

New England

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



Management Context

The New England Region includes Connecticut, Maine, Massachusetts, New Hampshire, and Rhode Island. Federal fisheries in this region are managed by the New England Fishery Management Council (NEFMC) and NOAA Fisheries (NMFS) under nine fishery management plans (FMPs). Two of these FMPs are developed in conjunction with the Mid-Atlantic Fisheries Management Council (MAFMC). The MAFMC is the lead Council for the Dogfish FMP and the NEFMC is the lead for the Monkfish FMP.

New England Region FMPs

1. Northeast multispecies
2. Sea scallops
3. Monkfish (with the MAFMC)
4. Atlantic herring
5. Small mesh multispecies
6. Spiny dogfish (with the MAFMC)
7. Red crab
8. Northeast skate complex
9. Atlantic salmon

Of the stocks or stock complexes covered in these fishery management plans, sixteen are currently listed as overfished: Atlantic cod, Atlantic halibut, Atlantic salmon, Atlantic wolffish, ocean pout, pollock, smooth skate, thorny skate, white hake, windowpane, winter flounder (two stocks), witch flounder, and yellowtail flounder (three stocks). Twelve stocks or stock complexes are currently subject to overfishing: Atlantic cod (two stocks), Atlantic wolffish, pollock, white hake, windowpane (two stocks), winter flounder (two stocks), witch flounder, and yellowtail flounder (two stocks).

Between 1990 and 1994, there was a 68% drop in total landings of sea scallop in the New England Region from 24 million pounds to 7.6 million pounds. Additionally, an Emergency Action was enacted in December 1994, which closed three large fishing grounds on the Northeast Continental Shelf to rebuild certain groundfish stocks, but which also affected a large percentage of the scallop biomass. Portions of these closed areas were reopened to scallop fishing in 1999, resulting in a total catch of 13.7 million pounds. Building on the success from the previous closure management system, Amendment 10 to the Atlantic Sea Scallop FMP was implemented in 2004, which uses rotational area management. Since that time, total landings have continued to increase, reaching a peak of 41 million pounds in 2006.

Commercial Fisheries

In 2010, commercial fishermen in the New England Region landed 576 million pounds of finfish and shellfish, earning \$954 million in landings revenue. Landings revenue was dominated by American lobster (\$393 million) and sea scallop (\$265 million). These species groups commanded ex-vessel prices of \$3.43 and \$8.07 per pound, respectively and comprised 69% of total landings

revenue, but only 26% of total landings in the New England Region.

Massachusetts had the highest landings revenue in the region with \$478 million in 2010, followed by Maine (\$375 million) and Rhode Island (\$63 million). In terms of pounds landed, Massachusetts also contributed the most (283 million pounds), followed by Maine (198 million pounds) and Rhode Island (77 million pounds).

Economic Impacts¹

In 2010, the New England Region's seafood industry generated \$730 million in sales impacts in Connecticut, \$1.6 billion in sales impacts in Maine, \$7.4 billion in sales impacts in Massachusetts, \$752 million in sales impacts in New Hampshire, and \$978 million in sales impacts in Rhode Island. Massachusetts generated the largest impacts across the three other impact categories, generating 90,000 job, \$1.9 billion in income, and \$2.9 billion in value added impacts. The smallest income impacts were generated in Connecticut (\$151 million) and the smallest employment impacts were also generated in Connecticut (4,400 jobs).

Key New England Region Commercial Species

- American lobster
- Atlantic herring
- Atlantic mackerel
- Bluefin tuna
- Cod and haddock
- Flounders
- Goosefish
- Quahog clam
- Sea scallop
- Squid

The sector that generated the greatest employment impacts by state was the retail sector with 54,000 employment impacts in Massachusetts and 12,000 employment impacts in Maine. The harvest sector in Maine generated 13,000 employment impacts. More sales impacts were generated by importers in Massachusetts than any other sector in any another state in the region at \$4 billion and the greatest value added impacts were also generated by importers in Massachusetts (\$1.2 billion).

Landings Revenue

Landings revenue in the New England Region totaled \$954 million in 2010. This was a 50% increase (a 16% increase in real terms) from 2001 levels (\$638 million) and a 22% increase (a 17% increase in real terms) relative to 2009 (\$782 million). Totaling \$764 million in 2010, shellfish revenue experienced a 83% increase (a 41% increase in real terms) from 2001 to 2010 and experienced a 26% increase (21% increase in real terms) from 2009 to 2010.

In the New England Region, Massachusetts had the highest finfish landings revenue (\$127 million), followed by Maine (\$30 million), and Rhode Island (\$23 million). Shellfish landings revenue was also dominated by Massachusetts, which contributed the most (\$352 million) followed by Maine (\$345 million), and Rhode Island (\$39.6 million).

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

Commercial Fisheries Facts

Landings revenue

- On average, between 2001 and 2010, the key species or species groups accounted for 84% of total revenue, generating \$692 million in the New England Region.
- American lobster had higher landings revenues than any other species or species group, averaging \$332 million in landings revenue from 2001 to 2010.
- Atlantic mackerel had the largest one-year increase in landings revenue over the 10 year time period, increasing 764% from \$437,000 in 2001 to \$3.8 million in 2002.
- Squid had the largest one-year decrease in landings revenue over the 10 year time period, decreasing 88% from \$20 million in 2006 to \$2.4 million in 2007.

Landings

- Key species or species groups contributed an average of 72% annually to total landings between 2001 and 2010.
- Atlantic herring contributed the most to landings in the region, averaging 183 million pounds from 2001 to 2010.
- Atlantic mackerel had the largest one-year increase in landings over the 10 year time period, increasing 1575% from 1.6 million in 2001 pounds to 27 million pounds in 2002.
- Atlantic mackerel had the largest one-year decrease in landings over the 10 year time period, decreasing 91% from 88 million pounds in 2004 to 8.2 million pounds in 2005.

Prices

- Bluefin tuna had the highest average annual ex-vessel price per pound (\$6.09) over the time period, followed by sea scallop (\$6.00), and quahog clam (\$5.05).
- Atlantic herring had the lowest average annual ex-vessel price per pound (\$0.10) over the time period, followed by Atlantic mackerel (\$0.18), and squid (\$0.64).
- Atlantic mackerel had the largest one-year increase in ex-vessel price over the 10 year time period, increasing 200% from \$0.12 per pound in 2004 to \$0.36 in 2005.
- Atlantic mackerel had the largest decrease in ex-vessel price over the 10 year time period, decreasing 61% from \$0.36 per pound in 2005 to \$0.14 in 2006.

American lobster and sea scallop had the highest landings revenue in the New England Region in 2010, with \$393 million and \$265 million, respectively. Together they accounted for 69% of total landings revenue in 2010. Between 2001 and 2010, the landings revenue from these species experienced a 64% increase for American lobster and 177% increase for sea scallop.

From 2001 to 2010, species or species groups with large changes in landings revenue include Atlantic mackerel (increased 691%), American lobster (increased 64%), and Atlantic herring (increased 63%). Species or species groups with large changes in landings revenue between 2009 and 2010 include bluefin tuna (90% increase), Atlantic mackerel (56% decrease), and cod and haddock (35% increase).

Landings

Fishermen in the New England Region landed 576 million pounds of finfish and shellfish in 2010. This was a 8.7% decrease from the 631 million pounds landed in 2001 and a 11% decrease from the 647 million landed in 2009. Finfish landings contributed 58% of total landings in the New England Region (333 million pounds) in 2010. From 2009 to 2010, finfish landings experienced a 22% decrease. Shellfish landings experienced a 11% increase from 219 million pounds in 2009 to 243 million in 2010 and a 41% increase from 173 million pounds in 2001. Atlantic herring and American lobster had the highest annual landings in the New England Region in 2010, with 139 million pounds and 114 million pounds, respectively. Together they accounted for 44% of the total landings in 2010. Atlantic herring landings decreased 33% and American lobster landings increased 67% during this period.

From 2001 to 2010, species or species groups with large changes in landings include Atlantic mackerel (increasing 962%), goosfish (decreasing 72%), and flounders (decreasing 70%). Species or species groups with large changes in landings between 2009 and 2010 include Atlantic mackerel (decreasing 57%), bluefin tuna (increasing 56%), and Atlantic herring (decreasing 33%).

Prices

The ex-vessel prices for the New England Region's key species and species groups in 2010 were higher than their 10 year average for eight of the key species (four of the species in real terms). Ex-vessel prices for Atlantic herring and sea scallop experienced the biggest increases between 2001 and 2010, increasing 150% (94% in real terms) and 110% (62% in real terms), respectively. Relative to 2009 ex-vessel prices, New England's Atlantic herring experienced the greatest increase (25%, 20% in real terms) from \$0.12 in 2009 to \$0.15 in 2010. Quahog clam experienced the greatest price decrease between 2009 and 2010 declining from \$5.53 to \$5.39 (2.53%, 6.45% in real terms). Relative to ex-vessel prices in 2009, eight species or species groups experienced increases, including Atlantic herring (25%), and bluefin tuna (22%).

In Connecticut, the species or species group with the largest change in ex-vessel price from 2001 to 2010 was flounders (129% increase, 77% increase in real terms) from \$1.17 to \$2.68. The largest change in ex-vessel price experienced in Maine was for Atlantic herring (150% increase, 94% increase in real terms) from \$0.06 to \$0.15 and in Massachusetts the largest change in ex-vessel price was experienced by clams, all other (220% increase, 148% increase in real terms) from \$0.55 to \$1.76.

Recreational Fishing

In 2010, over 1.5 million recreational anglers took 7.5 million fishing trips in the New England Region. Over 89% of these anglers were residents of a regional coastal county. Of the total fishing trips taken, 54% were taken from a private or rental boat and another 42% were shore-based. Porgies (scup) was the most frequently caught species or species group with 5.5 million fish caught in 2010 and represented 26% of total fish caught in the

¹Expenditures and economic impacts from recreational fishing activities were generated using the NMFS Recreational Economic Impact Model (see

region. Of the porgies (scup) caught, 59% of them were released rather than harvested.

Economic Impacts and Expenditures¹

The contribution of recreational fishing activities in New England Region are reported in terms of economic impacts at the state level (employment, sales, income, and value added impacts) and expenditures on fishing trips and durable equipment at the regional level. Employment impacts in Massachusetts were the highest in the region with over 4,700 full- and part-time jobs generated by recreational fishing activities in the state. Connecticut (4,600 jobs), and Rhode Island (1,200 jobs), followed in terms of employment impacts.

Key New England Region Recreational Species

- Atlantic cod
- Atlantic mackerel
- Bluefin tuna
- Bluefish
- Little tunny
- Scup
- Striped bass
- Summer flounder
- Winter flounder
- Tautog

Overall, these employment impacts were generated by expenditures on recreational fishing trips taken by anglers (private or rental boat, for-hire boat, or shore-based trips) or expenditures on durable equipment. Throughout the New England Region, expenditures on durable equipment in 2010 generated more employment impacts than any other expenditure: 93% in Connecticut, 51% in Rhode Island, and 50% in Massachusetts.

In addition to jobs, the contribution of recreational fishing activities to the New England Region's economy can be measured in terms of sales impacts and the contribution of these activities to gross domestic product (value added impacts). In 2010, sales impacts were the highest in Connecticut (\$703 million in sales impacts), followed by Massachusetts (\$636 million), Rhode Island (\$135 million), Maine (\$94 million), and New Hampshire (\$28 million). In the same year, value added impacts were the highest in Connecticut (\$404 million in value added impacts), followed by Massachusetts (\$344 million), Rhode Island (\$66 million), Maine (\$50 million), and New Hampshire (\$16 million).

Overall, there were \$1.6 billion in expenditures on fishing trip and durable equipment expenditures across the New England Region in 2010. Approximately 80% of these expenditures were durable equipment purchases. The greatest expenditures were for vehicle expenses (\$513 million), followed by fishing tackle (\$410 million), boat expenses (\$247 million), other equipment (\$101 million), and second home expenses (\$13 million). Fishing trip expenditures by New England's non-residents totaled almost \$171 million, of which the greatest portion can be attributed to shore-based fishing trips (\$111 million). Residents of the New England Region spent \$155 million on saltwater fishing trips, with the most of these expenses related to private boat trips (\$94 million).

Marine Angler Expenditures in the United States, 2006, available at: http://www.st.nmfs.noaa.gov/st5/publication/AnglerExpenditureReport/AnglerExpendituresReport_ALL.pdf

Recreational Fishing Facts

Participation

- An average of 1.4 million anglers fished in the New England Region annually from 2001 to 2010.
- In 2010, coastal county residents made up 89% of total anglers in this region. These anglers averaged 88% of total anglers annually over the 10 year time period.
- The largest annual increase in the number of coastal anglers during the 10 year time period occurred between 2004 and 2005, increasing 17%, from 1.2 million anglers to 1.3 million anglers.
- The largest annual decrease during the same period for coastal anglers occurred between 2008 and 2009, decreasing 12%, from 1.4 million anglers to 1.2 million anglers.

Fishing trips

- In the New England Region, an average of 8.8 million fishing trips were taken annually from 2001 to 2010.
- Private or rental boat and shore-based fishing trips accounted for 4.1 million and 3.1 million fishing trips, respectively, in 2010. Together these made up 96% of the fishing trips taken in that year.
- The largest annual increase in the number of total trips taken annually over the 10 year time period occurred between 2004 and 2005, increasing 6.9%, from 8.7 million trips to 9.3 million trips.
- The largest annual decrease during the same period in total trips taken occurred between 2008 and 2009, decreasing 18%, from 9.2 million trips to 7.5 million trips.

Harvest and release

- Striped bass was the most commonly caught key species or species group, averaging 8.9 million fish over the 10 year time period. Of these, 93% were released rather than harvested.
- Of the ten commonly caught key species or species groups, eight were released more often than harvested over this time period.
- The species or species group that was most commonly released was striped bass (93% released).
- Atlantic mackerel (90% harvested), followed by winter flounder (58% harvested), and bluefin tuna (49% harvested) were key species or groups that experienced the greatest proportion of harvests rather than releases.
- The largest one-year change in the number of fish released was for releases of bluefin tuna, which increased 4616% between 2002 and 2003
- the largest one-year change in number of fish harvested occurred in little tunny, which increased 6985% from 2005 to 2006.

Participation

There were 1.5 million recreational anglers who fished in the New England Region in 2010. This was a 38% increase from 2001 (1.1 million anglers). These anglers were New England Region residents from either a coastal (1.3 million anglers) or non-coastal county (169,000 anglers). Almost 89% of total

anglers in 2010 were residents of a coastal county. Coastal county angler participation in 2010 increased 36% relative to 2001 (969,000 anglers) and increased 7.8% between 2009 and 2010. Non-coastal county angler participation increased 56% relative to 2001 (108,000 anglers) and increased 2.5% relative to 2009 (165,000 anglers).

Fishing Trips

Recreational fishermen took 7.5 million fishing trips in New England Region in 2010. This was a 17% decrease from the 2001 (9 million trips) and was 31,000 fewer trips than those taken in 2009. Approximately 54% of the saltwater trips were private or rental boat based (4.1 million trips). The other most popular mode of fishing was shore-based with 3.1 million trips in 2010.

Harvest and Release

The New England Region's species and species groups caught most frequently in 2010 were scup (5.5 million fish), Atlantic mackerel (4.5 million fish), striped bass (3.7 million fish), and Atlantic cod (3.1 million fish) in 2010. Little tunny (89% released), striped bass (85% released), summer flounder (83% released), tautog (66% released), Atlantic cod (66% released), bluefish (63% released), and scup (59% released) were more often released rather than harvested.

Anglers harvested more often than released Atlantic mackerel (87% harvested) and bluefin tuna (79% harvested). In 2010, most of the striped bass were caught in Massachusetts (2.3 million fish) and Connecticut (865,000), making up 85% of the total catch. Atlantic mackerel were caught in large numbers in Maine and New Hampshire which represented 43% of the total catch of Atlantic mackerel in the New England Region. Between 2001 and 2010, seven of the New England Region's key species or species groups showed decreases in catch totals. Key species or groups with the largest decreases were striped bass (56%), bluefish (41%), and little tunny (41%).

Marine Economy¹

The sum of the gross domestic products by state for Connecticut, Maine, Massachusetts, New Hampshire, and Rhode Island was \$745 billion in 2009. Employee compensation totaled \$434 billion and annual payroll totaled \$289 billion. These economic measures experienced increases of 31%, 25%, and 16% respectively, between 2001 and 2009, and experienced a 0.4% decrease, a 2.9% decrease, and a 5% decrease, respectively, between 2008 and 2009. Approximately 368,000 establishments employed 5.9 million full- and part-time employees across the region in 2009. This was a 2% decrease in establishment numbers and a 4.1% decrease in employee numbers from 2001 to 2009.

In 2009, the commercial fishing location quotient (CFLQ) for Rhode Island was the highest in the region at 2.62. This was a 68% decrease from 2001 and a 81% decrease from 2008. Rhode Island's CFLQ suggests that the level of employment in commercial fishing-related industries in this state is approximately 3 times higher than the level of employment in these industries nationwide.

Seafood Sales and Processing

In 2009, there were 110 nonemployer firms engaged in seafood product preparation and packaging across the New England Region, a 11% increase from 2002 levels. Over the same time period, Massachusetts experienced a 4.3% decrease. In 2009, 57% of these firms were located in Maine. Annual receipt totals experienced a 5.4% increase in Maine between 2001 and 2009. In contrast to the increase in nonemployer firms region-wide, the number of employer establishments engaged in seafood product preparation and packaging decreased 22% from 93 in 2002 to 86 in 2009. Approximately 51% of these establishments were located in Massachusetts in 2009.

There were 375 seafood wholesale establishments in 2009 that employed 3,170 full- and part-time workers. From 2008 to 2009, the number of seafood wholesale establishments increased 1.4% and the number of employees increased 0.2% in the New England Region.

Nonemployer firms engaged in seafood retail in the New England Region totaled 161 in 2009, a 1.9% increase relative to 2001. Of these firms, 39% were located in Massachusetts. At the state level, these firms showed a 15% increase in Connecticut and a 5.9% decrease in Rhode Island between 2001 and 2009. Annual receipts in the region totaled \$17 million in 2009, a 18% decrease from 2001 (a 34% decrease in real terms) and a 15% decrease from 2009 (a 15% decrease in real terms). Employer establishments engaged in seafood retail increased 5.8% from 2001 to 2009, totaling 238 in 2009. These establishments employed 1,121 workers. Over 48% of these establishments were located in Massachusetts.

Transport, Support, and Marine Operations

For the sectors where information was available, marinas employed more people than any other industry in this sector, employing approximately 3,400 people in 2009. This industry also had the highest annual payroll in the region totaling \$158 million. Marinas had the highest number of establishments (499), followed by the ship and boat building industries with 174 establishments and the navigational services to shipping industries with 41 establishments.

In Massachusetts, industries with large changes in establishment numbers, employees, or annual payroll from 2008 to 2009 were: navigational services to shipping (38% increase in establishments), marine cargo handling (33% decrease in establishments), ship and boat building (27% decrease in payroll) and deep sea freight transportation (25% increase in employees). In Maine, large changes were seen for port and harbor operations (50% decrease in establishments), navigational services to shipping (33% decrease in employees), coastal and Great Lakes freight transportation (20% decrease in establishments) and navigational services to shipping (13% decrease in payroll). In Connecticut, large changes were seen in the navigational services to shipping (106% increase in payroll), marine cargo handling (25% decrease in establishments), ship and boat building (13% decrease in establishments) and deep sea freight transportation (9% decrease in employees).

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

2010 Economic Impacts of the New England Region Seafood Industry (thousands of dollars)

	Landings Revenue	Jobs	Sales	Income	Valued Added
Connecticut	17,116	4,407	730,401	151,200	253,536
Massachusetts	478,468	90,018	7,383,443	1,893,689	2,902,863
Maine	375,148	28,059	1,553,055	511,590	740,429
New Hampshire	20,609	5,795	751,841	176,621	280,837
Rhode Island	62,639	8,454	977,581	235,082	373,235

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	638,028	696,423	690,692	821,573	970,516	953,372	896,597	811,351	782,170	953,979
Finfish & other	220,052	207,082	200,351	194,911	200,751	184,219	178,935	190,397	178,042	190,132
Shellfish	417,975	489,341	490,341	626,662	769,765	769,153	717,662	620,955	604,128	763,847
American lobster	239,681	287,621	277,946	368,649	408,719	386,034	347,298	317,877	298,293	392,536
Atlantic herring	12,634	9,005	15,274	14,931	20,085	21,593	18,766	20,352	24,720	20,613
Atlantic mackerel	437	3,776	4,404	10,416	2,923	13,528	6,001	4,303	7,926	3,455
Bluefin tuna	17,043	14,349	8,267	4,297	3,864	1,715	2,077	2,887	4,450	8,470
Cod & haddock	46,416	49,679	44,386	40,089	39,824	31,885	39,317	43,006	36,661	49,657
Flounders	49,845	49,201	47,221	43,737	42,339	37,717	33,716	30,460	27,336	27,677
Goosefish	35,721	29,194	30,031	27,960	34,408	26,571	21,203	18,467	13,138	13,870
Quahog clam	17,716	17,193	16,857	16,721	6,707	26,811	31,102	11,531	9,019	9,629
Sea scallop	95,616	109,634	116,454	158,014	250,762	263,623	237,280	202,964	209,989	265,032
Squid	12,915	15,786	17,283	28,133	20,206	20,006	2,371	6,311	16,820	14,697

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	631,043	588,891	660,283	723,130	684,292	704,258	582,249	600,987	646,876	576,081
Finfish & other	458,053	387,327	468,511	487,785	461,038	466,873	373,715	395,323	428,369	332,790
Shellfish	172,990	201,564	191,772	235,345	223,254	237,385	208,534	205,664	218,507	243,291
American lobster	68,560	81,382	70,502	88,679	86,224	90,837	76,971	86,210	96,930	114,434
Atlantic herring	208,232	134,605	209,933	188,201	212,389	207,530	155,986	165,067	209,263	139,343
Atlantic mackerel	1,591	26,649	34,839	88,124	8,223	99,751	50,761	35,524	39,427	16,898
Bluefin tuna	2,534	2,386	1,787	704	837	274	300	426	772	1,201
Cod & haddock	45,931	45,469	38,482	34,158	30,500	19,810	24,848	31,461	30,819	39,231
Flounders	48,435	41,758	39,782	40,966	30,290	19,538	16,078	15,286	16,218	14,518
Goosefish	43,008	41,975	46,751	39,735	34,873	26,136	19,579	16,224	12,783	12,123
Quahog clam	4,684	6,116	5,173	6,231	1,088	4,216	4,622	1,476	1,631	1,786
Sea scallop	24,741	27,394	27,587	30,462	32,038	40,587	35,387	28,872	31,691	32,826
Squid	24,959	27,893	29,405	47,901	26,748	25,330	2,701	13,957	28,124	21,659

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American lobster	3.50	3.53	3.94	4.16	4.74	4.25	4.51	3.69	3.08	3.43
Atlantic herring	0.06	0.07	0.07	0.08	0.09	0.10	0.12	0.12	0.12	0.15
Atlantic mackerel	0.28	0.14	0.13	0.12	0.36	0.14	0.12	0.12	0.20	0.20
Bluefin tuna	6.73	6.01	4.63	6.10	4.62	6.26	6.93	6.78	5.76	7.05
Cod & haddock	1.01	1.09	1.15	1.17	1.31	1.61	1.58	1.37	1.19	1.27
Flounders	1.03	1.18	1.19	1.07	1.40	1.93	2.10	1.99	1.69	1.91
Goosefish	0.83	0.70	0.64	0.70	0.99	1.02	1.08	1.14	1.03	1.14
Quahog clam	3.78	2.81	3.26	2.68	6.16	6.36	6.73	7.81	5.53	5.39
Sea scallop	3.86	4.00	4.22	5.19	7.83	6.50	6.71	7.03	6.63	8.07
Squid	0.52	0.57	0.59	0.59	0.76	0.79	0.88	0.45	0.60	0.68

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

	Trips		Jobs	Sales	Income	Value Added
Connecticut	1,504,749		4,608	703,309	268,804	403,846
Massachusetts	3,691,824		4,697	636,157	221,606	343,897
Maine	750,115		1,130	94,483	31,000	49,646
New Hampshire	251,969		261	28,396	9,836	15,610
Rhode Island	1,282,507		1,190	135,262	42,407	66,287

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	410,497
For-Hire	26,893	14,076	Other Equipment	100,637
Private Boat	32,696	94,102	Boat Expenses	246,933
Shore	111,177	47,088	Vehicle Expenses	512,899
<i>Total Trip Expenditures</i>	170,765	155,267	Second Home Expenses	12,578
			<i>Total Durable Equipment Expenditures</i>	1,283,544
Total State Trip and Durable Equipment Expenditures				1,609,576

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	969	1,069	1,198	1,155	1,349	1,408	1,408	1,389	1,222	1,317
Non-Coastal	108	124	152	165	169	188	205	187	165	169
Out-of-State	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹
Total Anglers	1,077	1,194	1,349	1,319	1,518	1,596	1,614	1,576	1,387	1,486

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	303	235	319	300	418	458	480	471	449	317
Private Boat	4,857	4,513	4,426	4,450	5,017	4,681	4,863	4,921	3,489	4,051
Shore	3,874	3,844	3,833	3,910	3,819	4,510	4,355	3,793	3,574	3,112
Total Trips	9,035	8,592	8,578	8,660	9,254	9,650	9,699	9,185	7,512	7,481

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic cod	H	1,104	644	706	NA	653	264	313	481	483	1,047
	R	1,378	1,143	1,175	945	1,525	802	1,184	1,287	1,139	2,020
Atlantic mackerel	H	3,851	3,543	2,399	1,588	3,062	4,849	3,079	3,459	3,151	3,914
	R	772	363	212	162	78	328	188	546	400	561
Bluefin tuna	H	1	1	5	2	12	4	14	14	10	1
	R	(1)	(1)	4	15	12	13	9	2	12	(1)
Bluefish	H	1,462	1,166	1,188	1,284	1,359	1,541	1,359	1,209	776	1,043
	R	3,324	2,148	2,532	3,281	3,451	3,016	3,141	2,899	1,449	1,757
Little tunny ²	H	3	7	3	13	(1)	2	5	3	1	3
	R	38	54	33	109	52	38	77	76	22	22
Porgies (scup)	H	3,031	2,460	4,181	2,983	1,567	1,261	1,871	1,901	1,173	2,287
	R	2,837	2,382	2,829	1,759	1,902	2,548	2,543	3,595	2,563	3,259
Striped bass	H	498	523	701	608	691	585	638	568	548	545
	R	7,931	8,577	6,760	8,586	10,831	16,327	9,739	7,003	4,443	3,147
Summer flounder	H	573	439	549	786	604	592	417	473	161	168
	R	1,008	1,559	1,071	1,048	1,491	2,503	1,290	1,941	1,023	799
Winter flounder	H	169	107	83	54	50	61	54	169	121	130
	R	155	74	41	32	43	65	44	76	103	101
Wrasses (tautog)	H	172	265	335	294	228	321	452	299	180	297
	R	338	638	669	545	504	595	981	420	378	580

¹NA = data are not available because out-of-state resident information is collected for individual states but whether an angler is a resident of a region is not specified

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

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

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	4,407	730,401	253,536	1,031	60,504	28,911
Commercial Harvesters	514	30,352	12,827	514	30,352	12,827
Seafood Processors & Dealers	176	18,140	8,955	64	6,570	3,243
Importers	2,065	567,977	173,144	0	0	0
Seafood Wholesalers & Distributors	297	47,174	20,746	20	3,194	1,405
Retail	1,355	66,757	37,864	432	20,388	11,437

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	31,176	27,779	29,825	33,399	37,570	36,892	42,053	16,927	16,626	17,116
Finfish & other	5,712	4,283	4,136	4,575	5,097	3,731	3,421	3,904	3,778	5,420
Shellfish	25,464	23,496	25,690	28,825	32,474	33,161	38,632	13,022	12,848	11,696
American lobster	5,450	4,226	3,170	3,166	3,821	4,031	3,222	2,101	1,914	1,747
Eastern oyster	3,245	2,012	2,274	1,356	ND ¹	2,206	5,142	ND ¹	ND ¹	ND ¹
Flounders	1,188	909	896	1,075	1,170	1,026	881	851	760	886
Goosefish	1,201	790	683	580	658	346	512	551	ND ¹	367
Hake	2,341	1,307	1,602	2,028	2,432	1,628	1,226	1,545	1,354	1,193
Quahog clam	9,930	9,202	10,470	10,690	ND ¹	18,135	20,531	ND ¹	ND ¹	ND ¹
Scups or Porgies	171	195	167	191	263	302	311	386	364	252
Sea scallop	5,727	6,400	8,125	11,203	9,761	7,229	8,605	9,840	9,762	9,107
Snails (conchs)	95	199	119	209	233	533	312	481	ND ¹	ND ¹
Squid, loligo	687	1,178	1,400	1,298	1,224	954	744	ND ¹	384	384

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	18,748	16,177	16,420	18,192	13,628	11,747	10,050	7,115	7,972	6,015
Finfish & other	10,609	7,799	7,825	6,832	6,548	5,807	3,931	4,535	5,388	3,969
Shellfish	8,139	8,378	8,595	11,359	7,080	5,940	6,119	2,580	2,584	2,046
American lobster	1,330	1,067	671	647	714	793	569	426	479	410
Eastern oyster	434	247	279	186	ND ¹	77	193	ND ¹	ND ¹	ND ¹
Flounders	1,011	633	565	637	582	456	345	307	314	331
Goosefish	1,360	1,029	1,023	897	524	496	460	409	ND ¹	288
Hake	5,644	2,904	2,875	2,936	3,735	2,632	1,831	2,480	2,492	1,821
Quahog clam	3,382	3,435	4,038	5,137	ND ¹	2,665	3,067	ND ¹	ND ¹	ND ¹
Scups or Porgies	220	314	292	256	328	298	256	283	347	305
Sea scallop	1,538	1,579	1,908	2,172	1,272	1,104	1,313	1,407	1,475	1,219
Snails (conchs)	36	128	70	31	50	101	117	184	ND ¹	ND ¹
Squid, loligo	1,026	1,778	1,572	1,699	1,537	1,157	811	ND ¹	366	303

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American lobster	4.10	3.96	4.72	4.89	5.35	5.08	5.67	4.93	3.99	4.26
Eastern oyster	7.48	8.16	8.14	7.30	ND ¹	28.61	26.64	ND ¹	ND ¹	ND ¹
Flounders	1.17	1.44	1.59	1.69	2.01	2.25	2.55	2.77	2.42	2.68
Goosefish	0.88	0.77	0.67	0.65	1.26	0.70	1.11	1.35	ND ¹	1.28
Hake	0.41	0.45	0.56	0.69	0.65	0.62	0.67	0.62	0.54	0.65
Quahog clam	2.94	2.68	2.59	2.08	ND ¹	6.80	6.69	ND ¹	ND ¹	ND ¹
Scups or Porgies	0.77	0.62	0.57	0.75	0.80	1.01	1.22	1.36	1.05	0.83
Sea scallop	3.72	4.05	4.26	5.16	7.67	6.55	6.55	6.99	6.62	7.47
Snails (conchs)	2.65	1.55	1.69	6.69	4.66	5.28	2.66	2.62	ND ¹	ND ¹
Squid, loligo	0.67	0.66	0.89	0.76	0.80	0.82	0.92	ND ¹	1.05	1.27

¹ND = these data are confidential thus not disclosable

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

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	44	4,619	1,638	2,855
Private Boat	188	23,853	8,696	14,983
Shore	93	10,427	3,864	6,454
Total Durable Equipment Impacts	4,283	664,409	254,607	379,554
Total State Trip and Durable Equipment Economic Impacts	4,608	703,309	268,804	403,846

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	188,581
For-Hire	836	2,263	Other Equipment	34,857
Private Boat	2,552	21,818	Boat Expenses	152,216
Shore	2,201	8,488	Vehicle Expenses	290,182
<i>Total Trip Expenditures</i>	<i>5,588</i>	<i>32,569</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>665,836</i>
Total State Trip and Durable Equipment Expenditures				703,993

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	246	283	361	297	323	336	302	381	438	402
Non-Coastal	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹
Out of State	78	87	112	63	77	44	61	123	93	112
Total Anglers	324	371	473	359	400	380	363	504	531	514

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	46	51	64	39	38	45	50	62	43	41
Private	981	953	875	924	1,073	863	1,089	1,286	725	856
Shore	695	645	625	574	483	569	544	562	668	609
Total Trips	1,723	1,650	1,564	1,537	1,594	1,477	1,683	1,911	1,436	1,505

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic cod	H	(1)	(1)	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bluefish	H	716	569	458	534	418	476	375	428	332	526
	R	1,429	662	542	947	989	786	847	1,132	415	743
Hickory shad	H	16	71	71	28	52	80	57	5	(1)	1
	R	88	377	79	103	35	110	8	24	2	(1)
Little tunny ³	H	1	(1)	1	2	(1)	(1)	(1)	(1)	(1)	1
	R	27	28	8	9	(1)	(1)	5	(1)	7	12
Porgies (scup)	H	1,016	882	1,529	564	724	519	690	672	229	1,006
	R	931	570	804	387	719	733	871	1,131	949	1,148
Striped bass	H	54	51	96	75	115	83	110	113	73	88
	R	1,108	697	843	1,079	1,714	1,682	1,832	2,372	1,281	777
Summer flounder	H	153	93	166	217	213	107	109	116	62	40
	R	406	452	475	363	839	902	325	792	552	442
White perch	H	(1)	1	11	1	(1)	(1)	(1)	74	114	(1)
	R	7	27	28	30	3	3	88	138	101	(1)
Winter flounder	H	15	16	24	4	4	8	4	(1)	4	14
	R	32	9	6	9	1	24	14	(1)	2	10
Wrasses (tautog)	H	17	100	168	98	75	176	211	177	66	112
	R	59	219	283	329	144	141	445	200	67	262

¹NA = not applicable because all Connecticut residents are considered coastal county residents²In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.³This species may not be equivalent to species with similar names listed in the commercial tables.

Connecticut's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2001	92,105 (1.3%)	1,555,214 (1.4%)	68,920 (1.7%)	96,410 (1.6%)	168,407 (1.6%)	0.6
2009	90,048 (1.2%)	1,468,291 (1.3%)	78,027 (1.6%)	121,233 (1.6%)	227,550 (1.6%)	ND ²
% change	-2.23%	-5.59%	13.2%	25.7%	35.1%	NA ³

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	0	0	7	7	7	11	0	18	16
	Receipts	ND ²	ND ²	1,022	1,404	551	3,206	ND ²	2,375	2,331
Seafood Sales, retail	Firms	20	26	26	25	24	15	26	25	23
	Receipts	2,378	3,225	2,966	3,115	3,313	2,915	4,436	3,247	2,139

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	2	2	2	3	3	4	3	3	2
	Employees	ND ²	ND ²	ND ²	ND ²	113	119	ND ²	59	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	3,656	4,242	ND ²	1,040	ND ²
Seafood sales, wholesale	Establishments	25	28	19	19	17	19	20	24	25
	Employees	ND ²	ND ²	169	181	ND ²	ND ²	183	185	212
	Payroll	ND ²	ND ²	7,738	7,688	ND ²	ND ²	8,347	8,551	8,842
Seafood sales, retail	Establishments	34	36	34	38	39	35	36	35	36
	Employees	131	165	206	202	187	196	177	203	205
	Payroll	3,403	3,859	5,110	5,060	5,028	4,937	5,252	5,248	5,551

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	8	5	6	5	5	4	4	5	5
	Employees	506	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	31,940	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Deep sea freight transportation	Establishments	12	11	12	13	11	14	14	12	12
	Employees	ND ²	238	270	260	310	235	228	243	222
	Payroll	ND ²	18,271	29,086	37,013	36,766	47,845	48,110	46,595	45,045
Deep sea passenger transportation	Establishments	2	2	2	2	2	1	2	1	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Marinas	Establishments	101	108	116	117	117	119	124	125	126
	Employees	ND ²	722	1,006	1,016	994	1,024	1,224	1,352	1,261
	Payroll	ND ²	29,690	39,691	41,952	42,754	44,829	50,809	60,016	58,065
Marine cargo handling	Establishments	2	1	NA ³	1	3	3	5	4	3
	Employees	ND ²	ND ²	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	NA ³	ND ²	ND ²	ND ²	5,925	ND ²	ND ²
Navigational services to shipping	Establishments	4	8	6	6	8	9	6	6	6
	Employees	ND ²	ND ²	ND ²	ND ²	45	69	ND ²	ND ²	5
	Payroll	ND ²	ND ²	ND ²	ND ²	1,768	2,423	432	338	696
Port & harbor operations	Establishments	3	5	4	4	4	4	4	8	8
	Employees	ND ²	185	ND ²	ND ²	ND ²	ND ²	ND ²	179	166
	Payroll	ND ²	5,527	ND ²	ND ²	ND ²	ND ²	ND ²	6,136	5,787
Ship & boat building	Establishments	14	12	14	17	17	17	22	15	13
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.²ND = these data are confidential thus not disclosable³NA = these data are not available

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

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	28,059	1,553,055	740,429	26,757	1,362,500	673,136
Commercial Harvesters	12,582	720,137	322,059	12,582	720,137	322,059
Seafood Processors & Dealers	2,113	146,790	75,305	1,909	132,603	68,027
Importers	539	148,307	45,210	0	0	0
Seafood Wholesalers & Distributors	877	83,245	38,857	757	71,805	33,517
Retail	11,948	454,576	258,997	11,510	437,954	249,533

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	241,383	290,315	287,049	367,459	392,122	361,920	343,872	308,146	285,925	375,148
Finfish & other	56,662	47,489	49,292	48,904	47,141	37,084	36,930	36,679	30,488	30,061
Shellfish	184,721	242,826	237,757	318,555	344,982	324,836	306,942	271,467	255,437	345,087
American lobster	153,982	210,950	205,715	289,079	317,948	297,143	280,667	245,098	231,170	313,274
Atlantic herring	7,165	4,618	7,296	76	56	29	9,170	8,379	7,868	8,627
Bloodworms	4,851	5,759	5,292	7,524	6,039	5,037	6,051	5,913	6,197	5,874
Blue mussel	2,650	4,117	4,487	3,319	2,625	2,618	1,934	1,627	2,203	2,071
Cod & haddock	6,469	5,944	4,673	5,392	5,177	3,982	3,728	1,482	216	1,521
Goosefish	7,991	6,248	7,852	6,828	6,232	3,238	2,402	ND ¹	ND ¹	393
Ocean quahog clam	3,499	4,748	4,480	3,842	3,607	3,919	3,194	2,195	1,821	1,721
Pollock	2,448	2,386	2,206	2,346	3,106	2,309	2,160	ND ¹	2,045	1,491
Sea Urchins	12,694	7,657	8,569	7,866	5,142	3,693	4,368	5,410	5,866	5,490
Softshell clam	16,609	14,370	15,859	16,628	14,081	13,163	12,476	12,826	ND ¹	12,958

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	236,240	202,483	223,533	228,502	214,514	217,659	184,191	185,212	184,558	198,184
Finfish & other	167,022	113,132	141,621	130,368	121,278	121,268	96,541	93,510	87,248	78,189
Shellfish	69,218	89,351	81,912	98,134	93,236	96,391	87,650	91,703	97,310	119,995
American lobster	48,618	63,626	54,971	71,574	68,730	72,662	63,965	69,847	78,994	94,702
Atlantic herring	115,825	67,169	96,681	911	558	258	72,726	66,313	63,084	56,488
Bloodworms	644	683	594	615	456	450	549	537	574	533
Blue mussel	2,749	4,793	4,287	4,102	3,357	2,897	2,643	2,289	2,760	2,582
Cod & haddock	5,741	5,172	3,860	4,588	4,045	2,448	2,345	1,131	162	872
Goosefish	10,983	11,127	13,291	10,552	7,130	3,666	2,376	ND ¹	ND ¹	403
Ocean quahog clam	1,083	1,287	1,194	1,013	1,001	1,214	1,011	669	556	549
Pollock	3,447	2,958	4,085	4,189	5,260	3,678	4,245	ND ¹	3,039	1,625
Sea Urchins	9,901	6,321	5,963	5,742	3,517	2,800	2,762	2,900	3,487	2,592
Softshell clam	2,660	2,423	2,364	2,380	1,857	1,868	1,931	1,998	ND ¹	2,076

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American lobster	3.17	3.32	3.74	4.04	4.63	4.09	4.39	3.51	2.93	3.31
Atlantic herring	0.06	0.07	0.08	0.08	0.10	0.11	0.13	0.13	0.12	0.15
Bloodworms	7.53	8.43	8.91	12.24	13.24	11.20	11.02	11.01	10.79	11.03
Blue mussel	0.96	0.86	1.05	0.81	0.78	0.90	0.73	0.71	0.80	0.80
Cod & haddock	1.13	1.15	1.21	1.18	1.28	1.63	1.59	1.31	1.33	1.74
Goosefish	0.73	0.56	0.59	0.65	0.87	0.88	1.01	ND ¹	ND ¹	0.97
Ocean quahog clam	3.23	3.69	3.75	3.79	3.60	3.23	3.16	3.28	3.27	3.13
Pollock	0.71	0.81	0.54	0.56	0.59	0.63	0.51	ND ¹	0.67	0.92
Sea Urchins	1.28	1.21	1.44	1.37	1.46	1.32	1.58	1.87	1.68	2.12
Softshell clam	6.25	5.93	6.71	6.99	7.58	7.05	6.46	6.42	ND ¹	6.24

¹ND = these data are confidential thus not disclosable

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

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	84	6,185	2,021	3,495
Private Boat	87	7,353	2,537	4,340
Shore	544	38,908	12,722	21,445
Total Durable Equipment Impacts	414	42,038	13,720	20,365
Total State Trip and Durable Equipment Economic Impacts	1,130	94,483	31,000	49,646

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	20,254
For-Hire	4,084	344	Other Equipment	8,987
Private Boat	1,564	5,777	Boat Expenses	15,882
Shore	25,996	2,533	Vehicle Expenses	14,244
<i>Total Trip Expenditures</i>	<i>31,644</i>	<i>8,654</i>	Second Home Expenses	480
			<i>Total Durable Equipment Expenditures</i>	<i>59,847</i>
Total State Trip and Durable Equipment Expenditures				100,145

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	126	127	165	113	190	182	174	121	117	122
Non-Coastal	16	17	23	21	20	22	13	9	12	9
Out of State	166	172	170	148	173	285	260	180	324	159
Total Anglers	308	316	358	282	383	489	447	310	453	290

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	20	13	14	38	38	31	33	31	26	23
Private	444	422	410	315	552	517	486	382	330	339
Shore	469	471	495	406	499	649	703	426	658	388
Total Trips	932	906	919	758	1,089	1,197	1,222	840	1,014	750

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American Shad	H	(1)	(1)	(1)	(1)	1	4	(1)	(1)	2	(1)
	R	2	(1)	1	2	(1)	20	3	4	20	9
Atlantic cod	H	92	15	11	42	26	12	22	35	45	20
	R	73	16	25	43	43	41	79	59	54	61
Atlantic mackerel	H	1,175	1,207	616	778	761	387	1,139	839	1,290	1,343
	R	319	234	106	79	32	95	95	227	162	280
Blue shark	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)	1	(1)
Bluefin tuna	H	(1)	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bluefish	H	15	24	14	17	19	6	37	24	5	14
	R	40	42	23	38	51	42	72	65	30	11
Haddock	H	12	3	1	12	7	8	13	15	11	6
	R	17	4	4	3	3	4	13	3	2	3
Pollock	H	58	76	10	57	45	78	43	90	55	53
	R	130	48	17	39	53	27	19	162	36	143
Striped bass	H	60	72	58	37	69	73	71	49	53	19
	R	871	1,392	847	748	3,024	4,063	1,105	470	247	191
Winter flounder	H	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	3	(1)	1	(1)	(1)	1	(1)	1	4	(1)

¹In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

Maine's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2001	39,650 (0.56%)	500,030 (0.43%)	14,205 (0.36%)	22,567 (0.37%)	38,134 (0.38%)	8.09
2009	40,616 (0.55%)	488,932 (0.43%)	17,168 (0.35%)	29,113 (0.36%)	50,039 (0.37%)	ND ²
% change	2.44%	-2.22%	20.9%	29%	31.2%	NA ³

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	55	50	62	57	52	54	65	64	63
	Receipts	6,301	3,023	4,699	5,642	5,082	6,463	7,177	4,261	6,642
Seafood Sales, retail	Firms	51	62	60	55	51	45	55	46	46
	Receipts	8,486	8,980	8,365	8,621	7,331	7,115	5,905	4,035	3,212

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	36	33	35	28	27	27	27	29	25
	Employees	1,007	639	656	576	614	616	536	490	545
	Payroll	13,125	11,301	13,999	19,767	12,349	12,304	9,351	9,288	10,427
Seafood sales, wholesale	Establishments	182	190	181	177	177	167	170	168	164
	Employees	1,235	1,256	985	1,048	1,152	996	1,015	1,210	1,126
	Payroll	32,599	36,043	29,643	30,108	30,513	32,192	32,005	36,185	37,687
Seafood sales, retail	Establishments	41	47	51	50	49	55	50	45	49
	Employees	ND ²	173	181	189	184	179	181	148	152
	Payroll	ND ²	3,971	4,663	5,112	4,678	4,753	4,635	4,148	4,481

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	6	4	5	4	3	3	3	5	4
	Employees	ND ²	30	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	22
	Payroll	ND ²	939	ND ²	ND ²	ND ²	ND ²	ND ²	1,058	1,037
Deep sea freight transportation	Establishments	4	3	2	2	1	1	NA ³	1	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	ND ²	ND ²
Deep sea passenger transportation	Establishments	2	4	1	1	1	1	2	1	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Marinas	Establishments	89	85	79	84	84	84	86	87	89
	Employees	600	503	416	406	411	417	464	411	376
	Payroll	18,121	16,055	12,853	13,369	14,215	15,353	18,600	15,206	14,654
Marine cargo handling	Establishments	4	4	4	4	3	3	3	3	3
	Employees	ND ²	91	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	3,183	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Navigational services to shipping	Establishments	16	18	17	16	16	12	15	15	14
	Employees	45	88	106	91	88	93	105	138	93
	Payroll	3,371	4,341	5,521	4,927	5,890	6,260	6,737	6,148	5,369
Port & harbor operations	Establishments	1	NA ³	1	1	1	1	2	2	1
	Employees	ND ²	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Ship & boat building	Establishments	79	87	91	86	92	89	94	90	82
	Employees	8,242	ND ²	7,630	7,753	ND ²	6,808	6,751	6,930	ND ²
	Payroll	300,378	ND ²	332,332	328,179	ND ²	320,288	345,036	354,899	ND ²

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

²ND = these data are confidential thus not disclosable

³NA = these data are not available

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

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	90,018	7,383,443	2,902,863	54,105	2,013,392	1,009,726
Commercial Harvesters	11,264	875,421	407,482	11,264	875,421	407,482
Seafood Processors & Dealers	7,319	939,695	465,811	1,548	198,696	98,495
Importers	14,667	4,034,559	1,229,910	0	0	0
Seafood Wholesalers & Distributors	2,964	466,358	206,781	979	154,017	68,290
Retail	53,805	1,067,411	592,880	40,315	785,258	435,460

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	278,946	296,922	292,602	325,937	427,332	437,157	420,079	399,922	400,248	478,468
Finfish & other	122,944	122,845	116,767	109,163	117,003	110,426	109,434	122,000	114,784	126,502
Shellfish	156,002	174,077	175,835	216,774	310,330	326,731	310,645	277,923	285,464	351,966
American lobster	53,430	56,569	52,329	51,581	49,563	52,553	51,258	45,423	42,074	50,305
Atlantic herring	2,769	2,285	5,461	4	69	ND ¹	8,265	11,336	15,322	10,226
Atlantic mackerel	141	713	1,888	6,542	ND ¹	10,203	4,736	4,258	4,548	1,486
Clams, all other	5,927	8,169	823	4,721	19,010	14,064	15,707	24,860	16,742	17,847
Cod & haddock	36,905	40,550	36,668	31,452	31,954	25,451	32,033	38,694	33,668	45,165
Eastern oyster	ND ¹	ND ¹	ND ¹	24	2,738	4,618	4,559	5,477	6,432	8,171
Flounders	33,086	33,092	32,995	29,897	28,815	24,592	22,091	20,926	19,635	19,963
Goosefish	18,263	15,546	15,585	15,675	21,485	17,712	14,381	14,036	9,902	9,920
Ocean quahog clam	ND ¹	ND ¹	7,325	6,919	ND ¹	8,297	10,100	ND ¹	10,710	8,981
Sea scallop	87,357	100,551	106,938	144,748	226,949	234,668	218,292	189,923	197,296	252,270

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	240,759	243,501	295,439	337,603	337,304	351,426	304,401	326,261	355,965	282,601
Finfish & other	182,473	175,490	231,978	267,342	267,311	271,352	227,229	255,635	279,324	200,789
Shellfish	58,286	68,011	63,461	70,261	69,993	80,074	77,171	70,626	76,641	81,812
American lobster	12,133	12,853	11,385	11,295	9,880	10,966	10,143	10,598	11,641	12,752
Atlantic herring	48,960	40,508	79,873	40	700	ND ¹	73,268	94,233	133,531	71,746
Atlantic mackerel	387	5,549	23,451	72,687	ND ¹	89,535	46,240	35,438	30,199	12,156
Clams, all other	10,836	17,057	1,045	6,315	19,881	4,593	4,215	22,492	6,553	10,162
Cod & haddock	37,162	37,521	32,013	26,926	24,539	15,862	20,290	28,523	28,498	36,434
Eastern oyster	ND ¹	ND ¹	ND ¹	9	105	212	127	149	159	214
Flounders	33,989	28,987	29,418	30,704	22,115	13,182	10,965	11,589	12,390	11,152
Goosefish	22,120	22,794	23,979	22,357	21,849	17,495	13,308	12,446	9,829	8,739
Ocean quahog clam	ND ¹	ND ¹	14,226	14,085	ND ¹	16,798	20,158	ND ¹	18,691	15,646
Sea scallop	22,640	25,290	25,371	27,944	29,045	36,088	32,540	27,016	29,782	31,155

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American lobster	4.40	4.40	4.60	4.57	5.02	4.79	5.05	4.29	3.61	3.95
Atlantic herring	0.06	0.06	0.07	0.09	0.10	ND ¹	0.11	0.12	0.11	0.14
Atlantic mackerel	0.36	0.13	0.08	0.09	ND ¹	0.11	0.10	0.12	0.15	0.12
Clams, all other	0.55	0.48	0.79	0.75	0.96	3.06	3.73	1.11	2.56	1.76
Cod & haddock	0.99	1.08	1.15	1.17	1.30	1.60	1.58	1.36	1.18	1.24
Eastern oyster	ND ¹	ND ¹	ND ¹	2.74	26.09	21.75	36.02	36.67	40.37	38.25
Flounders	0.97	1.14	1.12	0.97	1.30	1.87	2.01	1.81	1.58	1.79
Goosefish	0.83	0.68	0.65	0.70	0.98	1.01	1.08	1.13	1.01	1.14
Ocean quahog clam	ND ¹	ND ¹	0.51	0.49	ND ¹	0.49	0.50	ND ¹	0.57	0.57
Sea scallop	3.86	3.98	4.21	5.18	7.81	6.50	6.71	7.03	6.62	8.10

¹ND = these data are confidential thus not disclosable

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

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	369	35,531	12,456	21,198
Private Boat	705	82,535	30,224	50,603
Shore	1,271	131,120	46,926	77,634
Total Durable Equipment Impacts	2,351	386,972	131,999	194,461
Total State Trip and Durable Equipment Economic Impacts	4,697	636,157	221,606	343,897

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	143,846
For-Hire	15,383	8,144	Other Equipment	38,978
Private Boat	19,780	54,021	Boat Expenses	62,215
Shore	62,283	29,040	Vehicle Expenses	182,923
<i>Total Trip Expenditures</i>	<i>97,446</i>	<i>91,205</i>	Second Home Expenses	10,500
			<i>Total Durable Equipment Expenditures</i>	<i>438,462</i>
Total State Trip and Durable Equipment Expenditures				627,113

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	392	465	434	535	585	623	664	655	489	586
Non-Coastal	79	96	112	131	135	151	179	170	144	152
Out of State	279	344	306	335	391	484	465	469	421	433
Total Anglers	750	906	852	1000	1112	1258	1309	1293	1054	1171

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	134	106	145	133	246	242	242	235	227	153
Private	2,569	2,399	2,329	2,456	2,383	2,438	2,419	2,322	1,872	2,258
Shore	1,821	1,701	1,611	1,913	1,809	2,044	2,049	1,907	1,507	1,281
Total Trips	4,524	4,206	4,085	4,502	4,439	4,724	4,710	4,465	3,606	3,692

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic bonito	H	13	6	11	4	15	5	4	3	4	2
	R	8	17	(1)	3	12	18	12	5	1	2
Atlantic cod	H	842	585	583	519	558	188	239	372	286	943
	R	1,119	1,049	937	843	1,337	534	883	1,029	834	1,801
Atlantic mackerel	H	1,811	2,024	1,313	722	1,967	4,296	1,789	2,047	726	2,311
	R	157	61	45	73	21	203	83	261	152	257
Bluefish	H	357	229	374	406	589	686	587	414	377	334
	R	948	628	1,019	1,468	1,812	1,507	1,344	1,242	814	896
Haddock	H	73	61	75	215	334	151	291	263	196	373
	R	45	125	130	104	87	89	55	108	43	60
Porgies (scup)	H	881	975	1,624	1,511	397	314	729	660	772	842
	R	832	879	1,221	855	516	931	936	1,177	1,282	1,537
Striped bass	H	288	309	407	400	368	340	347	343	336	354
	R	5,411	5,719	4,362	5,892	4,840	8,657	5,772	3,641	2,490	1,922
Summer flounder	H	152	155	177	281	203	219	76	150	48	44
	R	210	336	244	388	308	556	99	181	122	141
Winter flounder	H	61	53	45	40	42	43	37	155	105	110
	R	97	34	30	17	39	35	17	65	91	84
Wrasses (tautog)	H	116	103	47	23	48	63	76	24	27	53
	R	205	284	190	63	148	266	331	86	122	130

¹In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

Massachusetts's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2001	177,434 (2.5%)	3,129,980 (2.7%)	134,667 (3.4%)	181,012 (2.8%)	282,294 (3%)	7.54
2009	170,473 (2.3%)	2,967,877 (2.6%)	153,775 (3.2%)	222,378 (2.6%)	360,538 (2.9%)	ND ²
% change	-3.92%	-5.18%	14.2%	22.9%	27.7%	NA ³

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	29	26	23	25	28	36	24	26	22
	Receipts	1,762	1,296	676	2,284	2,266	2,525	908	1,250	1,944
Seafood Sales, retail	Firms	62	78	59	64	59	62	57	64	62
	Receipts	6,171	7,314	5,409	5,933	5,528	4,905	4,421	7,982	6,889

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	41	45	55	53	50	47	52	44	44
	Employees	2,164	2,231	2,717	2,743	2,671	2,607	2,684	2,355	2,396
	Payroll	83,249	92,776	110,917	112,642	115,704	120,912	113,580	109,747	119,282
Seafood sales, wholesale	Establishments	212	207	163	148	151	139	160	141	144
	Employees	2,508	2,393	1,880	1,890	1,836	1,706	1,803	1,442	1,542
	Payroll	105,904	107,871	74,431	75,689	76,070	77,106	81,863	68,898	70,864
Seafood sales, retail	Establishments	115	126	124	128	116	115	126	118	115
	Employees	451	490	720	686	677	692	737	549	542
	Payroll	8,224	10,673	17,760	17,454	17,725	18,165	19,267	15,017	15,261

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	12	10	13	13	10	12	14	14	12
	Employees	ND ²	ND ²	ND ²	688	ND ²	623	283	169	166
	Payroll	ND ²	ND ²	ND ²	36,533	ND ²	38,421	18,620	11,701	10,011
Deep sea freight transportation	Establishments	14	12	10	10	10	11	12	8	10
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	509	ND ²	361	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	38,982	ND ²	38,908	35,473
Deep sea passenger transportation	Establishments	2	2	1	1	4	4	1	NA ³	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	ND ²
Marinas	Establishments	136	139	145	135	139	141	173	175	177
	Employees	996	988	969	989	973	1,064	1,154	1,138	1,188
	Payroll	34,865	35,169	40,700	41,474	43,103	45,894	51,705	53,694	56,663
Marine cargo handling	Establishments	7	7	6	6	5	4	5	3	2
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	69	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	2,867	2,271	ND ²
Navigational services to shipping	Establishments	5	5	5	7	6	11	9	8	11
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	65	75	71
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	4,540	4,355	4,342
Port & harbor operations	Establishments	NA ³	NA ³	3	3	3	4	3	4	4
	Employees	NA ³	NA ³	ND ²	ND ²	ND ²	ND ²	69	63	66
	Payroll	NA ³	NA ³	ND ²	ND ²	ND ²	ND ²	647	1,289	1,323
Ship & boat building	Establishments	56	50	53	55	50	47	49	43	38
	Employees	577	617	ND ²	ND ²	588	ND ²	588	603	579
	Payroll	18,813	21,710	ND ²	ND ²	20,050	ND ²	26,445	28,402	20,685

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

²ND = these data are confidential thus not disclosable

³NA = these data are not available

2010 Economic Impacts of the New Hampshire Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	5,795	751,841	280,837	1,814	100,182	50,742
Commercial Harvesters	620	36,145	15,865	620	36,145	15,865
Seafood Processors & Dealers	608	65,539	33,206	145	15,605	7,907
Importers	1,840	506,138	154,293	0	0	0
Seafood Wholesalers & Distributors	357	45,295	21,012	55	6,918	3,209
Retail	2,369	98,725	56,461	995	41,514	23,761

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	17,865	16,689	15,127	17,214	22,084	18,915	17,045	17,466	17,708	20,609
Finfish & other	8,231	7,350	5,748	6,449	6,840	4,855	4,151	4,819	5,528	5,131
Shellfish	9,634	9,339	9,380	10,765	15,244	14,059	12,895	12,647	12,181	15,478
American lobster	8,072	2	ND ¹	10,199	14,377	13,915	ND ¹	12,267	11,914	14,837
Atlantic cod	2,017	1,983	1,853	2,244	1,913	1,705	1,972	2,311	2,587	2,187
Atlantic herring	399	783	1,170	3	ND ¹	ND ¹	147	ND ¹	271	375
Goosefish	2,812	1,853	1,097	1,456	1,484	794	375	290	280	216
Haddock	181	134	144	157	136	132	123	89	68	29
Hake	367	321	303	200	279	219	244	ND ¹	215	237
Pollock	891	847	589	569	1,138	1,221	902	ND ¹	1,284	845
Sea scallop	689	726	375	276	527	24	30	16	4	3
Shrimp	369	104	212	222	340	120	322	291	188	567
Spiny dogfish	148	85	27	0	ND ¹	183	ND ¹	414	514	292

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	18,584	23,200	27,435	23,796	21,281	10,820	8,422	10,463	13,886	11,814
Finfish & other	15,078	20,354	24,747	21,074	18,081	7,857	5,166	7,178	10,094	7,031
Shellfish	3,505	2,846	2,688	2,722	3,200	2,963	3,256	3,284	3,792	4,783
American lobster	2,028	0	ND ¹	2,097	2,556	2,666	ND ¹	2,567	2,984	3,648
Atlantic cod	1,976	1,583	1,458	1,633	1,293	1,023	1,168	1,479	1,985	1,228
Atlantic herring	7,015	14,125	18,933	32	ND ¹	ND ¹	936	ND ¹	3,120	2,830
Goosefish	2,463	1,876	1,629	1,640	1,226	621	317	249	249	174
Haddock	135	95	108	123	99	73	61	53	45	18
Hake	820	557	729	405	372	241	313	ND ¹	424	322
Pollock	1,183	997	1,109	1,202	1,997	2,566	2,025	ND ¹	2,019	1,043
Sea scallop	171	177	100	44	76	3	4	2	1	0
Shrimp	506	90	223	432	567	294	783	572	359	963
Spiny dogfish	536	349	175	0	ND ¹	620	ND ¹	1,370	1,885	1,214

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
American lobster	3.98	3.86	ND ¹	4.86	5.62	5.22	ND ¹	4.78	3.99	4.07
Atlantic cod	1.02	1.25	1.27	1.37	1.48	1.67	1.69	1.56	1.30	1.78
Atlantic herring	0.06	0.06	0.06	0.10	ND ¹	ND ¹	0.16	ND ¹	0.09	0.13
Goosefish	1.14	0.99	0.67	0.89	1.21	1.28	1.18	1.17	1.13	1.24
Haddock	1.35	1.41	1.33	1.27	1.38	1.82	2.01	1.70	1.52	1.55
Hake	0.45	0.58	0.41	0.49	0.75	0.91	0.78	ND ¹	0.51	0.74
Pollock	0.75	0.85	0.53	0.47	0.57	0.48	0.45	ND ¹	0.64	0.81
Sea scallop	4.04	4.10	3.76	6.22	6.89	7.44	8.26	7.68	7.22	8.84
Shrimp	0.73	1.16	0.95	0.51	0.60	0.41	0.41	0.51	0.52	0.59
Spiny dogfish	0.28	0.24	0.16	0.18	ND ¹	0.30	ND ¹	0.30	0.27	0.24

¹ND = these data are confidential thus not disclosable

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

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	95	7,829	2,614	4,587
Private Boat	30	3,134	1,084	1,894
Shore	33	2,961	1,035	1,754
Total Durable Equipment Impacts	103	14,472	5,103	7,375
Total State Trip and Durable Equipment Economic Impacts	261	28,396	9,836	15,610

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	7,995
For-Hire	2,852	2,591	Other Equipment	2,226
Private Boat	356	2,810	Boat Expenses	2,618
Shore	1,605	1,175	Vehicle Expenses	5,732
<i>Total Trip Expenditures</i>	<i>4,813</i>	<i>6,576</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>18,570</i>
Total State Trip and Durable Equipment Expenditures				29,959

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	68	60	91	81	105	90	97	63	67	46
Non-Coastal	13	11	16	13	14	15	13	8	9	7
Out of State	74	65	75	69	84	82	63	46	58	33
Total Anglers	154	137	182	163	203	187	172	118	134	86

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	83	29	35	39	47	88	94	82	98	60
Private	177	143	230	141	236	192	248	147	149	94
Shore	100	147	150	181	237	267	196	119	167	98
Total Trips	360	318	416	360	520	547	538	349	414	252

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic cod	H	164	39	108	44	69	61	51	73	148	81
	R	184	70	208	56	143	225	221	198	244	147
Atlantic mackerel	H	828	212	409	86	333	153	151	573	1,135	259
	R	297	69	61	10	25	31	11	58	86	24
Bluefin tuna	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bluefish	H	8	19	8	21	23	10	32	6	1	2
	R	14	14	17	10	42	26	18	2	2	(1)
Bottomfish, unidentified	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Flounder or sole, unidentified	H	(1)	(1)	(1)	2	1	(1)	5	(1)	(1)	(1)
	R	2	5	1	2	4	6	2	2	(1)	2
Haddock	H	36	19	44	51	107	120	95	81	105	53
	R	50	43	128	17	36	86	41	18	29	12
Pollock	H	167	89	63	53	49	80	56	53	41	60
	R	265	63	42	28	29	39	15	18	46	62
Striped bass	H	15	13	25	10	26	15	7	7	11	5
	R	164	238	260	197	513	568	289	84	66	44
Winter flounder	H	9	8	7	2	3	10	13	14	9	3
	R	6	10	3	2	3	5	10	8	5	6

¹In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

New Hampshire's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2001	37,312 (0.53%)	556,877 (0.48%)	18,494 (0.46%)	26,690 (0.44%)	44,604 (0.45%)	0.23
2009	37,873 (0.51%)	568,043 (0.5%)	23,628 (0.49%)	34,577 (0.42%)	59,086 (0.44%)	0.09
% change	1.5%	2.01%	27.8%	29.6%	32.5%	-65.2%

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	NA ²	0	7	4	4	4	5	0	0
	Receipts	NA ³	ND ³	1,205	1,147	842	1,087	927	ND ²	ND ²
Seafood Sales, retail	Firms	8	9	14	15	11	10	11	17	14
	Receipts	1,055	862	960	1,438	1,330	1,496	1,540	1,894	1,858

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	8	9	11	10	10	10	7	7	8
	Employees	ND ²	368	322	448	418	ND ²	ND ²	ND ²	115
	Payroll	ND ²	13,452	13,676	18,886	16,275	ND ²	ND ²	ND ²	3,234
Seafood sales, wholesale	Establishments	14	14	11	12	10	9	8	8	8
	Employees	75	78	ND ²	82	ND ²	ND ²	92	101	88
	Payroll	2,222	2,093	ND ²	2,511	ND ²	ND ²	3,360	4,142	4,268
Seafood sales, retail	Establishments	9	9	12	12	12	15	15	14	14
	Employees	ND ²	ND ²	ND ²	ND ²	79	78	93	83	95
	Payroll	ND ²	ND ²	ND ²	ND ²	2,053	2,201	2,077	2,011	2,299

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	1	1	NA ⁴	NA ³	1	1	1	NA ³	NA ³
	Employees	ND ²	ND ²	NA ³	NA ³	ND ²	ND ²	ND ²	NA ³	NA ³
	Payroll	ND ²	ND ²	NA ³	NA ³	ND ²	ND ²	ND ²	NA ³	NA ³
Deep sea freight transportation	Establishments	1	1	1	1	2	2	1	1	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Deep sea passenger transportation	Establishments	1	1	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
	Employees	ND ²	ND ²	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
	Payroll	ND ²	ND ²	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
Marinas	Establishments	42	36	40	40	38	35	35	37	37
	Employees	209	228	196	226	194	ND ²	171	173	146
	Payroll	8,135	10,872	9,043	9,315	8,871	ND ²	7,774	8,114	7,022
Marine cargo handling	Establishments	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	1	NA ³	NA ³
	Employees	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	ND ²	NA ³	NA ³
	Payroll	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	ND ²	NA ³	NA ³
Navigational services to shipping	Establishments	2	2	3	3	4	4	2	2	2
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Port & harbor operations	Establishments	1	1	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
	Employees	ND ²	ND ²	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
	Payroll	ND ²	ND ²	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
Ship & boat building	Establishments	6	8	10	8	6	6	8	9	8
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.²NA = these data are not available³ND = these data are confidential thus not disclosable⁴NA = these data are not available

2010 Economic Impacts of the Rhode Island Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	8,454	977,581	373,235	3,866	221,771	112,001
Commercial Harvesters	1,709	107,879	50,367	1,709	107,879	50,367
Seafood Processors & Dealers	415	43,153	21,730	244	25,429	12,805
Importers	2,243	617,003	188,090	0	0	0
Seafood Wholesalers & Distributors	469	55,944	26,082	99	11,863	5,531
Retail	3,619	153,601	86,966	1,813	76,601	43,298

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total revenue	68,657	64,718	66,088	77,565	91,408	98,488	73,548	68,890	61,663	62,639
Finfish & other	26,503	25,115	24,408	25,821	24,672	28,123	24,999	22,994	23,465	23,018
Shellfish	42,154	39,602	41,679	51,744	66,736	70,366	48,548	45,896	38,198	39,620
All other flounders	3,085	3,194	2,728	2,136	1,734	3,499	3,585	2,138	1,455	593
American lobster	18,747	15,875	16,731	14,624	23,009	18,391	12,152	12,988	11,221	12,373
Atlantic herring	2,295	1,312	1,195	1,187	1,075	2,667	982	634	1,260	1,385
Atlantic mackerel	280	3,031	2,385	3,815	2,888	3,293	1,182	ND ¹	3,301	1,886
Goosefish	5,455	4,757	4,813	3,421	4,549	4,481	3,533	3,590	2,956	2,974
Quahog clam	7,208	7,043	6,370	5,868	3,438	3,481	5,081	5,856	2,862	3,290
Scups or porgies	1,282	2,229	2,098	1,990	2,319	2,778	2,783	2,335	2,689	2,833
Sea scallop	684	ND ¹	279	1,512	13,268	20,783	8,963	2,170	2,342	2,154
Squid	11,596	13,208	14,319	25,133	16,973	16,753	ND ¹	4,147	15,249	12,589
Summer flounder	3,787	3,992	4,060	5,309	5,866	5,042	4,416	4,592	4,543	5,548

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total landings	116,713	103,530	97,456	115,037	97,565	112,606	75,186	71,935	84,495	77,469
Finfish & other	82,871	70,552	62,340	62,169	47,820	60,590	40,849	34,465	46,314	42,813
Shellfish	33,842	32,978	35,116	52,868	49,745	52,016	34,338	37,471	38,180	34,656
All other flounders	3,148	2,781	2,428	2,360	1,315	1,848	1,871	1,115	1,027	358
American lobster	4,452	3,835	3,475	3,064	4,344	3,749	2,294	2,772	2,832	2,923
Atlantic herring	36,400	12,774	13,440	13,491	11,605	23,150	7,537	4,511	9,528	8,279
Atlantic mackerel	1,131	20,930	10,768	15,269	8,075	10,143	4,242	ND ¹	9,057	4,356
Goosefish	6,081	5,148	6,830	4,288	4,143	3,858	3,117	3,120	2,705	2,519
Quahog clam	1,220	1,192	1,131	1,080	642	679	614	567	511	598
Scups or porgies	1,617	3,675	3,814	3,425	3,424	3,643	3,933	2,152	3,619	4,298
Sea scallop	181	ND ¹	76	249	1,612	3,290	1,357	310	356	267
Squid	22,769	23,713	25,862	43,697	22,135	21,294	ND ¹	11,757	26,452	19,799
Summer flounder	1,799	2,286	2,178	3,085	2,925	2,123	1,516	1,473	1,794	2,289

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
All other flounders	0.98	1.15	1.12	0.90	1.32	1.89	1.92	1.92	1.42	1.66
American lobster	4.21	4.14	4.82	4.77	5.30	4.91	5.30	4.69	3.96	4.23
Atlantic herring	0.06	0.10	0.09	0.09	0.09	0.12	0.13	0.14	0.13	0.17
Atlantic mackerel	0.25	0.14	0.22	0.25	0.36	0.32	0.28	ND ¹	0.36	0.43
Goosefish	0.90	0.92	0.70	0.80	1.10	1.16	1.13	1.15	1.09	1.18
Quahog clam	5.91	5.91	5.63	5.43	5.35	5.13	8.27	10.33	5.60	5.50
Scups or porgies	0.79	0.61	0.55	0.58	0.68	0.76	0.71	1.09	0.74	0.66
Sea scallop	3.78	ND ¹	3.67	6.07	8.23	6.32	6.61	7.00	6.58	8.07
Squid	0.51	0.56	0.55	0.58	0.77	0.79	ND ¹	0.35	0.58	0.64
Summer flounder	2.11	1.75	1.86	1.72	2.01	2.38	2.91	3.12	2.53	2.42

¹ND = these data are confidential thus not disclosable

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

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	65	5,933	2,012	3,547
Private Boat	188	17,705	6,246	10,606
Shore	330	27,759	9,629	15,961
Total Durable Equipment Impacts	606	83,865	24,520	36,173
Total State Trip and Durable Equipment Economic Impacts	1,190	135,262	42,407	66,287

2010 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	49,821
For-Hire	3,738	734	Other Equipment	15,589
Private Boat	8,444	9,676	Boat Expenses	14,002
Shore	19,092	5,852	Vehicle Expenses	19,818
<i>Total Trip Expenditures</i>	<i>31,274</i>	<i>16,263</i>	Second Home Expenses	1,598
			<i>Total Durable Equipment Expenditures</i>	<i>100,829</i>
Total State Trip and Durable Equipment Expenditures				148,366

Recreational Anglers by Residential Area (thousands of anglers)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal	137	134	147	129	145	177	171	169	111	161
Non-Coastal	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹
Out of State	260	214	253	237	241	291	229	297	209	225
Total Anglers	397	348	400	366	386	468	401	465	320	387

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
For-Hire	20	37	60	51	48	52	61	60	55	41
Private	687	595	582	615	772	671	621	783	414	505
Shore	789	880	952	836	790	982	863	778	572	736
Total Trips	1,496	1,512	1,595	1,503	1,611	1,704	1,545	1,621	1,042	1,283

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Atlantic bonito	H	2	11	2	6	1	(1)	4	(1)	(1)	(1)
	R	1	1	4	5	1	(1)	5	1	(1)	(1)
Atlantic cod	H	6	6	1	3	1	2	1	2	4	2
	R	2	8	5	3	2	2	1	1	7	11
Black seabass	H	123	78	70	53	56	53	54	51	32	146
	R	151	241	205	39	52	259	162	168	119	188
Bluefish	H	365	325	334	307	310	362	327	337	62	167
	R	893	801	932	818	558	655	860	459	188	107
Porgies (scup)	H	1,134	603	1,027	908	446	428	452	569	171	438
	R	1,074	933	805	517	666	884	736	1,286	332	574
Striped bass	H	80	78	115	85	113	74	102	56	75	79
	R	377	530	449	670	741	1,356	741	436	358	212
Summer flounder	H	268	191	205	288	188	264	232	207	51	85
	R	392	770	351	297	341	1,044	867	968	348	216
Winter flounder	H	82	30	8	8	1	1	1	1	2	3
	R	17	20	1	3	(1)	(1)	3	1	1	1
Wrasses (tautog)	H	40	62	120	173	106	81	164	99	87	132
	R	74	135	197	153	212	188	205	134	190	189
Yellowfin tuna	H	1	1	2	(1)	1	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	11	(1)	1	(1)	(1)	(1)	(1)	(1)

¹NA = not applicable because all Rhode Island residents are considered coastal county residents²In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

Rhode Island's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient ¹
2001	28,539 (0.4%)	414,638 (0.36%)	13,158 (0.33%)	20,506 (0.35%)	35,645 (0.34%)	2.88
2009	28,682 (0.39%)	413,584 (0.36%)	16,776 (0.35%)	26,479 (0.34%)	47,470 (0.34%)	2.62
% change	0.501%	-0.254%	27.5%	29.1%	33.2%	-10.1%

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Firms	0	0	0	0	6	8	8	7	9
	Receipts	ND ²	ND ²	ND ²	ND ²	2,024	1,662	2,291	1,376	1,045
Seafood Sales, retail	Firms	17	20	16	14	16	24	23	19	16
	Receipts	2,577	2,433	2,227	2,186	2,215	3,266	3,536	2,748	2,821

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Seafood product prep. & packaging	Establishments	6	9	7	7	7	7	6	8	7
	Employees	240	184	355	355	270	231	196	270	275
	Payroll	7,581	7,284	10,381	10,867	5,549	6,137	6,876	6,354	5,821
Seafood sales, wholesale	Establishments	41	39	38	35	32	36	35	29	34
	Employees	382	380	394	259	206	188	224	226	202
	Payroll	14,250	14,505	15,724	12,269	9,851	10,209	11,447	10,505	9,534
Seafood sales, retail	Establishments	26	27	29	34	31	28	27	23	24
	Employees	ND ²	151	162	163	140	ND ²	109	94	127
	Payroll	ND ²	3,015	2,870	2,707	2,447	ND ²	2,207	2,027	2,398

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

		2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal & Great Lakes freight transportation	Establishments	1	2	1	1	1	1	1	2	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Deep sea freight transportation	Establishments	2	1	1	2	2	2	2	2	2
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Deep sea passenger transportation	Establishments	3	2	3	NA ³	NA ³	NA ³	1	1	1
	Employees	ND ²	ND ²	ND ²	NA ³	NA ³	NA ³	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	NA ³	NA ³	NA ³	ND ²	ND ²	ND ²
Marinas	Establishments	54	56	61	60	66	63	68	73	70
	Employees	555	522	405	475	408	457	463	476	459
	Payroll	18,967	17,609	14,456	15,111	15,843	18,748	22,029	23,204	21,372
Marine cargo handling	Establishments	3	3	1	1	1	2	2	5	5
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Navigational services to shipping	Establishments	9	10	8	8	8	7	7	8	8
	Employees	ND ²	36	46	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	2,162	2,585	ND ²	ND ²	ND ²	ND ²	5,904	3,728
Port & harbor operations	Establishments	NA ³	NA ³	2	2	2	2	2	2	1
	Employees	NA ³	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	NA ³	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Ship & boat building	Establishments	33	31	37	38	36	38	37	39	33
	Employees	ND ²	1,329	ND ²	ND ²	ND ²	1,325	1,374	1,342	1,085
	Payroll	ND ²	47,328	ND ²	ND ²	ND ²	52,682	55,788	54,225	41,246

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

²ND = these data are confidential thus not disclosable

³NA = these data are not available