	7,372	7,969	F	F	F	F
Marine cargo handling	Establishments	17	14	13	15	16	14	11	12
	Employees	1,824	1,794	1,751	1,505	1,487	1,862	1,725	1,639
	Payroll	68,008	60,105	60,915	63,172	66,525	69,084	75,911	81,219
Navigational services to shipping	Establishments	13	13	12	13	13	11	8	9
	Employees	F	311	F	275	F	195	F	F
	Payroll	F	13,125	F	18,710	F	38,619	F	F
Ship & boat building	Establishments	41	36	38	40	44	55	58	57
	Employees	1,697	1,902	F	1,421	1,223	1,426	1,022	F
	Payroll	51,552	56,547	F	48,561	40,743	36,444	35,364	F
Marinas	Establishments	193	196	187	185	188	180	183	185
	Employees	1,142	1,103	1,172	1,240	1,232	1,296	1,321	1,228
	Payroll	26,924	28,289	30,207	32,088	33,621	34,024	36,598	36,590
Port and harbor operations	Establishments	4	4	4	4	7	8	10	11
	Employees	217	236	F	319	259	376	479	F
	Payroll	6,109	8,708	F	9,545	11,655	16,099	19,218	F

F = Data is suppressed due to confidentiality restrictions.

<sup>1</sup>Employee Compensation data is currently available from 2001-2005.

<sup>2</sup>Commercial Fishing Location Quotient data is available from 2001-2006 for most states. Data from other years is displayed when 2001 and/or 2006 data is unavailable.

**2006 Economic Impacts of Commercial Fishing Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Employment Impacts
<b>Total Impacts</b>	2,107,594	1,137,693	40,083
Commercial Harvesters	152,026	59,485	1,724
Seafood Processors and Dealers	119,978	58,927	1,345
Seafood Wholesalers and Distributors	506,082	243,380	4,320
Retail Sectors	1,329,507	775,901	32,693

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Revenue	99,628	97,235	97,865	107,163	110,246	112,708	120,672	145,859	159,007	136,053
Finfish & Other	26,832	25,539	26,406	23,308	19,858	20,062	22,019	21,797	22,840	24,483
Shellfish	72,796	71,696	71,459	83,855	90,389	92,646	98,653	124,062	136,167	111,570
Clam, Quahog	6,701	8,712	7,363	6,757	5,636	ND <sup>1</sup>	5,228	7,409	7,556	7,615
Clams, Ocean Quahog & Surf	34,782	29,755	32,536	37,766	41,193	39,804	38,054	31,379	25,567	31,038
Crab, Blue	3,367	5,279	4,911	5,490	4,802	6,725	4,736	5,330	6,773	6,359
Flounder, Summer	2,052	2,732	3,038	2,604	2,313	3,504	3,683	4,431	4,642	4,926
Goosefish	4,108	5,809	7,782	6,505	6,135	5,896	6,200	3,496	4,429	4,416
Herring, Atlantic	33	274	44	ND <sup>1</sup>	32	60	145	6	297	389
Lobster, American	3,298	2,633	3,632	3,694	2,471	1,139	1,028	1,802	2,002	2,533
Mackerel, Atlantic	1,665	2,203	2,207	1,205	1,695	1,780	2,855	3,398	4,028	3,717
Oyster, Eastern	2,262	2,686	1,572	967	1,918	1,853	3,366	1,558	823	2,288
Scallop, Sea	12,431	9,816	14,534	24,108	29,983	33,336	43,507	67,500	88,482	57,471

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	174,857	197,143	168,658	171,803	168,541	162,139	170,133	187,813	156,977	152,783
Finfish & Other	75,824	84,899	77,538	71,574	71,867	65,737	75,471	71,823	74,454	66,317
Shellfish	99,033	112,243	91,120	100,229	96,674	96,401	94,662	115,990	82,523	86,466
Clam, Quahog	1,696	2,193	1,880	1,622	1,357	ND <sup>1</sup>	1,260	1,796	1,852	1,844
Clams, Ocean Quahog & Surf	63,889	60,498	66,114	72,858	73,900	73,949	71,683	61,155	49,849	55,286
Crab, Blue	4,563	5,829	5,579	5,093	4,724	6,229	4,012	4,350	6,333	5,981
Flounder, Summer	1,320	1,863	1,917	1,848	1,745	2,407	2,385	2,831	2,529	2,380
Goosefish	6,383	8,141	6,358	4,414	5,855	5,697	7,185	4,230	3,922	3,841
Herring, Atlantic	296	2,545	646	ND <sup>1</sup>	708	1,138	1,805	114	2,263	2,451
Lobster, American	858	722	931	891	580	264	210	371	369	471
Mackerel, Atlantic	9,563	18,233	20,035	9,645	25,224	20,486	33,056	36,091	32,415	24,977
Oyster, Eastern	593	703	411	202	412	379	714	323	162	350
Scallop, Sea	1,933	1,588	2,749	4,949	8,219	8,644	10,638	13,737	11,833	8,440

**Average Annual Price for Key Species / Species Groups**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Clam, Quahog	3.95	3.97	3.92	4.17	4.15	ND <sup>1</sup>	4.15	4.13	4.08	4.13
Clams, Ocean Quahog & Surf	0.54	0.49	0.49	0.52	0.56	0.54	0.53	0.51	0.51	0.56
Crab, Blue	0.74	0.91	0.88	1.08	1.02	1.08	1.18	1.23	1.07	1.06
Flounder, Summer	1.55	1.47	1.58	1.41	1.32	1.46	1.54	1.57	1.84	2.07
Goosefish	0.64	0.71	1.22	1.47	1.05	1.03	0.86	0.83	1.13	1.15
Herring, Atlantic	0.11	0.11	0.07	ND <sup>1</sup>	0.05	0.05	0.08	0.05	0.13	0.16
Lobster, American	3.84	3.65	3.90	4.14	4.26	4.31	4.90	4.86	5.42	5.38
Mackerel, Atlantic	0.17	0.12	0.11	0.12	0.07	0.09	0.09	0.09	0.12	0.15
Oyster, Eastern	3.82	3.82	3.82	4.77	4.65	4.88	4.72	4.82	5.09	6.53
Scallop, Sea	6.43	6.18	5.29	4.87	3.65	3.86	4.09	4.91	7.48	6.81

<sup>1</sup>ND = data is confidential thus not disclosable.

**Recreational Fishing Effort by Mode (thousands of trips)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	871	459	419	518	643	368	466	501	408	630
Private / Rental	2,982	2,669	2,487	3,727	4,025	2,992	3,602	3,892	3,765	3,859
Shore	1,626	1,180	1,919	2,224	2,817	2,049	2,711	2,152	2,476	2,803
<b>Total Trips</b>	<b>5,480</b>	<b>4,308</b>	<b>4,825</b>	<b>6,469</b>	<b>7,484</b>	<b>5,409</b>	<b>6,779</b>	<b>6,544</b>	<b>6,649</b>	<b>7,292</b>

**Recreational Anglers by Residential Area (thousands of anglers)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	469	400	493	544	721	400	592	716	826	693
Non-Coastal	21	29	30	17	42	17	20	30	39	25
Out of State	385	357	303	430	543	239	462	374	474	481
<b>Total Anglers</b>	<b>875</b>	<b>786</b>	<b>827</b>	<b>990</b>	<b>1,306</b>	<b>656</b>	<b>1,074</b>	<b>1,119</b>	<b>1,340</b>	<b>1,199</b>

**2006 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	62,141	137,749	Fishing Tackle	300,216
Shore	32,324	59,807	Other Equipment	62,270
For-Hire	35,827	29,635	Boat Expenses	253,598
Total Trip Expenditures	130,292	227,191	Vehicle Expenses	370,227
			Second Home Expenses	47,936
			Total Durable Equipment Expenditures	1,034,248
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>1,391,731</b>

**2006 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat Mode Trip Impacts	1,785	252,905	130,838
Shore Mode Trip Impacts	941	112,758	61,304
Party/Charter Mode Trip Impacts	934	100,750	58,572
Total Durable Equipment Impacts	6,155	1,142,289	579,641
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>9,814</b>	<b>1,608,701</b>	<b>830,356</b>

**Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>1</sup>**

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	68	89	237	402	560	416	392	449	327	489
	R	737	488	1,153	885	966	715	926	1,324	1,197	2,102
Bluefish	H	942	817	809	1,236	1,431	1,321	1,571	2,012	2,035	1,457
	R	849	702	1,824	1,907	2,056	2,168	1,913	2,403	2,644	1,930
Drum (Weakfish) <sup>2</sup>	H	1,028	921	584	760	736	493	151	184	1,053	418
	R	975	778	551	1,605	1,065	351	631	607	1,280	1,231
Flounder, Summer	H	3,742	2,728	1,503	3,023	2,070	989	1,784	1,887	1,396	1,561
	R	5,688	6,520	9,220	7,261	10,343	4,205	5,807	7,212	9,931	6,823
Flounder, Winter	H	541	169	376	1,080	562	208	307	95	46	43
	R	374	193	191	441	188	124	110	29	42	192
Hake, Red	H	333	79	116	96	51	12	16	12	6	111
	R	22	2	4	5	5	(1)	15	6	6	15
Sea Bass, Black	H	3,353	273	449	1,962	1,919	1,760	1,903	1,173	667	692
	R	2,811	1,235	1,728	5,545	4,371	4,318	4,295	2,833	2,463	2,090
Tuna, Bluefin	H	18	(1)	3	8	11	7	9	9	8	4
	R	73	(1)	(1)	(1)	4	(1)	(1)	31	26	35
Tuna, Yellowfin	H	10	4	19	55	9	14	22	25	22	41
	R	1	(1)	(1)	(1)	(1)	4	(1)	1	(1)	1
Wrasses (Tautog)	H	197	12	166	462	468	348	103	131	37	195
	R	420	225	671	627	1,006	836	394	426	335	563

<sup>1</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = less than 1000 fish were harvested or released.

<sup>2</sup>This species may not be equivalent to species with similar names listed in the commercial tables.

State Economy (% of national total)						
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient
1998	230,860 (3.33%)	3,368,365 (3.12%)	125,787 (3.80%)	211,925 (3.57%) (2001) <sup>1</sup>	314,117 (3.62%)	1.17 (2001) <sup>2</sup>
2005	242,128 (3.23%)	3,594,862 (3.09%)	166,018 (3.70%)	245,115 (3.49%)	427,654 (3.46%)	0.89 (2006) <sup>2</sup>
% change	4.9	6.7	32.0	15.7	36.1	-23.9

**Seafood Sales and Processing – Non-Employer Firms and Annual Receipts (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Firms	93	98	94	87	92	100	89	93
	Receipts	8,707	8,457	8,289	8,368	8,348	8,822	9,219	9,194
Seafood product preparation & packaging	Firms	15	16	17	14	21	23	23	26
	Receipts	1,098	1,913	2,545	2,878	2,673	2,279	2,694	3,086

**Seafood Sales and Processing – Employer Establishments, Employees, and Annual Payroll (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Establishments	118	123	125	125	149	133	134	128
	Employees	428	429	571	549	559	454	547	524
	Payroll	7,655	8,188	9,621	10,183	10,225	10,513	11,952	11,787
Seafood sales, wholesale	Establishments	101	110	107	112	102	84	85	85
	Employees	936	1,027	1,028	1,023	969	920	948	914
	Payroll	32,296	35,333	37,609	39,677	37,394	35,991	38,066	37,828
Seafood product preparation & packaging	Establishments	14	18	16	18	17	16	15	17
	Employees	803	863	816	1,100	928	846	749	969
	Payroll	17,990	18,491	20,655	27,302	23,045	20,794	21,029	28,235

**Transport, Support, and Marine Operations – Employer Establishments, Employees, and Annual Payroll (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Deep sea freight transportation	Establishments	35	38	37	33	35	37	33	38
	Employees	3,807	1,484	1,373	1,451	1,397	1,287	1,028	948
	Payroll	146,969	79,060	74,916	86,618	78,258	70,996	65,691	68,633
Coastal & Great Lakes freight transportation	Establishments	20	19	18	21	13	15	17	18
	Employees	F	F	F	532	F	768	F	914
	Payroll	F	F	F	36,912	F	45,024	F	54,097
Marine cargo handling	Establishments	24	24	26	26	29	27	26	26
	Employees	3,526	2,907	3,887	3,418	3,408	4,108	4,685	4,972
	Payroll	158,301	166,705	227,064	187,150	247,217	318,325	340,085	363,714
Navigational services to shipping	Establishments	15	17	22	21	22	16	17	16
	Employees	F	F	408	183	F	210	F	169
	Payroll	F	F	22,315	10,359	F	8,028	F	9,673
Ship & boat building	Establishments	44	43	43	45	41	37	35	37
	Employees	1,796	1,992	2,178	2,185	2,223	2,005	2,040	2,320
	Payroll	61,814	66,141	71,918	70,980	76,607	75,149	80,301	89,421
Marinas	Establishments	224	220	209	211	199	203	201	206
	Employees	F	F	F	F	927	951	945	978
	Payroll	F	F	F	F	32,480	34,777	36,862	38,323
Port and harbor operations	Establishments	7	6	6	5	5	5	6	7
	Employees	F	F	375	376	F	240	F	194
	Payroll	F	F	18,804	21,855	F	10,644	F	11,599

F = Data is suppressed due to confidentiality restrictions.

<sup>1</sup>Employee Compensation data is currently available from 2001-2005.

<sup>2</sup>Commercial Fishing Location Quotient data is available from 2001-2006 for most states. Data from other years is displayed when 2001 and/or 2006 data is unavailable.

**2006 Economic Impacts of Commercial Fishing Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Employment Impacts
<b>Total Impacts</b>	1,938,733	1,030,787	41,903
Commercial Harvesters	115,748	39,627	2,421
Seafood Processors and Dealers	99,546	42,039	734
Seafood Wholesalers and Distributors	453,280	222,542	3,903
Retail Sectors	1,270,158	726,579	34,845

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Revenue	89,615	84,283	76,533	61,121	55,074	51,265	51,606	46,879	56,395	57,706
Finfish & Other	24,460	22,319	19,363	16,495	18,866	15,924	16,429	16,764	18,342	19,123
Shellfish	65,154	61,965	57,169	44,626	36,208	35,341	35,177	30,115	38,053	38,583
Clam, Atlantic Surf	3,935	2,497	2,203	3,602	4,885	5,520	7,934	4,475	7,055	4,473
Clam, Quahog	18,753	19,185	17,777	17,547	13,502	12,245	12,399	10,673	12,696	12,237
Clam, Softshell	907	712	975	848	561	679	888	1,227	1,468	2,055
Flounder, Summer	2,049	1,967	1,832	2,007	1,779	2,042	2,240	3,275	3,809	3,418
Lobster	31,087	29,846	27,324	11,555	7,357	5,131	4,426	3,721	4,395	6,288
Oyster, Eastern	2,442	1,356	392	1,311	2,137	4,995	4,263	3,367	1,961	2,390
Scallop, Sea	47	5	68	239	718	90	166	722	3,617	3,518
Scups or Porgies	1,303	1,099	713	909	703	1,185	1,330	1,637	2,027	2,448
Squid, Loligo	6,279	6,720	8,052	8,423	6,035	6,247	4,353	5,427	6,056	5,844
Tilefishes	4,247	3,329	1,885	2,053	3,191	3,195	2,736	2,082	2,765	3,323

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	60,890	57,473	48,881	44,702	42,389	38,548	39,392	34,507	38,123	32,628
Finfish & Other	30,596	31,490	23,568	18,585	21,019	16,540	17,227	16,531	14,641	14,029
Shellfish	30,294	25,982	25,313	26,116	21,370	22,008	22,165	17,976	23,482	18,599
Clam, Atlantic Surf	6,941	3,859	4,878	5,567	7,549	8,544	13,264	7,462	11,953	6,913
Clam, Quahog	2,811	2,504	2,647	2,349	1,828	1,502	1,553	1,346	1,616	1,650
Clam, Softshell	271	208	229	181	106	132	163	234	270	393
Flounder, Summer	822	822	801	812	752	1,053	1,073	1,594	1,804	1,220
Lobster	8,878	8,525	7,060	2,883	2,053	1,440	946	996	1,154	1,243
Oyster, Eastern	529	237	68	150	244	537	466	370	219	269
Scallop, Sea	10	3	18	111	259	26	39	163	610	554
Scups or Porgies	828	621	455	634	655	1,558	1,850	1,907	2,186	2,416
Squid, Loligo	8,218	8,300	10,197	13,208	7,625	9,613	4,603	6,363	6,695	6,460
Tilefishes	3,294	1,962	798	916	1,835	1,593	1,755	1,335	1,142	1,297

**Average Annual Price for Key Species / Species Groups**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Clam, Atlantic Surf	0.57	0.65	0.45	0.65	0.65	0.65	0.60	0.60	0.59	0.65
Clam, Quahog	6.67	7.66	6.72	7.47	7.39	8.15	7.98	7.93	7.86	7.42
Clam, Softshell	3.34	3.42	4.25	4.70	5.30	5.15	5.45	5.25	5.43	5.23
Flounder, Summer	2.49	2.39	2.29	2.47	2.36	1.94	2.09	2.05	2.11	2.80
Lobster	3.50	3.50	3.87	4.01	3.58	3.56	4.68	3.74	3.81	5.06
Oyster, Eastern	4.62	5.73	5.76	8.77	8.77	9.30	9.15	9.10	8.97	8.87
Scallop, Sea	4.70	1.81	3.90	2.15	2.77	3.43	4.20	4.44	5.93	6.35
Scups or Porgies	1.57	1.77	1.57	1.43	1.07	0.76	0.72	0.86	0.93	1.01
Squid, Loligo	0.76	0.81	0.79	0.64	0.79	0.65	0.95	0.85	0.90	0.90
Tilefishes	1.29	1.70	2.36	2.24	1.74	2.01	1.56	1.56	2.42	2.56

**Recreational Fishing Effort by Mode (thousands of trips)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	364	244	281	306	344	339	406	397	475	398
Private / Rental	2,262	2,012	1,749	2,496	2,365	2,172	3,030	2,600	3,032	3,058
Shore	1,650	1,175	873	1,844	1,915	1,607	2,090	1,777	2,566	1,943
<b>Total Trips</b>	<b>4,276</b>	<b>3,431</b>	<b>2,903</b>	<b>4,645</b>	<b>4,624</b>	<b>4,118</b>	<b>5,525</b>	<b>4,774</b>	<b>6,073</b>	<b>5,399</b>

**Recreational Anglers by Residential Area (thousands of anglers)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	455	427	337	469	474	387	599	583	897	735
Non-Coastal	17	6	11	12	11	8	19	19	27	25
Out of State	50	42	28	20	29	41	82	75	113	114
<b>Total Anglers</b>	<b>522</b>	<b>476</b>	<b>376</b>	<b>500</b>	<b>513</b>	<b>436</b>	<b>700</b>	<b>677</b>	<b>1,038</b>	<b>874</b>

**2006 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	2,648	78,198	Fishing Tackle	171,976
Shore	3,444	31,581	Other Equipment	69,019
For-Hire	4,122	30,347	Boat Expenses	208,459
Total Trip Expenditures	10,214	140,126	Vehicle Expenses	117,788
			Second Home Expenses	53,395
			Total Durable Equipment Expenditures	620,643
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>770,983</b>

**2006 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat Mode Trip Impacts	654	79,162	49,561
Shore Mode Trip Impacts	326	35,185	21,479
Party/Charter Mode Trip Impacts	542	53,488	32,389
Total Durable Equipment Impacts	3,843	644,434	320,640
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>5,364</b>	<b>812,269</b>	<b>424,069</b>

**Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>1</sup>**

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	237	167	195	271	190	202	314	243	298	313
	R	1,019	885	1,229	1,373	824	588	1,084	1,493	1,348	1,578
Bluefish	H	816	768	710	718	1,005	751	1,147	1,499	2,376	1,534
	R	898	589	1,156	2,629	2,543	1,017	1,305	1,883	3,314	1,839
Drum (Weakfish) <sup>2</sup>	H	113	21	18	42	28	25	9	8	(1)	9
	R	91	30	35	69	69	63	7	40	194	12
Flounder, Summer	H	1,206	1,230	760	1,671	700	696	1,539	937	1,147	802
	R	2,097	1,522	3,260	3,574	5,228	4,100	5,722	2,682	7,767	5,277
Flounder, Winter	H	406	78	136	237	233	154	234	236	150	204
	R	209	104	152	237	286	141	73	56	222	95
Herring, Atlantic <sup>3</sup>	H	200	111	142	67	39	26	30	73	140	39
	R	39	5	118	83	48	14	(1)	4	2	3
Porgies (Scup)	H	623	444	875	3,126	1,734	1,091	5,112	1,581	686	1,277
	R	318	483	197	1,301	1,666	1,246	1,805	2,508	1,263	2,498
Sea Bass, Black	H	217	12	89	335	164	221	318	105	176	277
	R	523	79	731	1,222	641	1,411	739	490	963	1,634
Shortfin Mako	H	2	2	1	5	(1)	1	3	(1)	(1)	1
	R	4	3	9	13	2	4	3	2	5	2
Wrasses (Tautog)	H	93	69	197	79	46	630	129	381	119	253
	R	166	517	787	401	314	953	297	783	272	1,020

<sup>1</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = less than 1000 fish were harvested or released.

<sup>2</sup>This species may not be equivalent to species with similar names listed in the commercial tables.

<sup>3</sup>This species may not be equivalent to species with similar names listed in the commercial tables.

State Economy (% of national total)						
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient
1998	481,962 (6.94%)	6,993,814 (6.47%)	274,635 (8.30%)	482,888 (8.14%) (2001) <sup>1</sup>	686,906 (7.91%)	0.22 (2001) <sup>2</sup>
2005	514,265 (6.86%)	7,417,463 (6.38%)	370,843 (8.27%)	547,812 (7.81%)	961,385 (7.77%)	0.12 (2006) <sup>2</sup>
% change	6.7	6.1	35.0	13.4	40.0	-45.5

**Seafood Sales and Processing – Non-Employer Firms and Annual Receipts** (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Firms	279	274	268	262	244	272	241	219
	Receipts	24,314	28,922	30,580	31,218	29,832	29,321	28,640	24,987
Seafood product preparation & packaging	Firms	17	43	39	45	40	62	49	57
	Receipts	1,093	3,621	3,538	2,607	1,730	2,580	3,517	2,652

**Seafood Sales and Processing – Employer Establishments, Employees, and Annual Payroll** (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Establishments	302	297	307	323	381	376	386	392
	Employees	1,004	1,026	1,113	1,154	1,421	1,518	1,602	1,513
	Payroll	15,037	16,110	17,304	18,609	22,867	25,422	26,489	25,665
Seafood sales, wholesale	Establishments	323	313	305	296	315	291	274	269
	Employees	2,195	2,189	2,265	2,158	2,269	2,183	2,091	2,003
	Payroll	67,377	71,437	75,538	76,881	84,367	75,063	75,411	76,177
Seafood product preparation & packaging	Establishments	18	19	18	21	16	18	17	18
	Employees	339	452	F	370	352	271	323	324
	Payroll	13,404	15,350	F	18,258	20,430	15,676	14,782	14,810

**Transport, Support, and Marine Operations – Employer Establishments, Employees, and Annual Payroll** (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005
Deep sea freight transportation	Establishments	48	42	43	40	38	35	36	39
	Employees	1,123	769	F	621	1,084	927	600	602
	Payroll	91,731	49,402	F	42,874	52,516	58,350	38,246	39,309
Coastal & Great Lakes freight transportation	Establishments	72	71	69	67	69	60	60	57
	Employees	F	1,687	1,653	2,182	2,284	1,751	1,452	1,448
	Payroll	F	91,895	91,296	129,403	141,213	115,452	94,074	91,347
Marine cargo handling	Establishments	19	20	22	19	11	14	14	12
	Employees	1,126	1,290	1,677	F	F	951	1,099	F
	Payroll	40,018	43,649	56,242	F	F	50,015	48,529	F
Navigational services to shipping	Establishments	41	36	41	41	32	34	34	35
	Employees	F	F	487	554	F	F	F	F
	Payroll	F	F	27,872	29,646	F	F	F	F
Ship & boat building	Establishments	50	52	48	44	41	44	45	47
	Employees	976	841	880	759	F	F	F	590
	Payroll	28,550	28,262	28,320	26,072	F	F	F	21,514
Marinas	Establishments	405	389	392	386	386	417	413	416
	Employees	1,811	1,682	1,778	1,805	1,680	2,167	2,185	2,093
	Payroll	53,425	55,844	64,661	66,508	69,242	77,398	81,737	84,832
Port and harbor operations	Establishments	3	3	3	3	4	3	3	3
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F

F = Data is suppressed due to confidentiality restrictions.

<sup>1</sup>Employee Compensation data is currently available from 2001-2005.

<sup>2</sup>Commercial Fishing Location Quotient data is available from 2001-2006 for most states. Data from other years is displayed when 2001 and/or 2006 data is unavailable.

**2006 Economic Impacts of Commercial Fishing Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Employment Impacts
<b>Total Impacts</b>	1,396,667	779,115	32,197
Commercial Harvesters	91,186	39,853	1,879
Seafood Processors and Dealers	178,671	93,080	2,514
Seafood Wholesalers and Distributors	220,121	110,169	2,082
Retail Sectors	906,689	536,014	25,722

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Total Revenue</b>	101,028	113,050	108,247	118,336	119,618	123,308	130,657	160,509	155,261	109,071
Finfish & Other	46,330	59,521	47,754	47,258	42,222	38,947	39,661	43,534	48,732	40,597
Shellfish	54,698	53,530	60,492	71,078	77,395	84,361	90,996	116,975	106,529	68,474
Bass, Striped	2,107	2,559	3,088	3,266	3,250	2,823	3,389	3,665	4,482	2,907
Catfishes & Bullhead	231	355	330	389	987	1,005	372	649	900	1,570
Crab, Blue	28,404	27,195	26,525	24,115	25,600	21,083	19,130	21,823	20,579	14,067
Croaker, Atlantic	3,567	4,162	3,499	5,598	3,126	3,815	2,822	3,013	3,684	4,344
Flounder, Summer	3,073	3,316	3,067	3,131	2,973	3,150	4,220	5,376	4,817	3,460
Goosefish	1,027	1,076	940	843	700	704	879	599	1,144	688
Menhaden	30,035	40,744	30,222	27,566	25,860	22,113	22,511	24,144	25,259	22,269
Scallop, Sea	20,443	20,658	27,483	41,680	44,466	57,715	68,298	92,388	84,595	52,819
Sea Bass, Black	844	1,308	1,195	1,335	1,317	1,589	1,306	1,167	1,244	1,072
Spot	1,452	1,536	1,040	2,256	1,326	1,256	1,688	2,236	2,227	1,762

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Total Landings</b>	584,895	592,733	460,254	443,197	561,792	442,490	446,828	481,611	441,510	426,235
Finfish & Other	540,719	551,711	419,790	403,157	520,211	396,929	406,359	432,038	402,586	393,760
Shellfish	44,176	41,022	40,464	40,041	41,581	45,560	40,469	49,573	38,923	32,475
Bass, Striped	1,574	1,855	1,859	2,209	2,050	1,841	2,104	2,128	2,484	1,431
Catfishes & Bullhead	1,076	1,577	1,455	1,680	1,964	1,886	1,799	1,922	1,622	1,360
Crab, Blue	39,065	34,599	31,437	28,846	25,057	27,301	21,464	27,642	26,064	22,719
Croaker, Atlantic	12,791	12,007	12,850	12,889	12,929	12,448	10,936	9,488	9,272	7,829
Flounder, Summer	2,370	2,616	2,196	2,207	2,660	2,970	3,522	3,906	3,869	2,757
Goosefish	2,692	2,995	2,629	942	887	970	1,270	1,002	1,157	677
Menhaden	497,161	508,728	378,158	367,131	487,144	364,941	373,868	399,798	372,578	370,989
Scallop, Sea	3,278	3,548	5,572	9,176	12,654	16,189	17,536	19,674	11,435	8,311
Sea Bass, Black	506	817	740	648	661	771	507	498	475	328
Spot	3,466	4,277	2,962	3,765	3,248	3,062	3,471	4,338	3,103	1,696

**Average Annual Price for Key Species / Species Groups**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	1.34	1.38	1.66	1.48	1.59	1.53	1.61	1.72	1.80	2.03
Catfishes & Bullhead	0.22	0.23	0.23	0.23	0.50	0.53	0.21	0.34	0.55	1.15
Crab, Blue	0.73	0.79	0.84	0.84	1.02	0.77	0.89	0.79	0.79	0.62
Croaker, Atlantic	0.28	0.35	0.27	0.43	0.24	0.31	0.26	0.32	0.40	0.55
Flounder, Summer	1.30	1.27	1.40	1.42	1.12	1.06	1.20	1.38	1.25	1.26
Goosefish	0.38	0.36	0.36	0.90	0.79	0.73	0.69	0.60	0.99	1.02
Menhaden	0.06	0.08	0.08	0.08	0.05	0.06	0.06	0.06	0.07	0.06
Scallop, Sea	6.24	5.82	4.93	4.54	3.51	3.56	3.89	4.70	7.40	6.36
Sea Bass, Black	1.67	1.60	1.61	2.06	1.99	2.06	2.58	2.34	2.62	3.27
Spot	0.42	0.36	0.35	0.60	0.41	0.41	0.49	0.52	0.72	1.04

**Recreational Fishing Effort by Mode (thousands of trips)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	137	80	41	64	91	72	86	96	41	34
Private / Rental	2,296	1,976	1,904	2,291	2,579	2,255	2,068	2,415	2,432	2,555
Shore	1,279	900	749	1,036	1,458	927	958	1,083	1,368	1,310
<b>Total Trips</b>	<b>3,712</b>	<b>2,956</b>	<b>2,694</b>	<b>3,391</b>	<b>4,128</b>	<b>3,254</b>	<b>3,113</b>	<b>3,594</b>	<b>3,841</b>	<b>3,900</b>

**Recreational Anglers by Residential Area (thousands of anglers)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	383	302	309	388	423	337	384	504	553	578
Non-Coastal	66	38	66	68	88	73	52	69	134	90
Out of State	286	291	187	262	520	407	288	423	502	364
<b>Total Anglers</b>	<b>735</b>	<b>631</b>	<b>562</b>	<b>717</b>	<b>1,031</b>	<b>817</b>	<b>724</b>	<b>997</b>	<b>1,189</b>	<b>1,033</b>

**2006 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	64,006	86,027	Fishing Tackle	121,760
Shore	10,223	27,928	Other Equipment	43,765
For-Hire	1,958	2,036	Boat Expenses	225,687
Total Trip Expenditures	76,187	115,991	Vehicle Expenses	207,642
			Second Home Expenses	49,838
			Total Durable Equipment Expenditures	648,689
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>840,867</b>

**2006 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat Mode Trip Impacts	1,730	170,099	98,740
Shore Mode Trip Impacts	477	43,966	25,209
Party/Charter Mode Trip Impacts	75	5,956	3,398
Total Durable Equipment Impacts	4,557	554,358	280,036
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>6,839</b>	<b>774,380</b>	<b>407,383</b>

**Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)**

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	435	294	304	335	301	321	402	477	368	523
	R	1,232	796	941	1,022	621	707	971	1,768	1,485	1,690
Cobia	H	9	4	5	10	9	3	2	3	14	8
	R	3	9	16	8	10	10	15	7	23	29
Drum (Atlantic Croaker)	H	8,067	6,730	5,882	5,486	9,335	9,129	6,695	7,293	7,791	7,069
	R	7,275	4,991	5,669	7,811	7,087	7,108	6,544	5,791	8,144	4,599
Drum, Red	H	2	13	12	23	7	50	14	5	3	15
	R	110	94	233	197	30	801	43	34	31	159
Drum (Spot)	H	3,328	2,024	569	527	1,056	1,602	1,441	2,323	2,994	3,510
	R	1,366	900	340	503	969	482	934	975	1,799	921
Drum (Spotted Seatrout)	H	93	35	138	90	13	16	102	75	31	56
	R	169	75	152	265	110	136	207	296	277	125
Drum (Weakfish) <sup>1</sup>	H	558	464	229	287	176	178	86	103	30	59
	R	1,404	1,245	819	936	633	888	504	528	267	456
Flounder, Summer	H	947	1,165	378	581	1,338	772	451	584	584	862
	R	3,434	3,852	2,183	2,629	4,014	2,666	2,585	3,539	2,340	2,274
Sea Bass, Black	H	636	398	536	448	231	132	265	48	75	115
	R	1,533	1,332	1,242	1,570	2,180	2,441	1,742	1,280	945	983
Wrasses (Tautog)	H	107	51	43	35	29	26	76	163	108	142
	R	76	77	66	13	27	38	55	141	107	229

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

State Economy (% of national total)							
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient	
1998	172,182 (2.48%)	2,700,589 (2.50%)	81,261 (2.46%)	167,476 (2.82%) (2001) <sup>1</sup>	226,569 (2.61%)	0.38 (2001) <sup>2</sup>	
2005	193,067 (2.57%)	3,060,127 (2.63%)	121,801 (2.72%)	208,354 (2.97%)	350,692 (2.83%)	0.48 (2006) <sup>2</sup>	
% change	12.1	13.3	50.0	24.4	54.8	26.3	

**Seafood Sales and Processing – Non-Employer Firms and Annual Receipts (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Firms	76	73	68	89	94	88	89	80
	Receipts	3,788	4,707	5,505	10,148	8,266	7,193	8,346	8,762
Seafood product preparation & packaging	Firms	12	14	16	20	35	53	68	65
	Receipts	283	854	613	1,185	1,406	2,370	3,456	3,665

**Seafood Sales and Processing – Employer Establishments, Employees, and Annual Payroll (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Seafood sales, retail	Establishments	53	52	57	59	74	61	68	69
	Employees	F	F	243	203	259	165	297	286
	Payroll	F	F	3,262	3,104	3,662	3,146	4,479	4,865
Seafood sales, wholesale	Establishments	108	108	105	100	89	84	86	86
	Employees	1,087	1,056	1,072	875	790	742	756	675
	Payroll	20,721	22,086	21,054	21,138	21,591	20,133	22,235	21,864
Seafood product preparation & packaging	Establishments	46	42	41	42	39	38	42	39
	Employees	1,515	1,515	1,230	1,259	1,035	1,256	1,231	1,336
	Payroll	29,441	30,554	34,642	35,228	35,828	37,386	38,731	39,980

**Transport, Support, and Marine Operations – Employer Establishments, Employees, and Annual Payroll (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005
Deep sea freight transportation	Establishments	20	26	24	22	23	22	21	24
	Employees	895	953	1,172	F	1,254	1,087	1,124	1,090
	Payroll	49,207	71,298	72,961	F	92,591	87,099	91,978	95,871
Coastal & Great Lakes freight transportation	Establishments	16	15	15	14	13	16	13	15
	Employees	501	F	F	F	F	591	F	F
	Payroll	18,281	F	F	F	F	26,881	F	F
Marine cargo handling	Establishments	16	17	16	16	18	19	19	18
	Employees	1,387	F	1,820	1,284	F	F	F	1,516
	Payroll	52,862	F	53,584	50,553	F	F	F	52,254
Navigational services to shipping	Establishments	13	13	14	13	17	15	20	21
	Employees	374	F	F	F	F	F	F	F
	Payroll	9,359	F	F	F	F	F	F	F
Ship & boat building	Establishments	53	54	52	63	62	50	52	50
	Employees	21,711	21,176	21,429	20,198	21,240	20,720	21,022	21,230
	Payroll	853,817	765,462	856,081	989,524	963,644	901,156	920,372	938,375
Marinas	Establishments	121	119	121	129	122	136	137	141
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Port and harbor operations	Establishments	8	9	9	9	8	8	9	9
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F

F = Data is suppressed due to confidentiality restrictions.

<sup>1</sup>Employee Compensation data is currently available from 2001-2005.

<sup>2</sup>Commercial Fishing Location Quotient data is available from 2001-2006 for most states. Data from other years is displayed when 2001 and/or 2006 data is unavailable.