

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). Eight stocks or stock complexes are currently subject to overfishing: Atlantic cod (two stocks), haddock, white hake, windowpane, witch flounder, and yellowtail flounder (two stocks).

In July 2013 the South Atlantic, Mid-Atlantic, and New England Fishery Management Councils signed a Memorandum of Understanding (MOU) to help coordinate the protection of deep sea corals off the east coast of the United States from Maine to eastern Florida. The MOU will serve as a framework for cooperation during the development and implementation of management measures to protect deep sea corals. Rather than establish specific requirements for each council, the MOU identifies areas of consensus and strategies to promote more effective coordination of deep sea coral conservation efforts among the councils. In the New England Region, the NEFMC is considering the designation of “deep sea coral zones” where management measures would be applied to areas in the Gulf of Maine, canyon areas off Georges Bank and southern New England, and for the four New England seamounts in the U.S. Exclusive Economic Zone.

There are two catch share programs in the New England Region. These are the: 1) Northeast Multispecies Sectors, and 2) Northeast General Category Atlantic Sea Scallop Individual Fishing Quota (IFQ) program. Below is a description of these catch share programs and their performance.

Northeast Multispecies Sectors This program was first developed between 2004-2006 and included two pilot sectors that operated with an allocation of Georges Bank cod. The program was expanded in 2010 to 17 sectors and approximately 55% of vessels with limited access permit joined a sector. At the same time, annual catch limits were implemented for the first time and sharply reduced the available quota for fishermen. The key performance indicators of this program show that since implementation from 2010 through 2011, total revenue, quota and landings of groundfish decreased while total revenue per active vessel and total revenue per trip increased.

Northeast General Category Atlantic Sea Scallop IFQ This program began implementation in 2010 with the primary objectives to 1) control capacity and mortality in the general category scallop fishery; and 2) allow for better and more timely integration of sea scallop assessment results in management. The key performance indicators of this program show that since implementation from 2010 through 2011, total revenue and average price per pound increased while landings decreased.

Commercial Fisheries

In 2012, commercial fishermen in New England landed 664 million pounds of finfish and shellfish, earning \$1.2 billion in landings revenue. Landings revenue was dominated by American lobster (\$424 million) and sea scallop (\$389 million). These species groups commanded ex-vessel prices of \$2.86 and \$9.93 per pound, respectively, and comprised 68% of total landings revenue, but only 28% of total landings in New England.

Economic Impacts¹

In 2012, the New England Region's seafood industry generated \$603 million in sales impacts in Connecticut, \$1.9 billion in sales impacts in Maine, \$8.5 billion in sales impacts in Massachusetts, \$609 million in sales impacts in New Hampshire, and \$1.2 billion in sales impacts in Rhode Island. Massachusetts generated the largest impacts across the three other impact categories, generating 107,000 job, \$2.2 billion in income, and \$3.4 billion in value added impacts. The smallest income impacts were generated in Connecticut (\$128 million) and the smallest employment impacts were also generated in Connecticut (3,900 jobs).

Key New England Region Commercial Species

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

The sector that generated the greatest employment impacts by state was the retail sector with 65,000 employment impacts in Massachusetts and 14,000 employment impacts in Maine. The harvest sector in Maine generated 15,000 employment impacts. More sales impacts were generated by importers in Massachusetts than any other sector in any another state in the region at \$4.4 billion and the greatest value added impacts were also generated by importers in Massachusetts (\$1.3 billion).

Landings Revenue

Landings revenue in the New England Region totaled \$1.2 billion in 2012. This was a 72% increase (a 24% increase in real terms) from 2003 levels (\$691 million) and a 8.1% increase (a 8.5% increase in real terms) relative to 2011 (\$1.1 billion). Totalling \$947 million in 2012, shellfish revenue experienced a 93% increase (a 38% increase in real terms) from 2003 to 2012 and experienced a 6.4% increase (6.8% increase in real terms) from 2011 to 2012.

Massachusetts had the highest landings revenue in the region with \$618 million in 2012, followed by Maine (\$449 million) and Rhode Island (\$81 million). Massachusetts also had the highest landings total (298 million pounds), followed by Maine (263 million pounds) and Rhode Island (83 million pounds).

Massachusetts had the highest finfish landings revenue (\$128 million), in New England followed by Maine (\$77 million), and Rhode Island (\$28 million). Shellfish landings revenue was also dominated by Massachusetts (\$490 million) followed by Maine (\$372 million), and Rhode Island (\$52.4 million).

Commercial Fisheries Facts

Landings revenue

- On average, between 2003 and 2012, the key species or species groups accounted for 85% of total revenue, generating \$793 million in the New England Region.
- American lobster had higher landings revenues than any other species or species group, averaging \$367 million in landings revenue from 2003 to 2012.
- Atlantic mackerel had the largest one-year increase in landings revenue over the 10 year time period, increasing 1196% from \$268,000 in 2011 to \$3.5 million in 2012.
- 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 \$268,000 in 2011.

Landings

- Key species or species groups contributed an average of 73% annually to total landings between 2003 and 2012.
- Atlantic herring contributed the most to landings in the region, averaging 189 million pounds from 2003 to 2012.
- 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 883,000 pounds in 2011.

Prices

- Sea scallop had the highest average annual ex-vessel price per pound (\$7.20) over the time period, followed by bluefin tuna (\$6.58), and quahog clam (\$5.16).
- Atlantic herring had the lowest average annual ex-vessel price per pound (\$0.17) over the time period, followed by Atlantic mackerel (\$0.21), and squid (\$0.68).
- Atlantic herring had the largest one-year increase in ex-vessel price over the 10 year time period, increasing 656% from \$0.09 per pound in 2005 to \$0.68 in 2006.
- Atlantic herring had the largest decrease in ex-vessel price over the 10 year time period, decreasing 82% from \$0.68 per pound in 2006 to \$0.12 in 2007.

American lobster and sea scallop had the highest landings revenue in the New England Region in 2012, with \$424 million and \$389 million, respectively. Together they accounted for 68% of total landings revenue in 2012. Between 2003 and 2012, the landings revenue from these species experienced a 53% increase for American lobster and 234% increase for sea scallop.

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)

From 2003 to 2012, species or species groups with large changes in landings revenue include Atlantic herring (increased 87%), American lobster (increased 53%), and quahog clam (decreased 45%). Species or species groups with large changes in landings revenue between 2011 and 2012 include Atlantic mackerel (1196% increase), cod and haddock (39% decrease), and Atlantic herring (18% increase).

Landings

Fishermen in the New England Region landed 664 million pounds of finfish and shellfish in 2012. This was a 0.6% increase from the 660 million pounds landed in 2003 and a 8.9% increase from the 610 million pounds landed in 2011. Finfish landings contributed 57% of total landings in the New England Region (381 million pounds) in 2012. From 2011 to 2012, finfish landings experienced a 7.3% increase. Shellfish landings experienced a 11% increase from 255 million pounds in 2011 to 283 million in 2012 and a 48% increase from 192 million pounds in 2003. Atlantic herring and American lobster had the highest annual landings in the New England Region in 2012, with 189 million pounds and 148 million pounds, respectively. Together they accounted for 51% of the total landings in 2012. Atlantic herring landings decreased 10% and American lobster landings increased 110% during this period.

From 2003 to 2012, species or species groups with large changes in landings include American lobster (increasing 110%), Atlantic mackerel (decreasing 72%), and quahog clam (decreasing 70%). Species or species groups with large changes in landings between 2011 and 2012 include Atlantic mackerel (increasing 993%), cod and haddock (decreasing 51%), and American lobster (increasing 18%).

Prices

The ex-vessel prices for the New England Region's key species and species groups in 2012 were higher than their 10 year average for eight of the key species (six of the species in real terms). Ex-vessel prices for Atlantic mackerel and sea scallop experienced the biggest increases between 2003 and 2012, increasing 180% (98% in real terms) and 140% (69% in real terms), respectively. Relative to 2011 ex-vessel prices, New England's cod and haddock experienced the greatest increase (24.7%, 25.2% in real terms) from \$1.62 in 2011 to \$2.02 in 2012. American lobster experienced the greatest price decrease between 2011 and 2012 declining from \$3.34 to \$2.86 (14.4%, 14% in real terms). Relative to ex-vessel prices in 2011, seven species or species groups experienced increases, including cod and haddock (25%), and Atlantic mackerel (20%).

In Connecticut, the species or species group with the largest change in ex-vessel price from 2003 to 2012 was sea scallop (129% increase, 64% increase in real terms) from \$4.26 to \$9.75. The largest change in ex-vessel price experienced in Maine was for cod and haddock (105% increase, 47% increase in real terms

from \$1.21 to \$2.48 and in Massachusetts the largest change in ex-vessel price was experienced by sea scallop (136% increase, 69% increase in real terms) from \$4.21 to \$9.94.

Recreational Fishing

In 2012, almost 1.3 million recreational anglers took 6.2 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, 51% were taken from a private or rental boat and another 44% were shore-based. Porgies (scup) was the most frequently caught species or species group with 6.5 million fish caught in 2012 and represented 33% of total fish caught in the region. Of the Porgies (scup) caught, 54% 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 6,940 full- and part-time jobs generated by recreational fishing activities in the state. Rhode Island (1,800 jobs), and Maine (1,700 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 2012 generated more employment impacts than any other expenditure: 80% in Rhode Island, 76% in Maine, and 75% in Connecticut.

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 2012, sales impacts were the highest in Massachusetts (\$848 million in sales impacts), followed by Rhode Island (\$192 million), Maine (\$164 million), Connecticut (\$148 million), and New Hampshire (\$48 million). In the same year, value added impacts were the highest in Massachusetts (\$574 million in value added impacts), followed by Rhode Island (\$121 million), Connecticut (\$108 million), Maine (\$99 million), and New Hampshire (\$32 million).

Overall, there were \$1.2 billion in expenditures on fishing trip

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

and durable equipment expenditures across the New England Region in 2012. Approximately 74% of these expenditures were durable equipment purchases. The greatest expenditures were for boat expenses (\$488 million), followed by fishing tackle (\$247 million), vehicle expenses (\$118 million), other equipment (\$54 million), and second home expenses (\$2.1 million). Fishing trip expenditures by New England's non-residents totaled over \$139 million, of which the greatest portion can be attributed to shore-based fishing trips (\$57 million). Residents of the New England Region spent \$180 million on saltwater fishing trips, with the most of these expenses related to private boat trips (\$112 million).

Participation

There were 1.3 million recreational anglers who fished in the New England Region in 2012. This was a 2.5% decrease from 2003 (1.3 million anglers). These anglers were New England Region residents from either a coastal (1.2 million anglers) or non-coastal county (144,000 anglers). Over 89% of total anglers in 2012 were residents of a coastal county. Coastal county angler participation in 2012 decreased 2.2% relative to 2003 (1.2 million anglers) and increased 1.3% between 2011 and 2012. Non-coastal county angler participation decreased 4.7% relative to 2003 (152,000 anglers) and increased 10% relative to 2011 (131,000 anglers).

Fishing Trips

Recreational fishermen took 6.2 million fishing trips in New England Region in 2012. This was a 28% decrease from the 2003 (8.6 million trips) and was 105,000 more trips than those taken in 2011. Approximately 51% of the saltwater trips were private or rental boat based (3.1 million trips). The other most popular mode of fishing was shore-based with 2.7 million trips in 2012.

Harvest and Release

The New England Region's species and species groups caught most frequently in 2012 were scup (6.5 million fish), Atlantic mackerel (3.8 million fish), bluefish (3.5 million fish), and striped bass (2.3 million fish) in 2012. Little tunny (91% released), summer flounder (79% released), striped bass (77% released), tautog (74% released), Atlantic cod (58% released), bluefish (56% released), and scup (54% released) were more often released rather than harvested.

Anglers harvested more often than released Atlantic mackerel (87% harvested) and bluefin tuna (71% harvested). In 2012, most of the striped bass were caught in Massachusetts (1.4 million fish) and Connecticut (330,000), making up 74% of the total catch. Atlantic mackerel were caught in large numbers in Maine and New Hampshire which represented 66% of the total catch of Atlantic mackerel in the New England Region. Between 2003 and 2012, six 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 (69%), Atlantic cod (57%), and winter flounder (33%).

Recreational Fishing Facts

Participation

- An average of 1.4 million anglers fished in the New England Region annually from 2003 to 2012.
- In 2012, 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 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 8.1 million fishing trips were taken annually from 2003 to 2012.
- Private or rental boat and shore-based fishing trips accounted for 3.1 million and 2.7 million fishing trips, respectively, in 2012. 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 7.1 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 (90% harvested), followed by winter flounder (60% harvested), and bluefin tuna (56% harvested) were key species or groups that experienced the greatest proportion of harvests rather than releases.

Marine Economy²

Across all sectors of the economy in Connecticut, Maine, Massachusetts, New Hampshire, and Rhode Island nearly 5.8 million full- and part-time employees were employed by about 363,000 establishments in 2011. Annual payroll totaled \$307 billion. Total employee compensation in the New England region totaled \$460 billion and the combined gross state product of all states totaled about \$779 billion. Commercial fishing location quotient (CFLQ) values were available for only two of the five states in the New England region: Maine and Connecticut. Both states show a higher concentration of fishing-related industries than the national economy as a whole. Maine had a CFLQ of

²Information for 2011 is reported in this section; 2012 data were not available for this report.

14.47 and Connecticut had a CFLQ of 2.33 in 2011

Seafood Sales and Processing

In 2011, there were 117 nonemployer firms engaged in seafood product preparation and packaging across New England. Maine (51) and Massachusetts (36) had the most establishments in the sector. Nonemployer firms in the seafood product preparation and packaging sector had receipts totaling \$8.6 million in 2011. The number of employer establishments in this sector decreased 22% from 110 in 2003 to 86 in 2011. The largest number of employer establishments (44) engaged in seafood product preparation and packaging was located in Massachusetts. The number of employees in the seafood product preparation and packaging sector decreased 23% from 4,050 employees in 2003 to 3,123 in 2011. Payroll in this sector was \$140 million in 2011, a small (5.8%) decline from 2003.

There were 358 seafood wholesale establishments in the New England region in 2011, a decrease of 13% from 2003. The great majority of these firms were located in Maine (152) or Massachusetts (141). The number of employees in the seafood wholesale sector increased 6.4% from 3,428 employees in 2003 to 3,648 in 2011. Payroll in this sector was \$156 million in 2011.

Nonemployer firms engaged in seafood retail sales in the New England region totaled 171 in 2011, a 2.3% decrease from 2003 levels. Massachusetts (66) and Maine (48) had the largest number of firms in this sector. Region-wide, there were 233 employer establishments in the seafood retail sales sector in 2011, a decrease of 6.8% from 2003. Most of these firms were located in Massachusetts (106) and Maine (51). The number of employees in the seafood wholesale sector decreased 12% from 1,269 employees in 2003 to 1,121 in 2011. Payroll in this sector was \$30 million in 2011.

Transport, Support, and Marine Operations

The size of the Transport, Support, and Marine Operations sectors in the New England region is difficult to assess because much of the state-level data is suppressed for confidentiality purposes. It is clear, however, that these sectors play an important role in the regional economy. For example, 493 establishments were classified as marinas over all five states, employing 3,356 workers and spending \$163 million on payroll in 2011.

2012 Economic Impacts of the New England Region Seafood Industry (thousands of dollars)

	Landings Revenue	Jobs	Sales	Income	Valued Added
Connecticut	20,608	3,857	603,308	128,092	212,505
Massachusetts	618,247	107,064	8,483,740	2,223,411	3,381,475
Maine	448,544	32,971	1,875,020	615,930	892,006
New Hampshire	23,176	4,971	609,187	147,640	232,000
Rhode Island	80,787	10,509	1,224,565	295,885	468,920

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	690,692	821,573	970,516	1,132,841	895,381	808,816	787,206	960,142	1,102,427	1,191,363
Finfish & other	200,351	194,911	200,751	329,541	178,614	190,211	176,889	190,179	211,846	244,156
Shellfish	490,341	626,662	769,765	803,300	716,768	618,605	610,317	769,963	890,581	947,206
American lobster	277,946	368,649	408,719	395,289	359,783	317,909	305,195	397,826	418,107	424,001
Atlantic herring	15,274	14,931	20,085	163,420	18,770	20,507	24,459	20,654	24,312	28,614
Atlantic mackerel	4,404	10,416	2,923	14,491	6,000	5,265	7,892	3,459	268	3,474
Bluefin tuna	8,267	4,297	3,864	1,715	2,077	2,993	4,448	8,470	9,258	8,394
Cod & haddock	44,386	40,089	39,824	31,856	39,326	47,166	38,745	49,710	48,777	29,968
Flounders	47,221	43,737	42,339	37,757	33,650	30,501	27,282	27,683	30,848	36,301
Goosefish	30,031	27,960	34,408	26,603	21,209	19,945	14,321	14,064	19,792	19,652
Quahog clam	16,857	16,721	6,707	28,356	30,026	8,901	9,002	9,713	8,316	9,276
Sea scallop	116,454	158,014	250,762	264,226	237,299	203,124	209,168	265,531	352,647	389,321
Squid	17,283	28,133	20,206	25,850	17,711	19,848	16,696	14,788	22,887	23,978

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	660,283	723,130	684,292	748,637	584,849	602,950	648,988	579,965	610,128	664,243
Finfish & other	468,511	487,785	461,038	496,743	371,353	396,942	422,726	334,444	354,967	380,746
Shellfish	191,772	235,345	223,254	251,894	213,496	206,009	226,263	245,521	255,162	283,497
American lobster	70,502	88,679	86,224	94,347	79,435	86,229	99,199	116,037	125,140	148,270
Atlantic herring	209,933	188,201	212,389	240,626	158,077	167,709	210,786	140,589	171,855	189,299
Atlantic mackerel	34,839	88,124	8,223	99,752	50,760	38,359	39,398	16,904	883	9,650
Bluefin tuna	1,787	704	837	274	300	447	772	1,201	1,085	915
Cod & haddock	38,482	34,158	30,500	19,785	24,856	33,122	32,470	39,261	30,109	14,822
Flounders	39,782	40,966	30,290	19,530	16,089	15,411	16,229	14,528	17,910	19,502
Goosefish	46,751	39,735	34,873	26,146	19,968	17,757	14,256	12,378	14,700	16,372
Quahog clam	5,173	6,231	1,088	6,195	4,630	1,468	1,628	1,790	1,513	1,570
Sea scallop	27,587	30,462	32,038	41,229	35,390	28,867	31,604	32,888	35,287	39,189
Squid	29,405	47,901	26,748	43,652	26,421	28,615	28,014	21,722	27,908	27,841

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American lobster	3.94	4.16	4.74	4.19	4.53	3.69	3.08	3.43	3.34	2.86
Atlantic herring	0.07	0.08	0.09	0.68	0.12	0.12	0.12	0.15	0.14	0.15
Atlantic mackerel	0.13	0.12	0.36	0.15	0.12	0.14	0.20	0.20	0.30	0.36
Bluefin tuna	4.63	6.10	4.62	6.26	6.93	6.69	5.76	7.05	8.54	9.18
Cod & haddock	1.15	1.17	1.31	1.61	1.58	1.42	1.19	1.27	1.62	2.02
Flounders	1.19	1.07	1.40	1.93	2.09	1.98	1.68	1.91	1.72	1.86
Goosefish	0.64	0.70	0.99	1.02	1.06	1.12	1.00	1.14	1.35	1.20
Quahog clam	3.26	2.68	6.16	4.58	6.49	6.06	5.53	5.43	5.50	5.91
Sea scallop	4.22	5.19	7.83	6.41	6.71	7.04	6.62	8.07	9.99	9.93
Squid	0.59	0.59	0.76	0.59	0.67	0.69	0.60	0.68	0.82	0.86

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Income	Value Added
Connecticut	1,326,000	1,137	148,140	71,063	108,298
Massachusetts	2,826,000	6,942	848,039	369,995	573,813
Maine	637,000	1,664	163,679	64,338	98,718
New Hampshire	299,000	442	47,926	20,320	31,904
Rhode Island	1,076,000	1,794	192,367	75,373	121,230

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	247,169
For-Hire	54,616	22,944	Other Equipment	54,058
Private Boat	27,991	112,417	Boat Expenses	487,975
Shore	56,568	44,264	Vehicle Expenses	117,613
<i>Total Trip Expenditures</i>	139,177	179,625	Second Home Expenses	2,093
			<i>Total Durable Equipment Expenditures</i>	908,907
Total State Trip and Durable Equipment Expenditures				1,227,709

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	1,198	1,155	1,349	1,408	1,408	1,389	1,222	1,317	1,156	1,171
Non-Coastal	152	165	169	188	205	187	165	169	131	144
Out-of-State ³	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Anglers	1,349	1,319	1,518	1,596	1,614	1,576	1,387	1,486	1,288	1,316

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	318	332	418	457	518	511	463	321	367	345
Private Boat	4,426	4,370	5,060	4,651	4,820	4,893	3,375	3,967	3,161	3,132
Shore	3,833	3,935	3,719	4,107	3,951	3,735	3,322	2,925	2,531	2,687
Total Trips	8,577	8,637	9,197	9,215	9,289	9,139	7,160	7,213	6,059	6,164

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Atlantic cod	H	704	421	485	203	305	384	390	509	532	336
	R	1,176	775	1,108	722	964	954	833	1,071	915	471
Atlantic mackerel	H	2,398	1,576	2,940	4,180	1,885	3,357	2,463	3,472	5,336	3,277
	R	213	174	62	559	116	453	344	381	536	484
Bluefin tuna	H	5	1	12	3	11	9	8	1	2	10
	R	5	4	8	7	10	1	5	(1)	5	4
Bluefish	H	1,188	1,232	1,200	1,647	1,513	1,460	673	1,184	658	1,502
	R	2,533	3,125	3,013	3,639	2,906	2,995	1,436	1,846	1,931	1,950
Little tunny ¹	H	4	9	(1)	1	5	(1)	1	2	(1)	10
	R	33	85	55	26	65	16	17	20	44	103
Porgies (scup)	H	4,181	5,202	1,595	1,426	3,048	1,944	1,498	2,411	2,287	2,952
	R	2,830	2,542	2,194	2,638	2,802	4,048	3,277	3,586	2,376	3,530
Striped bass	H	701	689	700	593	597	602	548	527	458	531
	R	6,761	7,253	9,943	14,094	8,367	7,714	4,164	2,769	2,040	1,780
Summer flounder	H	548	690	589	642	426	584	167	198	267	242
	R	1,071	896	1,419	2,850	1,044	2,112	908	818	1,252	937
Winter flounder	H	82	57	43	50	52	180	113	104	100	55
	R	41	36	42	46	44	70	102	86	60	28
Wrasses (tautog)	H	335	163	269	362	569	304	197	358	79	323
	R	669	366	594	638	1,426	515	396	562	384	909

³NA = 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

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

2012 Economic Impacts of the Connecticut Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	3,857	603,308	128,092	212,505
Commercial Harvesters	605	36,545	10,024	15,444
Seafood Processors & Dealers	164	17,087	6,525	8,435
Importers	1,638	450,451	72,193	137,317
Seafood Wholesalers & Distributors	239	38,724	12,675	17,030
Retail	1,211	60,501	26,674	34,278

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	29,825	33,399	37,570	36,892	42,053	17,206	15,007	17,626	19,662	20,608
Finfish & other	4,136	4,575	5,097	3,732	3,421	3,987	3,172	5,284	4,654	5,194
Shellfish	25,690	28,825	32,474	33,161	38,632	13,219	11,835	12,342	15,008	15,414
American lobster	3,170	3,166	3,821	4,031	3,222	2,102	1,763	1,894	782	1,026
Eastern oyster	2,274	1,356	ND ²	2,206	5,142	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Flounders	896	1,075	1,170	1,027	881	802	736	892	1,038	1,003
Goosefish	683	580	658	346	512	551	591	564	976	1,000
Hake	1,602	2,028	2,432	1,628	1,232	1,619	1,149	1,417	1,705	1,460
Quahog clam	10,470	10,690	ND ¹	18,135	20,531	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Scups or Porgies	167	191	263	302	311	383	196	272	407	833
Sea scallop	8,125	11,203	9,761	7,229	8,605	10,032	8,952	9,458	13,007	11,996
Snails (conchs)	119	209	233	533	312	35	ND ¹	ND ¹	ND ¹	ND ¹
Squid, loligo	1,400	1,298	1,224	954	744	546	260	473	694	1,713

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	16,420	18,192	13,628	11,750	10,050	7,131	6,568	6,698	7,090	8,673
Finfish & other	7,825	6,832	6,548	5,807	3,931	4,552	4,248	4,485	5,010	5,705
Shellfish	8,595	11,359	7,080	5,943	6,119	2,578	2,320	2,213	2,081	2,968
American lobster	671	647	714	793	569	426	412	442	159	241
Eastern oyster	279	186	ND ¹	77	193	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Flounders	565	637	582	458	345	283	308	334	429	356
Goosefish	1,023	897	524	496	460	424	546	358	630	716
Hake	2,875	2,936	3,735	2,632	1,839	2,465	2,194	2,151	2,199	2,011
Quahog clam	4,038	5,137	ND ¹	2,665	3,067	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Scups or Porgies	292	256	328	298	256	282	204	324	644	905
Sea scallop	1,908	2,172	1,272	1,104	1,313	1,407	1,386	1,260	1,318	1,230
Snails (conchs)	70	31	50	101	117	47	ND ¹	ND ¹	ND ¹	ND ¹
Squid, loligo	1,572	1,699	1,537	1,157	811	523	256	366	498	1,376

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American lobster	4.72	4.89	5.35	5.08	5.67	4.93	4.27	4.29	4.91	4.25
Eastern oyster	8.14	7.30	ND ¹	28.61	26.64	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Flounders	1.59	1.69	2.01	2.25	2.55	2.84	2.39	2.67	2.42	2.82
Goosefish	0.67	0.65	1.26	0.70	1.11	1.30	1.08	1.58	1.55	1.40
Hake	0.56	0.69	0.65	0.62	0.67	0.66	0.52	0.66	0.78	0.73
Quahog clam	2.59	2.08	ND ¹	6.80	6.69	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Scups or Porgies	0.57	0.75	0.80	1.01	1.22	1.36	0.96	0.84	0.63	0.92
Sea scallop	4.26	5.16	7.67	6.55	6.55	7.13	6.46	7.51	9.87	9.75
Snails (conchs)	1.69	6.69	4.66	5.28	2.66	0.75	ND ¹	ND ¹	ND ¹	ND ¹
Squid, loligo	0.89	0.76	0.80	0.82	0.92	1.04	1.01	1.29	1.39	1.25

²ND = these data are confidential thus not disclosable

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	37	6,331	3,368	4,807
Private Boat	176	24,994	8,956	15,344
Shore	70	7,368	2,621	4,232
Total Durable Equipment Impacts	854	109,447	56,118	83,915
Total State Trip and Durable Equipment Economic Impacts	1,137	148,140	71,063	108,298

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	15,395
For-Hire	1,383	2,660	Other Equipment	2,985
Private Boat	2,434	20,709	Boat Expenses	68,759
Shore	438	5,616	Vehicle Expenses	0
<i>Total Trip Expenditures</i>	<i>4,255</i>	<i>28,985</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>87,139</i>
Total State Trip and Durable Equipment Expenditures				120,379

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	361	297	323	336	302	381	438	402	420	397
Non-Coastal ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out of State	112	63	77	44	61	123	93	112	98	67
Total Anglers	473	359	400	380	363	504	531	514	518	464

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	64	30	35	50	64	74	43	41	46	26
Private	875	956	1,174	868	1,097	1,292	711	871	863	825
Shore	625	573	485	571	559	609	665	614	399	475
Total Trips	1,564	1,559	1,694	1,489	1,720	1,975	1,419	1,526	1,308	1,326

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Atlantic cod	H	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bluefish	H	458	589	247	507	451	623	262	591	307	480
	R	542	979	576	1,167	888	1,144	295	715	997	679
Hickory shad	H	71	12	54	63	35	(1)	(1)	1	16	39
	R	79	21	32	144	4	5	(1)	(1)	(1)	(1)
Little tunny ³	H	1	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	(1)
	R	8	3	(1)	(1)	1	(1)	9	8	14	57
Porgies (scup)	H	1,529	1,072	508	532	925	549	289	1,088	933	868
	R	804	538	753	740	1,006	974	1,204	1,192	539	1,049
Striped bass	H	96	103	141	115	119	108	61	93	63	65
	R	843	827	1,762	987	985	3,105	1,161	671	612	265
Summer flounder	H	166	216	157	138	112	146	45	35	47	63
	R	475	270	779	1,111	297	991	428	373	345	306
White perch	H	11	(1)	(1)	(1)	(1)	7	60	(1)	(1)	10
	R	28	10	(1)	15	18	52	72	(1)	(1)	48
Winter flounder	H	24	3	4	(1)	(1)	(1)	12	14	19	9
	R	6	14	(1)	21	15	(1)	7	12	(1)	7
Wrasses (tautog)	H	168	16	36	201	353	167	86	116	26	194
	R	283	77	149	108	745	250	112	257	36	599

¹Data is not available because all Connecticut residents are considered coastal county residents.²In 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
2003	91,611 (1.3%)	1,550,867 (1.4%)	69,742 (1.7%)	100,146 (1.6%)	173,915 (1.6%)	ND
2011	88,040 (1.2%)	1,442,620 (1.3%)	82,131 (1.6%)	125,859 (1.5%)	225,409 (1.5%)	ND
%change	-3.90%	-6.98%	17.76%	25.68%	29.61%	NA

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	7	7	7	11	ND	18	16	17	14
	Receipts	1,022	1,404	551	3,206	ND	2,375	2,331	1,518	1,066
Seafood sales, retail	Firms	26	25	24	15	26	25	23	25	21
	Receipts	2,966	3,115	3,313	2,915	4,436	3,247	2,139	2,473	2,165

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	2	3	3	4	3	3	2	2	2
	Employees	ND	ND	113	119	ND	59	ND	ND	ND
	Payroll	ND	ND	3,656	4,242	ND	1,040	ND	ND	ND
Seafood Sales, wholesale	Establishments	19	19	17	19	20	24	25	23	24
	Employees	169	181	ND	ND	183	185	212	216	212
	Payroll	7,738	7,688	ND	ND	8,347	8,551	8,842	9,219	9,224
Seafood sales, retail	Establishments	34	38	39	35	36	35	36	39	37
	Employees	206	202	187	196	177	203	205	204	171
	Payroll	5,110	5,060	5,028	4,937	5,252	5,248	5,551	5,563	4,824

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	6	5	5	4	4	5	5	6	5
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	95
	Payroll	ND	ND	ND	ND	ND	ND	ND	8,148	7,856
Deep sea freight transportation	Establishments	12	13	11	14	14	12	12	10	11
	Employees	270	260	310	235	228	243	222	225	225
	Payroll	29,086	37,013	36,766	47,845	48,110	46,595	45,045	29,407	41,302
Deep sea passenger transportation	Establishments	2	2	2	1	2	1	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Marinas	Establishments	116	117	117	119	124	125	126	129	128
	Employees	1,006	1,016	994	1,024	1,224	1,352	1,261	1,284	1,283
	Payroll	39,691	41,952	42,754	44,829	50,809	60,016	58,065	58,877	59,851
Marine cargo handling	Establishments	NA	1	3	3	5	4	3	3	3
	Employees	NA	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	NA	ND	ND	ND	5,925	ND	ND	ND	ND
Navigational services to shipping	Establishments	6	6	8	9	6	6	6	6	5
	Employees	ND	ND	45	69	ND	ND	5	ND	5
	Payroll	ND	ND	1,768	2,423	432	338	696	242	898
Port & harbor operations	Establishments	4	4	4	4	4	8	8	6	5
	Employees	ND	ND	ND	ND	ND	179	166	122	34
	Payroll	ND	ND	ND	ND	ND	6,136	5,787	2,162	848
Ship & boat building	Establishments	14	17	17	17	22	15	13	12	11
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

ND- these data are confidential and therefore not available

NA- these data are not available

2012 Economic Impacts of the Maine Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	32,971	1,875,020	615,930	892,006
Commercial Harvesters	14,718	860,955	235,563	385,184
Seafood Processors & Dealers	2,507	177,717	71,351	91,171
Importers	694	190,881	30,592	58,189
Seafood Wholesalers & Distributors	1,029	99,896	35,834	46,629
Retail	14,023	545,571	242,590	310,833

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	287,049	367,459	392,122	391,293	344,022	308,233	292,315	380,416	412,143	448,544
Finfish & other	49,292	48,904	47,141	38,552	36,833	36,695	30,367	30,177	43,816	76,765
Shellfish	237,757	318,555	344,982	352,742	307,189	271,538	261,948	350,239	368,327	371,780
American lobster	205,715	289,079	317,948	305,443	280,634	245,146	237,519	318,303	334,850	340,467
Atlantic herring	7,296	76	56	10,729	9,173	8,396	7,867	8,643	14,404	14,575
Bloodworms	5,292	7,524	6,039	5,177	6,051	5,913	6,196	5,874	5,847	4,902
Blue mussel	4,487	3,319	2,625	2,716	1,934	1,627	2,203	2,071	1,969	1,922
Cod & haddock	4,673	5,392	5,177	3,982	3,728	5,257	1,752	1,528	1,666	1,360
Goosefish	7,852	6,828	6,232	3,238	2,402	1,478	526	393	578	1,059
Ocean quahog clam	4,480	3,842	3,607	3,919	3,194	2,195	1,821	1,721	2,117	1,737
Pollock	2,206	2,346	3,106	2,309	2,160	2,321	2,047	1,503	1,929	2,521
Sea Urchins	8,569	7,866	5,142	4,741	4,367	5,410	5,866	5,490	5,113	5,024
Softshell clam	15,859	16,628	14,081	26,940	12,574	12,826	11,686	12,960	15,749	15,644

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	223,533	228,502	214,514	216,657	186,324	186,696	188,388	200,874	249,484	262,581
Finfish & other	141,621	130,368	121,278	117,637	93,742	94,641	82,505	79,373	122,944	121,104
Shellfish	81,912	98,134	93,236	99,020	92,582	92,056	105,883	121,500	126,540	141,478
American lobster	54,971	71,574	68,730	75,346	63,959	69,863	81,179	96,246	104,921	126,641
Atlantic herring	96,681	911	558	97,843	74,817	67,731	64,606	57,557	97,116	93,139
Bloodworms	594	615	456	462	549	537	574	533	526	432
Blue mussel	4,287	4,102	3,357	3,435	2,643	2,289	2,760	2,582	2,810	2,399
Cod & haddock	3,860	4,588	4,045	2,448	2,345	2,455	1,401	876	842	549
Goosefish	13,291	10,552	7,130	3,669	2,376	1,178	603	404	533	1,075
Ocean quahog clam	1,194	1,013	1,001	1,214	1,011	669	556	549	645	698
Pollock	4,085	4,189	5,260	3,678	4,245	4,064	3,040	1,640	2,325	2,659
Sea Urchins	5,963	5,742	3,517	3,372	2,761	2,900	3,487	2,592	2,407	1,904
Softshell clam	2,364	2,380	1,857	3,918	1,948	1,998	1,902	2,077	2,355	2,257

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American lobster	3.74	4.04	4.63	4.05	4.39	3.51	2.93	3.31	3.19	2.69
Atlantic herring	0.08	0.08	0.10	0.11	0.12	0.12	0.12	0.15	0.15	0.16
Bloodworms	8.91	12.24	13.24	11.20	11.02	11.01	10.79	11.03	11.12	11.35
Blue mussel	1.05	0.81	0.78	0.79	0.73	0.71	0.80	0.80	0.70	0.80
Cod & haddock	1.21	1.18	1.28	1.63	1.59	2.14	1.25	1.74	1.98	2.48
Goosefish	0.59	0.65	0.87	0.88	1.01	1.25	0.87	0.97	1.09	0.99
Ocean quahog clam	3.75	3.79	3.60	3.23	3.16	3.28	3.27	3.13	3.28	2.49
Pollock	0.54	0.56	0.59	0.63	0.51	0.57	0.67	0.92	0.83	0.95
Sea Urchins	1.44	1.37	1.46	1.41	1.58	1.87	1.68	2.12	2.12	2.64
Softshell clam	6.71	6.99	7.58	6.88	6.46	6.42	6.14	6.24	6.69	6.93

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	88	7,802	3,484	5,259
Private Boat	51	5,739	1,746	3,051
Shore	263	24,278	7,824	13,482
Total Durable Equipment Impacts	1,262	125,860	51,284	76,926
Total State Trip and Durable Equipment Economic Impacts	1,664	163,679	64,338	98,718

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	24,467
For-Hire	4,196	890	Other Equipment	5,859
Private Boat	955	4,225	Boat Expenses	71,785
Shore	15,851	2,053	Vehicle Expenses	0
<i>Total Trip Expenditures</i>	<i>21,003</i>	<i>7,168</i>	Second Home Expenses	48
			<i>Total Durable Equipment Expenditures</i>	<i>102,159</i>
Total State Trip and Durable Equipment Expenditures				130,330

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	165	113	190	182	174	121	117	122	85	116
Non-Coastal	23	21	20	22	13	9	12	9	7	6
Out of State	170	148	173	285	260	180	324	159	107	126
Total Anglers	358	282	383	489	447	310	453	290	198	248

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	14	20	40	31	33	25	26	23	22	20
Private	410	337	519	548	460	408	334	327	265	212
Shore	495	421	524	497	531	421	544	366	240	405
Total Trips	919	778	1,083	1,076	1,024	854	904	716	527	637

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American Shad	H	(1)	(1)	(1)	1	(1)	(1)	1	(1)	(1)	(1)
	R	1	2	(1)	7	4	5	18	9	5	18
Atlantic cod	H	11	5	29	14	19	41	45	15	40	26
	R	26	19	35	49	72	50	36	45	100	80
Atlantic mackerel	H	616	1,023	607	450	806	837	1,110	1,093	1,544	1,028
	R	106	87	29	104	80	265	194	178	304	163
Blue shark	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	9	2
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	14	16	38	8	50	30	3	14	(1)	4
	R	23	42	49	50	74	55	26	9	8	126
Haddock	H	1	4	6	9	12	20	10	4	12	4
	R	4	2	2	4	11	2	1	4	4	8
Pollock	H	10	59	28	67	51	67	62	58	57	50
	R	18	56	32	23	24	135	34	105	135	89
Striped bass	H	57	48	83	75	53	59	62	18	18	11
	R	847	694	2,985	4,001	1,116	465	264	193	143	214
Winter flounder	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	1	(1)	(1)	1	(1)	1	5	(1)	(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
2003	40,701 (0.6%)	488,973 (0.4%)	14,791 (0.4%)	24,648 (0.4%)	41,510 (0.4%)	9.87
2011	40,112 (0.5%)	479,728 (0.4%)	17,764 (0.3%)	30,161 (0.4%)	52,489 (0.4%)	14.5
%change	-1.45%	-1.89%	20.10%	22.37%	26.45%	46.6 %

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	62	57	52	54	65	64	63	59	51
	Receipts	4,699	5,642	5,082	6,463	7,177	4,261	6,642	4,480	3,077
Seafood sales, retail	Firms	60	55	51	45	55	46	46	47	48
	Receipts	8,365	8,621	7,331	7,115	5,905	4,035	3,212	5,835	4,608

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	35	28	27	27	27	29	25	27	28
	Employees	656	576	614	616	536	490	545	594	500
	Payroll	13,999	19,767	12,349	12,304	9,351	9,288	10,427	12,851	10,353
Seafood Sales, wholesale	Establishments	181	177	177	167	170	168	164	164	152
	Employees	985	1,048	1,152	996	1,015	1,210	1,126	1,153	1,109
	Payroll	29,643	30,108	30,513	32,192	32,005	36,185	37,687	39,915	38,412
Seafood sales, retail	Establishments	51	50	49	55	50	45	49	51	51
	Employees	181	189	184	179	181	148	152	176	177
	Payroll	4,663	5,112	4,678	4,753	4,635	4,148	4,481	5,126	5,108

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	5	4	3	3	3	5	4	4	4
	Employees	ND	ND	ND	ND	ND	ND	22	28	ND
	Payroll	ND	ND	ND	ND	ND	1,058	1,037	1,067	1,105
Deep sea freight transportation	Establishments	2	2	1	1	NA	1	1	1	NA
	Employees	ND	ND	ND	ND	NA	ND	ND	ND	NA
	Payroll	ND	ND	ND	ND	NA	ND	ND	ND	NA
Deep sea passenger transportation	Establishments	1	1	1	1	2	1	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Marinas	Establishments	79	84	84	84	86	87	89	86	84
	Employees	416	406	411	417	464	411	376	395	349
	Payroll	12,853	13,369	14,215	15,353	18,600	15,206	14,654	14,699	15,426
Marine cargo handling	Establishments	4	4	3	3	3	3	3	2	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Navigational services to shipping	Establishments	17	16	16	12	15	15	14	13	13
	Employees	106	91	88	93	105	138	93	68	63
	Payroll	5,521	4,927	5,890	6,260	6,737	6,148	5,369	4,928	4,776
Port & harbor operations	Establishments	1	1	1	1	2	2	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ship & boat building	Establishments	91	86	92	89	94	90	82	75	76
	Employees	7,630	7,753	ND	6,808	6,751	6,930	ND	ND	ND
	Payroll	332,332	328,179	ND	320,288	345,036	354,899	ND	ND	ND

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

ND- these data are confidential and therefore not available

NA- these data are not available

2012 Economic Impacts of the Massachusetts Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	107,064	8,483,740	2,223,411	3,381,475
Commercial Harvesters	14,433	1,129,399	363,207	530,658
Seafood Processors & Dealers	8,288	1,069,872	407,899	530,340
Importers	16,095	4,427,288	709,557	1,349,631
Seafood Wholesalers & Distributors	3,367	541,742	177,032	240,206
Retail	64,882	1,315,439	565,716	730,640

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	292,602	325,937	427,332	586,320	420,004	399,822	400,473	478,801	571,599	618,247
Finfish & other	116,767	109,163	117,003	252,456	109,370	121,913	114,361	126,594	132,685	128,232
Shellfish	175,835	216,774	310,330	333,863	310,634	277,909	286,112	352,206	438,915	490,016
American lobster	52,329	51,581	49,563	55,901	51,258	45,418	42,731	50,389	53,367	53,346
Atlantic herring	5,461	4	69	149,733	8,265	11,342	15,062	10,251	8,717	11,697
Atlantic mackerel	1,888	6,542	ND ¹	10,320	4,736	4,265	4,528	1,487	137	654
Clams, all other	823	4,721	19,010	14,045	15,680	15,255	16,745	17,966	19,157	37,296
Cod & haddock	36,668	31,452	31,954	25,397	32,043	38,696	33,684	45,210	43,397	26,101
Eastern oyster	ND ¹	24	2,738	4,864	4,559	5,496	6,432	8,225	9,079	12,069
Flounders	32,995	29,897	28,815	24,569	22,095	20,924	19,645	19,975	22,025	26,211
Goosefish	15,585	15,675	21,485	17,712	14,380	14,035	9,902	9,922	13,431	13,596
Ocean quahog clam	7,325	6,919	ND ¹	8,297	10,100	9,575	10,710	8,981	7,995	ND ¹
Sea scallop	106,938	144,748	226,949	234,796	218,292	189,891	197,280	252,292	330,959	364,896

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	295,439	337,603	337,304	396,910	304,774	326,632	356,105	283,046	264,533	297,561
Finfish & other	231,978	267,342	267,311	304,970	227,566	256,000	279,330	201,165	179,661	195,472
Shellfish	63,461	70,261	69,993	91,940	77,208	70,633	76,775	81,881	84,872	102,089
American lobster	11,385	11,295	9,880	12,100	10,145	10,600	11,782	12,773	13,386	14,483
Atlantic herring	79,873	40	700	119,547	73,268	94,266	133,531	71,922	66,495	81,781
Atlantic mackerel	23,451	72,687	ND ¹	89,535	46,240	35,406	30,199	12,156	515	4,131
Clams, all other	1,045	6,315	19,881	7,071	4,135	4,376	6,552	10,242	13,352	35,054
Cod & haddock	32,013	26,926	24,539	15,833	20,298	28,537	28,515	36,461	27,164	13,164
Eastern oyster	ND ¹	9	105	87	123	138	159	215	231	310
Flounders	29,418	30,704	22,115	13,170	10,977	11,609	12,405	11,158	13,692	15,404
Goosefish	23,979	22,357	21,849	17,495	13,597	12,680	10,015	8,887	10,143	11,583
Ocean quahog clam	14,226	14,085	ND ¹	16,830	20,158	18,126	18,691	15,646	12,479	ND ¹
Sea scallop	25,371	27,944	29,045	36,666	32,540	27,011	29,782	31,160	33,093	36,728

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American lobster	4.60	4.57	5.02	4.62	5.05	4.28	3.63	3.94	3.99	3.68
Atlantic herring	0.07	0.09	0.10	1.25	0.11	0.12	0.11	0.14	0.13	0.14
Atlantic mackerel	0.08	0.09	ND ¹	0.12	0.10	0.12	0.15	0.12	0.27	0.16
Clams, all other	0.79	0.75	0.96	1.99	3.79	3.49	2.56	1.75	1.43	1.06
Cod & haddock	1.15	1.17	1.30	1.60	1.58	1.36	1.18	1.24	1.60	1.98
Eastern oyster	ND ¹	2.74	26.09	56.10	37.00	39.77	40.36	38.30	39.25	38.96
Flounders	1.12	0.97	1.30	1.87	2.01	1.80	1.58	1.79	1.61	1.70
Goosefish	0.65	0.70	0.98	1.01	1.06	1.11	0.99	1.12	1.32	1.17
Ocean quahog clam	0.51	0.49	ND ¹	0.49	0.50	0.53	0.57	0.57	0.64	ND ¹
Sea scallop	4.21	5.18	7.81	6.40	6.71	7.03	6.62	8.10	10.00	9.94

¹ND = these data are confidential thus not disclosable

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	764	89,148	42,839	62,902
Private Boat	695	100,605	37,140	61,604
Shore	767	96,697	35,205	57,033
Total Durable Equipment Impacts	4,716	561,589	254,811	392,274
Total State Trip and Durable Equipment Economic Impacts	6,942	848,039	369,995	573,813

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	142,300
For-Hire	37,997	16,229	Other Equipment	38,647
Private Boat	18,408	70,231	Boat Expenses	268,579
Shore	34,964	31,586	Vehicle Expenses	107,225
<i>Total Trip Expenditures</i>	<i>91,369</i>	<i>118,047</i>	Second Home Expenses	2,045
			<i>Total Durable Equipment Expenditures</i>	<i>558,795</i>
Total State Trip and Durable Equipment Expenditures				768,211

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	434	535	585	623	664	655	489	586	490	502
Non-Coastal	112	131	135	151	179	170	144	152	115	130
Out of State	306	335	391	484	465	469	421	433	293	309
Total Anglers	852	1,000	1,112	1,258	1,309	1,293	1,054	1,171	897	941

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	145	210	236	231	233	255	240	154	189	204
Private	2,329	2,273	2,336	2,411	2,440	2,338	1,760	2,148	1,319	1,471
Shore	1,611	1,968	1,739	1,938	1,947	1,929	1,451	1,186	1,305	1,151
Total Trips	4,085	4,451	4,311	4,580	4,620	4,522	3,451	3,488	2,813	2,826

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Atlantic bonito	H	11	5	30	13	4	7	4	1	5	5
	R	(1)	2	9	38	12	9	1	3	(1)	(1)
Atlantic cod	H	582	349	387	119	232	260	213	412	360	229
	R	938	658	932	423	658	671	581	884	542	240
Atlantic mackerel	H	1,313	479	1,926	3,603	951	2,024	471	2,083	1,649	1,133
	R	45	77	17	423	27	152	68	185	43	160
Bluefish	H	374	355	549	652	683	519	344	474	225	336
	R	1,019	1,294	1,813	1,843	1,240	1,302	953	1,029	598	714
Haddock	H	76	127	247	121	293	233	155	144	52	90
	R	130	56	62	63	56	158	36	33	12	68
Porgies (scup)	H	1,625	3,313	657	424	1,770	762	1,069	925	786	1,587
	R	1,221	1,486	751	1,096	1,183	1,688	1,741	1,858	1,174	1,805
Striped bass	H	407	446	341	314	316	378	345	340	256	379
	R	4,362	4,980	3,989	7,810	5,331	3,649	2,282	1,671	972	990
Summer flounder	H	177	225	267	239	138	233	50	45	58	76
	R	245	348	358	610	135	273	96	215	183	250
Winter flounder	H	44	45	38	43	41	169	87	86	69	46
	R	31	15	41	21	19	62	84	68	58	18
Wrasses (tautog)	H	47	22	72	80	91	34	25	45	33	25
	R	189	67	126	332	414	78	96	118	210	96

²In 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
2003	178,675 (2.5%)	2,974,779 (2.6%)	127,100 (3.1%)	182,985 (2.9%)	297,692 (2.7%)	8.98
2011	169,146 (2.3%)	2,960,712 (2.6%)	165,193 (3.2%)	239,177 (2.9%)	388,575 (2.6%)	ND
%change	-5.33%	-0.47%	29.97%	30.71%	30.53%	NA

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	23	25	28	36	24	26	22	27	36
	Receipts	676	2,284	2,266	2,525	908	1,250	1,944	2,082	2,433
Seafood sales, retail	Firms	59	64	59	62	57	64	62	61	66
	Receipts	5,409	5,933	5,528	4,905	4,421	7,982	6,889	6,287	7,640

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	55	53	50	47	52	44	44	44	44
	Employees	2,717	2,743	2,671	2,607	2,684	2,355	2,396	2,159	2,214
	Payroll	110,917	112,642	115,704	120,912	113,580	109,747	119,282	107,635	112,399
Seafood Sales, wholesale	Establishments	163	148	151	139	160	141	144	149	141
	Employees	1,880	1,890	1,836	1,706	1,803	1,442	1,542	1,591	2,013
	Payroll	74,431	75,689	76,070	77,106	81,863	68,898	70,864	83,467	94,105
Seafood sales, retail	Establishments	124	128	116	115	126	118	115	112	106
	Employees	720	686	677	692	737	549	542	584	576
	Payroll	17,760	17,454	17,725	18,165	19,267	15,017	15,261	16,495	16,037

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	13	13	10	12	14	14	12	12	10
	Employees	ND	688	ND	623	283	169	166	ND	ND
	Payroll	ND	36,533	ND	38,421	18,620	11,701	10,011	ND	ND
Deep sea freight transportation	Establishments	10	10	10	11	12	8	10	8	7
	Employees	ND	ND	ND	509	ND	361	ND	313	381
	Payroll	ND	ND	ND	38,982	ND	38,908	35,473	36,069	38,797
Deep sea passenger transportation	Establishments	1	1	4	4	1	NA	1	NA	NA
	Employees	ND	ND	ND	ND	ND	NA	ND	NA	NA
	Payroll	ND	ND	ND	ND	ND	NA	ND	NA	NA
Marinas	Establishments	145	135	139	141	173	175	177	175	176
	Employees	969	989	973	1,064	1,154	1,138	1,188	1,150	1,125
	Payroll	40,700	41,474	43,103	45,894	51,705	53,694	56,663	57,002	58,251
Marine cargo handling	Establishments	6	6	5	4	5	3	2	2	2
	Employees	ND	ND	ND	ND	69	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	2,867	2,271	ND	ND	ND
Navigational services to shipping	Establishments	5	7	6	11	9	8	11	9	9
	Employees	ND	ND	ND	ND	65	75	71	150	139
	Payroll	ND	ND	ND	ND	4,540	4,355	4,342	9,413	6,980
Port & harbor operations	Establishments	3	3	3	4	3	4	4	8	6
	Employees	ND	ND	ND	ND	69	63	66	86	95
	Payroll	ND	ND	ND	ND	647	1,289	1,323	2,662	3,035
Ship & boat building	Establishments	53	55	50	47	49	43	38	37	37
	Employees	ND	ND	588	ND	588	603	579	535	445
	Payroll	ND	ND	20,050	ND	26,445	28,402	20,685	20,196	22,066

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

ND- these data are confidential and therefore not available

NA- these data are not available

2012 Economic Impacts of the New Hampshire Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	4,971	609,187	147,640	232,000
Commercial Harvesters	682	40,648	11,488	17,841
Seafood Processors & Dealers	512	55,586	21,842	28,164
Importers	1,407	387,099	62,040	118,005
Seafood Wholesalers & Distributors	287	37,173	13,104	17,244
Retail	2,082	88,681	39,166	50,746

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	15,127	17,214	22,084	18,970	17,021	17,471	17,754	20,599	23,483	23,176
Finfish & other	5,748	6,449	6,840	5,122	4,151	4,824	5,569	5,122	6,147	5,553
Shellfish	9,380	10,765	15,244	13,848	12,870	12,647	12,186	15,477	17,336	17,622
American lobster	ND ¹	10,199	14,377	12,582	12,517	12,267	11,919	14,836	16,343	17,130
Atlantic cod	1,853	2,244	1,913	1,732	1,972	2,311	2,587	2,187	2,500	1,741
Atlantic herring	1,170	3	ND ¹	3	147	134	271	375	208	353
Goosefish	1,097	1,456	1,484	783	375	290	280	212	207	153
Haddock	144	157	136	128	123	89	68	29	35	95
Hake	303	200	279	165	244	167	215	237	445	474
Pollock	589	569	1,138	1,502	902	1,093	1,283	839	1,355	1,199
Sea scallop	375	276	527	126	30	16	4	3	26	143
Shrimp	212	222	340	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Spiny dogfish	27	0	ND ¹	76	ND ¹	419	557	293	451	427

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	27,435	23,796	21,281	10,295	8,430	10,464	13,886	11,809	12,315	12,138
Finfish & other	24,747	21,074	18,081	7,463	5,174	7,180	10,093	7,026	7,144	7,549
Shellfish	2,688	2,722	3,200	2,832	3,256	3,284	3,793	4,783	5,171	4,590
American lobster	ND ¹	2,097	2,556	2,357	2,469	2,567	2,985	3,648	3,919	4,216
Atlantic cod	1,458	1,633	1,293	1,024	1,168	1,479	1,984	1,227	1,286	725
Atlantic herring	18,933	32	ND ¹	22	936	1,198	3,120	2,830	1,514	2,391
Goosefish	1,629	1,640	1,226	621	325	250	250	172	153	126
Haddock	108	123	99	73	61	53	45	18	19	45
Hake	729	405	372	157	313	222	423	322	587	1,135
Pollock	1,109	1,202	1,997	2,566	2,025	2,456	2,017	1,042	1,732	1,037
Sea scallop	100	44	76	21	4	2	1	0	3	12
Shrimp	223	432	567	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Spiny dogfish	175	0	ND ¹	242	ND ¹	1,370	2,073	1,214	1,646	1,805

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
American lobster	ND ¹	4.86	5.62	5.34	5.07	4.78	3.99	4.07	4.17	4.06
Atlantic cod	1.27	1.37	1.48	1.69	1.69	1.56	1.30	1.78	1.94	2.40
Atlantic herring	0.06	0.10	ND ¹	0.12	0.16	0.11	0.09	0.13	0.14	0.15
Goosefish	0.67	0.89	1.21	1.26	1.15	1.16	1.12	1.23	1.36	1.21
Haddock	1.33	1.27	1.38	1.76	2.01	1.70	1.52	1.57	1.91	2.12
Hake	0.41	0.49	0.75	1.05	0.78	0.75	0.51	0.74	0.76	0.42
Pollock	0.53	0.47	0.57	0.59	0.45	0.45	0.64	0.81	0.78	1.16
Sea scallop	3.76	6.22	6.89	5.92	8.26	7.68	7.22	8.84	10.35	11.68
Shrimp	0.95	0.51	0.60	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹
Spiny dogfish	0.16	0.18	ND ¹	0.32	ND ¹	0.31	0.27	0.24	0.27	0.24

¹ND = these data are confidential thus not disclosable

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	98	10,631	5,129	7,582
Private Boat	54	7,071	2,565	4,393
Shore	24	2,378	809	1,356
Total Durable Equipment Impacts	266	27,846	11,817	18,573
Total State Trip and Durable Equipment Economic Impacts	442	47,926	20,320	31,904

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	9,844
For-Hire	4,439	2,473	Other Equipment	2,601
Private Boat	742	5,904	Boat Expenses	9,420
Shore	1,245	597	Vehicle Expenses	6,405
<i>Total Trip Expenditures</i>	<i>6,427</i>	<i>8,974</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>28,270</i>
Total State Trip and Durable Equipment Expenditures				43,671

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	91	81	105	90	97	63	67	46	56	58
Non-Coastal	16	13	14	15	13	8	9	7	10	9
Out of State	75	69	84	82	63	46	58	33	30	54
Total Anglers	182	163	203	187	172	118	134	86	96	121

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	35	28	53	92	114	90	98	62	71	55
Private	230	154	238	182	233	139	147	90	178	163
Shore	150	161	214	227	155	103	155	92	48	81
Total Trips	415	343	505	501	502	332	400	244	297	299

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
	H	(1)	1	(1)	(1)	3	(1)	(1)	(1)	(1)	(1)
	R	1	2	2	9	1	2	(1)	1	(1)	1
Atlantic cod	H	108	66	68	66	53	81	128	80	128	64
	R	207	96	138	248	234	232	209	130	259	150
Atlantic mackerel	H	409	71	407	115	128	496	882	295	2,143	1,116
	R	61	10	16	32	9	36	82	18	189	160
Bluefin tuna	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2	(1)
Bluefish	H	8	15	21	9	34	6	(1)	2	2	9
	R	17	9	49	24	18	3	2	(1)	1	4
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	44	68	102	167	97	90	100	48	76	74
	R	128	22	38	109	43	18	28	11	20	114
Pollock	H	62	57	60	77	70	52	39	52	100	65
	R	42	35	35	46	17	20	49	75	105	147
Striped bass	H	25	8	25	13	7	6	9	6	32	14
	R	260	226	573	461	257	78	58	51	98	64
Winter flounder	H	6	2	1	7	10	10	10	2	12	(1)
	R	2	2	1	3	7	6	5	5	2	1

²In 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
2003	38,294 (0.5%)	540,306 (0.5%)	18,846 (0.5%)	28,546 (0.4%)	48,768 (0.4%)	ND
2011	37,031 (0.5%)	554,001 (0.5%)	24,370 (0.5%)	36,561 (0.4%)	63,333 (0.4%)	ND
%change	-3.30%	2.53%	29.31%	28.08%	29.87%	NA

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	7	4	4	4	5	ND	ND	3	7
	Receipts	1,205	1,147	842	1,087	927	ND	ND	687	856
Seafood sales, retail	Firms	14	15	11	10	11	17	14	11	11
	Receipts	960	1,438	1,330	1,496	1,540	1,894	1,858	1,502	2,152

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	11	10	10	10	7	7	8	8	8
	Employees	322	448	418	ND	ND	ND	115	292	231
	Payroll	13,676	18,886	16,275	ND	ND	ND	3,234	10,971	12,010
Seafood Sales, wholesale	Establishments	11	12	10	9	8	8	8	8	7
	Employees	ND	82	ND	ND	92	101	88	80	84
	Payroll	ND	2,511	ND	ND	3,360	4,142	4,268	4,171	4,123
Seafood sales, retail	Establishments	12	12	12	15	15	14	14	12	16
	Employees	ND	ND	79	78	93	83	95	102	88
	Payroll	ND	ND	2,053	2,201	2,077	2,011	2,299	2,296	1,934

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	NA	NA	1	1	1	NA	NA	NA	NA
	Employees	NA	NA	ND	ND	ND	NA	NA	NA	NA
	Payroll	NA	NA	ND	ND	ND	NA	NA	NA	NA
Deep sea freight transportation	Establishments	1	1	2	2	1	1	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Deep sea passenger transportation	Establishments	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Employees	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Payroll	NA	NA	NA	NA	NA	NA	NA	NA	NA
Marinas	Establishments	40	40	38	35	35	37	37	35	34
	Employees	196	226	194	ND	171	173	146	135	139
	Payroll	9,043	9,315	8,871	ND	7,774	8,114	7,022	6,920	7,090
Marine cargo handling	Establishments	NA	NA	NA	NA	1	NA	NA	NA	NA
	Employees	NA	NA	NA	NA	ND	NA	NA	NA	NA
	Payroll	NA	NA	NA	NA	ND	NA	NA	NA	NA
Navigational services to shipping	Establishments	3	3	4	4	2	2	2	2	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Port & harbor operations	Establishments	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Employees	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Payroll	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ship & boat building	Establishments	10	8	6	6	8	9	8	7	7
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

ND- these data are confidential and therefore not available

NA- these data are not available

2012 Economic Impacts of the Rhode Island Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	10,509	1,224,565	295,885	468,920
Commercial Harvesters	2,197	139,410	42,190	65,722
Seafood Processors & Dealers	520	54,866	21,261	27,628
Importers	2,793	768,281	123,132	234,206
Seafood Wholesalers & Distributors	575	70,189	24,870	32,724
Retail	4,423	191,819	84,433	108,640

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total revenue	66,088	77,565	91,408	99,365	72,282	66,085	61,657	62,701	75,540	80,787
Finfish & other	24,408	25,821	24,672	29,680	24,839	22,792	23,421	23,002	24,544	28,413
Shellfish	41,679	51,744	66,736	69,685	47,443	43,293	38,236	39,698	50,995	52,374
All other flounders	2,728	2,136	1,734	3,503	3,585	2,171	1,455	593	806	1,024
American lobster	16,731	14,624	23,009	17,333	12,151	12,976	11,264	12,404	12,765	12,033
Atlantic herring	1,195	1,187	1,075	2,947	982	631	1,260	1,385	981	1,987
Atlantic mackerel	2,385	3,815	2,888	4,138	1,182	882	3,301	1,886	73	2,798
Goosefish	4,813	3,421	4,549	4,525	3,540	3,590	3,022	2,973	4,600	3,844
Quahog clam	6,370	5,868	3,438	3,529	4,010	3,273	2,849	3,293	3,920	5,169
Scups or porgies	2,098	1,990	2,319	2,927	2,767	2,324	2,640	2,833	3,312	3,904
Sea scallop	279	1,512	13,268	20,822	8,963	2,170	2,342	2,156	6,834	9,191
Squid	14,319	25,133	16,973	22,601	15,339	17,687	15,249	12,590	20,380	18,682
Summer flounder	4,060	5,309	5,866	5,093	4,346	4,485	4,502	5,534	6,408	6,937

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total landings	97,456	115,037	97,565	113,025	75,271	72,027	84,041	77,538	76,706	83,290
Finfish & other	62,340	62,169	47,820	60,867	40,940	34,570	46,549	42,395	40,208	50,917
Shellfish	35,116	52,868	49,745	52,158	34,331	37,458	37,492	35,143	36,498	32,373
All other flounders	2,428	2,360	1,315	1,850	1,871	1,144	1,027	358	615	663
American lobster	3,475	3,064	4,344	3,752	2,293	2,772	2,840	2,929	2,754	2,689
Atlantic herring	13,440	13,491	11,605	23,150	7,537	4,504	9,528	8,279	6,717	11,968
Atlantic mackerel	10,768	15,269	8,075	10,143	4,242	2,385	9,057	4,356	132	5,467
Goosefish	6,830	4,288	4,143	3,864	3,209	3,225	2,841	2,556	3,242	2,873
Quahog clam	1,131	1,080	642	385	610	556	511	599	666	903
Scups or porgies	3,814	3,425	3,424	3,643	3,932	2,151	3,619	4,299	6,335	6,309
Sea scallop	76	249	1,612	3,283	1,357	310	356	267	690	944
Squid	25,862	43,697	22,135	39,617	23,718	26,417	26,452	19,799	25,996	23,518
Summer flounder	2,178	3,085	2,925	2,123	1,516	1,473	1,794	2,289	2,824	2,409

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All other flounders	1.12	0.90	1.32	1.89	1.92	1.90	1.42	1.66	1.31	1.54
American lobster	4.82	4.77	5.30	4.62	5.30	4.68	3.97	4.24	4.64	4.48
Atlantic herring	0.09	0.09	0.09	0.13	0.13	0.14	0.13	0.17	0.15	0.17
Atlantic mackerel	0.22	0.25	0.36	0.41	0.28	0.37	0.36	0.43	0.55	0.51
Goosefish	0.70	0.80	1.10	1.17	1.10	1.11	1.06	1.16	1.42	1.34
Quahog clam	5.63	5.43	5.35	9.16	6.57	5.88	5.58	5.50	5.89	5.72
Scups or porgies	0.55	0.58	0.68	0.80	0.70	1.08	0.73	0.66	0.52	0.62
Sea scallop	3.67	6.07	8.23	6.34	6.61	7.00	6.58	8.07	9.90	9.73
Squid	0.55	0.58	0.77	0.57	0.65	0.67	0.58	0.64	0.78	0.79
Summer flounder	1.86	1.72	2.01	2.40	2.87	3.04	2.51	2.42	2.27	2.88

2012 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	118	11,640	5,616	8,205
Private Boat	158	18,144	6,384	10,702
Shore	79	8,965	3,198	5,301
Total Durable Equipment Impacts	1,439	153,618	60,175	97,022
Total State Trip and Durable Equipment Economic Impacts	1,794	192,367	75,373	121,230

2012 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	55,163
For-Hire	6,601	692	Other Equipment	3,966
Private Boat	5,452	11,348	Boat Expenses	69,432
Shore	4,070	4,412	Vehicle Expenses	3,983
<i>Total Trip Expenditures</i>	16,123	16,451	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	132,544
Total State Trip and Durable Equipment Expenditures				165,118

Recreational Anglers by Residential Area (thousands of anglers)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal	147	129	145	177	171	169	111	161	105	99
Non-Coastal ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out of State	253	237	241	291	229	297	209	225	190	169
Total Anglers	400	366	386	468	401	465	320	387	296	268

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
For-Hire	60	44	54	53	74	67	56	41	39	40
Private	582	650	793	642	590	716	423	531	536	461
Shore	952	812	757	874	759	673	507	667	539	575
Total Trips	1,594	1,506	1,604	1,569	1,423	1,456	986	1,239	1,114	1,076

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Atlantic bonito	H	2	3	1	(1)	5	(1)	(1)	(1)	(1)	(1)
	R	4	8	(1)	(1)	4	1	(1)	(1)	(1)	(1)
Atlantic cod	H	1	1	1	4	1	2	4	2	4	16
	R	5	2	3	2	(1)	1	7	12	14	1
Black seabass	H	70	27	86	41	44	52	36	161	50	102
	R	204	23	64	161	117	128	133	212	221	767
Bluefish	H	334	257	345	471	295	282	64	103	124	673
	R	932	801	526	555	686	491	160	93	327	427
Porgies (scup)	H	1,027	817	430	470	353	633	140	398	568	497
	R	805	518	690	802	613	1,386	332	536	663	675
Striped bass	H	116	84	110	76	102	51	71	70	89	62
	R	449	526	634	835	678	417	399	183	215	247
Summer flounder	H	205	249	165	264	176	204	72	118	162	103
	R	351	278	280	1,129	612	848	383	230	724	381
Winter flounder	H	8	7	(1)	(1)	1	1	4	2	(1)	(1)
	R	1	5	(1)	(1)	3	1	1	1	(1)	2
Wrasses (tautog)	H	120	125	161	81	125	103	86	197	20	104
	R	197	222	319	198	267	187	188	187	138	214
Yellowfin tuna	H	2	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	11	(1)	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)

¹Data is not available because all Rhode Island residents are considered coastal county residents.²In 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
2003	29,333 (0.4%)	427,455 (0.4%)	14,538 (0.4%)	23,046 (0.4%)	40,664 (0.4%)	3.19
2011	28,181 (0.4%)	406,222 (0.4%)	17,275 (0.3%)	27,850 (0.3%)	49,423 (0.3%)	2.33
%change	-3.93%	-4.97%	18.83%	20.85%	21.54%	-27 %

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Firms	ND	ND	6	8	8	7	9	6	9
	Receipts	ND	ND	2,024	1,662	2,291	1,376	1,045	907	1,168
Seafood sales, retail	Firms	16	14	16	24	23	19	16	17	25
	Receipts	2,227	2,186	2,215	3,266	3,536	2,748	2,821	2,769	3,033

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Seafood product prep. & packaging	Establishments	7	7	7	7	6	8	7	5	4
	Employees	355	355	270	231	196	270	275	193	178
	Payroll	10,381	10,867	5,549	6,137	6,876	6,354	5,821	6,096	5,544
Seafood Sales, wholesale	Establishments	38	35	32	36	35	29	34	32	34
	Employees	394	259	206	188	224	226	202	204	230
	Payroll	15,724	12,269	9,851	10,209	11,447	10,505	9,534	9,815	10,264
Seafood sales, retail	Establishments	29	34	31	28	27	23	24	26	23
	Employees	162	163	140	ND	109	94	127	113	109
	Payroll	2,870	2,707	2,447	ND	2,207	2,027	2,398	2,309	2,232

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

		2003	2004	2005	2006	2007	2008	2009	2010	2011
Coastal & Great Lakes freight transportation	Establishments	1	1	1	1	1	2	1	1	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Deep sea freight transportation	Establishments	1	2	2	2	2	2	2	2	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Deep sea passenger transportation	Establishments	3	NA	NA	NA	1	1	1	1	1
	Employees	ND	NA	NA	NA	ND	ND	ND	ND	ND
	Payroll	ND	NA	NA	NA	ND	ND	ND	ND	ND
Marinas	Establishments	61	60	66	63	68	73	70	72	71
	Employees	405	475	408	457	463	476	459	428	460
	Payroll	14,456	15,111	15,843	18,748	22,029	23,204	21,372	22,227	22,618
Marine cargo handling	Establishments	1	1	1	2	2	5	5	5	5
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Navigational services to shipping	Establishments	8	8	8	7	7	8	8	8	8
	Employees	46	ND	ND	ND	ND	ND	ND	ND	107
	Payroll	2,585	ND	ND	ND	ND	5,904	3,728	3,955	4,002
Port & harbor operations	Establishments	2	2	2	2	2	2	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ship & boat building	Establishments	37	38	36	38	37	39	33	29	30
	Employees	ND	ND	ND	1,325	1,374	1,342	1,085	954	916
	Payroll	ND	ND	ND	52,682	55,788	54,225	41,246	40,004	33,316

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

ND- these data are confidential and therefore not available

NA- these data are not available