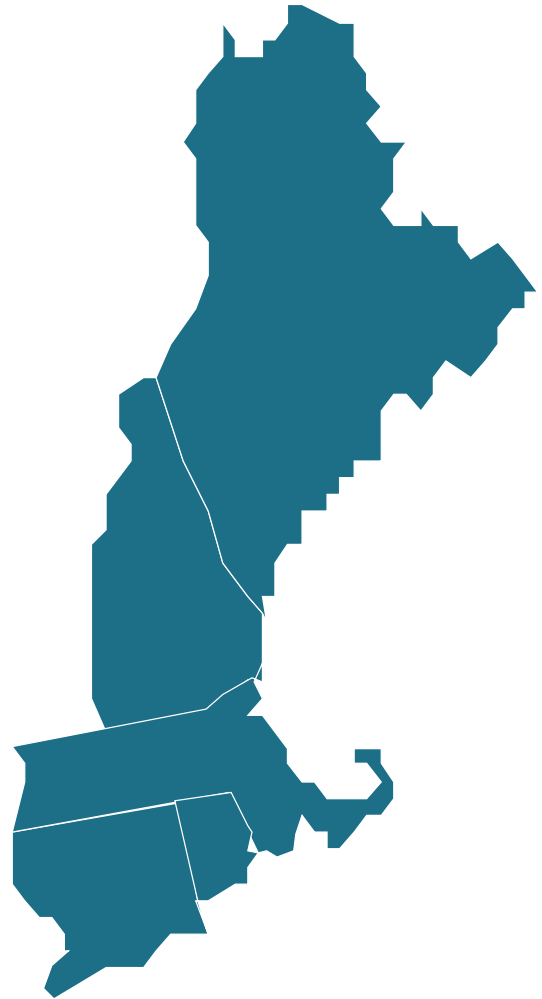


New England

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



Management Context

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

New England Region FMPs

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

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

Commercial Fisheries

In 2009, commercial fishermen in the New England Region landed 647 million pounds of finfish and shellfish, earning \$782 million in landings revenue. Landings revenue was dominated by American lobster (\$298 million) and sea scallop (\$210 million). These species groups commanded ex-vessel prices of \$3.08 and \$6.63 per pound, respectively and comprised 65% of total landings revenue, but only 20% of total landings in the New England Region.

Massachusetts had the highest landings revenue in the region with \$400 million in 2009, followed by Maine (\$286 million) and Rhode Island (\$62 million). In terms of pounds landed, Massachusetts also contributed the most (356 million pounds), followed by Maine (185 million pounds) and Rhode Island (84 million pounds).

Economic Impacts¹

In 2009, the New England Region's seafood industry generated \$621 million in sales impacts in Connecticut, \$1.2 billion in sales

impacts in Maine, \$6.7 billion in sales impacts in Massachusetts, \$651 million in sales impacts in New Hampshire, and \$906 million in sales impacts in Rhode Island. Massachusetts generated the largest impacts across the three other impact categories, generating 78,000 job, \$1.7 billion in income, and \$2.6 billion in value added impacts. The smallest income impacts were generated in Connecticut (\$130 million) and the smallest employment impacts were also generated in Connecticut (3,800 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 46,000 employment impacts in Massachusetts and 9,000 employment impacts in Maine. The harvest sector in Maine generated 9,500 employment impacts. More sales impacts were generated by importers in Massachusetts than any other sector in any another state in the region at \$3.8 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 \$782 million in 2009. This was a 14% increase (a 2.8% decrease in real terms) from 2000 levels (\$688 million) and a 3.6% decrease (a 3.3% decrease in real terms) relative to 2008 (\$811 million). Totaling \$604 million in 2009, shellfish revenue experienced a 29% increase (a 10% increase in real terms) from 2000 to 2009 and experienced a 2.7% decrease (2.4% decrease in real terms) from 2008 to 2009.

In the New England Region, Massachusetts had the highest finfish landings revenue (\$115 million) followed by Maine (\$30 million), and Rhode Island (\$23 million). Shellfish landings revenue was also dominated by Massachusetts, which contributed the most (\$285 million) followed by Maine (\$255 million), and Rhode Island (\$38 million).

American lobster and sea scallop had the highest landings revenue in the New England Region in 2009, with \$298 million and \$210 million, respectively. Together they accounted for 65% of total landings revenue in 2009. Between 2000 and 2009, the landings revenue from these species experienced a 0.1% decrease for American lobster and 122% increase for sea scallop.

From 2000 to 2009, species or species groups with large changes in landings revenue include Atlantic mackerel (increased 1131%), Atlantic herring (increased 156%), and bluefin tuna (decreased 74%). Species or species groups with large changes in landings revenue between 2008 and 2009 include squid (167% increase), Atlantic mackerel (84% increase), and bluefin tuna (54% increase).

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)

Landings

Fishermen in the New England Region landed 647 million pounds of finfish and shellfish in 2009. This was a 12% increase from the 576 million pounds landed in 2000 and a 7.6% increase from the 601 million landed in 2008. Finfish landings contributed 66% of total landings in the New England Region (428 million pounds) in 2009. From 2008 to 2009, finfish landings experienced a 8.4% increase. Shellfish landings experienced a 6.2% increase from 206 million pounds in 2008 to 219 million in 2009 and a 13% increase from 193 million pounds in 2000.

Commercial Fisheries Facts

Landings revenue

- On average, between 2000 and 2009, the key species or species groups accounted for 84% of total revenue, generating \$669 million in the New England Region.
- American lobster had higher landings revenues than any other species or species group, averaging \$323 million in landings revenue from 2000 to 2009.
- Atlantic mackerel had the largest annual increase in landings revenue over the 10 year time period, increasing 764% from \$437,000 in 2001 to \$3.8 million in 2002.
- Squid had the largest annual decrease in landings revenue over the 10 year time period, decreasing 88% from \$20 million in 2006 to \$2.4 million in 2007.

Landings

- Key species or species groups contributed an average of 72% annually to total landings between 2000 and 2009.
- Atlantic herring, contributed the most to landings in the region, averaging 185 million pounds from 2000 to 2009.
- Atlantic mackerel had the largest annual increase in landings over the 10 year time period, increasing 1575% from 1.6 million in 2001 pounds to 27 million pounds in 2002.
- Atlantic mackerel had the largest annual decrease in landings over the 10 year time period, decreasing 91% from 88 million pounds in 2004 to 8.2 million pounds in 2005.

Prices

- Bluefin tuna had the highest average annual ex-vessel price per pound (\$6.15) over the time period, followed by sea scallop (\$5.73), and quahog clam (\$4.83).
- Atlantic herring had the lowest average annual ex-vessel price per pound (\$0.09) over the time period, followed by Atlantic mackerel (\$0.19), and squid (\$0.63).
- Atlantic mackerel had the largest annual 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.

Atlantic herring and American lobster had the highest annual landings in the New England Region in 2009, with 209 million pounds and 97 million pounds, respectively. Together they accounted for 47% of the total landings in 2009. Atlantic herring

landings increased 34% and American lobster landings increased 17% during this period.

From 2000 to 2009, species or species groups with large changes in landings include Atlantic mackerel (increasing 1498%), sea scallop (increasing 77%), and quahog clam (decreasing 70%). Species or species groups with large changes in landings between 2008 and 2009 include squid (increasing 102%), bluefin tuna (increasing 81%), and Atlantic herring (increasing 27%).

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 40.6 million pounds in 2006.

Prices

The ex-vessel prices for the New England Region's key species and species groups in 2009 were higher than their 10 year average for six of the key species (four of the species in real terms). Ex-vessel prices for Atlantic herring and quahog clam experienced the biggest increases between 2000 and 2009, increasing 100% (71% in real terms) and 73% (48% in real terms), respectively. Relative to 2008 ex-vessel prices, New England's Atlantic mackerel experienced the greatest increase (66.7%, 67.2% in real terms) from \$0.12 in 2008 to \$0.20 in 2009. Quahog clam experienced the greatest price decrease between 2008 and 2009 declining from \$7.81 to \$5.53 (29.2%, 28.9% in real terms). Relative to ex-vessel prices in 2008, two species or species groups experienced increases, including Atlantic mackerel (67%), and squid (33%).

In Connecticut, the species or species group with the largest change in ex-vessel price from 2000 to 2009 was flounders (91% increase, 63% increase in real terms) from \$1.27 to \$2.42. The largest change in ex-vessel price experienced in Maine was for bloodworms (122% increase, 90% increase in real terms) from \$4.87 to \$10.79 and in Massachusetts the largest change in ex-vessel price was experienced by clams, all other (224% increase, 177% increase in real terms) from \$0.79 to \$2.56).

Recreational Fishing

In 2009, almost 1.4 million recreational anglers took 7.5 million fishing trips in the New England Region. Over 88% of these anglers were residents of a regional coastal county. Of the total fishing trips taken, 46% were taken from a private or rental boat and another 48% were shore-based. Striped bass was the most frequently caught species or species group with 5 million fish caught in 2009 and represented 28% of total fish caught in the region. Of the striped bass caught, 89% of them were released rather than harvested.

Economic Impacts and Expenditures¹

The contribution of recreational fishing activities in New England Region are reported in terms of economic impacts at the state level (employment, sales, income, and value added impacts) and expenditures on fishing trips and durable equipment at the regional level. Employment impacts in Connecticut were the highest in the region with over 5,200 full- and part-time jobs generated by recreational fishing activities in the state. Massachusetts (5,000 jobs), and Maine (2,000 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 2009 generated more employment impacts than any other expenditure: 94% in Connecticut, 50% in Rhode Island, and 45% in Massachusetts.

In addition to jobs, the contribution of recreational fishing activities to 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 2009, sales impacts were the highest in Connecticut (\$797 million in sales impacts), followed by Massachusetts (\$657 million), Maine (\$167 million), Rhode Island (\$114 million), and New Hampshire (\$46 million). In the same year, value added impacts were the highest in Connecticut (\$457 million in value added impacts), followed by Massachusetts (\$357 million), Maine (\$88 million), Rhode Island (\$56 million), and New Hampshire (\$25 million).

Overall, there were \$1.8 billion in expenditures on fishing trip and durable equipment expenditures across the New England Region in 2009. Approximately 78% of these expenditures were durable equipment purchases. The greatest expenditures were for vehicle expenses (\$612 million), followed by fishing tackle (\$402 million), boat expenses (\$264 million), other equipment (\$100 million), and second home expenses (\$12 million). Fishing trip expenditures by New England's non-residents totaled almost \$233 million, of which the greatest portion can be attributed to shore-based fishing trips (\$164 million). Residents of the New England Region spent \$149 million on saltwater fishing trips, with the most of these expenses related to private boat trips (\$80 million).

¹Expenditures and economic impacts from recreational fishing activities were generated using the NMFS Recreational Economic Impact Model (see Marine Angler Expenditures in the United States, 2006, available at: http://www.st.nmfs.noaa.gov/st5/publication/AnglerExpenditureReport/AnglerExpendituresReport_ALL.pdf)

Recreational Fishing Facts*Participation*

- An average of 1.4 million anglers fished in New England Region annually from 2000 to 2009.
- In 2009, coastal county residents made up 88% of total anglers in this region. These anglers averaged 89% of total anglers annually over the 10 year time period.
- The largest annual increase in the number of coastal anglers during the 10 year time period occurred between 2004 and 2005, increasing 17%, from 1.2 million anglers to 1.3 million anglers.
- The largest annual decrease during the same period for coastal anglers occurred between 2008 and 2009, decreasing 12%, from 1.4 million anglers to 1.2 million anglers.

Fishing trips

- In the New England Region, an average of 8.9 million fishing trips were taken annually from 2000 to 2009.
- Private or rental boat and shore-based fishing trips accounted for 3.5 million and 3.6 million fishing trips, respectively, in 2009. 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 6.9%, from 8.7 million trips to 9.3 million trips.
- The largest annual decrease during the same period in total trips taken occurred between 2008 and 2009, decreasing 18%, from 9.2 million trips to 7.5 million trips.

Harvest and release

- Striped bass was the most commonly caught key species or species group, averaging 9.6 million fish over the 10 year time period. Of these, 94% 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 (57% harvested), and bluefin tuna (51% harvested) were key species or groups that experienced the greatest proportion of harvests rather than releases.
- The largest annual change in the number of fish released was for releases of bluefin tuna, which increased 4616% between 2002 and 2003; the largest annual change in number of fish harvested occurred in little tunny, which increased 6985% from 2005 to 2006.

Participation

There were 1.4 million recreational anglers who fished in the New England Region in 2009. This was a 19% increase from 2000 (1.2 million anglers). These anglers were New England Region residents from either a coastal (1.2 million anglers) or non-coastal county (165,000 anglers). Over 88% of total anglers in 2009 were

residents of a coastal county. Coastal county angler participation in 2009 increased 17% relative to 2000 (1 million anglers) and decreased 12% between 2008 and 2009. Non-coastal county angler participation increased 36% relative to 2000 (121,000 anglers) and decreased 12% relative to 2008 (187,000 anglers).

Fishing Trips

Recreational fishermen took 7.5 million fishing trips in New England Region in 2009. This was a 14% decrease from the 2000 (8.8 million trips) and was 1.7 million fewer trips than those taken in 2008. Approximately 48% of the saltwater trips were shore based (3.6 million trips). The other most popular mode of fishing was private or rental boat-based with 3.5 million trips in 2009.

Harvest and Release

The New England Region's species and species groups caught most frequently in 2009 were striped bass (5 million fish), scup (3.7 million fish), Atlantic mackerel (3.6 million fish), and bluefish (2.2 million fish) in 2009. Little tunny (97% released), striped bass (89% released), summer flounder (86% released), Atlantic cod (70% released), scup (69% released), tautog (68% released), bluefish (65% released), and bluefin tuna (54% released) were more often released rather than harvested.

Anglers harvested more often than released Atlantic mackerel (89% harvested) and winter flounder (54% harvested). In 2009, most of the striped bass were caught in Massachusetts (2.8 million fish) and Connecticut (1.4 million), making up 84% of the total catch. Atlantic mackerel were caught in large numbers in Maine and New Hampshire which represented 75% of the total catch of Atlantic mackerel in the New England Region. Between 2000 and 2009, 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 little tunny (79%), summer flounder (65%), and striped bass (52%).

Marine Economy

The sum of the gross domestic products by state for Connecticut, Maine, Massachusetts, New Hampshire, and Rhode Island was \$753 billion in 2008. Employee compensation totaled \$444 billion and annual payroll totaled \$305 billion. These economic measures experienced increases of 37%, 32%, and 26% respectively, between 2000 and 2008, and experienced a 2.9% increase, a 2.3% increase, and a 3.1% increase, respectively, between 2007 and 2008. Approximately 377,000 establishments employed 6.2 million full- and part-time employees across the region in 2008. This was a 0.9% increase in establishment numbers and a 1.3% increase in employee numbers from 2000 to 2008.

In 2008, the commercial fishing location quotient (CFLQ) for Maine was the highest in the region at 14.01. This was a 73% increase from 2001 and a 2.6% decrease from 2007. 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 CFLQ in 2008 in Rhode Island was 2.59 (a 10% decrease from 2000 and a 15% decrease from 2007).

Seafood Sales and Processing

In 2008, there were 115 nonemployer firms engaged in seafood product preparation and packaging across the New England Region, a 51% increase from 2002 levels. There was no change in the number of firms in Massachusetts over this time period. In 2008, 56% of these firms were located in Maine. Region-wide, annual receipts totaled \$15 million in 2006 and increased 39% from 2005 to 2006. Annual receipt totals experienced a 439% increase in Connecticut between 2000 and 2008. In contrast to the increase in nonemployer firms region-wide, the number of employer establishments engaged in seafood product preparation and packaging decreased 7.1% from 101 in 2002 to 91 in 2008. Approximately 48% of these establishments were located in Massachusetts in 2008.

There were 370 seafood wholesale establishments in 2008 that employed 3,164 full- and part-time workers. From 2007 to 2008, the number of seafood wholesale establishments decreased 5.9% and the number of employees decreased 4.6% in the New England Region.

Nonemployer firms engaged in seafood retail in the New England Region totaled 171 in 2008, a 6.2% increase relative to 2000. Of these firms, 37% were located in Massachusetts. At the state level, these firms showed a 32% increase in Connecticut and a 36% increase in Rhode Island between 2000 and 2008. Annual receipts in the region totaled \$20 million in 2008, a 1.1% increase from 2000 (a 14% decrease in real terms) and a 0.3% increase from 2008 (a 9.4% decrease in real terms). Employer establishments engaged in seafood retail increased 14% from 2000 to 2008, totaling 235 in 2008. These establishments employed 1,077 workers. Over 50% of these establishments were located in Massachusetts.

Region-wide, the numbers of employees in the seafood retail sector decreased 15% between 2005 and 2008. Across the states within the region, the largest change occurred in Rhode Island (33% decrease). Annual payroll decreased in the New England Region, with a 11% decrease region-wide (24% decrease in real terms) to \$28 million in 2008.

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 3,600 people in 2008. 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 196 establishments and the navigational services to shipping industries with 39 establishments.

In Massachusetts, industries with large changes in establishment numbers, employees, or annual payroll from 2007 to 2008 were: port and harbor operations (99% increase in payroll), coastal and Great Lakes freight transportation (40% decrease in employees), marine cargo handling (40% decrease in establishments) and coastal and Great Lakes freight transportation (37% decrease in payroll). In Maine, large changes were seen for coastal and Great Lakes freight transportation (67% increase in

establishments), deep sea passenger transportation (50% decrease in establishments), navigational services to shipping (31% increase in employees) and marinas (18% decrease in payroll). In Connecticut, large changes were seen in the port and harbor operations (100% increase in establishments), deep sea passenger transportation (50% decrease in establishments), ship and boat building (32% decrease in establishments) and coastal and Great Lakes freight transportation (25% increase in establishments).

2009 Economic Impacts of the New England Region Seafood Industry (thousands of dollars)

	Landings Revenue	Jobs	Sales	Income	Value Added
Connecticut	16,626	3,806	621,496	129,597	216,641
Massachusetts	400,248	77,820	6,711,215	1,696,208	2,614,296
Maine	285,925	21,200	1,203,248	393,282	570,452
New Hampshire	17,708	4,951	651,278	152,553	242,845
Rhode Island	61,663	7,888	905,714	219,489	347,570

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	688,422	638,028	696,423	690,692	821,573	970,516	953,372	896,597	811,351	782,170
Finfish & other	218,552	220,052	207,082	200,351	194,911	200,751	184,219	178,935	190,397	178,042
Shellfish	469,870	417,975	489,341	490,341	626,662	769,765	769,153	717,662	620,955	604,128
American lobster	298,516	239,681	287,621	277,946	368,649	408,719	386,034	347,298	317,877	298,293
Atlantic herring	9,655	12,634	9,005	15,274	14,931	20,085	21,593	18,766	20,352	24,720
Atlantic mackerel	644	437	3,776	4,404	10,416	2,923	13,528	6,001	4,303	7,926
Bluefin tuna	17,305	17,043	14,349	8,267	4,297	3,864	1,715	2,077	2,887	4,450
Cod & haddock	37,837	46,416	49,679	44,386	40,089	39,824	31,885	39,317	43,006	36,661
Flounders	48,340	49,845	49,201	47,221	43,737	42,339	37,717	33,716	30,460	27,336
Goosefish	44,160	35,721	29,194	30,031	27,960	34,408	26,571	21,203	18,467	13,138
Quahog clam	17,456	17,716	17,193	16,857	16,721	6,707	26,811	31,102	11,531	9,019
Sea scallop	94,604	95,616	109,634	116,454	158,014	250,762	263,623	237,280	202,964	209,989
Squid	14,597	12,915	15,786	17,283	28,133	20,206	20,006	2,371	6,311	16,820

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	576,064	631,043	588,891	660,283	723,130	684,292	704,258	582,249	600,987	646,876
Finfish & other	382,693	458,053	387,327	468,511	487,785	461,038	466,873	373,715	395,323	428,369
Shellfish	193,371	172,990	201,564	191,772	235,345	223,254	237,385	208,534	205,664	218,507
American lobster	83,029	68,560	81,382	70,502	88,679	86,224	90,837	76,971	86,210	96,930
Atlantic herring	155,849	208,232	134,605	209,933	188,201	212,389	207,530	155,986	165,067	209,263
Atlantic mackerel	2,468	1,591	26,649	34,839	88,124	8,223	99,751	50,761	35,524	39,427
Bluefin tuna	2,243	2,534	2,386	1,787	704	837	274	300	426	772
Cod & haddock	33,791	45,931	45,469	38,482	34,158	30,500	19,810	24,848	31,461	30,819
Flounders	43,733	48,435	41,758	39,782	40,966	30,290	19,538	16,078	15,286	16,218
Goosefish	38,803	43,008	41,975	46,751	39,735	34,873	26,136	19,579	16,224	12,783
Quahog clam	5,447	4,684	6,116	5,173	6,231	1,088	4,216	4,622	1,476	1,631
Sea scallop	17,871	24,741	27,394	27,587	30,462	32,038	40,587	35,387	28,872	31,691
Squid	28,870	24,959	27,893	29,405	47,901	26,748	25,330	2,701	13,957	28,124

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American lobster	3.60	3.50	3.53	3.94	4.16	4.74	4.25	4.51	3.69	3.08
Atlantic herring	0.06	0.06	0.07	0.07	0.08	0.09	0.10	0.12	0.12	0.12
Atlantic mackerel	0.26	0.28	0.14	0.13	0.12	0.36	0.14	0.12	0.12	0.20
Bluefin tuna	7.71	6.73	6.01	4.63	6.10	4.62	6.26	6.93	6.78	5.76
Cod & haddock	1.12	1.01	1.09	1.15	1.17	1.31	1.61	1.58	1.37	1.19
Flounders	1.11	1.03	1.18	1.19	1.07	1.40	1.93	2.10	1.99	1.69
Goosefish	1.14	0.83	0.70	0.64	0.70	0.99	1.02	1.08	1.14	1.03
Quahog clam	3.20	3.78	2.81	3.26	2.68	6.16	6.36	6.73	7.81	5.53
Sea scallop	5.29	3.86	4.00	4.22	5.19	7.83	6.50	6.71	7.03	6.63
Squid	0.51	0.52	0.57	0.59	0.59	0.76	0.79	0.88	0.45	0.60

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Value Added	Income
Connecticut	1,436,407	5,212	797,209	304,833	457,344
Massachusetts	3,605,741	4,987	656,958	229,069	357,440
Maine	1,013,724	2,039	166,564	54,551	87,774
New Hampshire	414,337	418	45,516	15,768	25,016
Rhode Island	1,041,782	1,005	113,817	35,744	56,055

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	402,151
For-Hire	39,479	18,579	Other Equipment	99,569
Private Boat	29,037	79,565	Boat Expenses	263,640
Shore	164,107	50,478	Vehicle Expenses	612,215
<i>Total Trip Expenditures</i>	232,622	148,621	Second Home Expenses	11,589
			<i>Total Durable Equipment Expenditures</i>	1,389,165
Total State Trip and Durable Equipment Expenditures				1,770,408

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	1,042	969	1,069	1,198	1,155	1,349	1,408	1,408	1,389	1,222
Non-Coastal	121	108	124	152	165	169	188	205	187	165
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	1,163	1,077	1,194	1,349	1,319	1,518	1,596	1,614	1,576	1,387

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	309	303	235	319	300	418	458	480	471	449
Private Boat	4,736	4,857	4,513	4,426	4,450	5,017	4,681	4,863	4,921	3,489
Shore	3,720	3,874	3,844	3,833	3,910	3,819	4,510	4,355	3,793	3,574
Total Trips	8,765	9,035	8,592	8,578	8,660	9,254	9,650	9,699	9,185	7,512

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic cod	H	749	1,104	644	706	NA	653	264	313	481	483
	R	1,193	1,378	1,143	1,175	945	1,525	802	1,184	1,287	1,139
Atlantic mackerel	H	4,067	3,851	3,543	2,399	1,588	3,062	4,849	3,079	3,459	3,151
	R	654	772	363	212	162	78	328	188	546	400
Bluefin tuna	H	6	1	1	5	2	12	4	14	14	10
	R	(1)	(1)	(1)	4	15	12	13	9	2	12
Bluefish	H	893	1,462	1,166	1,188	1,284	1,359	1,541	1,359	1,209	776
	R	1,960	3,324	2,148	2,532	3,281	3,451	3,016	3,141	2,899	1,449
Little tunny ²	H	2	3	7	3	13	(1)	2	5	3	1
	R	108	38	54	33	109	52	38	77	76	22
Porgies (scup)	H	3,935	3,031	2,460	4,181	2,983	1,567	1,261	1,871	1,901	1,173
	R	2,549	2,837	2,382	2,829	1,759	1,902	2,548	2,543	3,595	2,563
Striped bass	H	396	498	523	701	608	691	585	638	568	548
	R	10,002	7,931	8,577	6,760	8,586	10,831	16,327	9,739	7,003	4,443
Summer flounder	H	1,558	573	439	549	786	604	592	417	473	161
	R	1,809	1,008	1,559	1,071	1,048	1,491	2,503	1,290	1,941	1,023
Winter flounder	H	143	169	107	83	54	50	61	54	169	121
	R	136	155	74	41	32	43	65	44	76	103
Wrasses (tautog)	H	137	172	265	335	294	228	321	452	299	180
	R	233	338	638	669	545	504	595	981	420	378

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.

2009 Economic Impacts of the Connecticut Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	3,806	621,496	129,597	216,641
Commercial Harvesters	494	29,483	8,087	12,460
Seafood Processors & Dealers	156	16,112	6,153	7,954
Importers	1,736	477,632	76,550	145,603
Seafood Wholesalers & Distributors	250	40,085	13,121	17,629
Retail	1,171	58,184	25,687	32,996

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	31,227	31,176	27,779	29,825	33,399	37,570	36,892	42,053	16,927	16,626
Finfish & other	6,428	5,712	4,283	4,136	4,575	5,097	3,731	3,421	3,904	3,778
Shellfish	24,799	25,464	23,496	25,690	28,825	32,474	33,161	38,632	13,022	12,848
American lobster	5,501	5,450	4,226	3,170	3,166	3,821	4,031	3,222	2,101	1,914
Eastern oyster	4,839	3,245	2,012	2,274	1,356	ND ¹	2,206	5,142	ND ³	ND ³
Flounders	1,325	1,188	909	896	1,075	1,170	1,026	881	851	760
Goosefish	1,556	1,201	790	683	580	658	346	512	551	ND ³
Hake	2,864	2,341	1,307	1,602	2,028	2,432	1,628	1,226	1,545	1,354
Quahog clam	9,415	9,930	9,202	10,470	10,690	ND ³	18,135	20,531	ND ³	ND ³
Scups or Porgies	175	171	195	167	191	263	302	311	386	364
Sea scallop	4,034	5,727	6,400	8,125	11,203	9,761	7,229	8,605	9,840	9,762
Snails (conchs)	45	95	199	119	209	233	533	312	481	ND ³
Squid, loligo	ND ³	687	1,178	1,400	1,298	1,224	954	744	ND ³	384

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	19,563	18,748	16,177	16,420	18,192	13,628	11,747	10,050	7,115	7,972
Finfish & other	11,175	10,609	7,799	7,825	6,832	6,548	5,807	3,931	4,535	5,388
Shellfish	8,388	8,139	8,378	8,595	11,359	7,080	5,940	6,119	2,580	2,584
American lobster	1,394	1,330	1,067	671	647	714	793	569	426	479
Eastern oyster	624	434	247	279	186	ND ³	77	193	ND ³	ND ³
Flounders	1,041	1,011	633	565	637	582	456	345	307	314
Goosefish	1,544	1,360	1,029	1,023	897	524	496	460	409	ND ³
Hake	6,598	5,644	2,904	2,875	2,936	3,735	2,632	1,831	2,480	2,492
Quahog clam	4,021	3,382	3,435	4,038	5,137	ND ³	2,665	3,067	ND ³	ND ³
Scups or Porgies	142	220	314	292	256	328	298	256	283	347
Sea scallop	800	1,538	1,579	1,908	2,172	1,272	1,104	1,313	1,407	1,475
Snails (conchs)	70	36	128	70	31	50	101	117	184	ND ³
Squid, loligo	ND ³	1,026	1,778	1,572	1,699	1,537	1,157	811	ND ³	366

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American lobster	3.95	4.10	3.96	4.72	4.89	5.35	5.08	5.67	4.93	3.99
Eastern oyster	7.76	7.48	8.16	8.14	7.30	ND ³	28.61	26.64	ND ³	ND ³
Flounders	1.27	1.17	1.44	1.59	1.69	2.01	2.25	2.55	2.77	2.42
Goosefish	1.01	0.88	0.77	0.67	0.65	1.26	0.70	1.11	1.35	ND ³
Hake	0.43	0.41	0.45	0.56	0.69	0.65	0.62	0.67	0.62	0.54
Quahog clam	2.34	2.94	2.68	2.59	2.08	ND ³	6.80	6.69	ND ³	ND ³
Scups or Porgies	1.23	0.77	0.62	0.57	0.75	0.80	1.01	1.22	1.36	1.05
Sea scallop	5.04	3.72	4.05	4.26	5.16	7.67	6.55	6.55	6.99	6.62
Snails (conchs)	0.64	2.65	1.55	1.69	6.69	4.66	5.28	2.66	2.62	ND ³
Squid, loligo	ND ³	0.67	0.66	0.89	0.76	0.80	0.82	0.92	ND ³	1.05

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	47	4,861	1,723	3,004
Private Boat	161	20,432	7,448	12,834
Shore	101	11,271	4,177	6,976
Total Durable Equipment Impacts	4,903	760,645	291,485	434,530
Total State Trip and Durable Equipment Economic Impacts	5,212	797,209	304,833	457,344

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	197,138
For-Hire	739	2,523	Other Equipment	35,627
Private Boat	1,426	19,448	Boat Expenses	160,925
Shore	2,368	9,186	Vehicle Expenses	368,588
<i>Total Trip Expenditures</i>	<i>4,533</i>	<i>31,157</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>762,278</i>
Total State Trip and Durable Equipment Expenditures				797,968

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	222	246	283	361	297	323	336	302	381	438
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	53	78	87	112	63	77	44	61	123	93
Total Anglers	275	324	371	473	359	400	380	363	504	531

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	46	46	51	64	39	38	45	50	62	43
Private	854	981	953	875	924	1,073	863	1,089	1,286	725
Shore	609	695	645	625	574	483	569	544	562	668
Total Trips	1,508	1,723	1,650	1,564	1,537	1,594	1,477	1,683	1,911	1,436

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic cod	H	(1)	(1)	(1)	2	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bluefish	H	390	716	569	458	534	418	476	375	428	332
	R	863	1,429	662	542	947	989	786	847	1,132	415
Hickory shad	H	(1)	16	71	71	28	52	80	57	5	(1)
	R	48	88	377	79	103	35	110	8	24	2
Little tunny ³	H	(1)	1	(1)	1	2	(1)	(1)	(1)	(1)	(1)
	R	71	27	28	8	9	(1)	(1)	5	(1)	7
Porgies (scup)	H	1,318	1,016	882	1,529	564	724	519	690	672	229
	R	925	931	570	804	387	719	733	871	1,131	949
Striped bass	H	53	54	51	96	75	115	83	110	113	73
	R	926	1,108	697	843	1,079	1,714	1,682	1,832	2,372	1,281
Summer flounder	H	372	153	93	166	217	213	107	109	116	62
	R	443	406	452	475	363	839	902	325	792	552
White perch	H	17	(1)	1	11	1	(1)	(1)	(1)	74	114
	R	140	7	27	28	30	3	3	88	138	101
Winter flounder	H	10	15	16	24	4	4	8	4	(1)	4
	R	11	32	9	6	9	1	24	14	(1)	2
Wrasses (tautog)	H	11	17	100	168	98	75	176	211	177	66
	R	29	59	219	283	329	144	141	445	200	67

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
2000	92,436 (1.3%)	1,546,250 (1.4%)	67,385 (1.7%)	92,817 (1.7%)	163,943 (1.6%)	0.6 ²
2008	92,597 (1.2%)	1,551,305 (1.3%)	82,769 (1.6%)	123,218 (1.6%)	230,101 (1.5%)	ND ³
% change	0.174%	0.327%	22.8%	32.8%	40.4%	NA ⁴

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	4	0	0	7	7	7	11	0	18
	Receipts	441	ND ³	ND ³	1,022	1,404	551	3,206	ND ³	2,375
Seafood Sales, retail	Firms	19	20	26	26	25	24	15	26	25
	Receipts	1,780	2,378	3,225	2,966	3,115	3,313	2,915	4,436	3,247

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	3	2	2	2	3	3	4	3	3
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	113	119	ND ³	59
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	3,656	4,242	ND ³	1,040
Seafood sales, wholesale	Establishments	26	25	28	19	19	17	19	20	24
	Employees	ND ³	ND ³	ND ³	169	181	ND ³	ND ³	183	185
	Payroll	ND ³	ND ³	ND ³	7,738	7,688	ND ³	ND ³	8,347	8,551
Seafood sales, retail	Establishments	31	34	36	34	38	39	35	36	35
	Employees	112	131	165	206	202	187	196	177	203
	Payroll	2,760	3,403	3,859	5,110	5,060	5,028	4,937	5,252	5,248

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	10	8	5	6	5	5	4	4	5
	Employees	396	506	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	22,291	31,940	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Deep sea freight transportation	Establishments	13	12	11	12	13	11	14	14	12
	Employees	ND ³	ND ³	238	270	260	310	235	228	243
	Payroll	ND ³	ND ³	18,271	29,086	37,013	36,766	47,845	48,110	46,595
Deep sea passenger transportation	Establishments	1	2	2	2	2	2	1	2	1
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Marinas	Establishments	101	101	108	116	117	117	119	124	125
	Employees	676	ND ³	722	1,006	1,016	994	1,024	1,224	1,352
	Payroll	24,375	ND ³	29,690	39,691	41,952	42,754	44,829	50,809	60,016
Marine cargo handling	Establishments	1	2	1	NA ⁴	1	3	3	5	4
	Employees	ND ³	ND ³	ND ³	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	NA ⁴	ND ³	ND ³	ND ³	5,925	ND ³
Navigational services to shipping	Establishments	5	4	8	6	6	8	9	6	6
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	45	69	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	1,768	2,423	432	338
Port & harbor operations	Establishments	3	3	5	4	4	4	4	4	8
	Employees	ND ³	ND ³	185	ND ³	ND ³	ND ³	ND ³	ND ³	179
	Payroll	ND ³	ND ³	5,527	ND ³	ND ³	ND ³	ND ³	ND ³	6,136
Ship & boat building	Establishments	18	14	12	14	17	17	17	22	15
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.²CFLQ data for 2000 were not available. Data from 2001 are reported here.³ND = these data are confidential thus not disclosable⁴NA = these data are not available

2009 Economic Impacts of the Maine Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	21,200	1,203,248	393,282	570,452
Commercial Harvesters	9,473	548,895	149,995	245,414
Seafood Processors & Dealers	1,606	112,779	45,280	57,857
Importers	476	130,819	20,966	39,879
Seafood Wholesalers & Distributors	684	65,633	23,543	30,636
Retail	8,962	345,121	153,498	196,666

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	269,082	241,383	290,315	287,049	367,459	392,122	361,920	343,872	308,146	285,925
Finfish & other	56,732	56,662	47,489	49,292	48,904	47,141	37,084	36,930	36,679	30,488
Shellfish	212,350	184,721	242,826	237,757	318,555	344,982	324,836	306,942	271,467	255,437
American lobster	187,715	153,982	210,950	205,715	289,079	317,948	297,143	280,667	245,098	231,170
Atlantic herring	6,400	7,165	4,618	7,296	8,019	9,408	10,602	9,176	8,305	7,838
Bloodworms	1,592	4,851	5,759	5,292	7,524	6,039	5,037	6,051	5,913	6,197
Blue mussel	1,037	2,650	4,117	4,487	3,319	2,625	2,618	1,934	1,627	2,203
Cod & haddock	5,330	6,469	5,944	4,673	5,392	5,177	3,982	3,728	1,482	216
Goosefish	8,876	7,991	6,248	7,852	6,828	6,232	3,238	2,402	ND ¹	ND ³
Ocean quahog clam	3,310	3,499	4,748	4,480	3,842	3,607	3,919	3,194	2,195	1,821
Pollock	3,258	2,448	2,386	2,206	2,346	3,106	2,309	2,160	ND ³	2,045
Sea Urchins	17,739	12,694	7,657	8,569	7,866	5,142	3,693	4,368	5,410	5,866
Softshell clam	9,546	16,609	14,370	15,859	16,628	14,081	13,163	12,476	12,826	ND ³

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	228,213	236,240	202,483	223,533	228,502	214,514	217,659	184,191	185,212	184,558
Finfish & other	144,484	167,022	113,132	141,621	130,368	121,278	121,268	96,541	93,510	87,248
Shellfish	83,729	69,218	89,351	81,912	98,134	93,236	96,391	87,650	91,703	97,310
American lobster	57,215	48,618	63,626	54,971	71,574	68,730	72,662	63,965	69,847	78,994
Atlantic herring	100,097	115,825	67,169	96,681	90,598	88,010	96,214	72,757	65,570	63,084
Bloodworms	327	644	683	594	615	456	450	549	537	574
Blue mussel	2,838	2,749	4,793	4,287	4,102	3,357	2,897	2,643	2,289	2,760
Cod & haddock	4,295	5,741	5,172	3,860	4,588	4,045	2,448	2,345	1,131	162
Goosefish	8,601	10,983	11,127	13,291	10,552	7,130	3,666	2,376	ND ³	ND ³
Ocean quahog clam	1,208	1,083	1,287	1,194	1,013	1,001	1,214	1,011	669	556
Pollock	3,955	3,447	2,958	4,085	4,189	5,260	3,678	4,245	ND ³	3,039
Sea Urchins	12,898	9,901	6,321	5,963	5,742	3,517	2,800	2,762	2,900	3,487
Softshell clam	2,284	2,660	2,423	2,364	2,380	1,857	1,868	1,931	1,998	ND ³

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American lobster	3.28	3.17	3.32	3.74	4.04	4.63	4.09	4.39	3.51	2.93
Atlantic herring	0.06	0.06	0.07	0.08	0.09	0.11	0.11	0.13	0.13	0.12
Bloodworms	4.87	7.53	8.43	8.91	12.24	13.24	11.20	11.02	11.01	10.79
Blue mussel	0.37	0.96	0.86	1.05	0.81	0.78	0.90	0.73	0.71	0.80
Cod & haddock	1.24	1.13	1.15	1.21	1.18	1.28	1.63	1.59	1.31	1.33
Goosefish	1.03	0.73	0.56	0.59	0.65	0.87	0.88	1.01	ND ³	ND ³
Ocean quahog clam	2.74	3.23	3.69	3.75	3.79	3.60	3.23	3.16	3.28	3.27
Pollock	0.82	0.71	0.81	0.54	0.56	0.59	0.63	0.51	ND ³	0.67
Sea Urchins	1.38	1.28	1.21	1.44	1.37	1.46	1.32	1.58	1.87	1.68
Softshell clam	4.18	6.25	5.93	6.71	6.99	7.58	7.05	6.46	6.42	ND ³

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	94	6,932	2,265	3,917
Private Boat	84	7,122	2,458	4,204
Shore	1,209	86,444	28,266	47,646
Total Durable Equipment Impacts	651	66,066	21,562	32,006
Total State Trip and Durable Equipment Economic Impacts	2,039	166,564	54,551	87,774

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	27,994
For-Hire	4,603	361	Other Equipment	13,941
Private Boat	1,957	5,154	Boat Expenses	33,240
Shore	60,640	2,747	Vehicle Expenses	17,995
<i>Total Trip Expenditures</i>	<i>67,199</i>	<i>8,262</i>	Second Home Expenses	885
			<i>Total Durable Equipment Expenditures</i>	<i>94,055</i>
Total State Trip and Durable Equipment Expenditures				169,516

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	139	126	127	165	113	190	182	174	121	117
Non-Coastal	20	16	17	23	21	20	22	13	9	12
Out of State	150	166	172	170	148	173	285	260	180	324
Total Anglers	310	308	316	358	282	383	489	447	310	453

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	17	20	13	14	38	38	31	33	31	26
Private	482	444	422	410	315	552	517	486	382	330
Shore	396	469	471	495	406	499	649	703	426	658
Total Trips	895	932	906	919	758	1,089	1,197	1,222	840	1,014

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American Shad	H	1	(1)	(1)	(1)	(1)	1	4	(1)	(1)	2
	R	1	2	(1)	1	2	(1)	20	3	4	20
Atlantic cod	H	41	92	15	11	42	26	12	22	35	45
	R	50	73	16	25	43	43	41	79	59	54
Atlantic mackerel	H	1,406	1,175	1,207	616	778	761	387	1,139	839	1,290
	R	304	319	234	106	79	32	95	95	227	162
Blue shark	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)	1
Bluefin tuna	H	(1)	(1)	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bluefish	H	(1)	15	24	14	17	19	6	37	24	5
	R	4	40	42	23	38	51	42	72	65	30
Haddock	H	11	12	3	1	12	7	8	13	15	11
	R	16	17	4	4	3	3	4	13	3	2
Pollock	H	74	58	76	10	57	45	78	43	90	55
	R	103	130	48	17	39	53	27	19	162	36
Striped bass	H	62	60	72	58	37	69	73	71	49	53
	R	943	871	1,392	847	748	3,024	4,063	1,105	470	247
Winter flounder	H	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	3	(1)	1	(1)	(1)	1	(1)	1	4

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
2000	39,466 (0.56%)	491,780 (0.43%)	13,490 (0.35%)	21,307 (0.37%)	36,395 (0.37%)	8.09 ²
2008	41,755 (0.55%)	509,093 (0.42%)	17,685 (0.34%)	29,608 (0.36%)	51,010 (0.37%)	14
% change	5.8%	3.52%	31.1%	39%	40.2%	73.2%

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	51	55	50	62	57	52	54	65	64
	Receipts	3,657	6,301	3,023	4,699	5,642	5,082	6,463	7,177	4,261
Seafood Sales, retail	Firms	60	51	62	60	55	51	45	55	46
	Receipts	9,505	8,486	8,980	8,365	8,621	7,331	7,115	5,905	4,035

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	40	36	33	35	28	27	27	27	29
	Employees	992	1,007	639	656	576	614	616	536	490
	Payroll	12,110	13,125	11,301	13,999	19,767	12,349	12,304	9,351	9,288
Seafood sales, wholesale	Establishments	194	182	190	181	177	177	167	170	168
	Employees	1,631	1,235	1,256	985	1,048	1,152	996	1,015	1,210
	Payroll	36,325	32,599	36,043	29,643	30,108	30,513	32,192	32,005	36,185
Seafood sales, retail	Establishments	34	41	47	51	50	49	55	50	45
	Employees	ND ³	ND ³	173	181	189	184	179	181	148
	Payroll	ND ³	ND ³	3,971	4,663	5,112	4,678	4,753	4,635	4,148

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	6	6	4	5	4	3	3	3	5
	Employees	ND ³	ND ³	30	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	939	ND ³	ND ³	ND ³	ND ³	ND ³	1,058
Deep sea freight transportation	Establishments	3	4	3	2	2	1	1	NA ⁴	1
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	NA ⁴	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	NA ⁴	ND ³
Deep sea passenger transportation	Establishments	2	2	4	1	1	1	1	2	1
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Marinas	Establishments	91	89	85	79	84	84	84	86	87
	Employees	592	600	503	416	406	411	417	464	411
	Payroll	16,454	18,121	16,055	12,853	13,369	14,215	15,353	18,600	15,206
Marine cargo handling	Establishments	4	4	4	4	4	3	3	3	3
	Employees	ND ³	ND ³	91	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	3,183	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Navigational services to shipping	Establishments	14	16	18	17	16	16	12	15	15
	Employees	49	45	88	106	91	88	93	105	138
	Payroll	3,175	3,371	4,341	5,521	4,927	5,890	6,260	6,737	6,148
Port & harbor operations	Establishments	1	1	NA ⁴	1	1	1	1	2	2
	Employees	ND ³	ND ³	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Ship & boat building	Establishments	72	79	87	91	86	92	89	94	90
	Employees	ND ³	8,242	ND ³	7,630	7,753	ND ³	6,808	6,751	6,930
	Payroll	ND ³	300,378	ND ³	332,332	328,179	ND ³	320,288	345,036	354,899

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

²CFLQ data for 2000 were not available. Data from 2001 are reported here.

³ND = these data are confidential thus not disclosable

⁴NA = these data are not available

2009 Economic Impacts of the Massachusetts Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	77,820	6,711,215	1,696,208	2,614,296
Commercial Harvesters	9,243	732,903	230,418	339,474
Seafood Processors & Dealers	6,687	860,484	328,068	426,546
Importers	13,742	3,780,147	605,841	1,152,354
Seafood Wholesalers & Distributors	2,648	421,491	137,736	186,887
Retail	45,501	916,190	394,145	509,035

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	290,950	278,946	296,922	292,602	325,937	427,332	437,157	420,079	399,922	400,248
Finfish & other	120,595	122,944	122,845	116,767	109,163	117,003	110,426	109,434	122,000	114,784
Shellfish	170,356	156,002	174,077	175,835	216,774	310,330	326,731	310,645	277,923	285,464
American lobster	70,116	53,430	56,569	52,329	51,581	49,563	52,553	51,258	45,423	42,074
Atlantic herring	604	2,769	2,285	5,461	4	69	ND ¹	8,265	11,336	15,322
Atlantic mackerel	184	141	713	1,888	6,542	ND ³	10,203	4,736	4,258	4,548
Clams, all other	581	5,927	8,169	823	4,721	19,010	14,064	15,707	24,860	16,742
Cod & haddock	29,573	36,905	40,550	36,668	31,452	31,954	25,451	32,033	38,694	33,668
Eastern oyster	ND ³	ND ³	ND ³	ND ³	24	2,738	4,618	4,559	5,477	6,432
Flounders	30,521	33,086	33,092	32,995	29,897	28,815	24,592	22,091	20,926	19,635
Goosefish	24,121	18,263	15,546	15,585	15,675	21,485	17,712	14,381	14,036	9,902
Ocean quahog clam	5,235	ND ³	ND ³	7,325	6,919	ND ³	8,297	10,100	ND ³	10,710
Sea scallop	85,294	87,357	100,551	106,938	144,748	226,949	234,668	218,292	189,923	197,296

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	189,031	240,759	243,501	295,439	337,603	337,304	351,426	304,401	326,261	355,965
Finfish & other	130,095	182,473	175,490	231,978	267,342	267,311	271,352	227,229	255,635	279,324
Shellfish	58,937	58,286	68,011	63,461	70,261	69,993	80,074	77,171	70,626	76,641
American lobster	15,803	12,133	12,853	11,385	11,295	9,880	10,966	10,143	10,598	11,641
Atlantic herring	9,615	48,960	40,508	79,873	40	700	ND ³	73,268	94,233	133,531
Atlantic mackerel	479	387	5,549	23,451	72,687	ND ³	89,535	46,240	35,438	30,199
Clams, all other	734	10,836	17,057	1,045	6,315	19,881	4,593	4,215	22,492	6,553
Cod & haddock	26,685	37,162	37,521	32,013	26,926	24,539	15,862	20,290	28,523	28,498
Eastern oyster	ND ³	ND ³	ND ³	ND ³	9	105	212	127	149	159
Flounders	29,041	33,989	28,987	29,418	30,704	22,115	13,182	10,965	11,589	12,390
Goosefish	20,888	22,120	22,794	23,979	22,357	21,849	17,495	13,308	12,446	9,829
Ocean quahog clam	12,397	ND ³	ND ³	14,226	14,085	ND ³	16,798	20,158	ND ³	18,691
Sea scallop	16,175	22,640	25,290	25,371	27,944	29,045	36,088	32,540	27,016	29,782

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American lobster	4.44	4.40	4.40	4.60	4.57	5.02	4.79	5.05	4.29	3.61
Atlantic herring	0.06	0.06	0.06	0.07	0.09	0.10	ND ³	0.11	0.12	0.11
Atlantic mackerel	0.38	0.36	0.13	0.08	0.09	ND ³	0.11	0.10	0.12	0.15
Clams, all other	0.79	0.55	0.48	0.79	0.75	0.96	3.06	3.73	1.11	2.56
Cod & haddock	1.11	0.99	1.08	1.15	1.17	1.30	1.60	1.58	1.36	1.18
Eastern oyster	ND ³	ND ³	ND ³	ND ³	2.74	26.09	21.75	36.02	36.67	40.37
Flounders	1.05	0.97	1.14	1.12	0.97	1.30	1.87	2.01	1.81	1.58
Goosefish	1.15	0.83	0.68	0.65	0.70	0.98	1.01	1.08	1.13	1.01
Ocean quahog clam	0.42	ND ³	ND ³	0.51	0.49	ND ³	0.49	0.50	ND ³	0.57
Sea scallop	5.27	3.86	3.98	4.21	5.18	7.81	6.50	6.71	7.03	6.62

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	554	53,315	18,691	31,808
Private Boat	577	67,483	24,712	41,375
Shore	1,605	165,529	59,240	98,007
Total Durable Equipment Impacts	2,251	370,631	126,425	186,250
Total State Trip and Durable Equipment Economic Impacts	4,987	656,958	229,069	357,440

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	124,424
For-Hire	24,050	11,253	Other Equipment	33,935
Private Boat	16,531	43,810	Boat Expenses	54,541
Shore	83,006	32,282	Vehicle Expenses	197,660
<i>Total Trip Expenditures</i>	123,587	87,345	Second Home Expenses	9,387
			<i>Total Durable Equipment Expenditures</i>	419,947
Total State Trip and Durable Equipment Expenditures				630,879

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	493	392	465	434	535	585	623	664	655	489
Non-Coastal	90	79	96	112	131	135	151	179	170	144
Out of State	265	279	344	306	335	391	484	465	469	421
Total Anglers	848	750	906	852	1000	1112	1258	1309	1293	1054

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	172	134	106	145	133	246	242	242	235	227
Private	2,518	2,569	2,399	2,329	2,456	2,383	2,438	2,419	2,322	1,872
Shore	1,931	1,821	1,701	1,611	1,913	1,809	2,044	2,049	1,907	1,507
Total Trips	4,622	4,524	4,206	4,085	4,502	4,439	4,724	4,710	4,465	3,606

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic bonito	H	4	13	6	11	4	15	5	4	3	4
	R	8	8	17	(1)	3	12	18	12	5	1
Atlantic cod	H	599	842	585	583	519	558	188	239	372	286
	R	975	1,119	1,049	937	843	1,337	534	883	1,029	834
Atlantic mackerel	H	2,049	1,811	2,024	1,313	722	1,967	4,296	1,789	2,047	726
	R	231	157	61	45	73	21	203	83	261	152
Bluefish	H	221	357	229	374	406	589	686	587	414	377
	R	596	948	628	1,019	1,468	1,812	1,507	1,344	1,242	814
Haddock	H	81	73	61	75	215	334	151	291	263	196
	R	88	45	125	130	104	87	89	55	108	43
Porgies (scup)	H	1,382	881	975	1,624	1,511	397	314	729	660	772
	R	748	832	879	1,221	855	516	931	936	1,177	1,282
Striped bass	H	181	288	309	407	400	368	340	347	343	336
	R	7,382	5,411	5,719	4,362	5,892	4,840	8,657	5,772	3,641	2,490
Summer flounder	H	379	152	155	177	281	203	219	76	150	48
	R	445	210	336	244	388	308	556	99	181	122
Winter flounder	H	74	61	53	45	40	42	43	37	155	105
	R	100	97	34	30	17	39	35	17	65	91
Wrasses (tautog)	H	88	116	103	47	23	48	63	76	24	27
	R	139	205	284	190	63	148	266	331	86	122

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
2000	176,222 (2.5%)	3,087,044 (2.7%)	131,444 (3.4%)	177,393 (2.8%)	272,680 (3.1%)	7.54 ²
2008	174,290 (2.3%)	3,074,569 (2.5%)	161,821 (3.2%)	228,829 (2.6%)	364,818 (2.9%)	ND ³
% change	-1.1%	-0.404%	23.1%	29%	33.8%	NA ⁴

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	22	29	26	23	25	28	36	24	26
	Receipts	2,684	1,762	1,296	676	2,284	2,266	2,525	908	1,250
Seafood Sales, retail	Firms	62	62	78	59	64	59	62	57	64
	Receipts	6,128	6,171	7,314	5,409	5,933	5,528	4,905	4,421	7,982

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	42	41	45	55	53	50	47	52	44
	Employees	2,251	2,164	2,231	2,717	2,743	2,671	2,607	2,684	2,355
	Payroll	82,907	83,249	92,776	110,917	112,642	115,704	120,912	113,580	109,747
Seafood sales, wholesale	Establishments	229	212	207	163	148	151	139	160	141
	Employees	2,685	2,508	2,393	1,880	1,890	1,836	1,706	1,803	1,442
	Payroll	104,358	105,904	107,871	74,431	75,689	76,070	77,106	81,863	68,898
Seafood sales, retail	Establishments	109	115	126	124	128	116	115	126	118
	Employees	435	451	490	720	686	677	692	737	549
	Payroll	7,401	8,224	10,673	17,760	17,454	17,725	18,165	19,267	15,017

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	9	12	10	13	13	10	12	14	14
	Employees	ND ³	ND ³	ND ³	ND ³	688	ND ³	623	283	169
	Payroll	ND ³	ND ³	ND ³	ND ³	36,533	ND ³	38,421	18,620	11,701
Deep sea freight transportation	Establishments	12	14	12	10	10	10	11	12	8
	Employees	368	ND ³	ND ³	ND ³	ND ³	ND ³	509	ND ³	361
	Payroll	31,434	ND ³	ND ³	ND ³	ND ³	ND ³	38,982	ND ³	38,908
Deep sea passenger transportation	Establishments	2	2	2	1	1	4	4	1	NA ⁴
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	NA ⁴
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	NA ⁴
Marinas	Establishments	131	136	139	145	135	139	141	173	175
	Employees	865	996	988	969	989	973	1,064	1,154	1,138
	Payroll	30,790	34,865	35,169	40,700	41,474	43,103	45,894	51,705	53,694
Marine cargo handling	Establishments	6	7	7	6	6	5	4	5	3
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	69	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	2,867	2,271
Navigational services to shipping	Establishments	4	5	5	5	7	6	11	9	8
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	65	75
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	4,540	4,355
Port & harbor operations	Establishments	NA ⁴	NA ⁴	NA ⁴	3	3	3	4	3	4
	Employees	NA ⁴	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	ND ³	69	63
	Payroll	NA ⁴	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	ND ³	647	1,289
Ship & boat building	Establishments	54	56	50	53	55	50	47	49	43
	Employees	599	577	617	ND ³	ND ³	588	ND ³	588	603
	Payroll	18,503	18,813	21,710	ND ³	ND ³	20,050	ND ³	26,445	28,402

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

²CFLQ data for 2000 were not available. Data from 2001 are reported here.

³ND = these data are confidential thus not disclosable

⁴NA = these data are not available

2009 Economic Impacts of the New Hampshire Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	4,951	651,278	152,553	242,845
Commercial Harvesters	527	31,058	8,778	13,632
Seafood Processors & Dealers	525	56,689	22,276	28,723
Importers	1,600	440,203	70,551	134,193
Seafood Wholesalers & Distributors	307	39,363	13,876	18,260
Retail	1,992	83,963	37,072	48,037

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	16,197	17,865	16,689	15,127	17,214	22,084	18,915	17,045	17,466	17,708
Finfish & other	7,848	8,231	7,350	5,748	6,449	6,840	4,855	4,151	4,819	5,528
Shellfish	8,349	9,634	9,339	9,380	10,765	15,244	14,059	12,895	12,647	12,181
American lobster	7,081	8,072	2	ND ¹	10,199	14,377	13,915	ND ³	12,267	11,914
Atlantic cod	1,807	2,017	1,983	1,853	2,244	1,913	1,705	1,972	2,311	2,587
Atlantic herring	306	399	783	1,170	1,150	1,255	199	147	ND ³	271
Goosefish	2,715	2,812	1,853	1,097	1,456	1,484	794	375	290	280
Haddock	187	181	134	144	157	136	132	123	89	68
Hake	463	367	321	303	200	279	219	244	ND ³	215
Pollock	1,045	891	847	589	569	1,138	1,221	902	ND ³	1,284
Sea scallop	ND ³	689	726	375	276	527	24	30	16	4
Shrimp	375	369	104	212	222	340	120	322	291	188
Spiny dogfish	605	148	85	27	0	ND ³	183	ND ³	414	514

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	17,886	18,584	23,200	27,435	23,796	21,281	10,820	8,422	10,463	13,886
Finfish & other	14,931	15,078	20,354	24,747	21,074	18,081	7,857	5,166	7,178	10,094
Shellfish	2,954	3,505	2,846	2,688	2,722	3,200	2,963	3,256	3,284	3,792
American lobster	1,710	2,028	0	ND ³	2,097	2,556	2,666	ND ³	2,567	2,984
Atlantic cod	1,756	1,976	1,583	1,458	1,633	1,293	1,023	1,168	1,479	1,985
Atlantic herring	5,582	7,015	14,125	18,933	15,621	12,562	2,020	936	ND ³	3,120
Goosefish	1,873	2,463	1,876	1,629	1,640	1,226	621	317	249	249
Haddock	134	135	95	108	123	99	73	61	53	45
Hake	1,094	820	557	729	405	372	241	313	ND ³	424
Pollock	1,337	1,183	997	1,109	1,202	1,997	2,566	2,025	ND ³	2,019
Sea scallop	ND ³	171	177	100	44	76	3	4	2	1
Shrimp	468	506	90	223	432	567	294	783	572	359
Spiny dogfish	2,334	536	349	175	0	ND ³	620	ND ³	1,370	1,885

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
American lobster	4.14	3.98	3.86	ND ³	4.86	5.62	5.22	ND ³	4.78	3.99
Atlantic cod	1.03	1.02	1.25	1.27	1.37	1.48	1.67	1.69	1.56	1.30
Atlantic herring	0.05	0.06	0.06	0.06	0.07	0.10	0.10	0.16	ND ³	0.09
Goosefish	1.45	1.14	0.99	0.67	0.89	1.21	1.28	1.18	1.17	1.13
Haddock	1.39	1.35	1.41	1.33	1.27	1.38	1.82	2.01	1.70	1.52
Hake	0.42	0.45	0.58	0.41	0.49	0.75	0.91	0.78	ND ³	0.51
Pollock	0.78	0.75	0.85	0.53	0.47	0.57	0.48	0.45	ND ³	0.64
Sea scallop	ND ³	4.04	4.10	3.76	6.22	6.89	7.44	8.26	7.68	7.22
Shrimp	0.80	0.73	1.16	0.95	0.51	0.60	0.41	0.41	0.51	0.52
Spiny dogfish	0.26	0.28	0.24	0.16	0.18	ND ³	0.30	ND ³	0.30	0.27

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	152	12,524	4,181	7,338
Private Boat	47	4,851	1,678	2,932
Shore	54	4,908	1,716	2,908
Total Durable Equipment Impacts	165	23,233	8,192	11,839
Total State Trip and Durable Equipment Economic Impacts	418	45,516	15,768	25,016

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	12,555
For-Hire	5,507	3,201	Other Equipment	3,465
Private Boat	777	4,124	Boat Expenses	3,886
Shore	2,549	2,060	Vehicle Expenses	9,905
<i>Total Trip Expenditures</i>	<i>8,833</i>	<i>9,384</i>	Second Home Expenses	0
			<i>Total Durable Equipment Expenditures</i>	<i>29,811</i>
Total State Trip and Durable Equipment Expenditures				48,028

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	77	68	60	91	81	105	90	97	63	67
Non-Coastal	10	13	11	16	13	14	15	13	8	9
Out of State	85	74	65	75	69	84	82	63	46	58
Total Anglers	172	154	137	182	163	203	187	172	118	134

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	34	83	29	35	39	47	88	94	82	98
Private	145	177	143	230	141	236	192	248	147	149
Shore	189	100	147	150	181	237	267	196	119	167
Total Trips	368	360	318	416	360	520	547	538	349	414

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic cod	H	70	164	39	108	44	69	61	51	73	148
	R	148	184	70	208	56	143	225	221	198	244
Atlantic mackerel	H	581	828	212	409	86	333	153	151	573	1,135
	R	120	297	69	61	10	25	31	11	58	86
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	1	8	19	8	21	23	10	32	6	1
	R	1	14	14	17	10	42	26	18	2	2
Bottomfish, unidentified	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Flounder or sole, unidentified	H	4	(1)	(1)	(1)	2	1	(1)	5	(1)	(1)
	R	9	2	5	1	2	4	6	2	2	(1)
Haddock	H	17	36	19	44	51	107	120	95	81	105
	R	29	50	43	128	17	36	86	41	18	29
Pollock	H	177	167	89	63	53	49	80	56	53	41
	R	293	265	63	42	28	29	39	15	18	46
Striped bass	H	4	15	13	25	10	26	15	7	7	11
	R	210	164	238	260	197	513	568	289	84	66
Winter flounder	H	8	9	8	7	2	3	10	13	14	9
	R	8	6	10	3	2	3	5	10	8	5

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
2000	37,414 (0.53%)	546,400 (0.48%)	17,826 (0.46%)	25,727 (0.45%)	44,067 (0.45%)	0.08 ²
2008	38,906 (0.51%)	595,384 (0.49%)	24,970 (0.49%)	35,377 (0.41%)	59,131 (0.44%)	ND ³
% change	3.99%	8.96%	40.1%	37.5%	34.2%	NA ⁴

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	NA ⁴	NA ⁴	0	7	4	4	4	5	0
	Receipts	NA ⁴	NA ⁴	ND ³	1,205	1,147	842	1,087	927	ND ³
Seafood Sales, retail	Firms	6	8	9	14	15	11	10	11	17
	Receipts	419	1,055	862	960	1,438	1,330	1,496	1,540	1,894

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	10	8	9	11	10	10	10	7	7
	Employees	298	ND ³	368	322	448	418	ND ³	ND ³	ND ³
	Payroll	9,952	ND ³	13,452	13,676	18,886	16,275	ND ³	ND ³	ND ³
Seafood sales, wholesale	Establishments	14	14	14	11	12	10	9	8	8
	Employees	68	75	78	ND ³	82	ND ³	ND ³	92	101
	Payroll	1,813	2,222	2,093	ND ³	2,511	ND ³	ND ³	3,360	4,142
Seafood sales, retail	Establishments	7	9	9	12	12	12	15	15	14
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	79	78	93	83
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	2,053	2,201	2,077	2,011

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	1	1	1	NA ⁴	NA ⁴	1	1	1	NA ⁴
	Employees	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	NA ⁴
	Payroll	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	NA ⁴
Deep sea freight transportation	Establishments	2	1	1	1	1	2	2	1	1
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Deep sea passenger transportation	Establishments	1	1	1	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴
	Employees	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴
	Payroll	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴
Marinas	Establishments	39	42	36	40	40	38	35	35	37
	Employees	249	209	228	196	226	194	ND ³	171	173
	Payroll	7,768	8,135	10,872	9,043	9,315	8,871	ND ³	7,774	8,114
Marine cargo handling	Establishments	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	1	NA ⁴
	Employees	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	ND ³	NA ⁴
	Payroll	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	ND ³	NA ⁴
Navigational services to shipping	Establishments	2	2	2	3	3	4	4	2	2
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Port & harbor operations	Establishments	1	1	1	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴
	Employees	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴
	Payroll	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴	NA ⁴
Ship & boat building	Establishments	5	6	8	10	8	6	6	8	9
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³

¹The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.²CFLQ data for 2000 were not available. Data from 2001 are reported here.³ND = these data are confidential thus not disclosable⁴NA = these data are not available

2009 Economic Impacts of the Rhode Island Seafood Industry (thousands of dollars)

	Jobs	Sales	Income	Value Added
Total Impacts	7,888	905,714	219,489	347,570
Commercial Harvesters	1,664	106,208	31,603	49,609
Seafood Processors & Dealers	393	41,186	15,960	20,740
Importers	2,044	562,327	90,124	171,422
Seafood Wholesalers & Distributors	429	51,853	18,373	24,175
Retail	3,357	144,139	63,429	81,624

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total revenue	80,965	68,657	64,718	66,088	77,565	91,408	98,488	73,548	68,890	61,663
Finfish & other	26,949	26,503	25,115	24,408	25,821	24,672	28,123	24,999	22,994	23,465
Shellfish	54,016	42,154	39,602	41,679	51,744	66,736	70,366	48,548	45,896	38,198
All other flounders	3,962	3,085	3,194	2,728	2,136	1,734	3,499	3,585	2,138	1,455
American lobster	28,103	18,747	15,875	16,731	14,624	23,009	18,391	12,152	12,988	11,221
Atlantic herring	2,337	2,295	1,312	1,195	1,187	1,075	2,667	982	634	1,260
Atlantic mackerel	444	280	3,031	2,385	3,815	2,888	3,293	1,182	ND ¹	3,301
Goosefish	6,892	5,455	4,757	4,813	3,421	4,549	4,481	3,533	3,590	2,956
Quahog clam	7,991	7,208	7,043	6,370	5,868	3,438	3,481	5,081	5,856	2,862
Scups or porgies	1,252	1,282	2,229	2,098	1,990	2,319	2,778	2,783	2,335	2,689
Sea scallop	1,392	684	ND ³	279	1,512	13,268	20,783	8,963	2,170	2,342
Squid	12,937	11,596	13,208	14,319	25,133	16,973	16,753	ND ³	4,147	15,249
Summer flounder	3,800	3,787	3,992	4,060	5,309	5,866	5,042	4,416	4,592	4,543

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total landings	121,371	116,713	103,530	97,456	115,037	97,565	112,606	75,186	71,935	84,495
Finfish & other	82,008	82,871	70,552	62,340	62,169	47,820	60,590	40,849	34,465	46,314
Shellfish	39,363	33,842	32,978	35,116	52,868	49,745	52,016	34,338	37,471	38,180
All other flounders	4,070	3,148	2,781	2,428	2,360	1,315	1,848	1,871	1,115	1,027
American lobster	6,908	4,452	3,835	3,475	3,064	4,344	3,749	2,294	2,772	2,832
Atlantic herring	40,414	36,400	12,774	13,440	13,491	11,605	23,150	7,537	4,511	9,528
Atlantic mackerel	1,939	1,131	20,930	10,768	15,269	8,075	10,143	4,242	ND ³	9,057
Goosefish	5,897	6,081	5,148	6,830	4,288	4,143	3,858	3,117	3,120	2,705
Quahog clam	1,409	1,220	1,192	1,131	1,080	642	679	614	567	511
Scups or porgies	1,017	1,617	3,675	3,814	3,425	3,424	3,643	3,933	2,152	3,619
Sea scallop	238	181	ND ³	76	249	1,612	3,290	1,357	310	356
Squid	26,051	22,769	23,713	25,862	43,697	22,135	21,294	ND ³	11,757	26,452
Summer flounder	1,704	1,799	2,286	2,178	3,085	2,925	2,123	1,516	1,473	1,794

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All other flounders	0.97	0.98	1.15	1.12	0.90	1.32	1.89	1.92	1.92	1.42
American lobster	4.07	4.21	4.14	4.82	4.77	5.30	4.91	5.30	4.69	3.96
Atlantic herring	0.06	0.06	0.10	0.09	0.09	0.09	0.12	0.13	0.14	0.13
Atlantic mackerel	0.23	0.25	0.14	0.22	0.25	0.36	0.32	0.28	ND ³	0.36
Goosefish	1.17	0.90	0.92	0.70	0.80	1.10	1.16	1.13	1.15	1.09
Quahog clam	5.67	5.91	5.91	5.63	5.43	5.35	5.13	8.27	10.33	5.60
Scups or porgies	1.23	0.79	0.61	0.55	0.58	0.68	0.76	0.71	1.09	0.74
Sea scallop	5.86	3.78	ND ³	3.67	6.07	8.23	6.32	6.61	7.00	6.58
Squid	0.50	0.51	0.56	0.55	0.58	0.77	0.79	ND ³	0.35	0.58
Summer flounder	2.23	2.11	1.75	1.86	1.72	2.01	2.38	2.91	3.12	2.53

¹ND = these data are confidential thus not disclosable

2009 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	84	7,723	2,619	4,617
Private Boat	160	15,023	5,300	8,999
Shore	262	21,974	7,622	12,635
Total Durable Equipment Impacts	500	69,098	20,203	29,803
Total State Trip and Durable Equipment Economic Impacts	1,005	113,817	35,744	56,055

2009 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
			Fishing Tackle	40,040
For-Hire	4,580	1,241	Other Equipment	12,601
Private Boat	8,346	7,029	Boat Expenses	11,048
Shore	15,544	4,203	Vehicle Expenses	18,067
<i>Total Trip Expenditures</i>	<i>28,470</i>	<i>12,473</i>	Second Home Expenses	1,317
			<i>Total Durable Equipment Expenditures</i>	<i>83,074</i>
Total State Trip and Durable Equipment Expenditures				124,017

Recreational Anglers by Residential Area (thousands of anglers)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal	112	137	134	147	129	145	177	171	169	111
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	184	260	214	253	237	241	291	229	297	209
Total Anglers	296	397	348	400	366	386	468	401	465	320

Recreational Fishing Effort by Mode (thousands of trips)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
For-Hire	40	20	37	60	51	48	52	61	60	55
Private	737	687	595	582	615	772	671	621	783	414
Shore	596	789	880	952	836	790	982	863	778	572
Total Trips	1,373	1,496	1,512	1,595	1,503	1,611	1,704	1,545	1,621	1,042

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Atlantic bonito	H	3	2	11	2	6	1	(1)	4	(1)	(1)
	R	1	1	1	4	5	1	(1)	5	1	(1)
Atlantic cod	H	39	6	6	1	3	1	2	1	2	4
	R	20	2	8	5	3	2	2	1	1	7
Black seabass	H	197	123	78	70	53	56	53	54	51	32
	R	401	151	241	205	39	52	259	162	168	119
Bluefish	H	280	365	325	334	307	310	362	327	337	62
	R	497	893	801	932	818	558	655	860	459	188
Porgies (scup)	H	1,235	1,134	603	1,027	908	446	428	452	569	171
	R	876	1,074	933	805	517	666	884	736	1,286	332
Striped bass	H	95	80	78	115	85	113	74	102	56	75
	R	542	377	530	449	670	741	1,356	741	436	358
Summer flounder	H	807	268	191	205	288	188	264	232	207	51
	R	921	392	770	351	297	341	1,044	867	968	348
Winter flounder	H	51	82	30	8	8	1	1	1	1	2
	R	17	17	20	1	3	(1)	(1)	3	1	1
Wrasses (tautog)	H	39	40	62	120	173	106	81	164	99	87
	R	64	74	135	197	153	212	188	205	134	190
Yellowfin tuna	H	5	1	1	2	(1)	1	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	11	(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
2000	28,534 (0.4%)	415,168 (0.36%)	12,586 (0.32%)	19,646 (0.34%)	33,522 (0.34%)	2.88 ²
2008	29,759 (0.39%)	433,562 (0.36%)	17,469 (0.34%)	27,005 (0.33%)	47,769 (0.34%)	2.59
% change	4.29%	4.43%	38.8%	37.5%	42.5%	-10.1%

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	0	0	0	0	0	6	8	8	7
	Receipts	ND ³	ND ³	ND ³	ND ³	ND ³	2,024	1,662	2,291	1,376
Seafood Sales, retail	Firms	14	17	20	16	14	16	24	23	19
	Receipts	1,860	2,577	2,433	2,227	2,186	2,215	3,266	3,536	2,748

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	6	6	9	7	7	7	7	6	8
	Employees	227	240	184	355	355	270	231	196	270
	Payroll	7,184	7,581	7,284	10,381	10,867	5,549	6,137	6,876	6,354
Seafood sales, wholesale	Establishments	40	41	39	38	35	32	36	35	29
	Employees	411	382	380	394	259	206	188	224	226
	Payroll	13,153	14,250	14,505	15,724	12,269	9,851	10,209	11,447	10,505
Seafood sales, retail	Establishments	26	26	27	29	34	31	28	27	23
	Employees	97	ND ³	151	162	163	140	ND ³	109	94
	Payroll	2,596	ND ³	3,015	2,870	2,707	2,447	ND ³	2,207	2,027

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal & Great Lakes freight transportation	Establishments	1	1	2	1	1	1	1	1	2
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Deep sea freight transportation	Establishments	2	2	1	1	2	2	2	2	2
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Deep sea passenger transportation	Establishments	3	3	2	3	NA ⁴	NA ⁴	NA ⁴	1	1
	Employees	ND ³	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	NA ⁴	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	NA ⁴	NA ⁴	NA ⁴	ND ³	ND ³
Marinas	Establishments	55	54	56	61	60	66	63	68	73
	Employees	504	555	522	405	475	408	457	463	476
	Payroll	14,698	18,967	17,609	14,456	15,111	15,843	18,748	22,029	23,204
Marine cargo handling	Establishments	4	3	3	1	1	1	2	2	5
	Employees	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Navigational services to shipping	Establishments	8	9	10	8	8	8	7	7	8
	Employees	ND ³	ND ³	36	46	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	ND ³	2,162	2,585	ND ³	ND ³	ND ³	ND ³	5,904
Port & harbor operations	Establishments	1	NA ⁴	NA ⁴	2	2	2	2	2	2
	Employees	ND ³	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
	Payroll	ND ³	NA ⁴	NA ⁴	ND ³	ND ³	ND ³	ND ³	ND ³	ND ³
Ship & boat building	Establishments	28	33	31	37	38	36	38	37	39
	Employees	1,079	ND ³	1,329	ND ³	ND ³	ND ³	1,325	1,374	1,342
	Payroll	37,259	ND ³	47,328	ND ³	ND ³	ND ³	52,682	55,788	54,225

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

²CFLQ data for 2000 were not available. Data from 2001 are reported here.

³ND = these data are confidential thus not disclosable

⁴NA = these data are not available