

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, thirteen are currently listed as overfished: Atlantic cod (two stocks), Atlantic halibut, Atlantic salmon, Atlantic wolffish, ocean pout, thorny skate, white hake, windowpane, winter flounder, witch flounder, and yellowtail flounder (two stocks). Seven stocks or stock complexes are currently subject to overfishing: Atlantic cod (two stocks), haddock, white hake, windowpane, witch flounder, and yellowtail flounder.

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 2011, commercial fishermen in the New England Region landed 622 million pounds of finfish and shellfish, earning \$1.1 billion in landings revenue. Landings revenue was dominated by American lobster (\$419 million) and sea scallop (\$353 million). These species groups commanded ex-vessel prices of \$3.35 and \$10.01 per pound, respectively and comprised 70% 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 \$565 million in 2011, followed by Maine (\$425 million) and Rhode Island (\$76 million). In terms of pounds landed, Maine contributed the most (270 million pounds), followed by Massachusetts (256 million pounds) and Rhode Island (77 million pounds).

Economic Impacts¹

In 2011, the New England Region's seafood industry generated \$740 million in sales impacts in Connecticut, \$1.7 billion in sales impacts in Maine, \$7.8 billion in sales impacts in Massachusetts, \$766 million in sales impacts in New Hampshire, and \$1 billion in sales impacts in Rhode Island. Massachusetts generated the largest impacts across the three other impact categories, generating 98,000 job, \$2 billion in income, and \$3.1 billion in value added impacts. The smallest income impacts were generated in Connecticut (\$154 million) and the smallest employment impacts were also generated in Connecticut (4,500 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 60,000 employment impacts in Massachusetts and 13,000 employment impacts in Maine. The harvest sector in Maine generated 14,000 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 \$1.1 billion in 2011. This was a 59% increase (a 11% increase in real terms) from 2002 levels (\$696 million) and a 16% increase (a 6.8% increase in real terms) relative to 2010 (\$958 million). Totaling \$898 million in 2011, shellfish revenue experienced a 83% increase (a 27% increase in real terms) from 2002 to 2011 and experienced a 17% increase (8% increase in real terms) from 2010 to 2011.

In the New England Region, Massachusetts had the highest finfish landings revenue (\$132 million), followed by Maine (\$44 million), and Rhode Island (\$25 million). Shellfish landings revenue was also dominated by Massachusetts, which contributed the most (\$433 million) followed by Maine (\$381 million), and Rhode Island (\$51.4 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 2002 and 2011, the key species or species groups accounted for 85% of total revenue, generating \$738 million in the New England Region.
- American lobster had higher landings revenues than any other species or species group, averaging \$353 million in landings revenue from 2002 to 2011.
- Atlantic mackerel had the largest one-year increase in landings revenue over the 10 year time period, increasing 363% from \$2.9 million in 2005 to \$14 million in 2006.
- Atlantic mackerel had the largest one-year decrease in landings revenue over the 10 year time period, decreasing 92% from \$3.5 million in 2010 to \$269,000 in 2011.

Landings

- Key species or species groups contributed an average of 72% annually to total landings between 2002 and 2011.
- Atlantic herring contributed the most to landings in the region, averaging 179 million pounds from 2002 to 2011.
- Atlantic mackerel had the largest one-year increase in landings over the 10 year time period, increasing 1113% from 8.2 million in 2005 pounds to 100 million pounds in 2006.
- Atlantic mackerel had the largest one-year decrease in landings over the 10 year time period, decreasing 95% from 17 million pounds in 2010 to 888,000 pounds in 2011.

Prices

- Sea scallop had the highest average annual ex-vessel price per pound (\$6.62) over the time period, followed by bluefin tuna (\$6.26), and quahog clam (\$4.99).
- Atlantic herring had the lowest average annual ex-vessel price per pound (\$0.11) over the time period, followed by Atlantic mackerel (\$0.18), and squid (\$0.68).
- 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 2011, with \$419 million and \$353 million, respectively. Together they accounted for 70% of total landings revenue in 2011. Between 2002 and 2011, the landings revenue from these species experienced a 46% increase for American lobster and 222% increase for sea scallop.

From 2002 to 2011, species or species groups with large changes in landings revenue include Atlantic herring (increased 168%), Atlantic mackerel (decreased 93%), and quahog clam (decreased 52%). Species or species groups with large changes in landings revenue between 2010 and 2011 include Atlantic mackerel (92% decrease), squid (55% increase), and goosfish (41% increase).

Landings

Fishermen in the New England Region landed 622 million pounds of finfish and shellfish in 2011. This was a 5.7% increase from the 589 million pounds landed in 2002 and a 7.7% increase from the 578 million landed in 2010. Finfish landings contributed 57% of total landings in the New England Region (353 million pounds) in 2011. From 2010 to 2011, finfish landings experienced a 6.1% increase. Shellfish landings experienced a 10% increase from 245 million pounds in 2010 to 269 million in 2011 and a 33% increase from 202 million pounds in 2002. Atlantic herring and American lobster had the highest annual landings in the New England Region in 2011, with 171 million pounds and 125 million pounds, respectively. Together they accounted for 48% of the total landings in 2011. Atlantic herring landings increased 27% and American lobster landings increased 54% during this period.

From 2002 to 2011, species or species groups with large changes in landings include Atlantic mackerel (decreasing 97%), quahog clam (decreasing 74%), and goosfish (decreasing 65%). Species or species groups with large changes in landings between 2010 and 2011 include Atlantic mackerel (decreasing 95%), squid (increasing 28%), and cod and haddock (decreasing 23%).

Prices

The ex-vessel prices for the New England Region's key species and species groups in 2011 were higher than their 10 year average for nine of the key species (five of the species in real terms). Ex-vessel prices for sea scallop and Atlantic mackerel experienced the biggest increases between 2002 and 2011, increasing 150% (74% in real terms) and 110% (49% in real terms), respectively. Relative to 2010 ex-vessel prices, New England's Atlantic mackerel experienced the greatest increase (50%, 38.3% in real terms) from \$0.20 in 2010 to \$0.30 in 2011. Flounders experienced the greatest price decrease between 2010 and 2011 declining from \$1.91 to \$1.72 (9.95%, 16.9% in real terms). Relative to ex-vessel prices in 2010, six species or species groups experienced increases, including Atlantic mackerel (50%), and cod & haddock (28%).

In Connecticut, the species or species group with the largest change in ex-vessel price from 2002 to 2011 was sea scallop (144% increase, 69% increase in real terms) from \$4.05 to \$9.87. The largest change in ex-vessel price experienced in Maine was for Atlantic herring (114% increase, 49% increase in real terms) from \$0.07 to \$0.15 and in Massachusetts the largest change in ex-vessel price was experienced by clams, all other (192% increase, 102% increase in real terms) from \$0.48 to \$1.40.

Recreational Fishing

In 2011, almost 1.3 million recreational anglers took 6.1 million fishing trips in the New England Region. Over 90% of these anglers were residents of a regional coastal county. Of the total fishing trips taken, 52% were taken from a private or rental boat and another 42% were shore-based. Atlantic mackerel was the most frequently caught species or species group with 5.9 million fish caught in 2011 and represented 30% of total fish caught in

¹Expenditure estimates were generated from the 2011 National Marine Recreational Fishing Expenditure Survey. Economic impacts from recreational

the region. Of the Atlantic mackerel caught, 9.1% of them were released rather than harvested.

Economic Impacts and Expenditures¹

The contribution of recreational fishing activities in the 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 5,320 full- and part-time jobs generated by recreational fishing activities in the state. Rhode Island (1,300 jobs), and Connecticut (909 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 2011 generated more employment impacts than any other expenditure: 69% in Rhode Island, 64% in Connecticut, and 62% in Maine.

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 2011, sales impacts were the highest in Massachusetts (\$726 million in sales impacts), followed by Rhode Island (\$157 million), Connecticut (\$129 million), Maine (\$77 million), and New Hampshire (\$41 million). In the same year, value added impacts were the highest in Massachusetts (\$391 million in value added impacts), followed by Connecticut (\$76 million), Rhode Island (\$74 million), Maine (\$39 million), and New Hampshire (\$23 million).

Overall, there were \$1.2 billion in expenditures on fishing trip and durable equipment expenditures across the New England Region in 2011. Approximately 74% of these expenditures were durable equipment purchases. The greatest expenditures were for boat expenses (\$461 million), followed by fishing tackle (\$236 million), vehicle expenses (\$111 million), other equipment (\$50 million), and second home expenses (\$2 million). Fishing trip expenditures by New England's non-residents totaled almost \$126 million, of which the greatest portion can be attributed to for-hire-based fishing trips (\$56 million). Residents of the New England Region spent \$178 million on saltwater fishing trips, with the most of these expenses related to private boat trips (\$107 million).

fishing activities were generated using the NMFS Recreational Economic Impact Model (see The Economic Contribution of Marine Angler Expenditures in the United States, 2006, available at: <http://www.st.nmfs.noaa.gov/economics/publications/marine-angler-expenditures/marine-angler-2006>)

Recreational Fishing Facts

Participation

- An average of 1.4 million anglers fished in the New England Region annually from 2002 to 2011.
- In 2011, coastal county residents made up 90% 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 2010 and 2011, decreasing 12%, from 1.3 million anglers to 1.2 million anglers.

Fishing trips

- In the New England Region, an average of 8.3 million fishing trips were taken annually from 2002 to 2011.
- Private or rental boat and shore-based fishing trips accounted for 3.2 million and 2.5 million fishing trips, respectively, in 2011. Together these made up 94% of the fishing trips taken in that year.
- The largest annual increase in the number of total trips taken annually over the 10 year time period occurred between 2004 and 2005, increasing 6.5%, from 8.6 million trips to 9.2 million trips.
- The largest annual decrease during the same period in total trips taken occurred between 2008 and 2009, decreasing 22%, from 9.1 million trips to 7.2 million trips.

Harvest and release

- Striped bass was the most commonly caught key species or species group, averaging 7.8 million fish over the 10 year time period. Of these, 92% were released rather than harvested.
- Of the ten commonly caught key species or species groups, seven were released more often than harvested over this time period.
- The species or species group that was most commonly released was little tunny (94% released).
- Atlantic mackerel (91% harvested), followed by winter flounder (60% harvested), and bluefin tuna (55% harvested) were key species or groups that experienced the greatest proportion of harvests rather than releases.

Participation

There were 1.3 million recreational anglers who fished in the New England Region in 2011. This was a 7.9% increase from 2002 (1.2 million anglers). These anglers were New England Region residents from either a coastal (1.2 million anglers) or non-coastal county (131,000 anglers). Almost 90% of total anglers in 2011 were residents of a coastal county. Coastal county angler participation in 2011 increased 8.1% relative to 2002 (1.1 million anglers) and decreased 12% between 2010 and 2011. Non-coastal county angler participation increased 5.7% relative to 2002 (124,000 anglers) and decreased 22% relative to 2010 (169,000 anglers).

Fishing Trips

Recreational fishermen took 6.1 million fishing trips in New England Region in 2011. This was a 30% decrease from the 2002 (8.6 million trips) and was 1.2 million fewer trips than those taken in 2010. Approximately 52% of the saltwater trips were private or rental boat based (3.2 million trips). The other most popular mode of fishing was shore-based with 2.5 million trips in 2011.

Harvest and Release

The New England Region's species and species groups caught most frequently in 2011 were Atlantic mackerel (5.9 million fish), scup (4.7 million fish), bluefish (2.6 million fish), and striped bass (2.5 million fish) in 2011. Little tunny (100% released), tautog (83% released), summer flounder (82% released), striped bass (82% released), bluefish (75% released), bluefin tuna (71% released), Atlantic cod (63% released), and scup (51% released) were more often released rather than harvested.

Anglers harvested more often than released Atlantic mackerel (91% harvested) and winter flounder (63% harvested). In 2011, most of the striped bass were caught in Massachusetts (1.2 million fish) and Connecticut (676,000), making up 76% of the total catch. Atlantic mackerel were caught in large numbers in Maine and New Hampshire which represented 71% of the total catch of Atlantic mackerel in the New England Region. Between 2002 and 2011, eight 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 (73%), tautog (49%), and summer flounder (24%).

Marine Economy¹

The sum of the gross domestic products by state for Connecticut, Maine, Massachusetts, New Hampshire, and Rhode Island was \$760 billion in 2010. Employee compensation totaled \$442 billion and annual payroll totaled \$297 billion. These economic measures experienced increases of 31%, 27%, and 22% respectively, between 2002 and 2010, and experienced a 4% increase, a 2.3% increase, and a 2.5% increase, respectively, between 2009 and 2010. Approximately 366,000 establishments employed 5.8 million full- and part-time employees across the region in 2010. This was a 2.6% decrease in establishment numbers and a 3.7% decrease in employee numbers from 2002 to 2010.

In 2010, the commercial fishing location quotient (CFLQ) for Maine was the highest in the region at 14.24. This was an 60% increase from 2002 (the Bureau of Labor Statistics did not report a CFLQ value for Maine in 2009). Maine's CFLQ suggests that the level of employment in commercial fishing-related industries in this state is approximately 14 times higher than the level of employment in these industries nationwide. The 2010 CFLQ in Rhode Island was 2.27 (a 0.4% increase from 2002).

Seafood Sales and Processing

In 2010, there were 115 nonemployer firms engaged in seafood product preparation and packaging across the New England

Region, a 24% increase from 2002 levels. Over the same time period, Massachusetts experienced a 4% increase. In 2010, 56% of these firms were located in Maine. Annual receipt totals experienced a 41% increase in Maine between 2002 and 2010. In contrast to the increase in nonemployer firms region-wide, the number of employer establishments engaged in seafood product preparation and packaging decreased 15% from 98 in 2002 to 86 in 2010. Approximately 51% of these establishments were located in Massachusetts in 2010.

There were 376 seafood wholesale establishments in 2010 that employed 3,244 full- and part-time workers. From 2009 to 2010, the number of seafood wholesale establishments increased 0.3% and the number of employees increased 2.3% in the New England Region.

Nonemployer firms engaged in seafood retail in the New England Region totaled 171 in 2010, a 12% decrease relative to 2002. Of these firms, 37% were located in Massachusetts. At the state level, these firms showed a 3.8% decrease in Connecticut and a 5% decrease in Rhode Island between 2002 and 2010. Annual receipts in the region totaled \$20 million in 2010, a 13% decrease from 2002 (a 34% decrease in real terms) and a 18% increase from 2010 (a 13% increase in real terms). Employer establishments engaged in seafood retail decreased 2% from 2002 to 2010, totaling 240 in 2010. These establishments employed 1,179 workers. Almost 47% 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 2010. This industry also had the highest annual payroll in the region totaling \$160 million. Marinas had the highest number of establishments (497), followed by the ship and boat building industries with 160 establishments and the navigational services to shipping industries with 38 establishments.

In Massachusetts, industries with large changes in establishment numbers, employees, or annual payroll from 2009 to 2010 were: navigational services to shipping (117% increase in payroll), navigational services to shipping (111% increase in employees), port and harbor operations (101% increase in payroll) and port and harbor operations (100% increase in establishments). In Maine, large changes were seen for marine cargo handling (33% decrease in establishments), coastal and Great Lakes freight transportation (27% increase in employees), navigational services to shipping (27% decrease in employees) and ship and boat building (9% decrease in establishments). In Connecticut, large changes were seen in the navigational services to shipping (65% decrease in payroll), port and harbor operations (63% decrease in payroll), deep sea freight transportation (35% decrease in payroll) and port and harbor operations (27% decrease in employees).

¹Information for 2010 is reported in this section; 2011 data were not available for this report.

2011 Economic Impacts of the New England Region Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Valued Added	Jobs	Sales	Valued Added
Connecticut	4,514	740,263	257,905	1,165	69,507	33,212
Massachusetts	98,358	7,754,140	3,090,449	63,078	2,376,805	1,196,219
Maine	31,127	1,734,058	829,833	29,844	1,543,494	762,644
New Hampshire	5,968	766,257	287,785	2,044	114,586	58,059
Rhode Island	9,157	1,024,748	397,018	4,642	269,101	136,313

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	696,423	690,692	821,573	970,516	953,372	895,573	809,110	789,281	957,876	1,109,057
Finfish & other	207,082	200,351	194,911	200,751	184,219	178,831	190,251	177,947	190,723	211,139
Shellfish	489,341	490,341	626,662	769,765	769,153	716,742	618,859	611,334	767,153	897,918
American lobster	287,621	277,946	368,649	408,719	386,034	359,754	317,925	305,335	395,263	418,933
Atlantic herring	9,005	15,274	14,931	20,085	21,593	18,766	20,478	24,721	20,645	24,172
Atlantic mackerel	3,776	4,404	10,416	2,923	13,528	6,000	5,265	7,927	3,459	269
Bluefin tuna	14,349	8,267	4,297	3,864	1,715	2,077	2,993	4,450	8,470	9,258
Cod & haddock	49,679	44,386	40,089	39,824	31,885	39,317	47,166	38,733	49,707	48,779
Flounders	49,201	47,221	43,737	42,339	37,717	33,716	30,610	27,340	27,695	30,849
Goosefish	29,194	30,031	27,960	34,408	26,571	21,203	19,945	14,320	14,075	19,792
Quahog clam	17,193	16,857	16,721	6,707	26,811	30,027	8,902	9,004	9,632	8,315
Sea scallop	109,634	116,454	158,014	250,762	263,623	237,299	203,126	209,969	265,460	352,586
Squid	15,786	17,283	28,133	20,206	20,006	17,711	19,848	16,820	14,787	22,887

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	588,891	660,283	723,130	684,292	704,258	582,321	600,977	648,505	577,818	622,355
Finfish & other	387,327	468,511	487,785	461,038	466,873	368,813	388,225	421,926	333,201	353,371
Shellfish	201,564	191,772	235,345	223,254	237,385	213,508	212,752	226,579	244,617	268,984
American lobster	81,382	70,502	88,679	86,224	90,837	79,433	86,226	99,221	115,253	125,240
Atlantic herring	134,605	209,933	188,201	212,389	207,530	155,986	166,222	209,270	139,554	170,565
Atlantic mackerel	26,649	34,839	88,124	8,223	99,751	50,760	38,359	39,427	16,904	888
Bluefin tuna	2,386	1,787	704	837	274	300	447	772	1,201	1,085
Cod & haddock	45,469	38,482	34,158	30,500	19,810	24,848	33,109	32,463	39,261	30,108
Flounders	41,758	39,782	40,966	30,290	19,538	16,079	15,391	16,225	14,528	17,908
Goosefish	41,975	46,751	39,735	34,873	26,136	19,579	17,401	13,973	12,193	14,541
Quahog clam	6,116	5,173	6,231	1,088	4,216	4,630	1,468	1,628	1,786	1,602
Sea scallop	27,394	27,587	30,462	32,038	40,587	35,390	28,868	31,693	32,878	35,208
Squid	27,893	29,405	47,901	26,748	25,330	26,421	28,615	28,124	21,722	27,907

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American lobster	3.53	3.94	4.16	4.74	4.25	4.53	3.69	3.08	3.43	3.35
Atlantic herring	0.07	0.07	0.08	0.09	0.10	0.12	0.12	0.12	0.15	0.14
Atlantic mackerel	0.14	0.13	0.12	0.36	0.14	0.12	0.14	0.20	0.20	0.30
Bluefin tuna	6.01	4.63	6.10	4.62	6.26	6.93	6.69	5.76	7.05	8.54
Cod & haddock	1.09	1.15	1.17	1.31	1.61	1.58	1.42	1.19	1.27	1.62
Flounders	1.18	1.19	1.07	1.40	1.93	2.10	1.99	1.69	1.91	1.72
Goosefish	0.70	0.64	0.70	0.99	1.02	1.08	1.15	1.02	1.15	1.36
Quahog clam	2.81	3.26	2.68	6.16	6.36	6.49	6.07	5.53	5.39	5.19
Sea scallop	4.00	4.22	5.19	7.83	6.50	6.71	7.04	6.63	8.07	10.01
Squid	0.57	0.59	0.59	0.76	0.79	0.67	0.69	0.60	0.68	0.82

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Income	Value Added
Connecticut	1,307,000	909	128,921	48,613	75,685
Massachusetts	2,813,000	5,322	726,164	252,277	390,731
Maine	528,000	843	77,071	25,283	39,313
New Hampshire	294,000	376	41,005	14,177	22,614
Rhode Island	1,113,000	1,273	157,111	47,957	73,650

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	236,216
For-Hire	55,917	23,910	Other Equipment	50,376
Private Boat	27,532	106,582	Boat Expenses	461,383
Shore	42,059	47,905	Vehicle Expenses	110,989
<i>Total Trip Expenditures</i>	125,509	178,399	Second Home Expenses	1,954
			<i>Total Durable Equipment Expenditures</i>	860,918
Total State Trip and Durable Equipment Expenditures				1,164,826

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	1,069	1,198	1,155	1,349	1,408	1,408	1,389	1,222	1,317	1,156
Non-Coastal	124	152	165	169	188	205	187	165	169	131
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	1,194	1,349	1,319	1,518	1,596	1,614	1,576	1,387	1,486	1,288

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	235	318	331	417	455	517	511	463	321	364
Private Boat	4,511	4,425	4,371	5,060	4,650	4,821	4,892	3,374	3,968	3,160
Shore	3,844	3,835	3,934	3,719	4,107	3,950	3,735	3,322	2,926	2,531
Total Trips	8,590	8,578	8,636	9,196	9,212	9,288	9,138	7,159	7,215	6,055

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Atlantic cod	H	644	704	421	486	203	305	385	391	508	531
	R	1,144	1,175	775	1,108	722	965	954	834	1,070	912
Atlantic mackerel	H	3,544	2,397	1,577	2,941	4,181	1,885	3,356	2,464	3,473	5,335
	R	363	212	172	62	559	116	453	343	379	533
Bluefin tuna	H	1	5	1	12	3	11	9	8	1	2
	R	(1)	4	4	8	7	10	1	5	(1)	5
Bluefish	H	1,167	1,189	1,228	1,202	1,647	1,514	1,458	672	1,185	660
	R	2,146	2,535	3,126	3,013	3,637	2,906	2,995	1,437	1,845	1,929
Little tunny ²	H	6	4	9	(1)	1	5	(1)	1	2	(1)
	R	52	33	85	55	26	65	16	16	20	45
Porgies (scup)	H	2,461	4,179	5,204	1,595	1,429	3,049	1,944	1,498	2,411	2,287
	R	2,382	2,831	2,543	2,193	2,638	2,801	4,048	3,280	3,586	2,376
Striped bass	H	520	699	689	699	594	591	601	548	527	457
	R	8,575	6,760	7,251	9,940	14,092	8,365	7,715	4,165	2,771	2,038
Summer flounder	H	439	549	690	588	641	426	583	168	198	267
	R	1,558	1,068	895	1,418	2,851	1,044	2,112	907	819	1,252
Winter flounder	H	105	86	57	43	51	52	179	113	106	100
	R	73	39	35	41	46	43	70	101	86	59
Wrasses (tautog)	H	266	335	163	269	362	570	304	194	358	78
	R	637	668	367	597	639	1,425	515	394	560	384

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.

2011 Economic Impacts of the Connecticut Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	4,514	740,263	257,905	1,165	69,507	33,212
Commercial Harvesters	582	34,877	14,739	582	34,877	14,739
Seafood Processors & Dealers	185	19,152	9,455	72	7,549	3,727
Importers	2,071	569,579	173,633	0	0	0
Seafood Wholesalers & Distributors	296	47,773	21,010	23	3,669	1,613
Retail	1,381	68,881	39,069	489	23,412	13,133

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	27,779	29,825	33,399	37,570	36,892	42,053	17,207	16,476	18,099	19,668
Finfish & other	4,283	4,136	4,575	5,097	3,731	3,421	3,988	3,757	5,898	4,646
Shellfish	23,496	25,690	28,825	32,474	33,161	38,632	13,219	12,719	12,201	15,022
American lobster	4,226	3,170	3,166	3,821	4,031	3,222	2,102	1,799	1,757	798
Eastern oyster	2,012	2,274	1,356	ND ¹	2,206	5,142	ND ²	ND ²	ND ²	ND ²
Flounders	909	896	1,075	1,170	1,026	881	802	756	892	1,036
Goosefish	790	683	580	658	346	512	551	591	572	976
Hake	1,307	1,602	2,028	2,432	1,628	1,232	1,619	1,354	1,417	1,705
Quahog clam	9,202	10,470	10,690	ND ²	18,135	20,531	ND ²	ND ²	ND ²	ND ²
Scups or Porgies	195	167	191	263	302	311	384	363	271	406
Sea scallop	6,400	8,125	11,203	9,761	7,229	8,605	10,032	9,737	9,458	13,007
Snails (conchs)	199	119	209	233	533	312	35	53	ND ²	ND ²
Squid, loligo	1,178	1,400	1,298	1,224	954	744	546	384	473	694

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	16,177	16,420	18,192	13,628	11,747	10,050	7,115	7,951	6,623	7,078
Finfish & other	7,799	7,825	6,832	6,548	5,807	3,931	4,537	5,390	4,458	4,997
Shellfish	8,378	8,595	11,359	7,080	5,940	6,119	2,578	2,561	2,165	2,080
American lobster	1,067	671	647	714	793	569	426	447	396	159
Eastern oyster	247	279	186	ND ²	77	193	ND ²	ND ²	ND ²	ND ²
Flounders	633	565	637	582	456	345	282	312	334	428
Goosefish	1,029	1,023	897	524	496	460	409	546	358	630
Hake	2,904	2,875	2,936	3,735	2,632	1,839	2,465	2,492	2,151	2,199
Quahog clam	3,435	4,038	5,137	ND ²	2,665	3,067	ND ²	ND ²	ND ²	ND ²
Scups or Porgies	314	292	256	328	298	256	282	346	324	643
Sea scallop	1,579	1,908	2,172	1,272	1,104	1,313	1,407	1,475	1,260	1,318
Snails (conchs)	128	70	31	50	101	117	47	34	ND ²	ND ²
Squid, loligo	1,778	1,572	1,699	1,537	1,157	811	523	366	366	498

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American lobster	3.96	4.72	4.89	5.35	5.08	5.67	4.93	4.03	4.43	5.00
Eastern oyster	8.16	8.14	7.30	ND ²	28.61	26.64	ND ²	ND ²	ND ²	ND ²
Flounders	1.44	1.59	1.69	2.01	2.25	2.55	2.84	2.42	2.67	2.42
Goosefish	0.77	0.67	0.65	1.26	0.70	1.11	1.35	1.08	1.60	1.55
Hake	0.45	0.56	0.69	0.65	0.62	0.67	0.66	0.54	0.66	0.78
Quahog clam	2.68	2.59	2.08	ND ²	6.80	6.69	ND ²	ND ²	ND ²	ND ²
Scups or Porgies	0.62	0.57	0.75	0.80	1.01	1.22	1.36	1.05	0.84	0.63
Sea scallop	4.05	4.26	5.16	7.67	6.55	6.55	7.13	6.60	7.51	9.87
Snails (conchs)	1.55	1.69	6.69	4.66	5.28	2.66	0.75	1.55	ND ²	ND ²
Squid, loligo	0.66	0.89	0.76	0.80	0.82	0.92	1.04	1.05	1.29	1.39

¹ND = these data are confidential thus not disclosable

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	99	10,288	3,647	6,358
Private Boat	183	23,248	8,475	14,603
Shore	44	4,909	1,819	3,038
Total Durable Equipment Impacts	583	90,477	34,671	51,686
Total State Trip and Durable Equipment Economic Impacts	909	128,921	48,613	75,685

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	16,020
For-Hire	1,523	5,379	Other Equipment	3,105
Private Boat	2,556	21,195	Boat Expenses	71,546
Shore	158	4,874	Vehicle Expenses	0
<i>Total Trip Expenditures</i>	<i>4,236</i>	<i>31,448</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>90,671</i>
Total State Trip and Durable Equipment Expenditures				126,355

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	283	361	297	323	336	302	381	438	402	420
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	87	112	63	77	44	61	123	93	112	98
Total Anglers	371	473	359	400	380	363	504	531	514	518

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	51	64	31	34	50	63	73	43	40	45
Private	954	875	956	1,174	868	1,097	1,292	711	871	863
Shore	645	625	573	485	571	559	608	665	614	399
Total Trips	1,650	1,564	1,560	1,693	1,489	1,719	1,973	1,419	1,525	1,307

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Atlantic cod	H	(1)	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bluefish	H	569	458	589	248	507	452	624	261	592	308
	R	662	542	979	576	1,167	888	1,144	296	715	997
Hickory shad	H	71	71	12	54	63	36	(1)	(1)	1	16
	R	377	79	21	32	144	4	5	(1)	(1)	(1)
Little tunny ³	H	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)
	R	28	8	3	(1)	(1)	1	(1)	9	8	15
Porgies (scup)	H	882	1,528	1,071	508	533	926	549	288	1,088	933
	R	569	804	539	753	740	1,005	974	1,204	1,192	538
Striped bass	H	51	96	103	141	115	118	108	61	92	64
	R	697	843	826	1,762	987	984	3,105	1,161	671	612
Summer flounder	H	93	166	216	157	137	112	146	45	35	47
	R	453	474	269	779	1,111	297	991	428	373	345
White perch	H	1	11	(1)	(1)	(1)	(1)	7	60	(1)	(1)
	R	27	28	11	(1)	15	18	52	72	(1)	(1)
Winter flounder	H	16	24	4	3	(1)	(1)	(1)	12	15	19
	R	9	5	14	(1)	22	15	(1)	7	12	(1)
Wrasses (tautog)	H	101	168	17	36	201	353	167	86	116	26
	R	219	283	77	149	107	744	250	112	256	36

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
2002	92,375 (1.3%)	1,555,595 (1.4%)	68,478 (1.7%)	97,062 (1.6%)	168,865 (1.6%)	0.49
2010	89,234 (1.2%)	1,436,992 (1.3%)	79,919 (1.6%)	120,921 (1.5%)	221,347 (1.5%)	ND ²
% change	-3.4%	-7.62%	16.7%	24.6%	31.1%	NA ³

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	0	7	7	7	11	0	18	16	18
	Receipts	ND ²	1,022	1,404	551	3,206	ND ²	2,375	2,331	2,375
Seafood Sales, retail	Firms	26	26	25	24	15	26	25	23	25
	Receipts	3,225	2,966	3,115	3,313	2,915	4,436	3,247	2,139	3,247

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	2	2	3	3	4	3	3	2	2
	Employees	ND ²	ND ²	ND ²	113	119	ND ²	59	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	3,656	4,242	ND ²	1,040	ND ²	ND ²
Seafood sales, wholesale	Establishments	28	19	19	17	19	20	24	25	23
	Employees	ND ²	169	181	ND ²	ND ²	183	185	212	216
	Payroll	ND ²	7,738	7,688	ND ²	ND ²	8,347	8,551	8,842	9,219
Seafood sales, retail	Establishments	36	34	38	39	35	36	35	36	39
	Employees	165	206	202	187	196	177	203	205	204
	Payroll	3,859	5,110	5,060	5,028	4,937	5,252	5,248	5,551	5,563

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	5	6	5	5	4	4	5	5	6
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	8,148
Deep sea freight transportation	Establishments	11	12	13	11	14	14	12	12	10
	Employees	238	270	260	310	235	228	243	222	225
	Payroll	18,271	29,086	37,013	36,766	47,845	48,110	46,595	45,045	29,407
Deep sea passenger transportation	Establishments	2	2	2	2	1	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
Marinas	Establishments	108	116	117	117	119	124	125	126	129
	Employees	722	1,006	1,016	994	1,024	1,224	1,352	1,261	1,284
	Payroll	29,690	39,691	41,952	42,754	44,829	50,809	60,016	58,065	58,877
Marine cargo handling	Establishments	1	NA ³	1	3	3	5	4	3	3
	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	5,925	ND ²	ND ²	ND ²
Navigational services to shipping	Establishments	8	6	6	8	9	6	6	6	6
	Employees	ND ²	ND ²	ND ²	45	69	ND ²	ND ²	5	ND ²
	Payroll	ND ²	ND ²	ND ²	1,768	2,423	432	338	696	242
Port & harbor operations	Establishments	5	4	4	4	4	4	8	8	6
	Employees	185	ND ²	ND ²	ND ²	ND ²	ND ²	179	166	122
	Payroll	5,527	ND ²	ND ²	ND ²	ND ²	ND ²	6,136	5,787	2,162
Ship & boat building	Establishments	12	14	17	17	17	22	15	13	12
	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

2011 Economic Impacts of the Maine Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	31,127	1,734,058	829,833	29,844	1,543,494	762,644
Commercial Harvesters	14,020	815,274	364,618	14,020	815,274	364,618
Seafood Processors & Dealers	2,337	164,767	84,528	2,133	150,540	77,229
Importers	541	148,725	45,338	0	0	0
Seafood Wholesalers & Distributors	958	92,400	43,130	839	80,928	37,775
Retail	13,271	512,892	292,219	12,852	496,752	283,022

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	290,315	287,049	367,459	392,122	361,920	344,018	308,211	292,465	377,821	424,712
Finfish & other	47,489	49,292	48,904	47,141	37,084	36,827	36,440	30,343	30,115	43,700
Shellfish	242,826	237,757	318,555	344,982	324,836	307,191	271,771	262,122	347,706	381,012
American lobster	210,950	205,715	289,079	317,948	297,143	280,634	245,146	237,673	315,875	334,183
Atlantic herring	4,618	7,296	76	56	29	9,170	8,374	7,868	8,632	14,261
Bloodworms	5,759	5,292	7,524	6,039	5,037	6,051	5,913	6,197	5,874	5,845
Blue mussel	4,117	4,487	3,319	2,625	2,618	1,934	1,627	2,203	2,071	1,940
Cod & haddock	5,944	4,673	5,392	5,177	3,982	3,728	5,257	1,751	1,528	1,671
Goosefish	6,248	7,852	6,828	6,232	3,238	2,402	1,478	525	393	579
Ocean quahog clam	4,748	4,480	3,842	3,607	3,919	3,194	2,195	1,821	1,721	7,524
Pollock	2,386	2,206	2,346	3,106	2,309	2,160	2,321	2,045	1,502	1,953
Sea Urchins	7,657	8,569	7,866	5,142	3,693	4,367	5,410	5,866	5,490	5,113
Softshell clam	14,370	15,859	16,628	14,081	13,163	12,574	12,826	11,686	12,959	15,692

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	202,483	223,533	228,502	214,514	217,659	184,233	185,242	186,858	199,063	269,923
Finfish & other	113,132	141,621	130,368	121,278	121,268	91,638	86,440	80,878	78,370	121,673
Shellfish	89,351	81,912	98,134	93,236	96,391	92,595	98,801	105,979	120,694	148,250
American lobster	63,626	54,971	71,574	68,730	72,662	63,959	69,863	81,176	95,506	104,693
Atlantic herring	67,169	96,681	911	558	258	72,726	66,277	63,084	56,522	95,806
Bloodworms	683	594	615	456	450	549	537	574	533	526
Blue mussel	4,793	4,287	4,102	3,357	2,897	2,643	2,289	2,760	2,582	2,804
Cod & haddock	5,172	3,860	4,588	4,045	2,448	2,345	2,455	1,401	876	845
Goosefish	11,127	13,291	10,552	7,130	3,666	2,376	1,178	601	404	533
Ocean quahog clam	1,287	1,194	1,013	1,001	1,214	1,011	669	556	549	10,636
Pollock	2,958	4,085	4,189	5,260	3,678	4,245	4,064	3,039	1,640	2,359
Sea Urchins	6,321	5,963	5,742	3,517	2,800	2,761	2,900	3,487	2,592	2,407
Softshell clam	2,423	2,364	2,380	1,857	1,868	1,948	1,998	1,902	2,076	2,341

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American lobster	3.32	3.74	4.04	4.63	4.09	4.39	3.51	2.93	3.31	3.19
Atlantic herring	0.07	0.08	0.08	0.10	0.11	0.13	0.13	0.12	0.15	0.15
Bloodworms	8.43	8.91	12.24	13.24	11.20	11.02	11.01	10.79	11.03	11.12
Blue mussel	0.86	1.05	0.81	0.78	0.90	0.73	0.71	0.80	0.80	0.69
Cod & haddock	1.15	1.21	1.18	1.28	1.63	1.59	2.14	1.25	1.74	1.98
Goosefish	0.56	0.59	0.65	0.87	0.88	1.01	1.26	0.87	0.97	1.09
Ocean quahog clam	3.69	3.75	3.79	3.60	3.23	3.16	3.28	3.27	3.13	0.71
Pollock	0.81	0.54	0.56	0.59	0.63	0.51	0.57	0.67	0.92	0.83
Sea Urchins	1.21	1.44	1.37	1.46	1.32	1.58	1.87	1.68	2.12	2.12
Softshell clam	5.93	6.71	6.99	7.58	7.05	6.46	6.42	6.14	6.24	6.70

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	106	7,784	2,543	4,399
Private Boat	76	6,460	2,229	3,814
Shore	139	9,959	3,257	5,489
Total Durable Equipment Impacts	521	52,867	17,254	25,612
Total State Trip and Durable Equipment Economic Impacts	843	77,071	25,283	39,313

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	18,165
For-Hire	4,671	901	Other Equipment	4,452
Private Boat	2,177	4,271	Boat Expenses	52,608
Shore	5,697	1,606	Vehicle Expenses	0
<i>Total Trip Expenditures</i>	<i>12,546</i>	<i>6,779</i>	Second Home Expenses	40
			<i>Total Durable Equipment Expenditures</i>	<i>75,264</i>
Total State Trip and Durable Equipment Expenditures				94,589

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	127	165	113	190	182	174	121	117	122	85
Non-Coastal	17	23	21	20	22	13	9	12	9	7
Out of State	172	170	148	173	285	260	180	324	159	107
Total Anglers	316	358	282	383	489	447	310	453	290	198

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	13	14	19	39	31	33	25	26	23	22
Private	421	410	338	520	547	460	408	333	327	265
Shore	471	496	420	523	497	530	421	544	367	241
Total Trips	905	920	777	1,082	1,075	1,023	854	903	717	528

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American Shad	H	(1)	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)
	R	(1)	1	2	(1)	7	4	5	19	9	5
Atlantic cod	H	15	11	5	29	14	19	41	46	14	40
	R	16	26	19	37	49	72	50	36	44	99
Atlantic mackerel	H	1,207	615	1,022	607	450	806	836	1,111	1,094	1,544
	R	234	105	87	29	103	80	265	194	177	304
Blue shark	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	10
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	24	14	16	38	8	50	30	3	14	(1)
	R	42	23	42	49	49	74	55	26	9	7
Haddock	H	3	1	4	6	9	13	19	11	3	12
	R	4	3	2	2	4	10	2	2	3	4
Pollock	H	76	10	59	28	66	51	68	62	59	57
	R	47	18	56	32	23	24	135	34	105	134
Striped bass	H	71	58	49	83	75	54	58	62	17	18
	R	1,391	847	694	2,985	4,001	1,115	465	264	193	143
Winter flounder	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	1	(1)	(1)	1	(1)	1	5	(1)	(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
2002	40,292 (0.56%)	486,766 (0.43%)	14,375 (0.36%)	23,508 (0.38%)	39,989 (0.39%)	8.88
2010	40,571 (0.55%)	480,932 (0.43%)	17,279 (0.35%)	29,610 (0.35%)	50,674 (0.37%)	14.2
% change	0.692%	-1.2%	20.2%	26%	26.7%	49.2%

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	50	62	57	52	54	65	64	63	64
	Receipts	3,023	4,699	5,642	5,082	6,463	7,177	4,261	6,642	4,261
Seafood Sales, retail	Firms	62	60	55	51	45	55	46	46	46
	Receipts	8,980	8,365	8,621	7,331	7,115	5,905	4,035	3,212	4,035

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	33	35	28	27	27	27	29	25	27
	Employees	639	656	576	614	616	536	490	545	594
	Payroll	11,301	13,999	19,767	12,349	12,304	9,351	9,288	10,427	12,851
Seafood sales, wholesale	Establishments	190	181	177	177	167	170	168	164	164
	Employees	1,256	985	1,048	1,152	996	1,015	1,210	1,126	1,153
	Payroll	36,043	29,643	30,108	30,513	32,192	32,005	36,185	37,687	39,915
Seafood sales, retail	Establishments	47	51	50	49	55	50	45	49	51
	Employees	173	181	189	184	179	181	148	152	176
	Payroll	3,971	4,663	5,112	4,678	4,753	4,635	4,148	4,481	5,126

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	4	5	4	3	3	3	5	4	4
	Employees	30	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	22	28
	Payroll	939	ND ²	ND ²	ND ²	ND ²	ND ²	1,058	1,037	1,067
Deep sea freight transportation	Establishments	3	2	2	1	1	NA ³	1	1	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	ND ²	ND ²	ND ²
Deep sea passenger transportation	Establishments	4	1	1	1	1	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
Marinas	Establishments	85	79	84	84	84	86	87	89	86
	Employees	503	416	406	411	417	464	411	376	395
	Payroll	16,055	12,853	13,369	14,215	15,353	18,600	15,206	14,654	14,699
Marine cargo handling	Establishments	4	4	4	3	3	3	3	3	2
	Employees	91	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	3,183	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Navigational services to shipping	Establishments	18	17	16	16	12	15	15	14	13
	Employees	88	106	91	88	93	105	138	93	68
	Payroll	4,341	5,521	4,927	5,890	6,260	6,737	6,148	5,369	4,928
Port & harbor operations	Establishments	NA ³	1	1	1	1	2	2	1	1
	Employees	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Ship & boat building	Establishments	87	91	86	92	89	94	90	82	75
	Employees	ND ²	7,630	7,753	ND ²	6,808	6,751	6,930	ND ²	ND ²
	Payroll	ND ²	332,332	328,179	ND ²	320,288	345,036	354,899	ND ²	ND ²

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

²ND = these data are confidential thus not disclosable

³NA = these data are not available

2011 Economic Impacts of the Massachusetts Seafood Industry (thousands of dollars)

	With Imports			Without Imports		
	Jobs	Sales	Value Added	Jobs	Sales	Value Added
Total Impacts	98,358	7,754,140	3,090,449	63,078	2,376,805	1,196,219
Commercial Harvesters	13,269	1,032,684	484,877	13,269	1,032,684	484,877
Seafood Processors & Dealers	7,587	977,819	484,709	1,799	234,730	116,357
Importers	14,708	4,045,936	1,233,379	0	0	0
Seafood Wholesalers & Distributors	3,097	495,150	219,547	1,138	181,928	80,666
Retail	59,697	1,202,551	667,938	46,872	927,463	514,319

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	296,922	292,602	325,937	427,332	437,157	420,066	399,921	400,832	478,627	565,238
Finfish & other	122,845	116,767	109,163	117,003	110,426	109,434	122,004	114,709	126,578	132,097
Shellfish	174,077	175,835	216,774	310,330	326,731	310,632	277,917	286,122	352,048	433,141
American lobster	56,569	52,329	51,581	49,563	52,553	51,255	45,423	42,725	50,367	54,859
Atlantic herring	2,285	5,461	4	69	ND ¹	8,265	11,336	15,322	10,253	8,719
Atlantic mackerel	713	1,888	6,542	ND ²	10,203	4,736	4,265	4,548	1,487	138
Clams, all other	8,169	823	4,721	19,010	14,064	15,682	15,257	16,746	17,885	15,894
Cod & haddock	40,550	36,668	31,452	31,954	25,451	32,033	38,696	33,684	45,210	43,393
Eastern oyster	ND ²	ND ²	24	2,738	4,618	4,559	5,496	6,432	8,171	9,070
Flounders	33,092	32,995	29,897	28,815	24,592	22,091	20,926	19,646	19,975	22,021
Goosefish	15,546	15,585	15,675	21,485	17,712	14,381	14,036	9,902	9,922	13,434
Ocean quahog clam	ND ²	7,325	6,919	ND ²	8,297	10,100	9,575	10,710	8,981	4,042
Sea scallop	100,551	106,938	144,748	226,949	234,668	218,292	189,893	197,296	252,290	330,921

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	243,501	295,439	337,603	337,304	351,426	304,436	326,234	355,872	282,835	255,798
Finfish & other	175,490	231,978	267,342	267,311	271,352	227,230	255,604	279,097	201,007	179,370
Shellfish	68,011	63,461	70,261	69,993	80,074	77,206	70,630	76,775	81,828	76,428
American lobster	12,853	11,385	11,295	9,880	10,966	10,143	10,598	11,781	12,768	13,717
Atlantic herring	40,508	79,873	40	700	ND ²	73,268	94,233	133,531	71,922	66,515
Atlantic mackerel	5,549	23,451	72,687	ND ²	89,535	46,240	35,406	30,199	12,156	521
Clams, all other	17,057	1,045	6,315	19,881	4,593	4,135	4,376	6,552	10,196	11,315
Cod & haddock	37,521	32,013	26,926	24,539	15,862	20,290	28,524	28,514	36,461	27,160
Eastern oyster	ND ²	ND ²	9	105	212	123	138	159	214	252
Flounders	28,987	29,418	30,704	22,115	13,182	10,966	11,589	12,399	11,158	13,690
Goosefish	22,794	23,979	22,357	21,849	17,495	13,308	12,446	9,829	8,740	10,022
Ocean quahog clam	ND ²	14,226	14,085	ND ²	16,798	20,158	18,126	18,691	15,646	5,797
Sea scallop	25,290	25,371	27,944	29,045	36,088	32,540	27,012	29,782	31,157	33,016

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American lobster	4.40	4.60	4.57	5.02	4.79	5.05	4.29	3.63	3.94	4.00
Atlantic herring	0.06	0.07	0.09	0.10	ND ²	0.11	0.12	0.11	0.14	0.13
Atlantic mackerel	0.13	0.08	0.09	ND ²	0.11	0.10	0.12	0.15	0.12	0.27
Clams, all other	0.48	0.79	0.75	0.96	3.06	3.79	3.49	2.56	1.75	1.40
Cod & haddock	1.08	1.15	1.17	1.30	1.60	1.58	1.36	1.18	1.24	1.60
Eastern oyster	ND ²	ND ²	2.74	26.09	21.75	37.00	39.77	40.36	38.25	35.94
Flounders	1.14	1.12	0.97	1.30	1.87	2.01	1.81	1.58	1.79	1.61
Goosefish	0.68	0.65	0.70	0.98	1.01	1.08	1.13	1.01	1.14	1.34
Ocean quahog clam	ND ²	0.51	0.49	ND ²	0.49	0.50	0.53	0.57	0.57	0.70
Sea scallop	3.98	4.21	5.18	7.81	6.50	6.71	7.03	6.62	8.10	10.02

¹ND = these data are confidential thus not disclosable

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	815	78,396	27,484	46,772
Private Boat	742	86,783	31,780	53,208
Shore	958	98,753	35,342	58,470
Total Durable Equipment Impacts	2,808	462,231	157,671	232,281
Total State Trip and Durable Equipment Economic Impacts	5,322	726,164	252,277	390,731

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	133,323
For-Hire	38,515	13,394	Other Equipment	36,214
Private Boat	14,582	63,018	Boat Expenses	251,688
Shore	31,254	37,526	Vehicle Expenses	100,595
<i>Total Trip Expenditures</i>	<i>84,351</i>	<i>113,938</i>	Second Home Expenses	1,914
			<i>Total Durable Equipment Expenditures</i>	<i>523,735</i>
Total State Trip and Durable Equipment Expenditures				722,024

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	465	434	535	585	623	664	655	489	586	490
Non-Coastal	96	112	131	135	151	179	170	144	152	115
Out of State	344	306	335	391	484	465	469	421	433	293
Total Anglers	906	852	1000	1112	1258	1309	1293	1054	1171	897

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	106	145	210	236	230	233	255	240	156	190
Private	2,399	2,329	2,273	2,336	2,411	2,441	2,338	1,759	2,149	1,318
Shore	1,701	1,611	1,968	1,739	1,938	1,948	1,929	1,451	1,186	1,305
Total Trips	4,206	4,085	4,451	4,311	4,579	4,622	4,522	3,450	3,491	2,813

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Atlantic bonito	H	6	11	5	29	13	3	7	4	1	5
	R	17	(1)	2	9	38	12	9	1	3	(1)
Atlantic cod	H	585	582	348	388	120	232	261	213	412	360
	R	1,050	937	658	932	424	658	671	582	884	542
Atlantic mackerel	H	2,024	1,313	481	1,927	3,603	951	2,024	471	2,084	1,649
	R	61	45	75	17	422	27	152	68	185	42
Bluefish	H	229	374	354	551	653	681	519	344	476	226
	R	627	1,020	1,295	1,814	1,843	1,241	1,302	953	1,027	597
Haddock	H	63	75	127	247	121	292	232	155	143	53
	R	125	130	56	62	62	56	158	36	33	13
Porgies (scup)	H	975	1,624	3,315	657	425	1,771	762	1,070	925	785
	R	879	1,221	1,486	751	1,097	1,183	1,687	1,743	1,858	1,175
Striped bass	H	308	405	445	340	315	314	378	344	341	256
	R	5,719	4,362	4,980	3,987	7,811	5,331	3,650	2,283	1,672	972
Summer flounder	H	156	177	225	267	238	138	233	51	45	59
	R	337	244	348	358	611	136	273	96	215	182
Winter flounder	H	51	45	45	39	44	41	167	87	86	69
	R	34	30	14	40	20	19	62	83	68	58
Wrasses (tautog)	H	103	47	21	73	80	92	34	24	45	33
	R	284	189	68	127	332	413	78	96	117	210

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
2002	175,991 (2.4%)	3,023,126 (2.7%)	127,902 (3.2%)	179,522 (2.7%)	288,352 (2.9%)	8.42
2010	169,790 (2.3%)	2,928,545 (2.6%)	158,404 (3.2%)	229,031 (2.6%)	377,846 (2.9%)	ND ²
% change	-3.52%	-3.13%	23.8%	27.6%	31%	NA ³

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	26	23	25	28	36	24	26	22	26
	Receipts	1,296	676	2,284	2,266	2,525	908	1,250	1,944	1,250
Seafood Sales, retail	Firms	78	59	64	59	62	57	64	62	64
	Receipts	7,314	5,409	5,933	5,528	4,905	4,421	7,982	6,889	7,982

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	45	55	53	50	47	52	44	44	44
	Employees	2,231	2,717	2,743	2,671	2,607	2,684	2,355	2,396	2,159
	Payroll	92,776	110,917	112,642	115,704	120,912	113,580	109,747	119,282	107,635
Seafood sales, wholesale	Establishments	207	163	148	151	139	160	141	144	149
	Employees	2,393	1,880	1,890	1,836	1,706	1,803	1,442	1,542	1,591
	Payroll	107,871	74,431	75,689	76,070	77,106	81,863	68,898	70,864	83,467
Seafood sales, retail	Establishments	126	124	128	116	115	126	118	115	112
	Employees	490	720	686	677	692	737	549	542	584
	Payroll	10,673	17,760	17,454	17,725	18,165	19,267	15,017	15,261	16,495

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	10	13	13	10	12	14	14	12	12
	Employees	ND ²	ND ²	688	ND ²	623	283	169	166	ND ²
	Payroll	ND ²	ND ²	36,533	ND ²	38,421	18,620	11,701	10,011	ND ²
Deep sea freight transportation	Establishments	12	10	10	10	11	12	8	10	8
	Employees	ND ²	ND ²	ND ²	ND ²	509	ND ²	361	ND ²	313
	Payroll	ND ²	ND ²	ND ²	ND ²	38,982	ND ²	38,908	35,473	36,069
Deep sea passenger transportation	Establishments	2	1	1	4	4	1	NA ³	1	NA ³
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	ND ²	NA ³
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	NA ³	ND ²	NA ³
Marinas	Establishments	139	145	135	139	141	173	175	177	175
	Employees	988	969	989	973	1,064	1,154	1,138	1,188	1,150
	Payroll	35,169	40,700	41,474	43,103	45,894	51,705	53,694	56,663	57,002
Marine cargo handling	Establishments	7	6	6	5	4	5	3	2	2
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	69	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	2,867	2,271	ND ²	ND ²
Navigational services to shipping	Establishments	5	5	7	6	11	9	8	11	9
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	65	75	71	150
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	4,540	4,355	4,342	9,413
Port & harbor operations	Establishments	NA ³	3	3	3	4	3	4	4	8
	Employees	NA ³	ND ²	ND ²	ND ²	ND ²	69	63	66	86
	Payroll	NA ³	ND ²	ND ²	ND ²	ND ²	647	1,289	1,323	2,662
Ship & boat building	Establishments	50	53	55	50	47	49	43	38	37
	Employees	617	ND ²	ND ²	588	ND ²	588	603	579	535
	Payroll	21,710	ND ²	ND ²	20,050	ND ²	26,445	28,402	20,685	20,196

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

2011 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	5,968	766,257	287,785	2,044	114,586	58,059
Commercial Harvesters	695	41,186	18,077	695	41,186	18,077
Seafood Processors & Dealers	629	67,994	34,451	164	17,920	9,079
Importers	1,845	507,565	154,728	0	0	0
Seafood Wholesalers & Distributors	360	46,329	21,492	61	7,844	3,639
Retail	2,439	103,183	59,038	1,124	47,637	27,264

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	16,689	15,127	17,214	22,084	18,915	16,996	17,471	17,757	20,653	23,483
Finfish & other	7,350	5,748	6,449	6,840	4,855	4,151	4,824	5,571	5,122	6,153
Shellfish	9,339	9,380	10,765	15,244	14,059	12,845	12,647	12,186	15,531	17,330
American lobster	2	ND ¹	10,199	14,377	13,915	12,492	12,267	11,919	14,890	16,337
Atlantic cod	1,983	1,853	2,244	1,913	1,705	1,972	2,311	2,587	2,184	2,501
Atlantic herring	783	1,170	3	ND ²	ND ²	147	134	271	375	208
Goosefish	1,853	1,097	1,456	1,484	794	375	290	280	214	208
Haddock	134	144	157	136	132	123	89	68	29	35
Hake	321	303	200	279	219	244	167	215	237	445
Pollock	847	589	569	1,138	1,221	902	1,093	1,284	843	1,359
Sea scallop	726	375	276	527	24	30	16	4	3	26
Shrimp	104	212	222	340	120	ND ²	ND ²	ND ²	567	ND ²
Spiny dogfish	85	27	0	ND ²	183	ND ²	419	557	292	451

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	23,200	27,435	23,796	21,281	10,820	8,422	10,463	13,887	11,820	12,321
Finfish & other	20,354	24,747	21,074	18,081	7,857	5,166	7,178	10,094	7,026	7,151
Shellfish	2,846	2,688	2,722	3,200	2,963	3,256	3,284	3,793	4,794	5,169
American lobster	0	ND ²	2,097	2,556	2,666	2,469	2,567	2,985	3,659	3,917
Atlantic cod	1,583	1,458	1,633	1,293	1,023	1,168	1,479	1,985	1,227	1,287
Atlantic herring	14,125	18,933	32	ND ²	ND ²	936	1,198	3,120	2,830	1,514
Goosefish	1,876	1,629	1,640	1,226	621	317	249	249	172	153
Haddock	95	108	123	99	73	61	53	45	18	19
Hake	557	729	405	372	241	313	222	423	322	587
Pollock	997	1,109	1,202	1,997	2,566	2,025	2,456	2,019	1,042	1,737
Sea scallop	177	100	44	76	3	4	2	1	0	3
Shrimp	90	223	432	567	294	ND ²	ND ²	ND ²	963	ND ²
Spiny dogfish	349	175	0	ND ²	620	ND ²	1,370	2,073	1,214	1,647

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
American lobster	3.86	ND ²	4.86	5.62	5.22	5.06	4.78	3.99	4.07	4.17
Atlantic cod	1.25	1.27	1.37	1.48	1.67	1.69	1.56	1.30	1.78	1.94
Atlantic herring	0.06	0.06	0.10	ND ²	ND ²	0.16	0.11	0.09	0.13	0.14
Goosefish	0.99	0.67	0.89	1.21	1.28	1.18	1.17	1.13	1.24	1.36
Haddock	1.41	1.33	1.27	1.38	1.82	2.01	1.70	1.52	1.55	1.91
Hake	0.58	0.41	0.49	0.75	0.91	0.78	0.75	0.51	0.74	0.76
Pollock	0.85	0.53	0.47	0.57	0.48	0.45	0.45	0.64	0.81	0.78
Sea scallop	4.10	3.76	6.22	6.89	7.44	8.26	7.68	7.22	8.84	10.42
Shrimp	1.16	0.95	0.51	0.60	0.41	ND ²	ND ²	ND ²	0.59	ND ²
Spiny dogfish	0.24	0.16	0.18	ND ²	0.30	ND ²	0.31	0.27	0.24	0.27

¹ND = these data are confidential thus not disclosable

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	149	12,231	4,083	7,166
Private Boat	71	7,354	2,544	4,445
Shore	12	1,062	371	629
Total Durable Equipment Impacts	145	20,358	7,179	10,374
Total State Trip and Durable Equipment Economic Impacts	376	41,005	14,177	22,614

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	8,476
For-Hire	4,912	3,590	Other Equipment	2,294
Private Boat	554	6,876	Boat Expenses	9,135
Shore	618	379	Vehicle Expenses	6,218
<i>Total Trip Expenditures</i>	<i>6,085</i>	<i>10,846</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>26,123</i>
Total State Trip and Durable Equipment Expenditures				43,054

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	60	91	81	105	90	97	63	67	46	56
Non-Coastal	11	16	13	14	15	13	8	9	7	10
Out of State	65	75	69	84	82	63	46	58	33	30
Total Anglers	137	182	163	203	187	172	118	134	86	96

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	29	35	28	53	90	113	91	98	61	69
Private	142	230	154	238	182	233	138	148	90	178
Shore	146	151	161	214	227	155	103	155	92	47
Total Trips	317	416	343	505	499	501	332	401	243	294

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
	H	(1)	(1)	1	(1)	(1)	3	(1)	(1)	(1)	(1)
	R	4	(1)	2	2	9	1	3	(1)	1	(1)
Atlantic cod	H	38	108	67	68	65	53	81	128	80	127
	R	70	207	96	137	247	235	232	209	130	258
Atlantic mackerel	H	214	409	71	407	116	128	496	882	294	2,142
	R	68	61	10	16	34	9	36	81	17	187
Bluefin tuna	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2
Bluefish	H	19	7	13	21	9	35	5	(1)	1	2
	R	14	18	9	47	23	18	3	2	(1)	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)
Haddock	H	19	44	68	103	167	97	90	100	48	76
	R	43	127	22	38	109	43	18	29	11	20
Pollock	H	89	62	57	60	76	70	52	40	51	100
	R	64	43	33	34	46	17	20	49	77	104
Striped bass	H	13	25	8	24	14	5	5	9	6	32
	R	237	260	226	572	459	258	78	59	52	98
Winter flounder	H	8	8	1	1	7	10	11	10	3	12
	R	10	2	2	1	3	7	6	5	5	1

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
2002	37,928 (0.53%)	550,725 (0.49%)	18,652 (0.47%)	27,285 (0.44%)	46,730 (0.45%)	0.29
2010	37,452 (0.51%)	562,505 (0.5%)	24,224 (0.49%)	35,224 (0.43%)	61,636 (0.44%)	0.16
% change	-1.26%	2.14%	29.9%	29.1%	31.9%	-31%

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	0	7	4	4	4	5	0	0	0
	Receipts	ND ²	1,205	1,147	842	1,087	927	ND ²	ND ²	ND ²
Seafood Sales, retail	Firms	9	14	15	11	10	11	17	14	17
	Receipts	862	960	1,438	1,330	1,496	1,540	1,894	1,858	1,894

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	9	11	10	10	10	7	7	8	8
	Employees	368	322	448	418	ND ²	ND ²	ND ²	115	292
	Payroll	13,452	13,676	18,886	16,275	ND ²	ND ²	ND ²	3,234	10,971
Seafood sales, wholesale	Establishments	14	11	12	10	9	8	8	8	8
	Employees	78	ND ²	82	ND ²	ND ²	92	101	88	80
	Payroll	2,093	ND ²	2,511	ND ²	ND ²	3,360	4,142	4,268	4,171
Seafood sales, retail	Establishments	9	12	12	12	15	15	14	14	12
	Employees	ND ²	ND ²	ND ²	79	78	93	83	95	102
	Payroll	ND ²	ND ²	ND ²	2,053	2,201	2,077	2,011	2,299	2,296

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	1	NA ³	NA ³	1	1	1	NA ³	NA ³	NA ³
	Employees	ND ²	NA ³	NA ³	ND ²	ND ²	ND ²	NA ³	NA ³	NA ³
	Payroll	ND ²	NA ³	NA ³	ND ²	ND ²	ND ²	NA ³	NA ³	NA ³
Deep sea freight transportation	Establishments	1	1	1	2	2	1	1	1	1
	Employees	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Deep sea passenger transportation	Establishments	1	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
	Employees	ND ²	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
	Payroll	ND ²	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
Marinas	Establishments	36	40	40	38	35	35	37	37	35
	Employees	228	196	226	194	ND ²	171	173	146	135
	Payroll	10,872	9,043	9,315	8,871	ND ²	7,774	8,114	7,022	6,920
Marine cargo handling	Establishments	NA ³	NA ³	NA ³	NA ³	NA ³	1	NA ³	NA ³	NA ³
	Employees	NA ³	NA ³	NA ³	NA ³	NA ³	ND ²	NA ³	NA ³	NA ³
	Payroll	NA ³	NA ³	NA ³	NA ³	NA ³	ND ²	NA ³	NA ³	NA ³
Navigational services to shipping	Establishments	2	3	3	4	4	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
Port & harbor operations	Establishments	1	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
	Employees	ND ²	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
	Payroll	ND ²	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
Ship & boat building	Establishments	8	10	8	6	6	8	9	8	7
	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

2011 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	9,157	1,024,748	397,018	4,642	269,101	136,313
Commercial Harvesters	2,068	130,996	61,578	2,068	130,996	61,578
Seafood Processors & Dealers	463	48,609	24,478	292	30,835	15,527
Importers	2,249	618,743	188,620	0	0	0
Seafood Wholesalers & Distributors	483	58,591	27,316	119	14,385	6,707
Retail	3,894	167,808	95,026	2,164	92,884	52,501

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total revenue	64,718	66,088	77,565	91,408	98,488	72,441	66,300	61,751	62,677	75,956
Finfish & other	25,115	24,408	25,821	24,672	28,123	24,998	22,995	23,566	23,009	24,545
Shellfish	39,602	41,679	51,744	66,736	70,366	47,442	43,306	38,185	39,668	51,412
All other flounders	3,194	2,728	2,136	1,734	3,499	3,585	2,171	1,455	593	805
American lobster	15,875	16,731	14,624	23,009	18,391	12,151	12,987	11,218	12,374	12,756
Atlantic herring	1,312	1,195	1,187	1,075	2,667	982	631	1,260	1,385	981
Atlantic mackerel	3,031	2,385	3,815	2,888	3,293	1,182	882	3,301	1,886	73
Goosefish	4,757	4,813	3,421	4,549	4,481	3,533	3,590	3,022	2,974	4,594
Quahog clam	7,043	6,370	5,868	3,438	3,481	4,010	3,273	2,849	3,293	3,920
Scups or porgies	2,229	2,098	1,990	2,319	2,778	2,782	2,335	2,689	2,833	3,312
Sea scallop	ND ¹	279	1,512	13,268	20,783	8,963	2,170	2,342	2,156	6,834
Squid	13,208	14,319	25,133	16,973	16,753	15,339	17,687	15,249	12,589	20,379
Summer flounder	3,992	4,060	5,309	5,866	5,042	4,416	4,592	4,541	5,547	6,415

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total landings	103,530	97,456	115,037	97,565	112,606	75,179	71,923	83,937	77,477	77,236
Finfish & other	70,552	62,340	62,169	47,820	60,590	40,848	34,465	46,467	42,340	40,180
Shellfish	32,978	35,116	52,868	49,745	52,016	34,331	37,458	37,471	35,137	37,056
All other flounders	2,781	2,428	2,360	1,315	1,848	1,871	1,144	1,027	358	615
American lobster	3,835	3,475	3,064	4,344	3,749	2,293	2,772	2,832	2,923	2,753
Atlantic herring	12,774	13,440	13,491	11,605	23,150	7,537	4,504	9,528	8,279	6,717
Atlantic mackerel	20,930	10,768	15,269	8,075	10,143	4,242	2,385	9,057	4,356	132
Goosefish	5,148	6,830	4,288	4,143	3,858	3,117	3,120	2,748	2,519	3,202
Quahog clam	1,192	1,131	1,080	642	679	610	556	511	599	666
Scups or porgies	3,675	3,814	3,425	3,424	3,643	3,932	2,151	3,619	4,298	6,335
Sea scallop	ND ²	76	249	1,612	3,290	1,357	310	356	267	690
Squid	23,713	25,862	43,697	22,135	21,294	23,718	26,417	26,452	19,799	25,995
Summer flounder	2,286	2,178	3,085	2,925	2,123	1,516	1,473	1,794	2,289	2,824

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
All other flounders	1.15	1.12	0.90	1.32	1.89	1.92	1.90	1.42	1.66	1.31
American lobster	4.14	4.82	4.77	5.30	4.91	5.30	4.69	3.96	4.23	4.63
Atlantic herring	0.10	0.09	0.09	0.09	0.12	0.13	0.14	0.13	0.17	0.15
Atlantic mackerel	0.14	0.22	0.25	0.36	0.32	0.28	0.37	0.36	0.43	0.55
Goosefish	0.92	0.70	0.80	1.10	1.16	1.13	1.15	1.10	1.18	1.43
Quahog clam	5.91	5.63	5.43	5.35	5.13	6.57	5.88	5.58	5.50	5.89
Scups or porgies	0.61	0.55	0.58	0.68	0.76	0.71	1.09	0.74	0.66	0.52
Sea scallop	ND ²	3.67	6.07	8.23	6.32	6.61	7.00	6.58	8.07	9.90
Squid	0.56	0.55	0.58	0.77	0.79	0.65	0.67	0.58	0.64	0.78
Summer flounder	1.75	1.86	1.72	2.01	2.38	2.91	3.12	2.53	2.42	2.27

¹ND = these data are confidential thus not disclosable

2011 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	100	9,212	3,124	5,507
Private Boat	196	18,451	6,509	11,053
Shore	104	8,739	3,031	5,025
Total Durable Equipment Impacts	873	120,709	35,293	52,065
Total State Trip and Durable Equipment Economic Impacts	1,273	157,111	47,957	73,650

2011 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	60,232
For-Hire	6,296	646	Other Equipment	4,311
Private Boat	7,663	11,222	Boat Expenses	76,406
Shore	4,332	3,520	Vehicle Expenses	4,176
<i>Total Trip Expenditures</i>	<i>18,291</i>	<i>15,388</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>145,125</i>
Total State Trip and Durable Equipment Expenditures				178,804

Recreational Anglers by Residential Area (thousands of anglers)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal	134	147	129	145	177	171	169	111	161	105
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	214	253	237	241	291	229	297	209	225	190
Total Anglers	348	400	366	386	468	401	465	320	387	296

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

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
For-Hire	36	60	43	55	54	75	67	56	41	38
Private	595	581	650	792	642	590	716	423	531	536
Shore	881	952	812	758	874	758	674	507	667	539
Total Trips	1,512	1,593	1,505	1,605	1,570	1,423	1,457	986	1,239	1,113

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Atlantic bonito	H	12	2	3	1	(1)	6	(1)	(1)	(1)	(1)
	R	1	4	8	(1)	(1)	4	1	(1)	(1)	(1)
Atlantic cod	H	6	1	1	1	4	1	2	4	2	4
	R	8	5	2	2	2	(1)	1	7	12	13
Black seabass	H	77	70	26	86	42	42	53	36	160	51
	R	242	206	24	64	160	119	128	133	211	221
Bluefish	H	326	336	256	344	470	296	280	64	102	124
	R	801	932	801	527	555	685	491	160	94	327
Porgies (scup)	H	604	1,027	818	430	471	352	633	140	398	569
	R	934	806	518	689	801	613	1,387	333	536	663
Striped bass	H	77	115	84	111	75	100	52	72	71	87
	R	531	448	525	634	834	677	417	398	183	213
Summer flounder	H	190	206	249	164	265	176	203	72	118	161
	R	768	350	278	279	1,129	611	848	382	231	725
Winter flounder	H	30	9	7	(1)	(1)	1	1	4	2	(1)
	R	20	1	5	(1)	(1)	2	1	1	1	(1)
Wrasses (tautog)	H	62	120	125	160	81	125	103	84	197	19
	R	134	196	222	321	200	268	187	186	187	138
Yellowfin tuna	H	2	2	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	11	(1)	2	(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
2002	28,860 (0.4%)	415,970 (0.37%)	13,547 (0.34%)	21,530 (0.36%)	38,135 (0.35%)	2.26
2010	28,521 (0.39%)	399,000 (0.36%)	16,832 (0.34%)	27,127 (0.34%)	48,840 (0.34%)	2.27
% change	-1.17%	-4.08%	24.2%	26%	28.1%	-40.7%

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Firms	0	0	0	6	8	8	7	9	7
	Receipts	ND ²	ND ²	ND ²	2,024	1,662	2,291	1,376	1,045	1,376
Seafood Sales, retail	Firms	20	16	14	16	24	23	19	16	19
	Receipts	2,433	2,227	2,186	2,215	3,266	3,536	2,748	2,821	2,748

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Seafood product prep. & packaging	Establishments	9	7	7	7	7	6	8	7	5
	Employees	184	355	355	270	231	196	270	275	193
	Payroll	7,284	10,381	10,867	5,549	6,137	6,876	6,354	5,821	6,096
Seafood sales, wholesale	Establishments	39	38	35	32	36	35	29	34	32
	Employees	380	394	259	206	188	224	226	202	204
	Payroll	14,505	15,724	12,269	9,851	10,209	11,447	10,505	9,534	9,815
Seafood sales, retail	Establishments	27	29	34	31	28	27	23	24	26
	Employees	151	162	163	140	ND ²	109	94	127	113
	Payroll	3,015	2,870	2,707	2,447	ND ²	2,207	2,027	2,398	2,309

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

		2002	2003	2004	2005	2006	2007	2008	2009	2010
Coastal & Great Lakes freight transportation	Establishments	2	1	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
Deep sea freight transportation	Establishments	1	1	2	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	2	3	NA ³	NA ³	NA ³	1	1	1	1
	Employees	ND ²	ND ²	NA ³	NA ³	NA ³	ND ²	ND ²	ND ²	ND ²
	Payroll	ND ²	ND ²	NA ³	NA ³	NA ³	ND ²	ND ²	ND ²	ND ²
Marinas	Establishments	56	61	60	66	63	68	73	70	72
	Employees	522	405	475	408	457	463	476	459	428
	Payroll	17,609	14,456	15,111	15,843	18,748	22,029	23,204	21,372	22,227
Marine cargo handling	Establishments	3	1	1	1	2	2	5	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	10	8	8	8	7	7	8	8	8
	Employees	36	46	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	2,162	2,585	ND ²	ND ²	ND ²	ND ²	5,904	3,728	3,955
Port & harbor operations	Establishments	NA ³	2	2	2	2	2	2	1	1
	Employees	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
	Payroll	NA ³	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²	ND ²
Ship & boat building	Establishments	31	37	38	36	38	37	39	33	29
	Employees	1,329	ND ²	ND ²	ND ²	1,325	1,374	1,342	1,085	954
	Payroll	47,328	ND ²	ND ²	ND ²	52,682	55,788	54,225	41,246	40,004

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