

New England Region

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



Sea scallops ready for processing, Northeast U.S.
(photo credit: NOAA Fisheries)

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, Monkfish and Spiny Dogfish, are developed in conjunction with the Mid-Atlantic Fisheries Management Council (MAFMC). The MAFMC is the lead Council for the Spiny Dogfish FMP and the NEFMC is the lead for the Monkfish FMP.

New England Regional 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

Twelve of the stocks or stock complexes covered in these fishery management plans were listed as overfished in 2013: Atlantic cod (two stocks), Atlantic halibut, Atlantic salmon, Atlantic wolffish, ocean pout, thorny skate, windowpane flounder, winter flounder, witch flounder, and yellowtail flounder (two stocks). White hake was removed from the overfished list in 2013. Nine stocks or stock complexes are currently subject to overfishing: Atlantic cod (two stocks), haddock, windowpane, witch flounder, yellowtail flounder (two stocks), thorny skate, and winter skate. White hake was removed from the overfishing list and thorny skate and winter skate were added to this list in 2013.

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 of 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 the four New England seamounts in the U.S. Exclusive Economic Zone.

Key events in 2014 included the implementation of emergency management measures for Gulf of Maine cod and Gulf of Maine haddock. The temporary cod measures included area closures, trip limits, and extended the length of a prohibition on recreational fishing for cod as well as other measures. These measures were intended to reduce harvest and protect spawning stock. These measures were deemed necessary following the 2014 stock assessment update that found Gulf of Maine cod to be severely depleted at just 3-4% of a sustainable abundance level. In contrast, the 2014 stock assessment of Gulf of Maine haddock found that the stock had improved since the last assessment and quota was increased. Subsequent management actions are planned for the 2015 fishing year.

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

Northeast Multispecies Sectors 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 eligible limited access permit holders 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 relative to the Baseline period (the 3-year period prior to implementation), the 2012 annual catch limit, landings, the number of active vessels, and inflation-adjusted catch share species revenue decreased while inflation-adjusted revenue per active vessel increased during this period.

The Northeast General Category Atlantic Sea Scallop IFQ Program began in 2010 with two primary objectives: 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 2012 inflation-adjusted scallop revenue and revenue per active vessel had increased but scallop quota, landings and the number of active vessels had decreased relative to the Baseline period.

COMMERCIAL FISHERIES

In 2013, commercial fishermen in New England landed 636 million pounds of finfish and shellfish, earning almost \$1.2 billion in landings revenue. American lobster (\$457 million) and sea scallop (\$366 million) dominated landings revenue. These species commanded average region-wide ex-vessel prices of \$3.08 and \$11.43 per pound, respectively. While comprising 71% of landings revenue, they were only 28% of New England landings.

Key New England Region Commercial Species

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

Economic Impacts¹

In 2013, the New England Region’s seafood industry generated \$7.7 billion in sales impacts in Massachusetts, \$1.9 billion in sales impacts in Maine, \$1 billion in sales impacts in Rhode Island, \$626 million in sales impacts in New Hampshire, and \$469 million in sales impacts in Connecticut. Massachusetts generated the largest impacts across the three other impact categories, generating over 100,000 jobs, \$2 billion in income, and \$3.1 billion in value added impacts. The smallest impacts were generated in Connecticut (3,000 jobs, \$99 million income, and \$165 million in value added impacts).

The sector that generated the greatest employment impacts by state was the retail sector, which generated 61,000 jobs in Massachusetts and 15,000 jobs in Maine. The harvest sector generated 16,000 jobs in Maine. More

sales impacts were generated by importers in Massachusetts than any other sector in any another state in the region at \$4 billion. The greatest value added impacts were also generated by importers in Massachusetts (\$1.2 billion).

Landings Revenue

Landings revenue in the New England Region totaled \$1.2 billion in 2013. This was a 41% increase (a 4% increase in real terms) from 2004 levels and a 2% decrease relative to 2012. Landings revenue was highest in Massachusetts (\$567 million) and lowest in Connecticut (\$15 million).

Shellfish landings revenue totaled \$957 million in 2013, a 53% increase (a 12% increase in real terms) from 2004 and a 1.1% increase relative to 2012. Shellfish landings revenue was greatest in Massachusetts (\$472 million) and Maine (\$402 million). Finfish landings revenue totaled \$205 million, a 5% increase (a 23% decrease in real terms) from 2004 to 2013 and a 16% decrease relative to 2012. Finfish revenue was highest in Massachusetts (\$95 million).

American lobster and sea scallop had the highest landings revenue in the New England Region in 2013, with \$457 million and \$366 million, respectively. Together they accounted for 71% of total landings revenue in 2013. Between 2004 and 2013, the landings revenue of American lobster increased 24% (a 9% decrease in real terms) while landings revenue of sea scallop increased 132% (a 70% increase in real terms). Landings revenue of sea scallop declined 6% relative to 2012 largely due to a 35% reduction in the catch limit that was implemented to protect young sea scallops and prevent localized overfishing.

Landings

Fishermen in the New England Region landed 636 million pounds of finfish and shellfish in 2013. This was a 12% decrease from 2004 and a 4% decrease from 2012. Finfish landings contributed 56% of total landings volume in the New England Region (359 million pounds) in 2013. From 2012 to 2013, finfish landings experienced a 6% decrease in volume. Shellfish landings experienced a 2% decrease from 2012. Atlantic herring had the highest annual landings (205 million pounds) in the New England Region in 2013.

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

Commercial Fisheries Facts

Landings revenue

- On average, between 2004 to 2013, the key species or species groups accounted for 84% of total revenue, generating \$1.1 billion annually in the New England Region.
- American lobster had higher landings revenues than any other species or species group, averaging \$385 million in landings revenue from 2004 to 2013.

Landings

- Key species or species groups contributed an average of 72% annually to total landings between 2004 to 2013, with an annual average of 648 million pounds.
- Atlantic herring contributed the most to landings in the region, averaging 188 million pounds from 2004 to 2013.

Prices

- Sea scallop had the highest average annual ex-vessel price per pound 2004 to 2013:\$7.92
- Atlantic herring had the lowest average annual ex-vessel price per pound 2004 to 2013:\$0.18.

From 2004 to 2013 landings of lobster experienced a notably large increase of 68%. Species or species groups with large decreases in landings during this time period include Atlantic mackerel (-89%), quahog clam (-74%), cod and haddock (-73%), squid (-61%), goosefish (-64%), and flounders (-60%). Species or species groups with large decreases in landings between 2012 and 2013 include bluefin tuna (-43%), cod and haddock (-39%), and squid (-35%). Cod and haddock landing declines were driven by a 77% reduction in the Gulf of Maine cod quota from 2012 levels. Much of the reduction in 2013 squid landings was associated with illex squid, which experienced a 25% reduction in price during this period. Illex is a lower value species so the incentive to fish for illex is sensitive to fuel prices. In addition, the price is highly dependent upon international markets, which are driven by the Falkland Islands illex fishery.

Prices

The ex-vessel prices for New England’s key species and species groups in 2013 were higher than their 10 year average for five of the key species (three of the species

in real terms). Ex-vessel prices for sea scallops (120%, 62% in real terms) and quahog clam (120%, 61% in real terms) increased the most between 2004 and 2013. Relative to ex-vessel prices in 2012, the New England Region’s sea scallop had the largest increase (15%).

RECREATIONAL FISHERIES

In 2013, 1.1 million recreational anglers took almost 6.3 million fishing trips in the New England Region. Over 91% of these anglers were residents of a regional coastal county. Of the total fishing trips taken, 55% were taken from a private or rental boat and another 37% were shore-based. Porgies (scup) was the most frequently caught species or species group with 6.9 million fish caught in 2013 and represented 30% of total fish caught in the region.

Key New England Recreational Species

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

Economic Impacts and Expenditures²

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 6,900 full- and part-time jobs generated by recreational fishing activities in the state. New Hampshire had the lowest employment impacts at just over 650 jobs.

In addition to employment impacts, the contribution of recreational fishing activities to New England’s economy can be measured in terms of sales, income impacts, and the contribution of these activities to gross domestic product (value added impacts). In 2013, sales, income, and value added impacts were the highest in Massachusetts with \$755 million in sales impacts, \$350 million in income impacts, and \$507 million in value added. These impacts were lowest in New Hampshire.

² Expenditure 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, 2011, available at: <https://www.st.nmfs.noaa.gov/economics/publications/marine-angler-expenditures/marine-angler-2011>).

Overall, total fishing trip and durable equipment expenditures across New England in 2013 were \$1.3 billion. Approximately 73% of these expenditures were related to durable equipment purchases. The greatest expenditures were for boat expenses (\$484 million), followed by fishing tackle (\$266 million), and vehicle expenses (\$122 million).

Fishing trip-related expenditures by New England's non-residents totaled over \$148 million of which the greatest portion can be attributed to for-hire-based fishing trips (\$74 million). Residents of New England spent \$201 million on saltwater fishing trips, with most of these expenses related to private boat trips (\$120 million).

Participation

There were 1.1 million recreational anglers who fished in New England in 2013. This was a 13% decrease from 2004 and a 13% decrease from 2012. About 91% of these anglers were New England residents of a coastal county.

Recreational Fishing Facts

Participation

- An average of 1.4 million anglers fished in the New England Region annually from 2004 to 2013.
- Coastal county residents made up 89% of total anglers in this region from 2004 to 2013.

Fishing trips

- In the New England Region, an average of 7.8 million fishing trips were taken annually from 2004 to 2013.
- Private or rental boat and shore-based fishing trips accounted for an annual average of 4.1 million and 3.3 million fishing trips, respectively, from 2004 to 2013.

Harvest and release

- Striped bass was the most commonly caught key species or species group, averaging 6.8 million fish per year from 2004 to 2013, followed by porgies (scups) with 5.6 million fish.

Fishing Trips

Recreational fishermen took 6.3 million fishing trips in the New England Region in 2013. This was a 27% decrease from 2004 (8.6 million trips) and was a 2% increase from 2012. Of the total trips taken in the New England Region in 2013, approximately 55% of the trips

were private or rental boat based (3.5 million trips). The other most popular mode of fishing was shore based with 2.3 million trips in 2013.

Harvest and Release

The New England Region's species and species groups caught most frequently in 2013 were scup (6.9 million fish), striped bass (4.5 million fish), Atlantic mackerel (4 million fish), and bluefish (3.6 million fish).

MARINE ECONOMY³

Across all sectors of the economy in Connecticut, Maine, Massachusetts, New Hampshire, and Rhode Island nearly 5.9 million full- and part-time employees were employed by about 365,000 establishments in 2012. Annual payroll totaled \$318 billion. Total employee compensation in the New England region totaled \$476 billion and the combined gross state product of all states totaled about \$846 billion.⁴

The Commercial Fishing Location Quotient (CFLQ) provides a measure of the proportional size of this sector in a state's economy relative to the size of the commercial fishing sector in the national economy.⁵ The CFLQ is calculated as the ratio of the percentage of regional employment in the commercial fishing sector relative to the percentage of national employment in the commercial fishing sector. The US CFLQ is 1; a state CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

Commercial fishing location quotient (CFLQ) values were available for only two of the five states in the New England region, Maine and Rhode Island. Both states show a higher concentration of fishing-related industries than the national economy as a whole. Maine had a CFLQ of 17.38 and Connecticut had a CFLQ of 3.51 in 2012. This suggests that the level of employment in commercial fishing-related industries in Maine and Connecticut are 17 times higher and 4 times higher, respectively, than the level of employment in these industries nationwide.

For this report, the marine economy, a subset of the regional economy, is comprised of two industry

³ Unless otherwise stated, data is from the U.S. Census Bureau, <http://censtats.census.gov/> (accessed September 15, 2014).

⁴ U.S. Bureau of Economic Analysis, "Table 1.1.5 Gross Domestic Product" and "Table SA6N Compensation of Employees by NAICS Industry," http://www.bea.gov/iTable/index_nipa.cfm (accessed September 15, 2014).

⁵ U.S. Bureau of Labor Statistics, "Location Quotient Calculator," http://data.bls.gov/location_quotient/ (accessed September 15, 2014).

sectors: 1) seafood sales and processing, which includes both employer establishments and nonemployer firms (businesses that have no paid employees and are subject to federal income tax); and 2) transport, support, and marine operations (employer establishments only). These sectors are comprised of several different marine-related industries. The following sections discuss the contribution of these industries to the national marine economy in terms of the number of establishments or firms, employees, and total annual payroll or receipts.

Seafood Sales and Processing

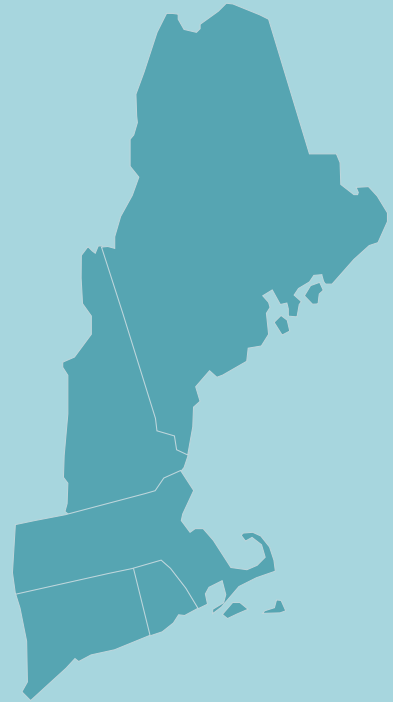
In 2012, there were 106 nonemployer firms (businesses that have no paid employees and are subject to federal income tax) engaged in seafood product preparation and packaging across New England. This was a 14 % increase from 2004. Maine (51) and Massachusetts (25) had the most establishments in this sector. Region-wide, these firms had receipts totaling \$8.5 million in 2012. The number of employer establishments in this sector decreased 21% from 2004 to 2012 to 80. The majority of these operations were located in Massachusetts (39) and Maine (29). In 2012, payroll in this sector totalled \$98.7 million with employment of 2,359 in Maine, Massachusetts and New Hampshire (due to confidentiality restrictions, this information is not available for Connecticut and Rhode Island).

There were 332 seafood wholesale establishments in the New England region in 2012, a decrease of 15% from 2004. The majority of these firms were located in Massachusetts (140) or Maine (136). The number of employees in the seafood wholesale sector decreased by less than 1% from 2004 to 2012 to 3,452 employees. Payroll in this sector was \$169 million in 2012. Nonemployer firms engaged in seafood retail sales in the New England region totaled 164 in 2012, a 5% decrease from 2004 levels. Massachusetts (65) and Maine (46) had the largest number of firms in this sector. Region-wide, there were 232 employer establishments in the seafood retail sales sector in 2012, a decrease of 11% from 2004. Most of these firms were located in Massachusetts (114) and Maine (48). There 2343 1,183 employees in this sector and payroll was \$32 million in 2012.

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, 480 establishments were classified as marinas over all five states, employing 3,217 workers that were paid \$154 million in 2012.

Tables | New England Region



2013 Economic Impacts of the New England Seafood Industry (thousands of dollars)

	Landings Revenue	With Imports				Without Imports			
		Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Connecticut	14,632	2,991	469,190	98,969	164,639	881	51,314	17,588	24,520
Maine	473,888	35,306	1,914,481	635,418	917,777	33,922	1,712,481	592,003	846,442
Massachusetts	566,858	100,108	7,706,079	2,021,479	3,073,305	64,279	2,365,086	874,479	1,190,413
New Hampshire	20,190	5,004	626,123	149,086	235,843	1,759	96,524	35,719	48,846
Rhode Island	86,419	9,560	980,903	250,218	389,023	5,439	304,170	111,135	155,119

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	821,573	970,516	1,132,841	895,381	808,816	787,206	960,142	1,102,427	1,191,386	1,161,986
Finfish & Other	194,911	200,751	329,541	178,614	190,211	176,889	190,179	211,846	244,160	204,563
Shellfish	626,662	769,765	803,300	716,768	618,605	610,317	769,963	890,581	947,227	957,424
Key Species										
American lobster	368,649	408,719	395,289	359,783	317,909	305,195	397,826	418,107	424,022	456,952
Atlantic herring	14,931	20,085	163,420	18,770	20,507	24,459	20,654	24,312	28,614	31,429
Atlantic mackerel	10,416	2,923	14,491	6,000	5,265	7,892	3,459	268	3,474	1,888
Bluefin tuna	4,297	3,864	1,715	2,077	2,993	4,448	8,470	9,258	8,394	3,649
Cod & haddock	40,089	39,824	31,856	39,326	47,166	38,745	49,710	48,777	29,968	16,394
Flounders	43,737	42,339	37,757	33,650	30,501	27,282	27,683	30,848	36,301	32,070
Goosefish	27,960	34,408	26,603	21,209	19,945	14,321	14,064	19,792	19,652	13,586
Quahog clam	16,721	6,707	28,356	30,026	8,901	9,002	9,713	8,316	9,276	9,379
Sea scallop	158,014	250,762	264,226	237,299	203,124	209,168	265,531	352,647	389,321	366,369
Squid	27,736	26,235	25,869	17,431	19,850	16,697	14,789	22,888	24,138	16,686

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	723,130	684,292	748,637	584,849	602,950	648,988	579,965	610,128	664,251	635,888
Finfish & Other	487,785	461,038	496,743	371,353	396,942	422,726	334,444	354,967	380,747	358,989
Shellfish	235,345	223,254	251,894	213,496	206,009	226,263	245,521	255,162	283,504	276,899
Key Species										
American lobster	88,679	86,224	94,347	79,435	86,229	99,199	116,037	125,140	148,277	148,566
Atlantic herring	188,201	212,389	240,626	158,077	167,709	210,786	140,589	171,855	189,299	204,739
Atlantic mackerel	88,124	8,223	99,752	50,760	38,359	39,398	16,904	883	9,650	9,590
Bluefin tuna	704	837	274	300	447	772	1,201	1,085	915	523
Cod & haddock	34,158	30,500	19,785	24,856	33,122	32,470	39,261	30,109	14,822	9,075
Flounders	40,966	30,290	19,530	16,089	15,411	16,229	14,528	17,910	19,502	16,302
Goosefish	39,735	34,873	26,146	19,968	17,757	14,256	12,378	14,700	16,372	14,330
Quahog clam	6,231	1,088	6,195	4,630	1,468	1,628	1,790	1,513	1,570	1,593
Sea scallop	30,462	32,038	41,229	35,390	28,867	31,604	32,888	35,287	39,189	32,050
Squid	47,473	43,117	43,681	26,089	28,617	28,015	21,722	27,908	27,995	18,242

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American lobster	4.16	4.74	4.19	4.53	3.69	3.08	3.43	3.34	2.86	3.08
Atlantic herring	0.08	0.09	0.68	0.12	0.12	0.12	0.15	0.14	0.15	0.15
Atlantic mackerel	0.12	0.36	0.15	0.12	0.14	0.20	0.20	0.30	0.36	0.20
Bluefin tuna	6.10	4.62	6.26	6.93	6.69	5.76	7.05	8.54	9.18	6.98
Cod & haddock	1.17	1.31	1.61	1.58	1.42	1.19	1.27	1.62	2.02	1.81
Flounders	1.07	1.40	1.93	2.09	1.98	1.68	1.91	1.72	1.86	1.97
Goosefish	0.70	0.99	1.02	1.06	1.12	1.00	1.14	1.35	1.20	0.95
Quahog clam	2.68	6.16	4.58	6.49	6.06	5.53	5.43	5.50	5.91	5.89
Sea scallop	5.19	7.83	6.41	6.71	7.04	6.62	8.07	9.99	9.93	11.43
Squid	0.58	0.61	0.59	0.67	0.69	0.60	0.68	0.82	0.86	0.91

2013 Economic Impacts of the New England Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Sales	Income	Value Added
Maine	596	1,364	128,228	50,288	77,145
New Hampshire	313	666	62,809	29,570	41,166
Massachusetts	2,939	6,923	755,484	349,514	507,160
Rhode Island	1,229	2,520	226,102	102,115	155,398
Connecticut	1,210	703	87,190	36,869	62,557

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	265,861
For-Hire	73,608	37,500	Other Equipment	54,616
Private Boat	36,397	120,394	Boat Expenses	483,554
Shore	38,717	43,033	Vehicle Expenses	121,660
Total	148,721	200,927	Second Home Expenses	2,110
			Total Durable Expenditures	927,801
Total State Trip and Durable Equipment Expenditures				1,277,449

Recreational Anglers by Residential Area (thousands of anglers)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	1,155	1,349	1,408	1,408	1,389	1,222	1,317	1,156	1,171	1,043
Non-Coastal	165	169	188	205	187	165	169	131	144	100
Out-of-State	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Anglers	1,319	1,518	1,596	1,614	1,576	1,387	1,486	1,288	1,316	1,143

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

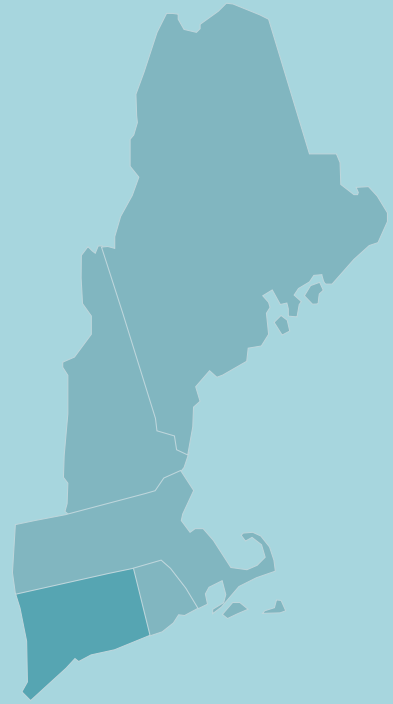
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	333	419	457	518	512	464	321	367	345	516
Private	4,370	5,059	4,651	4,820	4,894	3,374	3,967	3,161	3,132	3,459
Shore	3,935	3,719	4,106	3,951	3,735	3,321	2,926	2,532	2,687	2,313
Total Trips	8,638	9,197	9,213	9,289	9,141	7,160	7,213	6,060	6,164	6,287

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic cod	H	421	485	203	305	384	390	509	532	336	392
	R	775	1,108	722	964	954	833	1,071	915	471	641
Atlantic mackerel	H	1,576	2,940	4,180	1,885	3,357	2,463	3,472	5,336	3,277	3,707
	R	174	62	559	116	453	344	381	536	484	279
Bluefin tuna	H	1	12	3	11	9	8	1	2	10	(1)
	R	4	8	7	10	1	5	(1)	5	4	(1)
Bluefish	H	1,232	1,200	1,647	1,513	1,460	673	1,184	658	1,502	1,685
	R	3,125	3,013	3,639	2,906	2,995	1,436	1,846	1,931	1,950	1,957
Little tunny	H	9	(1)	1	5	(1)	1	2	(1)	10	1
	R	85	55	26	65	16	17	20	44	103	14
Porgies (scup)	H	5,202	1,595	1,426	3,048	1,944	1,498	2,411	2,287	2,952	3,790
	R	2,542	2,194	2,638	2,802	4,048	3,277	3,586	2,376	3,530	3,084
Striped bass	H	689	700	593	597	602	548	527	458	531	701
	R	7,253	9,943	14,094	8,367	7,714	4,164	2,769	2,040	1,780	3,801
Summer flounder	H	690	589	642	426	584	167	198	267	242	429
	R	896	1,419	2,850	1,044	2,112	908	818	1,252	937	1,457
Winter flounder	H	57	43	50	52	180	113	104	100	55	43
	R	36	42	46	44	70	102	86	60	28	24
Wrasses (tautog)	H	163	269	362	569	304	197	358	79	323	291
	R	366	594	638	1,426	515	396	562	384	909	935

¹ NA = 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.
² In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

Tables | Connecticut



2013 Economic Impacts of the Connecticut Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	2,991	469,190	98,969	164,639	881	51,314	17,588	24,520
Commercial Harvesters	440	25,745	7,061	10,880	440	25,745	7,061	10,880
Seafood Processors & Dealers	125	12,790	4,884	6,314	55	5,573	2,128	2,751
Importers	1,288	354,300	56,783	108,006	0	0	0	0
Seafood Wholesalers & Distributors	191	30,141	9,866	13,256	17	2,707	886	1,190
Retail	948	46,214	20,373	26,184	370	17,290	7,512	9,699

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	33,399	37,570	36,892	42,053	17,206	15,007	17,626	19,662	20,608	14,632
Finfish & Other	4,575	5,097	3,732	3,421	3,987	3,172	5,284	4,654	5,194	5,172
Shellfish	28,825	32,474	33,161	38,632	13,219	11,835	12,342	15,008	15,414	9,460
Key Species										
American lobster	3,166	3,821	4,031	3,222	2,102	1,763	1,894	782	1,026	577
Eastern oyster	1,356	NA	2,206	5,142	NA	NA	NA	NA	NA	NA
Flounders	1,075	1,170	1,027	881	802	736	892	1,038	1,003	1,086
Goosefish	580	658	346	512	551	591	564	976	1,000	1,022
Hake	2,028	2,432	1,628	1,232	1,619	1,149	1,417	1,705	1,460	1,416
Quahog clam	10,690	NA	18,135	20,531	NA	NA	NA	NA	NA	NA
Scups or Porgies	191	263	302	311	383	196	272	407	833	705
Sea scallop	11,203	9,761	7,229	8,605	10,032	8,952	9,458	13,007	11,996	7,219
Snails (conchs)	209	233	533	312	35	NA	NA	NA	NA	NA
Squid, loligo	1,298	1,224	954	744	546	260	473	694	1,713	1,257

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	18,192	13,628	11,750	10,050	7,131	6,568	6,698	7,090	8,673	7,957
Finfish & Other	6,832	6,548	5,807	3,931	4,552	4,248	4,485	5,010	5,705	5,926
Shellfish	11,359	7,080	5,943	6,119	2,578	2,320	2,213	2,081	2,968	2,030
Key Species										
American lobster	647	714	793	569	426	412	442	159	241	127
Eastern oyster	186	NA	77	193	NA	NA	NA	NA	NA	NA
Flounders	637	582	458	345	283	308	334	429	356	426
Goosefish	897	524	496	460	424	546	358	630	716	967
Hake	2,936	3,735	2,632	1,839	2,465	2,194	2,151	2,199	2,011	1,821
Quahog clam	5,137	NA	2,665	3,067	NA	NA	NA	NA	NA	NA
Scups or Porgies	256	328	298	256	282	204	324	644	905	1,195
Sea scallop	2,172	1,272	1,104	1,313	1,407	1,386	1,260	1,318	1,230	640
Snails (conchs)	31	50	101	117	47	NA	NA	NA	NA	NA
Squid, loligo	1,699	1,537	1,157	811	523	256	366	498	1,376	1,098

Average Annual Price of Key Species/Species Groups (dollars per pound)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American lobster	4.89	5.35	5.08	5.67	4.93	4.27	4.29	4.91	4.25	4.53
Eastern oyster	7.30	NA	28.61	26.64	NA	NA	NA	NA	NA	NA
Flounders	1.69	2.01	2.25	2.55	2.84	2.39	2.67	2.42	2.82	2.55
Goosefish	0.65	1.26	0.70	1.11	1.30	1.08	1.58	1.55	1.40	1.06
Hake	0.69	0.65	0.62	0.67	0.66	0.52	0.66	0.78	0.73	0.78
Quahog clam	2.08	NA	6.80	6.69	NA	NA	NA	NA	NA	NA
Scups or Porgies	0.75	0.80	1.01	1.22	1.36	0.96	0.84	0.63	0.92	0.59
Sea scallop	5.16	7.67	6.55	6.55	7.13	6.46	7.51	9.87	9.75	11.29
Snails (conchs)	6.69	4.66	5.28	2.66	0.75	NA	NA	NA	NA	NA
Squid, loligo	0.76	0.80	0.82	0.92	1.04	1.01	1.29	1.39	1.25	1.15

¹ NA = these data are confidential thus not disclosable.

2013 Economic Impacts of Connecticut Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	185	17,847	7,854	10,323
	Private Boat	192	22,132	9,797	15,537
	Shore	50	4,477	1,992	3,041
Total Durable Expenditures		276	42,734	17,226	33,656
Total State Economic Impacts		703	87,190	36,869	62,557

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	7,825
For-Hire	1,085	8,908	Other Equipment	1,517
Private Boat	3,052	20,669	Boat Expenses	34,942
Shore	122	4,027	Vehicle Expenses	0
Total	4,259	33,604	Second Home Expenses	0
			Total Durable Expenditures	44,284
Total State Trip and Durable Equipment Expenditures				82,147

Recreational Anglers by Residential Area (thousands of anglers)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	297	323	336	302	381	438	402	420	397	198
Non-Coastal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out-of-State	63	77	44	61	123	93	112	98	67	43
Total Anglers	359	400	380	363	504	531	514	518	464	240

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	31	35	49	63	74	43	41	46	27	63
Private	956	1,174	868	1,097	1,292	711	871	863	825	830
Shore	573	485	571	559	609	665	614	399	475	316
Total Trips	1,560	1,693	1,488	1,719	1,975	1,419	1,526	1,309	1,326	1,210

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic cod	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bluefish	H	589	247	507	451	623	262	591	307	480	894
	R	979	576	1,167	888	1,144	295	715	997	679	726
Hickory shad	H	12	54	63	35	(1)	(1)	1	16	39	8
	R	21	32	144	4	5	(1)	(1)	(1)	(1)	1
Little tunny	H	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	(1)	(1)
	R	3	(1)	(1)	1	(1)	9	8	14	57	(1)
Porgies (scup)	H	1,072	508	532	925	549	289	1,088	933	868	930
	R	538	753	740	1,006	974	1,204	1,192	539	1,049	1,212
Striped bass	H	103	141	115	119	108	61	93	63	65	143
	R	827	1,762	987	985	3,105	1,161	671	612	265	778
Summer flounder	H	216	157	138	112	146	45	35	47	63	270
	R	270	779	1,111	297	991	428	373	345	306	867
White perch	H	(1)	(1)	(1)	(1)	7	60	(1)	(1)	10	(1)
	R	10	(1)	15	18	52	72	(1)	(1)	48	2
Winter flounder	H	3	4	(1)	(1)	(1)	12	14	19	9	(1)
	R	14	(1)	21	15	(1)	7	12	(1)	7	4
Wrasses (tautog)	H	16	36	201	353	167	86	116	26	194	105
	R	77	149	108	745	250	112	257	36	599	455

¹ NA = 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.
² In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

Connecticut's State Economy (% of national total)^{1,2}

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ³
2004	93,011 (1.3%)	1,537,461 (1.3%)	72.85 (1.7%)	106.40 (1.6%)	199.39 (1.6%)	ds
2012	88,210 (1.2%)	1,463,732 (1.3%)	84.56 (1.6%)	128.21 (1.5%)	242.93 (1.5%)	ds
% change	-5.4	-5	13.9	17	17.9	NA

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)^{1,2}

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	7	7	11	ds	18	17	17	14	13
	Receipts	1,404	551	3,206	ds	2,375	2,550	1,518	1,066	882
Seafood sales, retail	Firms	25	24	15	26	25	23	25	21	21
	Receipts	3,115	3,313	2,915	4,436	3,247	2,142	2,473	2,165	1,388

Seafood Sales & Processing - Employer Establishments (thousands of dollars)^{1,2}

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	3	3	4	3	3	2	2	2	1
	Employees	ds	113	119	ds	59	ds	ds	ds	ds
	Payroll	ds	3,656	4,242	ds	1,040	ds	ds	ds	ds
Seafood sales, wholesale	Establishments	19	17	19	20	24	25	23	24	16
	Employees	181	ds	ds	183	185	212	216	212	187
	Payroll	7,688	ds	ds	8,347	8,551	8,842	9,219	9,224	8,237
Seafood sales, retail	Establishments	38	39	35	36	35	36	39	37	37
	Employees	202	187	196	177	203	205	204	171	233
	Payroll	5,060	5,028	4,937	5,252	5,248	5,551	5,563	4,824	6,349

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)^{1,2}

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	5	5	4	4	5	5	6	5	10
	Employees	ds	ds	ds	ds	ds	ds	ds	95	256
	Payroll	ds	ds	ds	ds	ds	ds	8,148	7,856	32,789
Deep sea freight transportation	Establishments	13	11	14	14	12	12	10	11	14
	Employees	260	310	235	228	243	222	225	225	297
	Payroll	37,013	36,766	47,845	48,110	46,595	45,045	29,407	41,302	37,711
Deep sea passenger transportation	Establishments	2	2	1	2	1	1	1	1	1
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Marinas	Establishments	117	117	119	124	125	126	129	128	130
	Employees	1,016	994	1,024	1,224	1,352	1,261	1,284	1,283	1,257
	Payroll	41,952	42,754	44,829	50,809	60,016	58,065	58,877	59,851	60,803
Marine cargo handling	Establishments	1	3	3	5	4	3	3	3	0
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	NA
	Payroll	ds	ds	ds	5,925	ds	ds	ds	ds	NA
Navigational services to shipping	Establishments	6	8	9	6	6	6	6	5	2
	Employees	ds	45	69	ds	ds	5	ds	5	ds
	Payroll	ds	1,768	2,423	432	338	696	242	898	ds
Port & harbor operations	Establishments	4	4	4	4	8	8	6	5	4
	Employees	ds	ds	ds	ds	179	166	122	34	ds
	Payroll	ds	ds	ds	ds	6,136	5,787	2,162	848	1,414
Ship & boat building	Establishments	17	17	17	22	15	13	12	11	8
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds

¹ ds = these data are suppressed.

² NA = not applicable.

³ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

Tables | Maine



2013 Economic Impacts of the Maine Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	35,306	1,914,481	635,418	917,777	33,922	1,712,481	592,003	846,442
Commercial Harvesters	15,971	905,177	247,981	405,236	15,971	905,177	247,981	405,236
Seafood Processors & Dealers	2,646	182,559	73,295	93,655	2,430	167,520	67,257	85,940
Importers	572	157,214	25,197	47,926	0	0	0	0
Seafood Wholesalers & Distributors	1,083	101,997	36,588	47,610	955	89,871	32,238	41,949
Retail	15,034	567,535	252,357	323,350	14,566	549,913	244,527	313,318

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	367,459	392,122	391,293	344,022	308,233	292,315	380,416	412,143	448,568	473,888
Finfish & Other	48,904	47,141	38,552	36,833	36,695	30,367	30,177	43,816	76,768	72,059
Shellfish	318,555	344,982	352,742	307,189	271,538	261,948	350,239	368,327	371,800	401,828
Key Species										
American lobster	289,079	317,948	305,443	280,634	245,146	237,519	318,303	334,850	340,487	368,382
Atlantic herring	76	56	10,729	9,173	8,396	7,867	8,643	14,404	14,575	15,446
Bloodworms	7,524	6,039	5,177	6,051	5,913	6,196	5,874	5,847	4,902	5,643
Blue mussel	3,319	2,625	2,716	1,934	1,627	2,203	2,071	1,969	1,922	2,341
Cod & haddock	5,392	5,177	3,982	3,728	5,257	1,752	1,528	1,666	1,360	987
Goosefish	6,828	6,232	3,238	2,402	1,478	526	393	578	1,059	773
Ocean quahog clam	3,842	3,607	3,919	3,194	2,195	1,821	1,721	2,117	1,737	1,378
Pollock	2,346	3,106	2,309	2,160	2,321	2,047	1,503	1,929	2,521	2,560
Sea Urchins	7,866	5,142	4,741	4,367	5,410	5,866	5,490	5,113	5,024	5,421
Softshell clam	16,628	14,081	26,940	12,574	12,826	11,686	12,960	15,749	15,644	18,021

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	228,502	214,514	216,657	186,324	186,696	188,388	200,874	249,484	262,589	265,068
Finfish & Other	130,368	121,278	117,637	93,742	94,641	82,505	79,373	122,944	121,104	118,799
Shellfish	98,134	93,236	99,020	92,582	92,056	105,883	121,500	126,540	141,484	146,269
Key Species										
American lobster	71,574	68,730	75,346	63,959	69,863	81,179	96,246	104,921	126,648	127,205
Atlantic herring	911	558	97,843	74,817	67,731	64,606	57,557	97,116	93,139	98,398
Bloodworms	615	456	462	549	537	574	533	526	432	470
Blue mussel	4,102	3,357	3,435	2,643	2,289	2,760	2,582	2,810	2,399	2,282
Cod & haddock	4,588	4,045	2,448	2,345	2,455	1,401	876	842	549	421
Goosefish	10,552	7,130	3,669	2,376	1,178	603	404	533	1,075	874
Ocean quahog clam	1,013	1,001	1,214	1,011	669	556	549	645	698	557
Pollock	4,189	5,260	3,678	4,245	4,064	3,040	1,640	2,325	2,659	2,225
Sea Urchins	5,742	3,517	3,372	2,761	2,900	3,487	2,592	2,407	1,904	1,851
Softshell clam	2,380	1,857	3,918	1,948	1,998	1,902	2,077	2,355	2,257	2,288

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American lobster	4.04	4.63	4.05	4.39	3.51	2.93	3.31	3.19	2.69	2.90
Atlantic herring	0.08	0.10	0.11	0.12	0.12	0.12	0.15	0.15	0.16	0.16
Bloodworms	12.24	13.24	11.20	11.02	11.01	10.79	11.03	11.12	11.35	12.00
Blue mussel	0.81	0.78	0.79	0.73	0.71	0.80	0.80	0.70	0.80	1.03
Cod & haddock	1.18	1.28	1.63	1.59	2.14	1.25	1.74	1.98	2.48	2.35
Goosefish	0.65	0.87	0.88	1.01	1.25	0.87	0.97	1.09	0.99	0.88
Ocean quahog clam	3.79	3.60	3.23	3.16	3.28	3.27	3.13	3.28	2.49	2.47
Pollock	0.56	0.59	0.63	0.51	0.57	0.67	0.92	0.83	0.95	1.15
Sea Urchins	1.37	1.46	1.41	1.58	1.87	1.68	2.12	2.12	2.64	2.93
Softshell clam	6.99	7.58	6.88	6.46	6.42	6.14	6.24	6.69	6.93	7.88

2013 Economic Impacts of Maine Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	146	12,633	5,073	7,037
	Private Boat	83	7,701	2,887	4,711
	Shore	142	12,409	4,372	7,136
Total Durable Expenditures		993	95,485	37,956	58,261
Total State Economic Impacts		1,364	128,228	50,288	77,145

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
For-Hire	7,662	520	Fishing Tackle	22,114
Private Boat	2,814	5,117	Other Equipment	5,449
Shore	8,268	1,534	Boat Expenses	63,849
Total	18,743	7,171	Vehicle Expenses	0
			Second Home Expenses	50
			Total Durable Expenditures	91,461
Total State Trip and Durable Equipment Expenditures				117,375

Recreational Anglers by Residential Area (thousands of anglers)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	113	190	182	174	121	117	122	85	116	102
Non-Coastal	21	20	22	13	9	12	9	7	6	4
Out-of-State	148	173	285	260	180	324	159	107	126	129
Total Anglers	282	383	489	447	310	453	290	198	248	235

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	19	40	32	33	26	26	23	22	20	29
Private	337	519	548	460	408	334	327	265	212	313
Shore	421	524	497	531	421	544	366	240	405	254
Total Trips	778	1,083	1,076	1,024	854	904	716	527	637	596

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American Shad	H	(1)	(1)	1	(1)	(1)	1	(1)	(1)	(1)	(1)
	R	2	(1)	7	4	5	18	9	5	18	1
Atlantic cod	H	5	29	14	19	41	45	15	40	26	61
	R	19	35	49	72	50	36	45	100	80	75
Atlantic mackerel	H	1,023	607	450	806	837	1,110	1,093	1,544	1,028	704
	R	87	29	104	80	265	194	178	304	163	59
Blue shark	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	1	(1)	9	2	13
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	16	38	8	50	30	3	14	(1)	4	19
	R	42	49	50	74	55	26	9	8	126	22
Haddock	H	4	6	9	12	20	10	4	12	4	6
	R	2	2	4	11	2	1	4	4	8	46
Pollock	H	59	28	67	51	67	62	58	57	50	140
	R	56	32	23	24	135	34	105	135	89	296
Striped bass	H	48	83	75	53	59	62	18	18	11	23
	R	694	2,985	4,001	1,116	465	264	193	143	214	423
Winter flounder	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	1	(1)	1	5	(1)	(1)	(1)	1

¹ In 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 (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ¹
2004	41,269 (0.6%)	494,256 (0.4%)	15.44 (0.4%)	25.92 (0.4%)	44.91 (0.4%)	10.04
2012	40,120 (0.5%)	486,838 (0.4%)	18.49 (0.3%)	30.73 (0.4%)	53.23 (0.3%)	17.38
% change	-2.9	-1.5	16.5	15.6	15.6	42.2

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	57	52	54	65	64	63	59	51	51
	Receipts	5,642	5,082	6,463	7,177	4,261	6,605	4,480	3,077	3,294
Seafood sales, retail	Firms	55	51	45	55	46	48	47	48	46
	Receipts	8,621	7,331	7,115	5,905	4,035	4,882	5,835	4,608	4,492

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	28	27	27	27	29	25	27	28	29
	Employees	576	614	616	536	490	545	594	500	492
	Payroll	19,767	12,349	12,304	9,351	9,288	10,427	12,851	10,353	12,011
Seafood sales, wholesale	Establishments	177	177	167	170	168	164	164	152	136
	Employees	1,048	1,152	996	1,015	1,210	1,126	1,153	1,109	1,047
	Payroll	30,108	30,513	32,192	32,005	36,185	37,687	39,915	38,412	40,734
Seafood sales, retail	Establishments	50	49	55	50	45	49	51	51	48
	Employees	189	184	179	181	148	152	176	177	215
	Payroll	5,112	4,678	4,753	4,635	4,148	4,481	5,126	5,108	6,902

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)^{2,3}

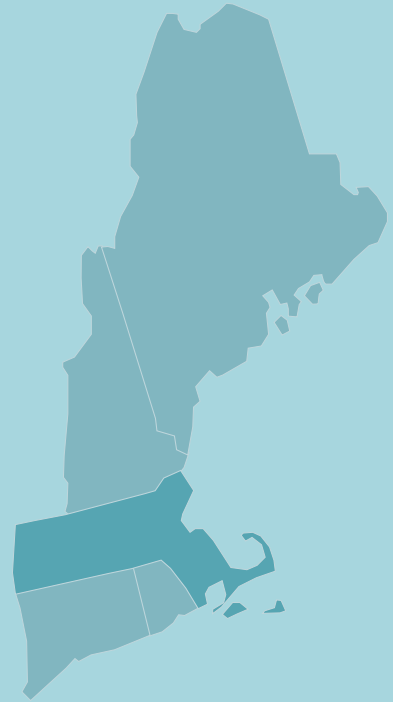
		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	4	3	3	3	5	4	4	4	3
	Employees	ds	ds	ds	ds	ds	22	28	ds	ds
	Payroll	ds	ds	ds	ds	1,058	1,037	1,067	1,105	ds
Deep sea freight transportation	Establishments	2	1	1	0	1	1	1	0	0
	Employees	ds	ds	ds	NA	ds	ds	ds	NA	NA
	Payroll	ds	ds	ds	NA	ds	ds	ds	NA	NA
Deep sea passenger transportation	Establishments	1	1	1	2	1	1	1	1	0
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	NA
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	NA
Marinas	Establishments	84	84	84	86	87	89	86	84	80
	Employees	406	411	417	464	411	376	395	349	428
	Payroll	13,369	14,215	15,353	18,600	15,206	14,654	14,699	15,426	17,102
Marine cargo handling	Establishments	4	3	3	3	3	3	2	2	1
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Navigational services to shipping	Establishments	16	16	12	15	15	14	13	13	13
	Employees	91	88	93	105	138	93	68	63	65
	Payroll	4,927	5,890	6,260	6,737	6,148	5,369	4,928	4,776	4,730
Port & harbor operations	Establishments	1	1	1	2	2	1	1	1	6
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Ship & boat building	Establishments	86	92	89	94	90	82	75	76	76
	Employees	7,753	ds	6,808	6,751	6,930	ds	ds	ds	ds
	Payroll	328,179	ds	320,288	345,036	354,899	ds	ds	ds	ds

¹ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

² ds = these data are suppressed.

³ NA = not applicable.

Tables | Massachusetts



2013 Economic Impacts of the Massachusetts Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	100,108	7,706,079	2,021,479	3,073,305	64,279	2,365,086	874,479	1,190,413
Commercial Harvesters	13,524	1,027,556	330,189	482,560	13,524	1,027,556	330,189	482,560
Seafood Processors & Dealers	7,573	970,561	370,036	481,111	1,833	233,572	89,051	115,782
Importers	14,588	4,012,727	643,116	1,223,255	0	0	0	0
Seafood Wholesalers & Distributors	3,150	491,710	160,683	218,022	1,160	181,059	59,167	80,281
Retail	61,273	1,203,526	517,456	668,358	47,761	922,899	396,072	511,790

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	325,937	427,332	586,320	420,004	399,822	400,473	478,801	571,599	618,247	566,858
Finfish & Other	109,163	117,003	252,456	109,370	121,913	114,361	126,594	132,685	128,232	94,829
Shellfish	216,774	310,330	333,863	310,634	277,909	286,112	352,206	438,915	490,016	472,030
Key Species										
American lobster	51,581	49,563	55,901	51,258	45,418	42,731	50,389	53,367	53,346	61,642
Atlantic herring	4	69	149,733	8,265	11,342	15,062	10,251	8,717	11,697	10,988
Atlantic mackerel	6,542	NA	10,320	4,736	4,265	4,528	1,487	137	654	1,223
Clams, all other	4,721	19,010	14,045	15,680	15,255	16,745	17,966	19,157	37,296	28,833
Cod & haddock	31,452	31,954	25,397	32,043	38,696	33,684	45,210	43,397	26,101	14,108
Eastern oyster	24	2,738	4,864	4,559	5,496	6,432	8,225	9,079	12,069	13,888
Flounders	29,897	28,815	24,569	22,095	20,924	19,645	19,975	22,025	26,211	20,617
Goosefish	15,675	21,485	17,712	14,380	14,035	9,902	9,922	13,431	13,596	8,872
Ocean quahog clam	6,919	NA	8,297	10,100	9,575	10,710	8,981	7,995	NA	10,229
Sea scallop	144,748	226,949	234,796	218,292	189,891	197,280	252,292	330,959	364,896	334,552

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	337,603	337,304	396,910	304,774	326,632	356,105	283,046	264,533	297,561	264,588
Finfish & Other	267,342	267,311	304,970	227,566	256,000	279,330	201,165	179,661	195,472	166,246
Shellfish	70,261	69,993	91,940	77,208	70,633	76,775	81,881	84,872	102,089	98,341
Key Species										
American lobster	11,295	9,880	12,100	10,145	10,600	11,782	12,773	13,386	14,483	15,255
Atlantic herring	40	700	119,547	73,268	94,266	133,531	71,922	66,495	81,781	76,897
Atlantic mackerel	72,687	NA	89,535	46,240	35,406	30,199	12,156	515	4,131	7,279
Clams, all other	6,315	19,881	7,071	4,135	4,376	6,552	10,242	13,352	35,054	22,973
Cod & haddock	26,926	24,539	15,833	20,298	28,537	28,515	36,461	27,164	13,164	8,121
Eastern oyster	9	105	87	123	138	159	215	231	310	328
Flounders	30,704	22,115	13,170	10,977	11,609	12,405	11,158	13,692	15,404	11,519
Goosefish	22,357	21,849	17,495	13,597	12,680	10,015	8,887	10,143	11,583	9,501
Ocean quahog clam	14,085	NA	16,830	20,158	18,126	18,691	15,646	12,479	NA	14,476
Sea scallop	27,944	29,045	36,666	32,540	27,011	29,782	31,160	33,093	36,728	29,277

Average Annual Price of Key Species/Species Groups (dollars per pound)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American lobster	4.57	5.02	4.62	5.05	4.28	3.63	3.94	3.99	3.68	4.04
Atlantic herring	0.09	0.10	1.25	0.11	0.12	0.11	0.14	0.13	0.14	0.14
Atlantic mackerel	0.09	NA	0.12	0.10	0.12	0.15	0.12	0.27	0.16	0.17
Clams, all other	0.75	0.96	1.99	3.79	3.49	2.56	1.75	1.43	1.06	1.26
Cod & haddock	1.17	1.30	1.60	1.58	1.36	1.18	1.24	1.60	1.98	1.74
Eastern oyster	2.74	26.09	56.10	37.00	39.77	40.36	38.30	39.25	38.96	42.28
Flounders	0.97	1.30	1.87	2.01	1.80	1.58	1.79	1.61	1.70	1.79
Goosefish	0.70	0.98	1.01	1.06	1.11	0.99	1.12	1.32	1.17	0.93
Ocean quahog clam	0.49	NA	0.49	0.50	0.53	0.57	0.57	0.64	NA	0.71
Sea scallop	5.18	7.81	6.40	6.71	7.03	6.62	8.10	10.00	9.94	11.43

¹ NA = these data are confidential thus not disclosable.

2013 Economic Impacts of Massachusetts Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	1,036	115,423	56,944	73,552
	Private Boat	841	97,159	43,955	64,640
	Shore	695	74,361	31,337	48,065
Total Durable Expenditures		4,351	468,541	217,278	320,903
Total State Economic Impacts		6,923	755,484	349,514	507,160

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
For-Hire	48,203	21,581	Fishing Tackle	141,406
Private Boat	19,633	79,813	Other Equipment	38,426
Shore	25,337	31,952	Boat Expenses	267,388
Total	93,173	133,346	Vehicle Expenses	107,843
			Second Home Expenses	2,060
			Total Durable Expenditures	557,124
Total State Trip and Durable Equipment Expenditures				783,643

Recreational Anglers by Residential Area (thousands of anglers)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	535	585	623	664	655	489	586	490	502	546
Non-Coastal	131	135	151	179	170	144	152	115	130	77
Out-of-State	335	391	484	465	469	421	433	293	309	275
Total Anglers	1,000	1,112	1,258	1,309	1,293	1,054	1,171	897	941	898

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	211	236	231	234	255	240	154	189	203	259
Private	2,273	2,336	2,411	2,440	2,338	1,760	2,148	1,319	1,471	1,621
Shore	1,968	1,739	1,938	1,947	1,929	1,451	1,186	1,305	1,151	1,058
Total Trips	4,451	4,311	4,579	4,622	4,522	3,450	3,489	2,813	2,825	2,939

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic bonito	H	5	30	13	4	7	4	1	5	5	-1
	R	2	9	38	12	9	1	3	-1	-1	1
Atlantic cod	H	349	387	119	232	260	213	412	360	229	216
	R	658	932	423	658	671	581	884	542	240	411
Atlantic mackerel	H	479	1,926	3,603	951	2,024	471	2,083	1,649	1,133	2,273
	R	77	17	423	27	152	68	185	43	160	177
Bluefish	H	355	549	652	683	519	344	474	225	336	448
	R	1,294	1,813	1,843	1,240	1,302	953	1,029	598	714	580
Haddock	H	127	247	121	293	233	155	144	52	90	104
	R	56	62	63	56	158	36	33	12	68	310
Porgies (scup)	H	3,313	657	424	1,770	762	1,069	925	786	1,587	2,042
	R	1,486	751	1,096	1,183	1,688	1,741	1,858	1,174	1,805	1,257
Striped bass	H	446	341	314	316	378	345	340	256	379	298
	R	4,980	3,989	7,810	5,331	3,649	2,282	1,671	972	990	1,690
Summer flounder	H	225	267	239	138	233	50	45	58	76	32
	R	348	358	610	135	273	96	215	183	250	63
Winter flounder	H	45	38	43	41	169	87	86	69	46	43
	R	15	41	21	19	62	84	68	58	18	16
Wrasses (tautog)	H	22	72	80	91	34	25	45	33	25	58
	R	67	126	332	414	78	96	118	210	96	231

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

Massachusetts's State Economy (% of national total)^{1,2}

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ³
2004	175,933 (2.4%)	2,979,690 (2.6%)	135.24 (3.2%)	193.18 (2.9%)	332.07 (2.7%)	9.06
2012	171,278 (2.3%)	3,035,897 (2.6%)	173.25 (3.2%)	250.68 (2.9%)	431.94 (2.7%)	ds
% change	-2.7	1.9	21.9	22.9	23.1	NA

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	25	28	36	24	26	22	27	36	25
	Receipts	2,284	2,266	2,525	908	1,250	1,943	2,082	2,433	1,699
Seafood sales, retail	Firms	64	59	62	57	64	64	61	66	65
	Receipts	5,933	5,528	4,905	4,421	7,982	7,686	6,287	7,640	5,213

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	53	50	47	52	44	44	44	44	39
	Employees	2,743	2,671	2,607	2,684	2,355	2,396	2,159	2,214	1,638
	Payroll	112,642	115,704	120,912	113,580	109,747	119,282	107,635	112,399	74,541
Seafood sales, wholesale	Establishments	148	151	139	160	141	144	149	141	140
	Employees	1,890	1,836	1,706	1,803	1,442	1,542	1,591	2,013	1,841
	Payroll	75,689	76,070	77,106	81,863	68,898	70,864	83,467	94,105	100,801
Seafood sales, retail	Establishments	128	116	115	126	118	115	112	106	114
	Employees	686	677	692	737	549	542	584	576	576
	Payroll	17,454	17,725	18,165	19,267	15,017	15,261	16,495	16,037	15,776

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)^{1,2}

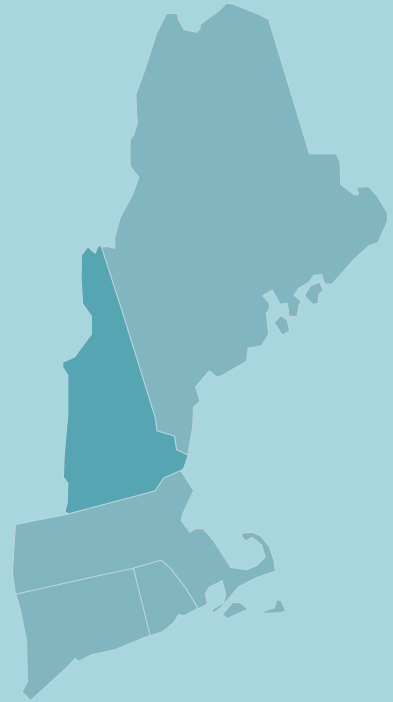
		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	13	10	12	14	14	12	12	10	14
	Employees	688	ds	623	283	169	166	ds	ds	ds
	Payroll	36,533	ds	38,421	18,620	11,701	10,011	ds	ds	3,266
Deep sea freight transportation	Establishments	10	10	11	12	8	10	8	7	9
	Employees	ds	ds	509	ds	361	ds	313	381	ds
	Payroll	ds	ds	38,982	ds	38,908	35,473	36,069	38,797	ds
Deep sea passenger transportation	Establishments	1	4	4	1	0	1	0	0	0
	Employees	ds	ds	ds	ds	NA	ds	NA	NA	NA
	Payroll	ds	ds	ds	ds	NA	ds	NA	NA	NA
Marinas	Establishments	135	139	141	173	175	177	175	176	172
	Employees	989	973	1,064	1,154	1,138	1,188	1,150	1,125	977
	Payroll	41,474	43,103	45,894	51,705	53,694	56,663	57,002	58,251	48,657
Marine cargo handling	Establishments	6	5	4	5	3	2	2	2	4
	Employees	ds	ds	ds	69	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	2,867	2,271	ds	ds	ds	ds
Navigational services to shipping	Establishments	7	6	11	9	8	11	9	9	8
	Employees	ds	ds	ds	65	75	71	150	139	120
	Payroll	ds	ds	ds	4,540	4,355	4,342	9,413	6,980	5,965
Port & harbor operations	Establishments	3	3	4	3	4	4	8	6	5
	Employees	ds	ds	ds	69	63	66	86	95	35
	Payroll	ds	ds	ds	647	1,289	1,323	2,662	3,035	1,519
Ship & boat building	Establishments	55	50	47	49	43	38	37	37	40
	Employees	ds	588	ds	588	603	579	535	445	446
	Payroll	ds	20,050	ds	26,445	28,402	20,685	20,196	22,066	23,195

¹ ds = these data are suppressed.

² NA = not applicable.

³ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

Tables | New Hampshire



2013 Economic Impacts of the New Hampshire Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	5,004	626,123	149,086	235,843	1,759	96,524	35,719	48,846
Commercial Harvesters	607	35,135	9,930	15,421	607	35,135	9,930	15,421
Seafood Processors & Dealers	516	55,476	21,799	28,108	139	14,896	5,853	7,547
Importers	1,495	411,335	65,924	125,393	0	0	0	0
Seafood Wholesalers & Distributors	302	37,990	13,392	17,623	54	6,800	2,397	3,155
Retail	2,083	86,188	38,041	49,298	958	39,692	17,539	22,723

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	17,214	22,084	18,970	17,021	17,471	17,754	20,599	23,483	23,176	20,190
Finfish & Other	6,449	6,840	5,122	4,151	4,824	5,569	5,122	6,147	5,553	2,919
Shellfish	10,765	15,244	13,848	12,870	12,647	12,186	15,477	17,336	17,622	17,271
Key Species										
American lobster	10,199	14,377	12,582	12,517	12,267	11,919	14,836	16,343	17,130	16,619
Atlantic cod	2,244	1,913	1,732	1,972	2,311	2,587	2,187	2,500	1,741	546
Atlantic herring	3	NA	3	147	134	271	375	208	353	212
Goosefish	1,456	1,484	783	375	290	280	212	207	153	186
Haddock	157	136	128	123	89	68	29	35	95	23
Hake	200	279	165	244	167	215	237	445	474	357
Pollock	569	1,138	1,502	902	1,093	1,283	839	1,355	1,199	1,136
Sea scallop	276	527	126	30	16	4	3	26	143	281
Shrimp	222	340	NA	NA	NA	NA	NA	NA	NA	NA
Spiny dogfish	0	NA	76	NA	419	557	293	451	427	96

Total Landings and Landings of Key Species/Species Groups (thousands of pounds)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	23,796	21,281	10,295	8,430	10,464	13,886	11,809	12,315	12,138	8,264
Finfish & Other	21,074	18,081	7,463	5,174	7,180	10,093	7,026	7,144	7,549	3,996
Shellfish	2,722	3,200	2,832	3,256	3,284	3,793	4,783	5,171	4,590	4,267
Key Species										
American lobster	2,097	2,556	2,357	2,469	2,567	2,985	3,648	3,919	4,216	3,823
Atlantic cod	1,633	1,293	1,024	1,168	1,479	1,984	1,227	1,286	725	230
Atlantic herring	32	NA	22	936	1,198	3,120	2,830	1,514	2,391	1,560
Goosefish	1,640	1,226	621	325	250	250	172	153	126	162
Haddock	123	99	73	61	53	45	18	19	45	10
Hake	405	372	157	313	222	423	322	587	1,135	380
Pollock	1,202	1,997	2,566	2,025	2,456	2,017	1,042	1,732	1,037	985
Sea scallop	44	76	21	4	2	1	0	3	12	24
Shrimp	432	567	NA	NA	NA	NA	NA	NA	NA	NA
Spiny dogfish	0	NA	242	NA	1,370	2,073	1,214	1,646	1,805	515

Average Annual Price of Key Species/Species Groups (dollars per pound)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
American lobster	4.86	5.62	5.34	5.07	4.78	3.99	4.07	4.17	4.06	4.35
Atlantic cod	1.37	1.48	1.69	1.69	1.56	1.30	1.78	1.94	2.40	2.38
Atlantic herring	0.10	NA	0.12	0.16	0.11	0.09	0.13	0.14	0.15	0.14
Goosefish	0.89	1.21	1.26	1.15	1.16	1.12	1.23	1.36	1.21	1.15
Haddock	1.27	1.38	1.76	2.01	1.70	1.52	1.57	1.91	2.12	2.22
Hake	0.49	0.75	1.05	0.78	0.75	0.51	0.74	0.76	0.42	0.94
Pollock	0.47	0.57	0.59	0.45	0.45	0.64	0.81	0.78	1.16	1.15
Sea scallop	6.22	6.89	5.92	8.26	7.68	7.22	8.84	10.35	11.68	11.52
Shrimp	0.51	0.60	NA	NA	NA	NA	NA	NA	NA	NA
Spiny dogfish	0.18	NA	0.32	NA	0.31	0.27	0.24	0.27	0.24	0.19

¹ NA=these data are confidential thus not disclosable.

2013 Economic Impacts of New Hampshire Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	239	23,845	11,172	14,382
	Private Boat	39	4,127	1,894	2,756
	Shore	21	1,875	770	1,194
Total Durable Expenditures		367	32,962	15,734	22,834
Total State Economic Impacts		666	62,809	29,570	41,166

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	12,882
For-Hire	9,563	5,294	Other Equipment	3,415
Private Boat	486	3,980	Boat Expenses	12,545
Shore	641	924	Vehicle Expenses	8,530
Total	10,690	10,198	Second Home Expenses	0
			Total Durable Expenditures	37,372
Total State Trip and Durable Equipment Expenditures				58,260

Recreational Anglers by Residential Area (thousands of anglers)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	81	105	90	97	63	67	46	56	58	68
Non-Coastal	13	14	15	13	8	9	7	10	9	19
Out-of-State	69	84	82	63	46	58	33	30	54	66
Total Anglers	163	203	187	172	118	134	86	96	121	153

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	28	53	92	114	90	98	61	71	55	116
Private	154	238	182	233	139	147	90	178	163	107
Shore	161	214	227	155	103	155	92	48	81	89
Total Trips	343	505	501	502	333	401	243	297	299	313

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic bonito	H	1	(1)	(1)	3	(1)	(1)	(1)	(1)	(1)	(1)
	R	2	2	9	1	2	(1)	1	(1)	1	1
Atlantic cod	H	66	68	66	53	81	128	80	128	64	115
	R	96	138	248	234	232	209	130	259	150	155
Atlantic mackerel	H	71	407	115	128	496	882	295	2,143	1,116	708
	R	10	16	32	9	36	82	18	189	160	14
Bluefin tuna	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)
Bluefish	H	15	21	9	34	6	(1)	2	2	9	(1)
	R	9	49	24	18	3	2	(1)	1	4	(1)
Bottomfish, unidentified	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Haddock	H	68	102	167	97	90	100	48	76	74	71
	R	22	38	109	43	18	28	11	20	114	257
Pollock	H	57	60	77	70	52	39	52	100	65	119
	R	35	35	46	17	20	49	75	105	147	238
Striped bass	H	8	25	13	7	6	9	6	32	14	18
	R	226	573	461	257	78	58	51	98	64	84
Winter flounder	H	2	1	7	10	10	10	2	12	(1)	(1)
	R	2	1	3	7	6	5	5	2	1	3

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

New Hampshire's State Economy (% of national total)^{1,2}

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ³
2004	38,843 (0.5%)	551,001 (0.5%)	20.01 (0.5%)	30.50 (0.5%)	53.05 (0.4%)	ds
2012	37,213 (0.5%)	548,985 (0.5%)	24.06 (0.4%)	37.81 (0.4%)	66.11 (0.4%)	ds
% change	-4.4	-0.4	16.8	19.3	19.8	NA

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	4	4	4	5	ds	ds	3	7	7
	Receipts	1,147	842	1,087	927	ds	ds	687	856	1,166
Seafood sales, retail	Firms	15	11	10	11	17	14	11	11	12
	Receipts	1,438	1,330	1,496	1,540	1,894	1,870	1,502	2,152	2,096

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	10	10	10	7	7	8	8	8	8
	Employees	448	418	ds	ds	ds	115	292	231	229
	Payroll	18,886	16,275	ds	ds	ds	3,234	10,971	12,010	12,181
Seafood sales, wholesale	Establishments	12	10	9	8	8	8	8	7	8
	Employees	82	ds	ds	92	101	88	80	84	99
	Payroll	2,511	ds	ds	3,360	4,142	4,268	4,171	4,123	5,738
Seafood sales, retail	Establishments	12	12	15	15	14	14	12	16	9
	Employees	ds	79	78	93	83	95	102	88	48
	Payroll	ds	2,053	2,201	2,077	2,011	2,299	2,296	1,934	870

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

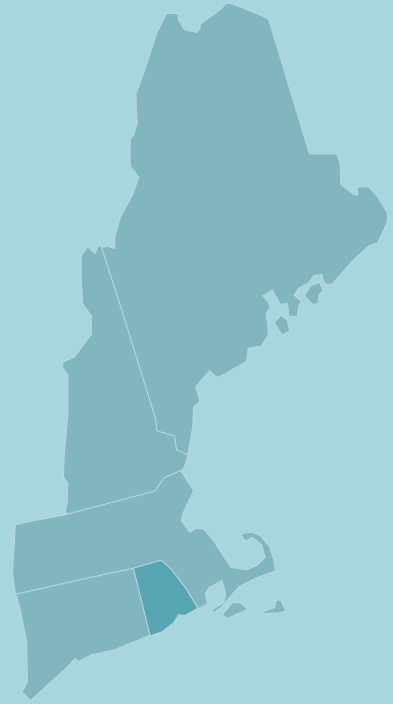
		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	0	1	1	1	0	0	0	0	1
	Employees	NA	ds	ds	ds	NA	NA	NA	NA	ds
	Payroll	NA	ds	ds	ds	NA	NA	NA	NA	ds
Deep sea freight transportation	Establishments	1	2	2	1	1	1	1	1	1
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Deep sea passenger transportation	Establishments	0	0	0	0	0	0	0	0	0
	Employees	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Payroll	NA	NA	NA	NA	NA	NA	NA	NA	NA
Marinas	Establishments	40	38	35	35	37	37	35	34	31
	Employees	226	194	ds	171	173	146	135	139	131
	Payroll	9,315	8,871	ds	7,774	8,114	7,022	6,920	7,090	6,927
Marine cargo handling	Establishments	0	0	0	1	0	0	0	0	0
	Employees	NA	NA	NA	ds	NA	NA	NA	NA	NA
	Payroll	NA	NA	NA	ds	NA	NA	NA	NA	NA
Navigational services to shipping	Establishments	3	4	4	2	2	2	2	2	3
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Port & harbor operations	Establishments	0	0	0	0	0	0	0	0	2
	Employees	NA	NA	NA	NA	NA	NA	NA	NA	ds
	Payroll	NA	NA	NA	NA	NA	NA	NA	NA	ds
Ship & boat building	Establishments	8	6	6	8	9	8	7	7	7
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds

¹ ds = these data are suppressed.

² NA = not applicable.

³ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

Tables | Rhode Island



2013 Economic Impacts of the Rhode Island Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	9,560	980,903	250,218	389,023	5,439	304,170	111,135	155,119
Commercial Harvesters	2,464	148,345	45,903	70,797	2,464	148,345	45,903	70,797
Seafood Processors & Dealers	490	50,680	19,639	25,520	337	34,810	13,489	17,529
Importers	2,008	552,450	88,541	168,411	0	0	0	0
Seafood Wholesalers & Distributors	470	55,709	19,739	25,973	137	16,239	5,754	7,571
Retail	4,128	173,721	76,396	98,322	2,501	104,776	45,989	59,223

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	77,565	91,408	99,365	72,282	66,085	61,657	62,701	75,540	80,787	86,419
Finfish & Other	25,821	24,672	29,680	24,839	22,792	23,421	23,002	24,544	28,413	29,584
Shellfish	51,744	66,736	69,685	47,443	43,293	38,236	39,698	50,995	52,374	56,835
Key Species										
All other flounders	2,136	1,734	3,503	3,585	2,171	1,455	593	806	1,024	2,133
American lobster	14,624	23,009	17,333	12,151	12,976	11,264	12,404	12,765	12,033	9,732
Atlantic herring	1,187	1,075	2,947	982	631	1,260	1,385	981	1,987	4,782
Atlantic mackerel	3,815	2,888	4,138	1,182	882	3,301	1,886	73	2,798	489
Goosefish	3,421	4,549	4,525	3,540	3,590	3,022	2,973	4,600	3,844	2,733
Quahog clam	5,868	3,438	3,529	4,010	3,273	2,849	3,293	3,920	5,169	5,033
Scups or porgies	1,990	2,319	2,927	2,767	2,324	2,640	2,833	3,312	3,904	3,669
Sea scallop	1,512	13,268	20,822	8,963	2,170	2,342	2,156	6,834	9,191	18,658
Squid	25,133	16,973	22,601	15,339	17,687	15,249	12,590	20,380	18,682	13,172
Summer flounder	5,309	5,866	5,093	4,346	4,485	4,502	5,534	6,408	6,937	6,752

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	115,037	97,565	113,025	75,271	72,027	84,041	77,538	76,706	83,290	90,012
Finfish & Other	62,169	47,820	60,867	40,940	34,570	46,549	42,395	40,208	50,917	64,021
Shellfish	52,868	49,745	52,158	34,331	37,458	37,492	35,143	36,498	32,373	25,991
Key Species										
All other flounders	2,360	1,315	1,850	1,871	1,144	1,027	358	615	663	1,372
American lobster	3,064	4,344	3,752	2,293	2,772	2,840	2,929	2,754	2,689	2,156
Atlantic herring	13,491	11,605	23,150	7,537	4,504	9,528	8,279	6,717	11,968	27,881
Atlantic mackerel	15,269	8,075	10,143	4,242	2,385	9,057	4,356	132	5,467	1,255
Goosefish	4,288	4,143	3,864	3,209	3,225	2,841	2,556	3,242	2,873	2,825
Quahog clam	1,080	642	385	610	556	511	599	666	903	818
Scups or porgies	3,425	3,424	3,643	3,932	2,151	3,619	4,299	6,335	6,309	7,357
Sea scallop	249	1,612	3,283	1,357	310	356	267	690	944	1,648
Squid	43,697	22,135	39,617	23,718	26,417	26,452	19,799	25,996	23,518	12,587
Summer flounder	3,085	2,925	2,123	1,516	1,473	1,794	2,289	2,824	2,409	2,193

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
All other flounders	0.90	1.32	1.89	1.92	1.90	1.42	1.66	1.31	1.54	1.55
American lobster	4.77	5.30	4.62	5.30	4.68	3.97	4.24	4.64	4.48	4.51
Atlantic herring	0.09	0.09	0.13	0.13	0.14	0.13	0.17	0.15	0.17	0.17
Atlantic mackerel	0.25	0.36	0.41	0.28	0.37	0.36	0.43	0.55	0.51	0.39
Goosefish	0.80	1.10	1.17	1.10	1.11	1.06	1.16	1.42	1.34	0.97
Quahog clam	5.43	5.35	9.16	6.57	5.88	5.58	5.50	5.89	5.72	6.15
Scups or porgies	0.58	0.68	0.80	0.70	1.08	0.73	0.66	0.52	0.62	0.50
Sea scallop	6.07	8.23	6.34	6.61	7.00	6.58	8.07	9.90	9.73	11.32
Squid	0.58	0.77	0.57	0.65	0.67	0.58	0.64	0.78	0.79	1.05
Summer flounder	1.72	2.01	2.40	2.87	3.04	2.51	2.42	2.27	2.88	3.08

2013 Economic Impacts of Rhode Island Recreational Fishing Expenditures (thousands of dollars)

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	127	13,217	6,227	8,085
	Private Boat	202	20,378	8,554	12,651
	Shore	83	8,381	3,569	5,260
Total Durable Expenditures		2,108	184,126	83,765	129,402
Total State Economic Impacts		2,520	226,102	102,115	155,398

2013 Angler Trip & Durable Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	81,634
For-Hire	7,095	1,197	Other Equipment	5,809
Private Boat	10,412	10,815	Boat Expenses	104,830
Shore	4,349	4,596	Vehicle Expenses	5,287
Total	21,856	16,608	Second Home Expenses	0
			Total Durable Expenditures	197,560
Total State Trip and Durable Equipment Expenditures				236,024

Recreational Anglers by Residential Area (thousands of anglers)¹

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	129	145	177	171	169	111	161	105	99	129
Non-Coastal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out-of-State	237	241	291	229	297	209	225	190	169	255
Total Anglers	366	386	468	401	465	320	387	296	268	383

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	44	55	53	74	67	56	41	39	40	48
Private	650	793	642	590	716	423	531	536	461	587
Shore	812	757	874	759	673	507	667	539	575	595
Total Trips	1,506	1,605	1,568	1,423	1,456	986	1,239	1,114	1,077	1,229

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic bonito	H	3	1	(1)	5	(1)	(1)	(1)	(1)	(1)	4
	R	8	(1)	(1)	4	1	(1)	(1)	(1)	(1)	5
Atlantic cod	H	1	1	4	1	2	4	2	4	16	(1)
	R	2	3	2	(1)	1	7	12	14	1	(1)
Black seabass	H	27	86	41	44	52	36	161	50	102	75
	R	23	64	161	117	128	133	212	221	767	678
Bluefish	H	257	345	471	295	282	64	103	124	673	324
	R	801	526	555	686	491	160	93	327	427	629
Porgies (scup)	H	817	430	470	353	633	140	398	568	497	818
	R	518	690	802	613	1,386	332	536	663	675	615
Striped bass	H	84	110	76	102	51	71	70	89	62	219
	R	526	634	835	678	417	399	183	215	247	826
Summer flounder	H	249	165	264	176	204	72	118	162	103	127
	R	278	280	1,129	612	848	383	230	724	381	527
Winter flounder	H	7	(1)	(1)	1	1	4	2	(1)	(1)	(1)
	R	5	(1)	(1)	3	1	1	1	(1)	2	(1)
Wrasses (tautog)	H	125	161	81	125	103	86	197	20	104	128
	R	222	319	198	267	187	188	187	138	214	249
Yellowfin tuna	H	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6
	R	(1)	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

¹ NA = not applicable because all Rhode Island residents are considered coastal county residents.² In 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 (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient ¹
2004	30,011 (0.4%)	434,706 (0.4%)	15.03 (0.4%)	24.04 (0.4%)	43.38 (0.4%)	3.66
2012	28,034 (0.4%)	402,977 (0.3%)	17.29 (0.3%)	28.66 (0.3%)	51.57 (0.3%)	3.51
% change	-7.1	-7.9	13.1	16.1	15.9	-4.3

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)²

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	ds	6	8	8	7	9	6	9	10
	Receipts	ds	2,024	1,662	2,291	1,376	1,045	907	1,168	1,441
Seafood sales, retail	Firms	14	16	24	23	19	16	17	25	20
	Receipts	2,186	2,215	3,266	3,536	2,748	2,821	2,769	3,033	2,536

Seafood Sales & Processing - Employer Establishments (thousands of dollars)²

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	7	7	7	6	8	7	5	4	3
	Employees	355	270	231	196	270	275	193	178	ds
	Payroll	10,867	5,549	6,137	6,876	6,354	5,821	6,096	5,544	ds
Seafood sales, wholesale	Establishments	35	32	36	35	29	34	32	34	32
	Employees	259	206	188	224	226	202	204	230	278
	Payroll	12,269	9,851	10,209	11,447	10,505	9,534	9,815	10,264	13,064
Seafood sales, retail	Establishments	34	31	28	27	23	24	26	23	24
	Employees	163	140	ds	109	94	127	113	109	111
	Payroll	2,707	2,447	ds	2,207	2,027	2,398	2,309	2,232	2,388

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)^{2,3}

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	1	1	1	1	2	1	1	2	1
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Deep sea freight transportation	Establishments	2	2	2	2	2	2	2	2	2
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Deep sea passenger transportation	Establishments	0	0	0	1	1	1	1	1	1
	Employees	NA	NA	NA	ds	ds	ds	ds	ds	ds
	Payroll	NA	NA	NA	ds	ds	ds	ds	ds	ds
Marinas	Establishments	60	66	63	68	73	70	72	71	67
	Employees	475	408	457	463	476	459	428	460	424
	Payroll	15,111	15,843	18,748	22,029	23,204	21,372	22,227	22,618	20,811
Marine cargo handling	Establishments	1	1	2	2	5	5	5	5	4
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Navigational services to shipping	Establishments	8	8	7	7	8	8	8	8	7
	Employees	ds	ds	ds	ds	ds	ds	ds	107	ds
	Payroll	ds	ds	ds	ds	5,904	3,728	3,955	4,002	3,272
Port & harbor operations	Establishments	2	2	2	2	2	1	1	1	5
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Ship & boat building	Establishments	38	36	38	37	39	33	29	30	37
	Employees	ds	ds	1,325	1,374	1,342	1,085	954	916	717
	Payroll	ds	ds	52,682	55,788	54,225	41,246	40,004	33,316	32,070

¹ The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

² ds = these data are suppressed.

³ NA = not applicable.