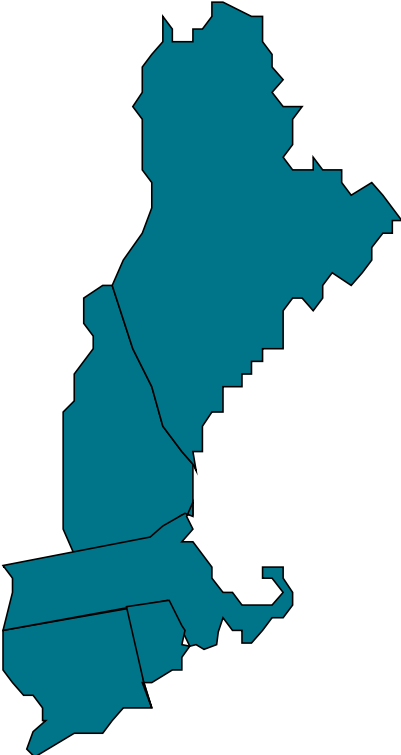


New England

- Connecticut
- Maine
- Massachusetts
- New Hampshire
- Rhode Island



New England Summary

Management Context

The New England region includes Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut. Federal fisheries in this region are managed by the New England Fishery Management Council (NEFMC) and the National Marine Fisheries Service under one of nine fishery management plans (FMPs). Two of these FMPs are jointly managed with the MAFMC. The NEFMC is the lead council for the Monkfish FMP, while the MAFMC is the lead council for the Dogfish FMP.

New England Fishery Management Plans

1. Northeast Multispecies
2. Atlantic Sea Scallops
3. Monkfish (with the MAFMC)
4. Atlantic Herring
5. Small Mesh Multispecies
6. Dogfish (with the MAFMC)
7. Deep-sea Red Crab
8. Northeast Skate Complex
9. Atlantic Salmon

Of the stocks covered in these fishery management plans, 17 are currently listed as overfished: cod (2 stocks), haddock (2 stocks), American plaice, yellowtail flounder (3 stocks), white hake, windowpane flounder, winter flounder, ocean pout, Atlantic halibut, winter skate, thorny skate, smooth skate, and Atlantic salmon. Nine stocks are currently subject to overfishing: cod (2 stocks), yellowtail flounder (3 stocks), white hake, winter flounder (2 stocks), and thorny skate.

There are currently two limited access privilege programs or LAPPs in place in New England. The Georges Bank hook sector fishery was implemented in 2004 and the Georges Bank fixed gear sector fishery was established in 2006. The ex-vessel value of these fisheries was \$600,000 and \$900,000, respectively, for 2007.

Commercial Fisheries

In 2006, New England commercial fishermen received \$953 million for their harvest (701 million pounds). The ex-vessel value of shellfish landings (237 million pounds) was \$769 million, with lobster and sea scallops accounting for almost 70% of total landings revenue. The commercial fishing industry had the highest sales, income, and employment impacts in Massachusetts (\$4.4 billion in sales, \$2.3 billion in income, and 83,000 jobs).

Key New England Commercial Species

Commercially-important species and species groups in New England include: quahog clam, cod and haddock, flounders, goosefish, Atlantic herring, lobster, Atlantic mackerel, sea scallops, loligo squid, and bluefin tuna.



Restaurant sign in Maine, outside Acadia National Park

Economics Impacts

Overall, Massachusetts led the region in commercial fisheries-related sales and income, and full- and part-time jobs. Maine also generated over a billion dollars of in-state sales (\$1.4 billion), with a quarter billion dollars of sales generated by the harvest sector alone. The commercial fishing industry generated \$706 million, \$340 million, and \$311 million in sales in Rhode Island, Connecticut, and New Hampshire, respectively.

Landings Revenue

Overall, ex-vessel revenue increased 66% from 1997 to 2006 (41% after adjusting for inflation), largely due to the increase in ex-vessel revenue from shellfish (108% nominally, 76% in real terms). Ex-vessel revenues from finfish and other fishery products declined 9% (23% in real terms). Overall, Massachusetts had the highest average landings revenue (\$304 million nominally, \$321 million in real terms) followed by Maine (\$292 million nominally, \$308 million in real terms), Rhode Island (\$78 million nominally, \$83 million in real terms), Connecticut (\$33 million nominally, \$35 million in real terms), and New Hampshire (\$16 million nominally, \$17 million in real terms). New Hampshire, Maine, and Massachusetts experienced the largest growth in ex-vessel revenue during this period, increasing 50%, 61%, and 95%, respectively.

The ten key species/species groups were on average 84% of ex-vessel value in New England, with American lobster accounting for 42% of total landings revenue. Maine's harvest of American lobster accounted for 58% of New England's landings revenue from this species in 1997 but has averaged 76% of American lobster revenue since 2002. The ex-vessel value of sea scallops has increased more than fourfold since 1997, earning New England fishermen \$264 million in 2006. Massachusetts generates the majority of

sea scallop revenues, on average accounting for 91% of New England's landings revenue for this species.

Commercial Fish Facts

Landings revenue

- On average, the key species or species groups accounted for 83.7% of the total revenue.
- American lobster and sea scallops accounted for ~71% of the average annual revenue for all key species combined.
- The largest annual increase during the 10 year period was 764% for Atlantic mackerel (2001-2002). This species also had the largest annual decrease in revenue, declining 69% from 2004-2005.

Landings

- On average, the key species or species groups accounted for 73% of total landings.
- Atlantic herring averaged over 180 million pounds from 1997-2006. On average, this species contributed 43% of all finfish and other fishery landings.
- Landings for Atlantic mackerel increased 1575% from 2001-2002, the largest increase in landings in the 10 year period. This species also had largest annual decrease in landings, declining 90% from 2004-2005.

Prices

- Bluefin tuna, sea scallops, and quahog clams had the highest average prices per pound at \$6.09, \$5.58, and \$4.03, respectively.
- Atlantic herring, Atlantic mackerel, and loligo squid had the lowest average prices per pound at \$0.07, \$0.22, and \$0.62, respectively.
- The largest annual increase in ex-vessel price was 227% for Atlantic mackerel (2004-2005), which experienced the largest annual price decrease (-61%) the following year.

Landings

Over the 10 year period, total landings averaged 639 million pounds, ranging from a low of 576 million pounds (2000) to a high of 718 million pounds (2004). Shellfish landings increased 35% during this period, averaging 199 million pounds. Landings of finfish and other fishery products were relatively stable, averaging 441 million pounds.

Despite being a lower value species averaging \$0.07 per pound, Atlantic herring contributes more to New England's harvest than any other species or group, approximately 29% per year. Maine's contribution to Atlantic herring harvest is the highest for the region, approximately 51% per year.

Overall, Massachusetts had a 52% increase in landings, largely due to an increase in Atlantic mackerel landings (1.2 million pounds in 1997 to 89 million pounds in 2006). All other states experienced a decline in landings.

Prices

From 1997-2006, ex-vessel prices for high-valued species such as quahog clams (\$4.03 average annual price) and American lobster (\$3.78 average annual price) increased 84% and 30%, respectively. Adjusting for inflation, the prices of quahogs and American lobster increased 56% and 10%, respectively. Ex-vessel prices for sea scallops (\$5.58 average annual price) and bluefin tuna (\$6.09 average annual price) declined 4% and 16%, respectively. Atlantic mackerel, a low-value species (\$0.22 average annual price), experienced the largest price decline, decreasing 56% (63% in real terms).

Connecticut oysters had the largest annual increase in price, increasing from \$3.38 per pound to \$28.61 per pound. The \$25.23 increase in price was due to a change in product form to the growing half-shell oyster market.

All but one key species or species group had higher ex-vessel prices in 2006 relative to its average price over the time period. Quahog clams in 2006 were \$6.37 per pound compared to an average of \$4.03 per pound, a 58% increase over the average price. Atlantic mackerel had an average ex-vessel price of \$0.22 per pound but was at \$0.14 per pound in 2006, a 38% drop relative to its average price from 1997-2006.

Recreational Fishing

There were 2.8 million recreational anglers in the New England region in 2006. These anglers took 9.7 million fishing trips. Expenditures on recreational fishing trips and fishing-related equipment in 2006 were \$438 million and \$1.44 billion, respectively. Total sales generated by recreational fishing activities ranged from \$56 million (New Hampshire) to \$803 million (Massachusetts).

Key New England Recreational Fishing Species

New England's recreationally important species are: striped bass, Atlantic mackerel, bluefish, scup, summer flounder, Atlantic cod, tautog, winter flounder, little tunny, and bluefin tuna.

Participation Rates

In 2006, the number of recreational anglers in 2006 was highest among residents of coastal counties in New England: 1.4 million anglers. There were approximately 1.2 million out-of-state anglers, and 188,000 anglers from non-coastal counties in New England. This pattern of participation has remained consistent from 1997 to 2006 with coastal county residents outnumbering out-of-state anglers, followed by non-coastal county anglers.

New England Summary

Participation generally increased annually for all three angler groups from 1997-2006: an average 5% increase in total anglers. However, participation fell both overall and within each group from 1998-1999 (13% annual average decrease) compared to 1997. The largest annual increase for anglers in all three groups occurred from 1999-2000: 38% for coastal county anglers, 61% for non-coastal county anglers, and 24% for out-of-state anglers.

Recreational Fishing Facts

Of the top ten species caught in each of the five New England states only Atlantic cod, bluefish, striped bass, and winter flounder appear on all five state lists.

Participation

- The total number of anglers between 1997 and 2006 increased **47%**. Participation increased in all three angler groups: coastal county residents (41%), non-coastal county residents (51%), and out-of-state (53%).
- Massachusetts had the greatest number of recreational anglers in 2006 with **1.26 million**.
- New Hampshire had the fewest of any state in the region with **187,000** anglers.

Recreational trips

- In 2006, the number of fishing trips taken on a private or rented boat comprised **49%** of total fishing trips. This was followed by fishing trips taken from shore (47%) and from a party or charter fishing boat (5%).
- Fishing trips taken from a private/rental boat outnumbered those taken from shore in every year except 1997. These two fishing modes outnumbered party/charter fishing trips in all years.

Catch data for key species

- The total number of striped bass caught in 2006 was over **8 million** higher than the number caught in 1997; a **92%** increase.

Recreational Fishing Trips

New England anglers took 9.7 million recreational fishing trips in 2006 in one of three fishing modes: party/charter fishing boat, privately-owned or rented fishing boat, or from shore. More fishing trips were taken in Massachusetts than in any other state in the region: 4.7 million trips were taken in 2006. Rhode Island had the second highest number of fishing trips, (1.7 million trips), closely followed by Connecticut (1.5 million), and Maine (1.2 million).

Trips taken on a private or rented boat were the most common fishing mode with 4.7 million trips taken in New England in 2006. Fishing from shore was also popular, numbering 4.5 million trips. In contrast, the number of trips taken on a party or charter fishing boat was significantly lower, numbering 458,000 trips. This ranking of fishing modes is reflected over the time period. The only exception

was in 1997, when the number of fishing trips from shore was higher than the number of fishing trips from a private/rental boat. The largest annual increase in total fishing trips (all three fishing modes) was 35% from 1999-2000. The 1997-1998 period saw the biggest drop in the number of total fishing trips with an 11% decline.

Expenditure and Economic Impacts

Overall, Massachusetts had the highest number of jobs sustained and total sales impacts related to recreational fishing with over 6,081 jobs and \$803 million in sales in 2006. Massachusetts was followed by Connecticut (over 4,353 jobs and \$664 million in sales) and Maine (2,044 jobs and \$175 million in sales).

Fishing trip-related expenditures for all three fishing modes was higher for non-residents than residents in 2006: \$252 million compared to \$186 million, respectively. Residents spent more when taking trips on a private boat (\$104 million) compared to non-residents who spent more when fishing from shore (\$184 million). For all participants, expenditures on durable equipment were highest for vehicle expenses (\$582 million) and purchases of new boats (\$360 million). Total trip-related and durable goods expenditures in 2006 was \$1.87 million.

Economic impacts to the economy of each state are reported in terms of jobs sustained and sales of durable equipment grouped by fishing mode. When looking at which fishing mode generated the highest sales impacts in each state, shore trips in Massachusetts (\$215 million), Maine (\$65 million), and Rhode Island (\$36 million) ranked highest. In New Hampshire, party/charter fishing trips accounted for the highest total sales impacts (\$11 million). Private boat trips had the highest total sales impacts (\$23 million) in Connecticut.

Recreational Harvest and Released Catch

Of the ten key species caught in New England in 2006, striped bass was harvested and released the most: 585,000 fish harvested and 16.3 million released. The number of striped bass caught over the time period varied from an annual increase as high as 55% (1999-2000) to an annual decrease as low as 34% (1998-1999). Massachusetts had the highest number of released (8.7 million) and harvested (340,000) striped bass in the region in 2006. Maine reported the second highest numbers of released striped bass in 2006 (4 million), while Connecticut ranked second in the number of striped bass harvested (83,000).

Atlantic mackerel had the second highest levels of recreational catch across New England. In contrast to striped bass, most of this catch was harvested (4.8 million fish) rather than released (328,000 fish). Bluefish, scup,

and summer flounder were also caught in large numbers in 2006, while bluefin tuna had the lowest catch level (17,000 fish).

Marine Coastal Economy

When considering all industries in the New England region, Massachusetts has the highest number of establishments, employees, and annual payroll, followed by Connecticut, New Hampshire, Maine, and Rhode Island. In 2005, the gross domestic product by state in this region ranged from \$320.1 billion in Massachusetts (2.6% of the national total) to \$43.6 billion in Rhode Island (0.4% of the national total).

When considering commercial fishing-related industries in 2006, the Commercial Fishing Location Quotient (CFLQ) for Maine was the highest in the region at 12.43. That is, the proportion of Maine workers employed in commercial fishing industries is over 12 times higher than the proportion of U.S. workers engaged in this sector nationally. This was a 54% increase from 8.09 in 2001. Maine was followed by Massachusetts (9.54), Rhode Island (3.91), and Connecticut (0.52). This measure was unavailable for New Hampshire.

Seafood Sales and Processing

In 2005, there were 161 non-employer firms engaged in seafood retail across New England. The number of these firms remained stable over the time period, increasing only 3% from 156 firms in 1998. Annual receipts were flat across the region but increased 81% in New Hampshire and at least 20% in Maine, Rhode Island, and Connecticut. Annual receipts in Massachusetts, however, declined 37%, from \$8.7 million in 1998 to \$5.5 million in 2005.

Employer firms engaged in seafood retail increased in all states between 1998 and 2005, ranging from over 70% increases in Maine and New Hampshire, to an 8% increase in Massachusetts. Across the region, annual payroll increase 151% between 1998 (\$12.7 million) and 2005 (\$31.9 million). Annual payroll increased in all states except for New Hampshire (data was unavailable for this state): Massachusetts (154%), Connecticut (124%), Maine (121%), and Rhode Island (75%). Massachusetts employed the greatest number of employees in this industry: 53% of employees in 2005.

In 2005, there were 97 non-employer firms engaged in seafood processing activities. Over half of these firms were found in Maine, which also had the highest annual receipts: \$5.1 million in 2005 or 47% of receipts in the region. Massachusetts (\$2.3 million or 21% of annual receipts) and Rhode Island (\$2.0 million or 19% of annual receipts) followed.

Employer establishments engaged in seafood product processing remained flat across New England. Double digit increases in establishments in New Hampshire (25%) and Massachusetts (22%) were offset by double digit declines in Connecticut (25% drop), Maine (23% drop), and Rhode Island (13% drop). In 2005, annual payroll in this industry was \$154 million across the region, with Massachusetts contributing 75% (\$115 million). Annual payroll increased in Massachusetts from \$73 million in 1998 to \$116 million in 2005, a 59% increase. Massachusetts also contributed most to employees in this industry: 65% of the over 4,000 employees region-wide.

Employer establishments engaged in the seafood wholesale industry declined 31% overall, from 560 establishments in 1998 to 387 in 2005. All states in New England reported declines in establishments engaged in seafood wholesale, ranging from 16% in Maine to 41% in New Hampshire and Massachusetts. Annual payroll and employee numbers were available for Maine, Massachusetts, and Rhode Island only. All three of these states showed 10-19% declines in annual payroll, and 24-49% declines in employee numbers.

Transport, Support, and Marine Operations

With the exception of the marina industry, data was largely unavailable for this sector. The number of marina operations remained flat across the region but annual payroll increased 51% between 1998 (\$83 million) and 2005 (\$125 million). Annual payroll in all five states in this region increased, ranging from 72% increases in Massachusetts to a modest 8% increase in Maine. Massachusetts and Connecticut had the highest number of establishments and contributed the most to annual payroll in this industry. Of the 444 establishments engaged in marina operations in 2005, 31% were in Massachusetts (139 establishments) and 26% were in Connecticut (117 establishments). Annual payroll in these states was roughly equal: both Massachusetts and Connecticut contributed \$43 million each to the region in 2005.

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

	Total Landings Revenue	Total Sales Impacts	Total Income Impacts	Total Employment Impacts
Connecticut	36,891	339,544	178,238	6,575
Maine	361,847	1,443,039	757,752	29,352
Massachusetts	437,044	4,363,812	2,319,814	82,760
New Hampshire	18,842	310,931	173,310	6,452
Rhode Island	98,575	705,938	378,396	14,966

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	573,320	540,227	662,087	688,376	639,160	696,366	690,633	819,960	970,248	953,209
Finfish & Other	202,879	195,052	205,560	218,511	220,029	207,025	200,292	194,386	201,026	183,967
Shellfish	370,441	345,175	456,527	469,866	419,132	489,341	490,341	625,574	769,222	769,242
Clam, Quahog	15,019	9,302	11,179	17,456	17,716	17,193	16,857	16,723	6,711	26,865
Cod & Haddock	27,972	33,245	32,849	37,837	46,425	49,679	44,386	40,325	39,888	31,900
Flounders	47,054	46,325	42,602	48,340	49,846	49,201	47,222	43,761	42,317	37,724
Goosefish	27,294	24,708	36,210	44,160	35,721	29,194	30,031	27,972	34,384	26,591
Herring, Atlantic	11,433	10,775	10,999	9,655	12,634	9,005	15,274	14,926	19,980	21,328
Lobster	237,003	222,607	298,519	298,516	239,681	287,621	277,946	368,645	408,742	386,059
Mackerel, Atlantic	7,354	2,379	1,223	644	437	3,776	4,404	9,610	2,948	13,527
Scallop, Sea	56,218	44,393	78,823	94,604	96,773	109,636	116,454	157,593	250,851	263,665
Squid, Loligo	17,048	22,581	19,416	14,590	12,915	15,786	17,283	27,631	20,282	19,984
Tuna, Bluefin	16,227	11,700	14,042	17,305	17,043	14,349	8,267	4,297	3,186	1,715

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	647,911	601,997	583,870	576,058	631,320	588,868	660,262	717,979	683,506	700,760
Finfish & Other	472,509	425,555	402,235	382,712	458,055	387,304	468,490	484,807	461,050	463,683
Shellfish	175,402	176,442	181,635	193,347	173,265	201,564	191,772	233,172	222,456	237,077
Clam, Quahog	4,343	2,456	2,425	5,447	4,684	6,116	5,173	6,226	1,057	4,216
Cod & Haddock	31,871	30,682	28,212	33,791	45,945	45,469	38,482	34,358	30,586	19,812
Flounders	32,377	32,974	32,047	43,733	48,436	41,758	39,783	40,980	30,273	19,540
Goosefish	48,253	43,474	43,930	38,803	43,008	41,975	46,751	39,746	34,861	26,144
Herring, Atlantic	209,826	177,850	174,282	155,849	208,232	134,605	209,933	188,158	212,312	204,496
Lobster	72,791	70,842	81,160	83,029	68,560	81,382	70,502	88,678	86,228	90,843
Mackerel, Atlantic	22,730	8,248	5,783	2,468	1,591	26,649	34,839	84,939	8,223	99,751
Scallop, Sea	8,354	6,941	13,667	17,871	25,016	27,394	27,587	30,395	32,043	40,599
Squid, Loligo	31,101	42,985	25,203	28,842	24,959	27,893	29,405	45,848	26,748	25,333
Tuna, Bluefin	2,175	2,230	2,230	2,243	2,534	2,386	1,787	704	722	274

Average Annual Price for Key Species / Species Groups

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Clam, Quahog	3.46	3.79	4.61	3.20	3.78	2.81	3.26	2.69	6.35	6.37
Cod & Haddock	0.88	1.08	1.16	1.12	1.01	1.09	1.15	1.17	1.30	1.61
Flounders	1.45	1.40	1.33	1.11	1.03	1.18	1.19	1.07	1.40	1.93
Goosefish	0.57	0.57	0.82	1.14	0.83	0.70	0.64	0.70	0.99	1.02
Herring, Atlantic	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
Lobster	3.26	3.14	3.68	3.60	3.50	3.53	3.94	4.16	4.74	4.25
Mackerel, Atlantic	0.32	0.29	0.21	0.26	0.28	0.14	0.13	0.11	0.36	0.14
Scallop, Sea	6.73	6.40	5.77	5.29	3.87	4.00	4.22	5.18	7.83	6.49
Squid, Loligo	0.55	0.53	0.77	0.51	0.52	0.57	0.59	0.60	0.76	0.79
Tuna, Bluefin	7.46	5.25	6.30	7.71	6.73	6.01	4.63	6.10	4.41	6.26

Recreational Fishing Effort by Mode (thousands of trips)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	349	252	223	309	303	235	319	300	418	458
Private / Rental	3,481	3,322	3,286	4,736	4,857	4,513	4,426	4,450	5,017	4,681
Shore	3,799	3,222	2,968	3,720	3,874	3,844	3,833	3,910	3,819	4,510
Total Trips	7,629	6,796	6,478	8,765	9,035	8,592	8,578	8,660	9,254	9,650

Recreational Anglers by Residential Area (thousands of anglers)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	999	887	756	1,042	969	1,069	1,198	1,161	1,376	1,408
Non-Coastal	125	89	75	121	108	124	152	165	173	188
Out of State	774	661	597	738	857	883	916	863	976	1,187
Total Anglers	1,898	1,638	1,428	1,900	1,934	2,076	2,266	2,189	2,525	2,782

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

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	32,289	103,822	Fishing Tackle	381,671
Shore	183,834	61,773	Other Equipment	98,514
For-Hire	35,663	20,631	Boat Expenses	360,243
Total Trip Expenditures	251,786	186,226	Vehicle Expenses	582,396
			Second Home Expenses	13,306
			Total Durable Equipment Expenditures	1,436,130
Total State Trip and Durable Equipment Expenditures				1,874,142

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

	Trips	Jobs	Total Sales	Value Added
Connecticut	1,476,698	4,353	664,457	381,538
Maine	1,197,426	2,044	174,741	90,794
Massachusetts	4,724,423	6,081	802,536	436,488
New Hampshire	546,952	497	56,307	30,664
Rhode Island	1,704,087	1,476	166,869	82,046

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

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	375	361	265	396	498	523	701	608	691	585
	R	8,444	9,759	6,436	10,002	7,931	8,577	6,760	8,586	10,831	16,327
Bluefish	H	1,012	637	734	669	974	865	1,167	1,279	1,234	1,541
	R	1,212	914	1,575	1,695	2,591	2,008	2,531	3,238	3,007	3,016
Cod, Atlantic	H	455	455	375	749	1,104	644	706	608	653	264
	R	511	672	583	1,193	1,378	1,143	1,175	945	1,525	802
Flounder, Summer	H	718	1,040	822	1,558	573	439	549	786	604	592
	R	950	749	1,162	1,809	1,008	1,559	1,071	1,048	1,491	2,503
Flounder, Winter	H	329	400	212	143	169	107	83	54	50	61
	R	225	171	110	136	155	74	41	32	43	65
Little Tunny ²	H	5	2	12	2	3	7	3	13	(1)	2
	R	31	16	48	108	38	54	33	109	52	38
Mackerel, Atlantic	H	3,310	1,705	2,797	4,067	3,851	3,543	2,399	1,588	3,062	4,849
	R	371	335	372	654	772	363	212	162	78	328
Porgies (Scup)	H	1,240	747	2,122	3,935	3,031	2,460	4,181	2,983	1,567	1,261
	R	709	873	1,073	2,549	2,837	2,382	2,829	1,759	1,902	2,548
Tuna, Bluefin	H	(1)	(1)	(1)	6	1	1	5	2	12	4
	R	1	2	(1)	(1)	(1)	(1)	4	15	12	13
Wrasses (Tautog)	H	142	148	159	137	172	265	335	294	228	321
	R	247	381	374	233	338	638	669	545	504	595

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

²This 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
Total Impacts	339,544	178,238	6,575
Commercial Harvesters	72,789	31,911	1,278
Seafood Processors and Dealers	20,066	6,393	138
Seafood Wholesalers and Distributors	64,116	31,525	564
Retail Sectors	182,573	108,410	4,595

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	33,086	34,356	38,086	31,227	31,173	27,781	29,820	33,396	37,569	36,891
Finfish & Other	4,951	4,803	5,782	6,427	5,707	4,284	4,129	4,572	5,095	3,731
Shellfish	28,135	29,553	32,304	24,800	25,466	23,497	25,691	28,824	32,474	33,160
Clam, Quahog	8,668	5,106	6,500	9,415	9,930	9,202	10,470	10,690	ND ²	18,135
Flounders	1,235	672	1,114	1,325	1,188	909	896	1,075	1,170	1,026
Goosefish	1,153	1,002	790	1,556	1,201	790	683	580	658	346
Hake	1,840	1,521	3,203	2,864	2,341	1,307	1,602	2,028	2,432	1,628
Lobster	11,092	12,129	9,603	5,501	5,450	4,226	3,170	3,166	3,821	4,031
Oyster, Eastern	5,104	8,978	11,050	4,839	3,245	2,012	2,274	1,356	NA ¹	2,206
Scallop, Sea	2,426	2,615	4,223	4,034	5,727	6,400	8,125	11,203	9,761	7,229
Scups or Porgies	152	189	177	175	171	195	167	191	263	302
Snails (Conchs)	4	15	73	45	95	199	119	209	233	533
Squid, Loligo	806	614	763	ND ²	687	1,178	1,400	1,298	1,224	954

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	19,070	17,626	18,425	19,562	18,745	16,178	16,419	18,189	13,626	11,746
Finfish & Other	9,459	9,488	10,884	11,173	10,605	7,801	7,826	6,829	6,547	5,807
Shellfish	9,611	8,138	7,541	8,389	8,140	8,377	8,593	11,360	7,079	5,939
Clam, Quahog	2,889	1,543	1,560	4,021	3,382	3,435	4,038	5,137	ND ²	2,665
Flounders	814	318	758	1,041	1,011	633	565	637	582	456
Goosefish	1,947	1,703	968	1,544	1,360	1,029	1,023	897	524	496
Hake	4,557	4,157	6,855	6,598	5,644	2,904	2,875	2,936	3,735	2,632
Lobster	3,468	3,715	2,596	1,394	1,330	1,067	671	647	714	793
Oyster, Eastern	1,511	1,383	1,309	624	434	247	279	186	NA ¹	77
Scallop, Sea	370	412	771	800	1,538	1,579	1,908	2,172	1,272	1,104
Scups or Porgies	110	98	96	142	220	314	292	256	328	298
Snails (Conchs)	11	35	116	70	36	128	70	31	50	101
Squid, Loligo	1,334	973	1,120	ND ²	1,026	1,778	1,572	1,699	1,537	1,157

Average Annual Price for Key Species / Species Groups

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Clam, Quahog	3.00	3.31	4.17	2.34	2.94	2.68	2.59	2.08	ND ²	6.80
Flounders	1.52	2.11	1.47	1.27	1.17	1.44	1.59	1.69	2.01	2.25
Goosefish	0.59	0.59	0.82	1.01	0.88	0.77	0.67	0.65	1.26	0.70
Hake	0.40	0.37	0.47	0.43	0.41	0.45	0.56	0.69	0.65	0.62
Lobster	3.20	3.26	3.70	3.95	4.10	3.96	4.72	4.89	5.35	5.08
Oyster, Eastern	3.38	6.49	8.44	7.76	7.48	8.16	8.14	7.30	NA ¹	28.61
Scallop, Sea	6.56	6.35	5.47	5.04	3.72	4.05	4.26	5.16	7.67	6.55
Scups or Porgies	1.37	1.93	1.84	1.23	0.77	0.62	0.57	0.75	0.80	1.01
Snails (Conchs)	0.35	0.44	0.63	0.64	2.65	1.55	1.69	6.69	4.66	5.28
Squid, Loligo	0.60	0.63	0.68	ND ²	0.67	0.66	0.89	0.76	0.80	0.82

¹NA = data is not available.²ND = 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	35	30	22	46	46	51	64	39	38	45
Private / Rental	751	737	774	854	981	953	875	924	1,073	863
Shore	346	524	523	609	695	645	625	574	483	569
Total Trips	1,132	1,292	1,319	1,508	1,723	1,650	1,564	1,537	1,594	1,477

Recreational Anglers by Residential Area (thousands of anglers)¹

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	258	290	243	222	246	283	361	304	333	336
Non-Coastal	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Out of State	70	73	55	53	78	87	112	65	80	44
Total Anglers	327	363	297	275	324	371	473	369	413	380

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

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	1,083	22,679	Fishing Tackle	137,569
Shore	1,079	7,739	Other Equipment	24,119
For-Hire	718	2,503	Boat Expenses	178,180
Total Trip Expenditures	2,880	32,921	Vehicle Expenses	289,270
			Second Home Expenses	0
			Total Durable Equipment Expenditures	629,141
Total State Trip and Durable Equipment Expenditures				664,942

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	183	23,259	14,610
Shore Mode Trip Impacts	77	8,603	5,325
Party/Charter Mode Trip Impacts	46	4,801	2,967
Total Durable Equipment Impacts	4,047	627,793	358,636
Total State Trip and Durable Equipment Economic Impacts	4,353	664,457	381,538

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

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	65	64	56	53	54	51	96	75	115	83
	R	723	1,026	704	926	1,108	697	843	1,079	1,714	1,682
Bluefish	H	246	201	196	166	229	269	437	529	293	476
	R	162	200	368	598	697	523	541	903	545	786
Cod, Atlantic	H	(1)	2	1	(1)	(1)	(1)	2	(1)	(1)	(1)
	R	(1)	3	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Flounder, Summer	H	244	261	215	372	153	93	166	217	213	107
	R	430	268	502	443	406	452	475	363	839	902
Flounder, Winter	H	163	235	67	10	15	16	24	4	4	8
	R	23	85	25	11	32	9	6	9	1	24
Little Tunny ³	H	(1)	(1)	1	(1)	1	(1)	1	2	(1)	(1)
	R	1	5	3	71	27	28	8	9	(1)	(1)
Perch, White	H	87	25	14	17	(1)	1	11	1	(1)	(1)
	R	8	23	14	140	7	27	28	30	3	3
Porgies (Scup)	H	143	190	374	1,318	1,016	882	1,529	564	724	519
	R	62	167	273	925	931	570	804	387	719	733
Shad, Hickory	H	56	50	40	(1)	16	71	71	28	52	80
	R	256	207	81	48	88	377	79	103	35	110
Wrasses (Tautog)	H	32	67	16	11	17	100	168	98	75	176
	R	67	208	68	29	59	219	283	329	144	141

¹In this table, "(1)" = less than 1000 anglers.

²In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = less than 1000 fish were harvested or released.

³This 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	92,362 (1.33%)	1,493,964 (1.38%)	58,256 (1.76%)	96,391 (1.63%) (2001) ¹	145,373 (1.67%)	0.60 (2001) ²	
2005	93,561 (1.25%)	1,529,827 (1.32%)	75,606 (1.69%)	110,480 (1.58%)	193,496 (1.56%)	0.52 (2006) ²	
% change	1.3	2.4	30.0	14.6	33.1	-13.3	

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	17	17	19	20	26	26	25	24
	Receipts	2,729	2,250	1,780	2,378	3,225	2,966	3,115	3,313
Seafood product preparation & packaging	Firms	F	F	4	F	F	7	7	7
	Receipts	F	F	441	F	F	1,022	1,404	551

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	32	36	31	34	36	34	38	39
	Employees	89	F	112	131	165	206	202	187
	Payroll	2,243	F	2,760	3,403	3,859	5,110	5,060	5,028
Seafood sales, wholesale	Establishments	28	29	26	25	28	19	19	17
	Employees	194	187	F	F	F	169	181	F
	Payroll	8,109	8,725	F	F	F	7,738	7,688	F
Seafood product preparation & packaging	Establishments	4	3	3	2	2	2	3	3
	Employees	F	F	F	F	F	F	F	113
	Payroll	F	F	F	F	F	F	F	3,656

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	8	10	13	12	11	12	13	11
	Employees	283	F	F	F	238	270	260	310
	Payroll	22,681	F	F	F	18,271	29,086	37,013	36,766
Coastal & Great Lakes freight transportation	Establishments	13	11	10	8	5	6	5	5
	Employees	462	F	396	506	F	F	F	F
	Payroll	30,673	F	22,291	31,940	F	F	F	F
Marine cargo handling	Establishments	3	4	1	2	1	M	1	3
	Employees	F	F	F	F	F	M	F	F
	Payroll	F	F	F	F	F	M	F	F
Navigational services to shipping	Establishments	3	6	5	4	8	6	6	8
	Employees	F	F	F	F	F	F	F	45
	Payroll	F	F	F	F	F	F	F	1,768
Ship & boat building	Establishments	20	18	18	14	12	14	17	17
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Marinas	Establishments	115	107	101	101	108	116	117	117
	Employees	800	720	676	F	722	1,006	1,016	994
	Payroll	26,045	24,243	24,375	F	29,690	39,691	41,952	42,754
Port and harbor operations	Establishments	4	4	3	3	5	4	4	4
	Employees	F	F	F	F	185	F	F	F
	Payroll	F	F	F	F	5,527	F	F	F

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

¹Employee Compensation data is currently available from 2001-2005.

²Commercial 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
Total Impacts	1,443,039	757,752	29,352
Commercial Harvesters	252,347	95,364	3,129
Seafood Processors and Dealers	127,644	42,993	1,274
Seafood Wholesalers and Distributors	183,889	94,693	1,879
Retail Sectors	879,159	524,702	23,070

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	225,236	217,011	265,208	269,086	241,380	290,312	287,047	367,094	391,906	361,847
Finfish & Other	58,013	52,102	56,785	56,732	56,661	47,486	49,291	48,956	47,091	37,104
Shellfish	167,223	164,909	208,423	212,354	184,719	242,826	237,756	318,138	344,815	324,743
Bloodworms	2,132	2,702	2,888	1,592	4,851	5,759	5,292	7,524	6,039	5,037
Clam, Ocean Quahog	1,978	1,821	2,611	3,310	3,499	4,748	4,480	3,842	3,607	3,919
Clam, Softshell	7,325	10,082	10,465	9,546	16,609	14,370	15,859	16,628	14,081	13,165
Cod & Haddock	4,484	4,820	3,976	5,330	6,469	5,944	4,673	5,401	5,168	3,994
Goosefish	4,087	3,133	5,207	8,876	7,991	6,248	7,852	6,840	6,220	3,238
Herring, Atlantic	7,075	4,746	7,710	6,400	7,165	4,618	7,296	8,019	9,341	10,602
Lobster	138,292	137,189	184,614	187,715	153,982	210,950	205,715	289,079	317,948	297,165
Mussel, Blue	1,652	1,061	688	1,037	2,650	4,117	4,487	3,319	2,625	2,619
Pollock	1,972	3,098	3,111	3,258	2,448	2,386	2,206	2,347	3,105	2,309
Sea Urchins	21,257	17,072	20,300	17,739	12,694	7,657	8,569	7,866	5,142	3,693

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	246,246	184,088	229,597	228,210	236,236	202,480	223,531	228,386	214,344	217,714
Finfish & Other	175,298	114,013	155,588	144,480	167,018	113,131	141,619	130,404	121,160	121,340
Shellfish	70,948	70,075	74,009	83,730	69,218	89,349	81,912	97,982	93,184	96,374
Bloodworms	387	493	515	327	644	683	594	615	456	450
Clam, Ocean Quahog	754	728	948	1,208	1,083	1,287	1,194	1,013	1,001	1,214
Clam, Softshell	1,759	2,354	2,282	2,284	2,660	2,423	2,364	2,380	1,857	1,867
Cod & Haddock	4,993	4,198	3,163	4,295	5,741	5,172	3,860	4,594	4,039	2,448
Goosefish	8,107	6,237	7,629	8,601	10,983	11,127	13,291	10,567	7,115	3,666
Herring, Atlantic	123,237	68,255	111,416	100,097	115,825	67,169	96,681	90,598	87,375	96,214
Lobster	47,023	47,037	53,494	57,215	48,618	63,626	54,971	71,574	68,730	72,667
Mussel, Blue	4,348	2,795	1,809	2,838	2,749	4,793	4,287	4,102	3,357	2,898
Pollock	3,373	4,673	3,568	3,955	3,447	2,958	4,085	4,190	5,259	3,678
Sea Urchins	19,489	15,054	15,435	12,898	9,901	6,321	5,963	5,742	3,517	2,800

Average Annual Price for Key Species / Species Groups

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bloodworms	5.50	5.49	5.61	4.87	7.53	8.43	8.91	12.24	13.24	11.20
Clam, Ocean Quahog	2.62	2.50	2.75	2.74	3.23	3.69	3.75	3.79	3.60	3.23
Clam, Softshell	4.16	4.28	4.59	4.18	6.25	5.93	6.71	6.99	7.58	7.05
Cod & Haddock	0.90	1.15	1.26	1.24	1.13	1.15	1.21	1.18	1.28	1.63
Goosefish	0.50	0.50	0.68	1.03	0.73	0.56	0.59	0.65	0.87	0.88
Herring, Atlantic	0.06	0.07	0.07	0.06	0.06	0.07	0.08	0.09	0.11	0.11
Lobster	2.94	2.92	3.45	3.28	3.17	3.32	3.74	4.04	4.63	4.09
Mussel, Blue	0.38	0.38	0.38	0.37	0.96	0.86	1.05	0.81	0.78	0.90
Pollock	0.58	0.66	0.87	0.82	0.71	0.81	0.54	0.56	0.59	0.63
Sea Urchins	1.09	1.13	1.32	1.38	1.28	1.21	1.44	1.37	1.46	1.32

Recreational Fishing Effort by Mode (thousands of trips)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	6	3	9	17	20	13	14	38	38	31
Private / Rental	444	259	270	482	444	422	410	315	552	517
Shore	405	415	350	396	469	471	495	406	499	649
Total Trips	854	676	629	895	932	906	919	758	1,089	1,197

Recreational Anglers by Residential Area (thousands of anglers)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	173	103	112	139	126	127	165	111	195	182
Non-Coastal	20	16	10	20	16	17	23	21	21	22
Out of State	130	115	95	150	166	172	170	155	175	285
Total Anglers	323	234	216	310	308	316	358	287	391	489

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

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	2,769	7,692	Fishing Tackle	30,994
Shore	44,352	3,561	Other Equipment	14,072
For-Hire	5,366	590	Boat Expenses	57,096
Total Trip Expenditures	52,487	11,843	Vehicle Expenses	26,044
			Second Home Expenses	780
			Total Durable Equipment Expenditures	128,984
Total State Trip and Durable Equipment Expenditures				193,314

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	124	10,479	6,186
Shore Mode Trip Impacts	914	65,341	36,015
Party/Charter Mode Trip Impacts	113	8,319	4,701
Total Durable Equipment Impacts	893	90,601	43,892
Total State Trip and Durable Equipment Economic Impacts	2,044	174,741	90,794

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

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	35	38	21	62	60	72	58	37	69	73
	R	1,418	691	650	943	871	1,392	847	748	3,024	4,063
Bluefish	H	13	2	8	(1)	15	24	14	17	19	6
	R	83	(1)	20	4	40	42	23	38	51	42
Cod, Atlantic	H	25	2	13	41	92	15	11	42	26	12
	R	37	7	30	50	73	16	25	43	43	41
Flounder, Winter	H	27	1	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	1	(1)	3	(1)	1	(1)	(1)	1
Haddock	H	(1)	(1)	1	11	12	3	1	12	7	8
	R	(1)	(1)	1	16	17	4	4	3	3	4
Mackerel, Atlantic	H	1,254	571	881	1,406	1,175	1,207	616	778	761	387
	R	189	157	165	304	319	234	106	79	32	95
Pollock	H	77	45	16	74	58	76	10	57	45	78
	R	27	20	33	103	130	48	17	39	53	27
Shad, American	H	(1)	(1)	1	1	(1)	(1)	(1)	(1)	1	4
	R	(1)	(1)	(1)	1	2	(1)	1	2	(1)	20
Shark, Blue	H	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	3	(1)	3	(1)	(1)	(1)	(1)	1	(1)	(1)
Tuna, Bluefin	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

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

State Economy (% of national total)						
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient
1998	38,334 (0.55%)	456,715 (0.42%)	11,559 (0.35%)	22,035 (0.37%) (2001) ¹	31,731 (0.37%)	8.09 (2001) ²
2005	41,933 (0.56%)	497,387 (0.43%)	15,873 (0.35%)	25,869 (0.37%)	44,906 (0.36%)	12.43 (2006) ²
% change	9.4	8.9	37.3	17.4	41.5	53.6

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	53	56	60	51	62	60	55	51
	Receipts	5,782	6,602	9,505	8,486	8,980	8,365	8,621	7,331
Seafood product preparation & packaging	Firms	57	54	51	55	50	62	57	52
	Receipts	5,495	4,154	3,657	6,301	3,023	4,699	5,642	5,082

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	28	32	34	41	47	51	50	49
	Employees	138	146	F	F	173	181	189	184
	Payroll	2,119	2,512	F	F	3,971	4,663	5,112	4,678
Seafood sales, wholesale	Establishments	210	201	194	182	190	181	177	177
	Employees	1,840	1,722	1,631	1,235	1,256	985	1,048	1,152
	Payroll	33,912	34,045	36,325	32,599	36,043	29,643	30,108	30,513
Seafood product preparation & packaging	Establishments	35	43	40	36	33	35	28	27
	Employees	1,084	1,024	992	1,007	639	656	576	614
	Payroll	12,153	12,676	12,110	13,125	11,301	13,999	19,767	12,349

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	4	3	2	2	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	6	7	6	6	4	5	4	3
	Employees	F	F	F	F	30	F	F	F
	Payroll	F	F	F	F	939	F	F	F
Marine cargo handling	Establishments	6	5	4	4	4	4	4	3
	Employees	F	F	F	F	91	F	F	F
	Payroll	F	F	F	F	3,183	F	F	F
Navigational services to shipping	Establishments	17	16	14	16	18	17	16	16
	Employees	60	55	49	45	88	106	91	88
	Payroll	2,934	3,015	3,175	3,371	4,341	5,521	4,927	5,890
Ship & boat building	Establishments	76	75	72	79	87	91	86	92
	Employees	F	F	F	8,242	F	7,630	7,753	F
	Payroll	F	F	F	300,378	F	332,332	328,179	F
Marinas	Establishments	88	91	91	89	85	79	84	84
	Employees	467	508	592	600	503	416	406	411
	Payroll	13,208	14,712	16,454	18,121	16,055	12,853	13,369	14,215
Port and harbor operations	Establishments	1	1	1	1	M	1	1	1
	Employees	F	F	F	F	M	F	F	F
	Payroll	F	F	F	F	M	F	F	F

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

¹Employee Compensation data is currently available from 2001-2005.

²Commercial 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
Total Impacts	4,363,812	2,319,814	82,760
Commercial Harvesters	401,530	166,334	3,505
Seafood Processors and Dealers	510,127	199,899	4,272
Seafood Wholesalers and Distributors	653,370	318,443	5,689
Retail Sectors	2,798,785	1,635,139	69,294

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	224,360	205,703	260,246	290,948	280,108	296,914	292,600	326,003	427,072	437,044
Finfish & Other	100,806	108,123	110,155	120,599	122,950	122,838	116,765	109,395	117,246	110,167
Shellfish	123,554	97,580	150,091	170,349	157,158	174,076	175,835	216,608	309,826	326,877
Clam, Ocean Quahog	8,589	8,048	6,905	5,235	ND ¹	ND ¹	7,325	6,919	ND ¹	8,297
Clams, All Other	1,312	1,191	653	581	5,927	8,169	823	4,721	18,314	14,071
Cod & Haddock	21,440	26,215	27,372	29,573	36,915	40,550	36,668	31,678	32,051	25,452
Flounders	30,216	31,034	27,425	30,521	33,088	33,092	32,995	29,898	28,815	24,593
Goosefish	15,306	15,807	21,847	24,121	18,263	15,546	15,585	15,676	21,486	17,712
Herring, Atlantic	2,658	3,922	1,260	604	2,769	2,285	5,461	4,574	8,279	7,828
Lobster	61,959	48,576	66,770	70,116	53,430	56,569	52,329	51,581	49,587	52,557
Mackerel, Atlantic	287	721	331	184	141	713	1,888	6,542	ND ¹	10,202
Oyster, Eastern	NA ²	0	NA ²	NA ²	NA ²	NA ²	NA ²	24	2,739	4,620
Scallop, Sea	47,023	36,037	70,226	85,294	88,513	100,551	106,938	144,512	227,117	234,797

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	229,335	256,647	198,674	189,038	241,046	243,503	295,436	337,853	337,266	348,308
Finfish & Other	177,531	210,215	143,931	130,130	182,485	175,491	231,978	267,555	267,431	268,290
Shellfish	51,804	46,432	54,743	58,908	58,561	68,012	63,458	70,298	69,835	80,018
Clam, Ocean Quahog	20,438	19,189	16,530	12,397	ND ¹	ND ¹	14,226	14,085	ND ¹	16,798
Clams, All Other	1,545	1,675	880	734	10,836	17,057	1,045	6,314	19,703	4,515
Cod & Haddock	24,301	24,262	23,616	26,685	37,176	37,521	32,013	27,121	24,631	15,862
Flounders	21,393	22,904	21,384	29,041	33,991	28,987	29,418	30,705	22,115	13,182
Goosefish	26,885	27,564	26,422	20,888	22,120	22,794	23,979	22,358	21,853	17,496
Herring, Atlantic	53,404	74,672	23,756	9,615	48,960	40,508	79,873	68,464	99,449	82,821
Lobster	15,087	13,277	15,534	15,803	12,133	12,853	11,385	11,295	9,884	10,967
Mackerel, Atlantic	1,236	2,329	1,302	479	387	5,549	23,451	72,687	ND ¹	89,535
Oyster, Eastern	NA ²	0	NA ²	NA ²	NA ²	NA ²	NA ²	9	105	213
Scallop, Sea	7,078	5,751	12,254	16,175	22,915	25,290	25,371	27,909	29,062	36,108

Average Annual Price for Key Species / Species Groups

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Clam, Ocean Quahog	0.42	0.42	0.42	0.42	ND ¹	ND ¹	0.51	0.49	ND ¹	0.49
Clams, All Other	0.85	0.71	0.74	0.79	0.55	0.48	0.79	0.75	0.93	3.12
Cod & Haddock	0.88	1.08	1.16	1.11	0.99	1.08	1.15	1.17	1.30	1.60
Flounders	1.41	1.35	1.28	1.05	0.97	1.14	1.12	0.97	1.30	1.87
Goosefish	0.57	0.57	0.83	1.15	0.83	0.68	0.65	0.70	0.98	1.01
Herring, Atlantic	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
Lobster	4.11	3.66	4.30	4.44	4.40	4.40	4.60	4.57	5.02	4.79
Mackerel, Atlantic	0.23	0.31	0.25	0.38	0.36	0.13	0.08	0.09	ND ¹	0.11
Oyster, Eastern	NA ²	0.67	NA ²	NA ²	NA ²	NA ²	NA ²	2.74	26.08	21.74
Scallop, Sea	6.64	6.27	5.73	5.27	3.86	3.98	4.21	5.18	7.81	6.50

¹ND = data is confidential thus not disclosable.

²NA = data is not available.

Recreational Fishing Effort by Mode (thousands of trips)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	190	142	146	172	134	106	145	133	246	242
Private / Rental	1,772	1,765	1,552	2,518	2,569	2,399	2,329	2,456	2,383	2,438
Shore	2,179	1,544	1,285	1,931	1,821	1,701	1,611	1,913	1,809	2,044
Total Trips	4,141	3,451	2,983	4,622	4,524	4,206	4,085	4,502	4,439	4,724

Recreational Anglers by Residential Area (thousands of anglers)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	412	342	240	493	392	465	434	540	600	623
Non-Coastal	96	65	57	90	79	96	112	133	138	151
Out of State	330	228	174	265	279	344	306	344	398	484
Total Anglers	838	635	471	848	750	906	852	1,018	1,136	1,258

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

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	15,751	57,183	Fishing Tackle	141,321
Shore	109,111	40,722	Other Equipment	38,418
For-Hire	21,594	12,935	Boat Expenses	95,619
Total Trip Expenditures	146,456	110,840	Vehicle Expenses	227,975
			Second Home Expenses	10,727
			Total Durable Equipment Expenditures	514,063
Total State Trip and Durable Equipment Expenditures				771,359

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	697	81,565	50,009
Shore Mode Trip Impacts	2,086	215,128	127,374
Party/Charter Mode Trip Impacts	542	52,148	31,112
Total Durable Equipment Impacts	2,756	453,695	227,991
Total State Trip and Durable Equipment Economic Impacts	6,081	802,536	436,488

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

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Atlantic Bonito	H	4	(1)	1	4	13	6	11	4	15	5
	R	6	1	1	8	8	17	(1)	3	12	18
Bass, Striped	H	199	208	127	181	288	309	407	400	368	340
	R	5,418	7,184	4,576	7,382	5,411	5,719	4,362	5,892	4,840	8,657
Bluefish	H	316	237	197	221	357	229	374	406	589	686
	R	644	510	397	596	948	628	1,019	1,468	1,812	1,507
Cod, Atlantic	H	340	370	284	599	842	585	583	519	558	188
	R	364	558	471	975	1,119	1,049	937	843	1,337	534
Flounder, Summer	H	220	383	175	379	152	155	177	281	203	219
	R	251	234	219	445	210	336	244	388	308	556
Flounder, Winter	H	73	97	60	74	61	53	45	40	42	43
	R	159	57	46	100	97	34	30	17	39	35
Haddock	H	6	23	6	81	73	61	75	215	334	151
	R	33	12	12	88	45	125	130	104	87	89
Mackerel, Atlantic	H	1,592	786	1,321	2,049	1,811	2,024	1,313	722	1,967	4,296
	R	109	89	77	231	157	61	45	73	21	203
Porgies (Scup)	H	810	322	1,029	1,382	881	975	1,624	1,511	397	314
	R	401	422	521	748	832	879	1,221	855	516	931
Wrasses (Tautog)	H	39	25	91	88	116	103	47	23	48	63
	R	105	81	152	139	205	284	190	63	148	266

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

Massachusetts' Economy (% of national total)						
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient
1998	167,929 (2.42%)	2,924,913 (2.71%)	105,871 (3.20%)	181,507 (3.06%) (2001) ¹	236,079 (2.72%)	7.54 (2001) ²
2005	175,291 (2.34%)	2,996,347 (2.58%)	140,581 (3.14%)	200,912 (2.86%)	320,050 (2.59%)	9.54 (2005) ²
% change	4.4	2.4	32.8	10.7	35.6	26.5

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	61	70	62	62	78	59	64	59
	Receipts	8,727	9,075	6,128	6,171	7,314	5,409	5,933	5,528
Seafood product preparation & packaging	Firms	19	31	22	29	26	23	25	28
	Receipts	2,291	3,455	2,684	1,762	1,296	676	2,284	2,266

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	107	111	109	115	126	124	128	116
	Employees	442	451	435	451	490	720	686	677
	Payroll	6,974	7,071	7,401	8,224	10,673	17,760	17,454	17,725
Seafood sales, wholesale	Establishments	256	247	229	212	207	163	148	151
	Employees	2,408	2,486	2,685	2,508	2,393	1,880	1,890	1,836
	Payroll	88,551	99,482	104,358	105,904	107,871	74,431	75,689	76,070
Seafood product preparation & packaging	Establishments	41	42	42	41	45	55	53	50
	Employees	1,841	1,880	2,251	2,164	2,231	2,717	2,743	2,671
	Payroll	72,700	77,625	82,907	83,249	92,776	110,917	112,642	115,704

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	15	14	12	14	12	10	10	10
	Employees	F	375	368	F	F	F	F	F
	Payroll	F	24,000	31,434	F	F	F	F	F
Coastal & Great Lakes freight transportation	Establishments	7	9	9	12	10	13	13	10
	Employees	F	585	F	F	F	F	688	F
	Payroll	F	27,494	F	F	F	F	36,533	F
Marine cargo handling	Establishments	4	3	6	7	7	6	6	5
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Navigational services to shipping	Establishments	7	6	4	5	5	5	7	6
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Ship & boat building	Establishments	53	51	54	56	50	53	55	50
	Employees	508	601	599	577	617	F	F	588
	Payroll	16,715	21,068	18,503	18,813	21,710	F	F	20,050
Marinas	Establishments	132	133	131	136	139	145	135	139
	Employees	856	838	865	996	988	969	989	973
	Payroll	25,022	28,090	30,790	34,865	35,169	40,700	41,474	43,103
Port and harbor operations	Establishments	1	M	M	M	M	3	3	3
	Employees	F	M	M	M	M	F	F	F
	Payroll	F	M	M	M	M	F	F	F

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

¹Employee Compensation data is currently available from 2001-2005.

²Commercial 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
Total Impacts	310,931	173,310	6,452
Commercial Harvesters	36,338	16,212	652
Seafood Processors and Dealers	35,440	18,247	408
Seafood Wholesalers and Distributors	50,098	25,523	482
Retail Sectors	189,055	113,327	4,910

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	12,570	11,183	12,539	16,198	17,865	16,692	15,122	17,211	22,116	18,842
Finfish & Other	5,380	5,251	5,513	7,850	8,231	7,353	5,743	6,448	6,874	4,783
Shellfish	7,190	5,932	7,026	8,348	9,634	9,339	9,379	10,763	15,242	14,059
Cod, Atlantic	1,636	1,550	394	1,807	2,017	1,983	1,853	2,244	1,892	1,708
Goosefish	798	671	1,714	2,715	2,812	1,853	1,097	1,456	1,472	794
Haddock	37	59	104	187	181	134	144	157	134	132
Hake	280	174	550	463	367	321	303	200	277	219
Herring, Atlantic	14	24	148	306	399	783	1,170	1,147	1,255	199
Lobster	5,545	4,702	5,916	7,081	8,072	2	ND ¹	10,199	14,375	13,915
Pollock	781	970	1,430	1,045	891	847	589	569	1,217	1,221
Scallop, Sea	8	51	ND ¹	ND ¹	689	726	375	276	527	24
Shark, Spiny Dogfish	146	350	205	605	148	85	27	0	ND ¹	183
Shrimp	1,079	791	282	375	369	104	212	222	340	120

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	10,886	10,169	11,247	17,887	18,584	23,199	27,432	23,792	21,280	10,339
Finfish & Other	7,064	7,301	8,748	14,932	15,077	20,354	24,745	21,071	18,081	7,376
Shellfish	3,822	2,868	2,499	2,955	3,507	2,845	2,687	2,721	3,199	2,963
Cod, Atlantic	2,003	1,491	350	1,756	1,976	1,583	1,458	1,633	1,293	1,024
Goosefish	932	821	1,384	1,873	2,463	1,876	1,629	1,640	1,226	621
Haddock	30	44	74	134	135	95	108	123	99	73
Hake	649	308	888	1,094	820	557	729	405	372	241
Herring, Atlantic	152	260	2,443	5,582	7,015	14,125	18,933	15,589	12,562	2,020
Lobster	1,414	1,195	1,380	1,710	2,028	0	ND ¹	2,097	2,556	2,666
Pollock	1,290	1,413	1,641	1,337	1,183	997	1,109	1,202	1,997	2,566
Scallop, Sea	1	7	ND ¹	ND ¹	171	177	100	44	76	3
Shark, Spiny Dogfish	1,009	1,893	1,238	2,334	536	349	175	0	ND ¹	620
Shrimp	1,257	887	376	468	506	90	223	432	567	294

Average Annual Price for Key Species / Species Groups

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Cod, Atlantic	0.82	1.04	1.13	1.03	1.02	1.25	1.27	1.37	1.46	1.67
Goosefish	0.86	0.82	1.24	1.45	1.14	0.99	0.67	0.89	1.20	1.28
Haddock	1.24	1.35	1.41	1.39	1.35	1.41	1.33	1.27	1.35	1.82
Hake	0.43	0.56	0.62	0.42	0.45	0.58	0.41	0.49	0.74	0.91
Herring, Atlantic	0.09	0.09	0.06	0.05	0.06	0.06	0.06	0.07	0.10	0.10
Lobster	3.92	3.94	4.29	4.14	3.98	3.86	ND ¹	4.86	5.62	5.22
Pollock	0.61	0.69	0.87	0.78	0.75	0.85	0.53	0.47	0.61	0.48
Scallop, Sea	7.58	7.38	ND ¹	ND ¹	4.04	4.10	3.76	6.22	6.89	7.44
Shark, Spiny Dogfish	0.14	0.19	0.17	0.26	0.28	0.24	0.16	0.19	ND ¹	0.30
Shrimp	0.86	0.89	0.75	0.80	0.73	1.16	0.95	0.51	0.60	0.41

¹ND = 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	56	30	25	34	83	29	35	39	47	88
Private / Rental	127	121	112	145	177	143	230	141	236	192
Shore	154	127	147	189	100	147	150	181	237	267
Total Trips	338	277	285	368	360	318	416	360	520	547

Recreational Anglers by Residential Area (thousands of anglers)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	59	57	55	77	68	60	91	81	104	90
Non-Coastal	8	8	8	10	13	11	16	12	14	15
Out of State	67	58	60	85	74	65	75	71	85	82
Total Anglers	135	123	123	172	154	137	182	163	203	187

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

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	828	5,138	Fishing Tackle	16,461
			Other Equipment	4,538
Shore	3,770	3,117	Boat Expenses	7,306
			Vehicle Expenses	13,447
For-Hire	3,680	3,640	Second Home Expenses	0
			Total Durable Equipment Expenditures	41,750
Total Trip Expenditures	8,278	11,895		
Total State Trip and Durable Equipment Expenditures				61,923

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	57	5,905	3,569
Shore Mode Trip Impacts	81	7,336	4,346
Party/Charter Mode Trip Impacts	128	10,529	6,169
Total Durable Equipment Impacts	231	32,537	16,580
Total State Trip and Durable Equipment Economic Impacts	497	56,307	30,664

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

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Bass, Striped	H	14	6	5	4	15	13	25	10	26	15
	R	279	243	146	210	164	238	260	197	513	568
Bluefish	H	25	3	4	1	8	19	8	21	23	10
	R	3	1	5	1	14	14	17	10	42	26
Bottom Fish, Unidentified	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Cod, Atlantic	H	62	24	39	70	164	39	108	44	69	61
	R	73	51	68	148	184	70	208	56	143	225
Flounder or Sole, Unidentified	H	(1)	(1)	(1)	4	(1)	(1)	(1)	2	1	(1)
	R	(1)	(1)	1	9	2	5	1	2	4	6
Flounder, Winter	H	11	29	11	8	9	8	7	2	3	10
	R	11	12	6	8	6	10	3	2	3	5
Haddock	H	19	10	7	17	36	19	44	51	107	120
	R	16	4	7	29	50	43	128	17	36	86
Mackerel, Atlantic	H	412	255	446	581	828	212	409	86	333	153
	R	72	73	109	120	297	69	61	10	25	31
Pollock	H	42	63	74	177	167	89	63	53	49	80
	R	53	79	110	293	265	63	42	28	29	39
Tuna, Bluefin	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

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

State Economy (% of national total)						
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient
1998	36,842 (0.53%)	518,526 (0.48%)	14,864 (0.45%)	26,752 (0.45%) (2001) ¹	39,102 (0.45%)	0.08 (2001) ²
2005	39,224 (0.52%)	562,398 (0.48%)	21,027 (0.47%)	32,038 (0.46%)	54,119 (0.44%)	ND ³
% change	6.5	8.5	41.5	19.8	38.4	--

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	11	7	6	8	9	14	15	11
	Receipts	735	850	419	1,055	862	960	1,438	1,330
Seafood product preparation & packaging	Firms	F	F	F	F	F	7	4	4
	Receipts	F	F	F	F	F	1,205	1,147	842

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	7	7	7	9	9	12	12	12
	Employees	F	F	F	F	F	F	F	79
	Payroll	F	F	F	F	F	F	F	2,053
Seafood sales, wholesale	Establishments	17	16	14	14	14	11	12	10
	Employees	81	F	68	75	78	F	82	F
	Payroll	2,045	F	1,813	2,222	2,093	F	2,511	F
Seafood product preparation & packaging	Establishments	8	8	10	8	9	11	10	10
	Employees	340	298	298	F	368	322	448	418
	Payroll	10,076	9,377	9,952	F	13,452	13,676	18,886	16,275

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	M	1	2	1	1	1	1	2
	Employees	M	F	F	F	F	F	F	F
	Payroll	M	F	F	F	F	F	F	F
Coastal & Great Lakes freight transportation	Establishments	M	M	1	1	1	M	M	1
	Employees	M	M	F	F	F	M	M	F
	Payroll	M	M	F	F	F	M	M	F
Marine cargo handling	Establishments	M	M	M	M	M	M	M	M
	Employees	M	M	M	M	M	M	M	M
	Payroll	M	M	M	M	M	M	M	M
Navigational services to shipping	Establishments	2	2	2	2	2	3	3	4
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Ship & boat building	Establishments	5	4	5	6	8	10	8	6
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Marinas	Establishments	42	43	39	42	36	40	40	38
	Employees	210	233	249	209	228	196	226	194
	Payroll	5,845	6,757	7,768	8,135	10,872	9,043	9,315	8,871
Port and harbor operations	Establishments	1	1	1	1	1	M	M	M
	Employees	F	F	F	F	F	M	M	M
	Payroll	F	F	F	F	F	M	M	M

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

¹Employee Compensation data is currently available from 2001-2005.

²Commercial 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.

³ND = Data is not disclosable.

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

	Sales Impacts	Income Impacts	Employment Impacts
Total Impacts	705,938	378,396	14,966
Commercial Harvesters	171,075	75,223	3,308
Seafood Processors and Dealers	50,924	18,474	465
Seafood Wholesalers and Distributors	97,988	50,549	947
Retail Sectors	385,951	234,149	10,246

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	78,062	71,953	85,997	80,918	68,618	64,658	66,023	76,252	91,578	98,575
Finfish & Other	33,732	24,762	27,314	26,901	26,468	25,058	24,349	25,009	24,716	28,178
Shellfish	44,334	47,197	58,682	54,016	42,154	39,602	41,679	51,241	66,867	70,397
Clam, Quahog	6,315	4,099	4,665	7,991	7,208	7,043	6,370	5,870	3,440	3,528
Flounder, Summer	3,907	3,914	3,766	3,800	3,787	3,992	4,061	5,312	5,877	5,045
Flounders, Other	2,669	2,899	3,337	3,962	3,085	3,194	2,728	2,133	1,735	3,502
Goosefish	5,950	4,095	6,652	6,892	5,455	4,757	4,813	3,419	4,549	4,501
Herring, Atlantic	1,671	2,065	1,865	2,337	2,295	1,312	1,195	1,185	970	2,667
Lobster	20,115	20,011	31,616	28,103	18,747	15,875	16,731	14,621	23,010	18,392
Mackerel, Atlantic	7,036	1,626	848	444	280	3,031	2,385	3,009	2,913	3,293
Scallop, Sea	ND ¹	ND ¹	ND ¹	1,392	684	ND ¹	279	1,512	13,275	20,783
Scups or Porgies	1,434	1,156	1,672	1,252	1,282	2,229	2,098	1,991	2,426	2,785
Squid, Loligo	14,878	20,059	16,128	12,937	11,596	13,208	14,319	24,631	17,049	16,731

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	142,362	133,469	125,908	121,352	116,699	103,507	97,435	109,748	96,984	112,649
Finfish & Other	103,146	84,537	83,069	81,989	82,857	70,529	62,319	58,937	47,828	60,868
Shellfish	39,216	48,933	42,839	39,363	33,842	32,978	35,116	50,811	49,155	51,781
Clam, Quahog	1,442	881	860	1,409	1,220	1,192	1,131	1,074	636	679
Flounder, Summer	1,565	1,712	1,635	1,704	1,799	2,286	2,178	3,085	2,926	2,123
Flounders, Other	2,220	2,379	2,899	4,070	3,148	2,781	2,428	2,360	1,315	1,850
Goosefish	10,381	7,150	7,526	5,897	6,081	5,148	6,830	4,284	4,143	3,864
Herring, Atlantic	32,894	34,322	36,362	40,414	36,400	12,774	13,440	13,481	11,605	23,150
Lobster	5,799	5,618	8,156	6,908	4,452	3,835	3,475	3,064	4,344	3,750
Mackerel, Atlantic	21,333	5,771	4,335	1,939	1,131	20,930	10,768	12,083	8,075	10,143
Scallop, Sea	ND ¹	ND ¹	ND ¹	238	181	ND ¹	76	249	1,612	3,290
Scups or Porgies	1,070	795	1,280	1,017	1,617	3,675	3,814	3,425	3,424	3,643
Squid, Loligo	28,091	38,559	20,233	26,051	22,769	23,713	25,862	41,644	22,135	21,296

Average Annual Price for Key Species / Species Groups

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Clam, Quahog	4.38	4.65	5.42	5.67	5.91	5.91	5.63	5.46	5.41	5.20
Flounder, Summer	2.50	2.29	2.30	2.23	2.11	1.75	1.86	1.72	2.01	2.38
Flounders, Other	1.20	1.22	1.15	0.97	0.98	1.15	1.12	0.90	1.32	1.89
Goosefish	0.57	0.57	0.88	1.17	0.90	0.92	0.70	0.80	1.10	1.16
Herring, Atlantic	0.05	0.06	0.05	0.06	0.06	0.10	0.09	0.09	0.08	0.12
Lobster	3.47	3.56	3.88	4.07	4.21	4.14	4.82	4.77	5.30	4.91
Mackerel, Atlantic	0.33	0.28	0.20	0.23	0.25	0.14	0.22	0.25	0.36	0.32
Scallop, Sea	ND ¹	ND ¹	ND ¹	5.86	3.78	ND ¹	3.67	6.07	8.23	6.32
Scups or Porgies	1.34	1.45	1.31	1.23	0.79	0.61	0.55	0.58	0.71	0.76
Squid, Loligo	0.53	0.52	0.80	0.50	0.51	0.56	0.55	0.59	0.77	0.79

¹ND = 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	62	47	22	40	20	37	60	51	48	52
Private / Rental	386	441	577	737	687	595	582	615	772	671
Shore	715	612	663	596	789	880	952	836	790	982
Total Trips	1,163	1,100	1,262	1,373	1,496	1,512	1,595	1,503	1,611	1,704

Recreational Anglers by Residential Area (thousands of anglers)¹

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	97	96	108	112	137	134	147	124	143	177
Non-Coastal	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Out of State	178	187	214	184	260	214	253	227	238	291
Total Anglers	275	283	321	296	397	348	400	351	381	468

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

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	11,858	11,130	Fishing Tackle	55,326
			Other Equipment	17,367
Shore	25,522	6,634	Boat Expenses	22,042
			Vehicle Expenses	25,660
For-Hire	4,305	963	Second Home Expenses	1,799
			Total Durable Equipment Expenditures	122,194
Total Trip Expenditures	41,685	18,727		
Total State Trip and Durable Equipment Expenditures				182,606

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	239	22,461	13,455
Shore Mode Trip Impacts	426	35,783	20,575
Party/Charter Mode Trip Impacts	76	6,988	4,178
Total Durable Equipment Impacts	735	101,636	43,838
Total State Trip and Durable Equipment Economic Impacts	1,476	166,869	82,046

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

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Atlantic Bonito	H	15	5	25	3	2	11	2	6	1	(1)
	R	3	3	26	1	1	1	4	5	1	(1)
Bass, Striped	H	62	45	56	95	80	78	115	85	113	74
	R	607	613	360	542	377	530	449	670	741	1,356
Bluefish	H	412	194	330	280	365	325	334	307	310	362
	R	320	203	784	497	893	801	932	818	558	655
Cod, Atlantic	H	28	59	37	39	6	6	1	3	1	2
	R	36	52	13	20	2	8	5	3	2	2
Flounder, Summer	H	254	395	432	807	268	191	205	288	188	264
	R	269	245	440	921	392	770	351	297	341	1,044
Flounder, Winter	H	55	38	74	51	82	30	8	8	1	1
	R	33	17	32	17	17	20	1	3	(1)	(1)
Porgies (Scup)	H	286	235	719	1,235	1,134	603	1,027	908	446	428
	R	245	284	279	876	1,074	933	805	517	666	884
Sea Bass, Black	H	35	26	25	197	123	78	70	53	56	53
	R	36	26	121	401	151	241	205	39	52	259
Tuna, Yellowfin	H	2	(1)	2	5	1	1	2	(1)	1	(1)
	R	1	(1)	(1)	(1)	(1)	(1)	11	(1)	1	(1)
Wrasses (Tautog)	H	71	56	52	39	40	62	120	173	106	81
	R	75	91	153	64	74	135	197	153	212	188

¹In this table, "(1)" = less than 1000 anglers

²In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = less than 1000 fish were harvested or released.

State Economy (% of national total)						
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient
1998	28,245 (0.41%)	402,485 (0.37%)	11,116 (0.34%)	20,063 (0.34%) (2001) ¹	29,537 (0.34%)	2.88 (2001) ²
2005	30,331 (0.40%)	442,291 (0.38%)	15,756 (0.35%)	24,337 (0.35%)	43,623 (0.35%)	3.91 (2006) ²
% change	7.4	9.9	41.7	21.3	47.7	35.8

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	14	11	14	17	20	16	14	16
	Receipts	1,806	1,505	1,860	2,577	2,433	2,227	2,186	2,215
Seafood product preparation & packaging	Firms	F	F	F	F	F	F	F	6
	Receipts	F	F	F	F	F	F	F	2,024

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	22	24	26	26	27	29	34	31
	Employees	79	102	97	F	151	162	163	140
	Payroll	1,400	2,018	2,596	F	3,015	2,870	2,707	2,447
Seafood sales, wholesale	Establishments	49	43	40	41	39	38	35	32
	Employees	401	393	411	382	380	394	259	206
	Payroll	12,162	12,471	13,153	14,250	14,505	15,724	12,269	9,851
Seafood product preparation & packaging	Establishments	8	6	6	6	9	7	7	7
	Employees	F	241	227	240	184	355	355	270
	Payroll	F	6,681	7,184	7,581	7,284	10,381	10,867	5,549

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	1	1	2	2	1	1	2	2
	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	1	2	1	1	1
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Marine cargo handling	Establishments	2	3	4	3	3	1	1	1
	Employees	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F
Navigational services to shipping	Establishments	11	8	8	9	10	8	8	8
	Employees	F	F	F	F	36	46	F	F
	Payroll	F	F	F	F	2,162	2,585	F	F
Ship & boat building	Establishments	35	32	28	33	31	37	38	36
	Employees	F	F	1,079	F	1,329	F	F	F
	Payroll	F	F	37,259	F	47,328	F	F	F
Marinas	Establishments	55	51	55	54	56	61	60	66
	Employees	388	414	504	555	522	405	475	408
	Payroll	12,452	13,146	14,698	18,967	17,609	14,456	15,111	15,843
Port and harbor operations	Establishments	1	1	1	M	M	2	2	2
	Employees	F	F	F	M	M	F	F	F
	Payroll	F	F	F	M	M	F	F	F

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

¹Employee Compensation data is currently available from 2001-2005.

²Commercial 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.