New England Region

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

Pigeon Cove, Rockport, MA
(photo credit: Denise Johnson)

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 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; the NEFMC is the lead for the Monkfish FMP.

New England Regional FMPs

- Northeast multi-species
- Sea scallops
- Monkfish (with the MAFMC)
- Atlantic herring
- Small mesh multi-species
- Spiny dogfish (with the MAFMC)
- Red crab
- Northeast skate complex
- Atlantic salmon

Fourteen of the stocks or stock complexes covered in these FMPs were listed as overfished in 2015: Atlantic cod (two stocks), Atlantic halibut, Atlantic salmon, Atlantic wolffish, ocean pout, thorny skate, windowpane flounder, winter flounder (two stocks), witch flounder, and yellowtail flounder (three stocks). Seven stocks or stock complexes are currently subject to overfishing: Atlantic cod (two stocks), witch flounder, yellowtail flounder (three stocks), and winter flounder (Georges Bank stock).

Catch Share Programs

Two catch share programs operate in the New England Region: 1) Northeast Multi-Species Sectors; and 2) Northeast General Category Atlantic Sea Scallop Individual Fishing Quota (IFQ) Program. Following are descriptions of these catch share programs and their performance.

Northeast Multi-species Sectors: This program was developed between 2004 and 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 compared with the baseline period (the 3-year period prior to implementation), the following 2014 metrics decreased: quotas, landings, number of active vessels, and inflation-adjusted revenue for catch share species. On the other hand, inflation-adjusted revenue per vessel increased during this period.

Northeast General Category Atlantic Sea Scallop IFQ Program: This program began in 2010 with two primary objectives: 1) Control capacity and mortality in the General Category Scallop fishery; and 2) Allow better and timelier integration of sea scallop assessment results in management. The key performance indicators of this program show that 2014 inflation-adjusted revenue and revenue per vessel increased. However, landings, quota, and the number of active vessels decreased compared with the baseline period.

Policy Updates

In January 2015, NOAA Fisheries approved a final rule that implements conservation measures for the Southern New England stock of American lobster, as recommended by the Atlantic States Marine Fisheries Commission. These measures were taken to conserve the severely depleted stock and included increasing the minimum carapace size increase to 3 17/32 inches in fishing year (FY) 2015, seasonal closures and a fishing trap reduction schedule. Beginning in FY 2016, the number of allowable traps will be reduced 25% in Area 2 (Southern New England waters primarily off Rhode Island and Southern Massachusetts) and 5% in offshore Area 3 (offshore fishery from Maine to North Carolina) and then ratcheted down 5% each year through FY2020 in Area 3 and through FY2021 in Area 2. In June 2015, NOAA Fisheries announced a lobster trap transfer program that applies to Area 2, the Outer Cape Cod Area, and Area 3. This program allows qualified vessels to buy and sell individual traps to a specified maximum in these areas, giving lobster permit holders more flexibility. Federal lobster permit holders from other areas may also "buy in" to these areas by purchasing traps through this program. The new trap allocations became effective for the start of the 2016 fishing year on May 2, 2016.

Also in 2015, the NEFMC finalized recommendations for Amendment 18 to the Northeast Multispecies Fishery Management Plan. Measures of this amendment focus on creating permit caps and on limiting the holdings of individuals, permit banks, and other "entities." This amendment would also constrain an individual's potential sector contribution, or PSC—the proportion of the total landings of a particular groundfish stock (live pounds) associated with the history of each limited access permit and other detailed information. The specifics voted on at the meeting are as follows: Accumulation Limits, Handgear A Permits, Data Confidentiality, Inshore/Offshore Gulf of Maine, and Redfish Exemption Area.

In early 2016, Framework 55 was approved and implemented in the Northeast Multispecies Fishery Management Plan. The framework incorporates status changes for groundfish stocks; sets specifications for all groundfish stocks, including catch limits for the U.S./Canada Resource Sharing Understanding and the distribution of allowable catch limits to various components of the fishery; updates fishery program administration; and adjusts management measures for commercial and recreational fisheries that catch groundfish stocks. These actions are needed to prevent overfishing, ensure rebuilding of overfished stocks, and help with achieving optimum yield in the fishery consistent with the status of stocks and the requirements of the Magnuson-Stevens Act of 2006. These actions will also help improve the enforcement of conservation gear, and provide additional flexibility within the sector system and recreational fishery in the face of changing regulations and legal circumstances.

COMMERCIAL FISHERIES

In this report, commercial fisheries refer to fishing operations that sell their catch for profit. It does not include saltwater anglers that fish for sport or subsistence fishermen. It also excludes the for hire sector, which earns its revenue from selling recreational fishing trips to saltwater anglers. The commercial fisheries section reports on economic impacts, landings revenue, landings, and ex-vessel prices of key species/species groups.

Economic Impacts

The premise behind economic impact modeling is that every dollar spent in a regional economy (direct impact) is either saved or respent on additional goods or services. If those dollars are respent on other goods and services in the regional economy, this spending generates additional economic activity in the region. This report provides estimates of total economic impacts for the Nation and for each of the 23 coastal states. Total economic impacts for each state and the Nation represent the sum of direct impacts; indirect impacts (in this case, the impact from suppliers to the seafood industry); and induced impacts (spending by employees on personal and household expenditures, where employees of both seafood businesses and its full supply chain are included). That is, impacts from the seafood industry as well as the economic activity generated throughout each region's broader economy from this industry.

Key New England Region Commercial Species

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

Four different measures are commonly used to show commercial fisheries landings affect the economy in a region (state or nationwide): sales, income, value-added, and employment. Sales refer to the gross value of all sales by regional businesses affected by an activity, such as commercial fishing. It includes both the direct sales of fish landed and sales made between businesses and households resulting from the original sale. Income includes personal income (wages and salaries) and proprietors' income (income from self-employment). Value-added is the contribution made to the gross domestic product in a region. Employment is specified on the basis of full-time and part-time jobs supported directly or indirectly by the sales of seafood or purchases of inputs to commercial fishing. The first three types of measures are calculated in terms of dollars, whereas employment impacts are measured in terms of numbers of jobs. Note that these categories are not additive. The United States seafood industry is defined here as the commercial fishing sector, seafood processors and dealers, seafood wholesalers and distributors, importers, and seafood retailers.[1]

[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).

Landings Revenue: Largest Increases

From 2006:
- American lobster (55%, 34% in real terms)
- Sea scallop (8%, -6% in real terms)

From 2014:
- Softshell clam (13%)
- Squid (13%)
- Quahog clam (12%)

Landings Revenue: Largest Decreases

From 2006:
- Atlantic herring (-85%, -87% in real terms)
- Atlantic mackerel (-77%, -80% in real terms)
- Quahog clam (-60%, -66% in real terms)

From 2014:
- Atlantic herring (-13%)
- Cod and haddock (-8%)
- Flounders (-8%)

Landings: Largest Increases

From 2006:
- American lobster (54%)

From 2014:
- Goosefish (5%)
- Cod and haddock (1%)

Landings: Largest Decreases

From 2006:
- Atlantic mackerel (-90%)
- Quahog clam (-76%)
- Softshell clam (-57%)

From 2014:
- Atlantic mackerel (-23%)
- Squid (-18%)
- Flounders (-14%)

In 2015, commercial fishing in Massachusetts generated the largest employment impacts in the New England Region with 83,000 jobs. Massachusetts had the largest income impacts ($1.9 billion), sales impacts ($7.3 billion), and value-added impacts ($2.9 billion).

The retail sector in Massachusetts generated the highest employment impacts of any state-level sector with 50,700 jobs. The importers sector in Massachusetts generated the highest state-level income impacts ($0.6 billion), the highest state-level sales impacts ($3.8 billion), and the highest state-level value-added impacts in the region ($1.2 billion).

Landings Trends

The lobster fishery, New England's largest fishery in terms of landings revenue, continued its strong performance, with revenues up 55 percent since 2006 due to higher landings and higher prices (up 54% and 101%, respectively) and up 10 percent since 2014 due to higher prices (up 10%). The higher landings trend is due to unprecedented abundance levels of Gulf of Maine lobsters, which have comprised between 85-90% of landings in recent years. Indeed, average annual landings the past five years are three times the average annual landings for the previous 60 years. On average, Maine has accounted for 79% of New England's lobster landings revenue since 2006.

Sea scallop landings declined 44 percent over this 10-year period primarily due to a 35 percent reduction in the catch limit that was implemented in 2012 to protect young sea scallops and prevent localized overfishing. Significantly higher prices (up 192% from 2006 but down 3% from 2014) has helped to offset the lower landings.

Landings Revenue

Landings revenue in the New England Region totaled $1.2 billion in 2015. This number represents a 9% increase from 2006 (a 6% decrease in real terms after adjusting for inflation) and a 4% increase from 2014. Landings revenue was highest in Maine ($588 million) followed by Massachusetts ($525 million). Shellfish landings revenue made up 85% of total revenue. American lobster ($615 million) and sea scallop ($287 million) had the highest landings revenue in the New England Region in 2015. Together they accounted for 73% of total landings revenue.

From 2006 to 2015, American lobster (55%, 34% in real terms) and sea scallop (8%, -6% in real terms) had the largest revenue increases, while Atlantic herring (-85%, -87% in real terms); Atlantic mackerel (-77%, -80% in real terms); and quahog clam (-60%, -66% in real terms) had the largest decreases. From 2014 to 2015, softshell clam (13%), squid (13%), and quahog clam (12%) had the largest revenue increases, while Atlantic herring (-13%), cod and haddock (-8%), and flounders (-8%) had the largest decreases.

Landings

In 2015, commercial fishermen in the New England Region landed about 599 million pounds of finfish and shellfish, a 20% decrease from 2006 and a 7% decrease from 2014. Landings volume was highest in Massachusetts (261million pounds), followed by Maine (242 million pounds). Atlantic herring had the highest landings volume in the New England Region, accounting for 29% of landed weight.

From 2006 to 2015, American lobster (54%) had the largest landings increase, while Atlantic mackerel (-90%), quahog clam (-76%), and softshell clam (-57%) had the largest decreases. From 2014 to 2015, goosefish (5%) and cod and haddock (1%) had the largest landings increases, while Atlantic mackerel (-23%), squid (-18%), and flounders (-14%) had the largest decreases.

Price

In 2015, sea scallop ($12.31 per pound) received the highest ex-vessel price in the New England Region. Landings of Atlantic herring ($0.14 per pound) had the lowest ex-vessel price. From 2006 to 2015, Atlantic mackerel (129%, 98% in real terms); sea scallop (92%, 66% in real terms); and softshell clam (86%, 58% in real terms) had the largest price increases, while Atlantic herring (-79%, -82% in real terms) and cod and haddock (-22%, -33% in real terms) had the largest decreases. From 2014 to 2015, Atlantic mackerel (38%), squid (38%), and quahog clam (21%) had the largest price increases, while cod and haddock (-9%), and sea scallop (-3%) had the largest decreases.

RECREATIONAL FISHERIES

In this report, recreational fisheries refer to fishing for fun rather than to resell fish (commercial fishing) or for subsistence. The recreational fisheries section reports on economic impacts and expenditures, angler participation, trips, and catch of key species/species groups.

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 Expenditures

The contribution of recreational fishing activities[2] in the United States is reported in terms of economic impacts from angler expenditures. Total annual trip expenditures are estimated by multiplying mean trip expenditures by the estimated number of adult trips in each trip mode (for-hire, private boat, and shore). Total annual durable expenditures are estimated by multiplying mean durable expenditures by the estimated annual number of adult participants in a given state.

Four different measures are commonly used to show how angler expenditures affect the economy in a region (state or nationwide): sales, income, value-added, and employment. Sales refer to the gross value of all sales by regional businesses affected by an activity, such as recreational fishing. It includes both the direct sales made by the angler and sales made between businesses and households resulting from that original sale by the angler. Income includes personal income (wages and salaries) and proprietors' income (income from self-employment). Value-added is the contribution made to the gross domestic product in a region. Employment is specified on the basis of full- and part-time jobs supported directly or indirectly by the purchases made by anglers. The first three measures are calculated in terms of dollars, whereas employment impacts are measured in terms of number of jobs. Note that these categories are not additive. NOAA Fisheries uses a regional impact modeling software, called IMPLAN, to estimate these four types of impacts.

The greatest employment impacts from expenditures on saltwater recreational fishing in the New England Region

[2] Trip expenditure estimates were generated from the 2011 National Marine Recreational Fishing Expenditure Survey. Durable good expenditure impacts were generated from the 2014 National Marine Recreational Fishing Expenditure Survey (see http://www.st.nmfs.noaa.gov/economics/fisheries/recreational/Marine-Angler-Durable-Expenditures/2014-durable-expenditures-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 http://www.st.nmfs.noaa.gov/economics/publications/marine-angler-expenditures/marine-angler-2011).

were generated in Massachusetts (9,100 jobs), followed by Connecticut (3,400 jobs). The largest sales impacts were observed in Massachusetts ($1 billion), followed by Connecticut ($367 million). The biggest income impacts were generated in Massachusetts ($455 million), followed by Connecticut ($159 million). The greatest value-added impacts were in Massachusetts ($657 million), followed by Connecticut ($248 million).

Recreational fishing expenditures (on both fishing trips and durable equipment purchases) across the New England Region in 2015 totaled about $1.7 billion. Trip expenditures totaled more than $260 million, with a large portion coming from trips in the private boat (47%) and for-hire (28%) sectors. Durable goods expenditures totaled $1.4 billion, with the largest portion coming from boat expenses ($870 million).

Fishing Trips

In 2015, recreational fishermen took 5 million fishing trips in the New England Region. This number was a 45% decrease from 2006 and a 24% decrease from 2014. The largest proportions of trips were taken in the private boat mode (53%) and shore mode (40%). States with the highest number of recorded trips were Massachusetts (2.2 million trips) and Connecticut (1.3 million trips).

Participation

In 2015, there were 1 million recreational anglers who fished in the New England Region. This number was a 36% decrease from 2006 and a 14% decrease from 2014. These anglers were New England Region residents from either a coastal county (91%) or non-coastal county (9%).

Harvest and Release

Of New England's key species and species groups, Atlantic mackerel (6.1 million fish), porgies (scup, 4.4 million fish), and striped bass (3.3 million fish) were most frequently caught by recreational anglers. From 2006 to 2015, little tunny (433%), Atlantic mackerel (30%), and winter flounder (27%) had the largest increases in catch, while striped bass (-78%), bluefish (-70%), and summer flounder (-64%) had the largest decreases. From 2014 to 2015, Atlantic mackerel (31%) and striped bass (5%) had the largest increases in catch, while little tunny (-67%), wrasses (tautog) (-62%), and bluefish (-56%) had the largest decreases.

Recreational Catch: Largest Increases

From 2006:
- Little tunny (433%)
- Atlantic mackerel (30%)
- Winter flounder (27%)

From 2014:
- Atlantic mackerel (31%)
- Striped bass (5%)

Recreational Catch: Largest Decreases

From 2006:
- Striped bass (-78%)
- Bluefish (-70%)
- Summer flounder (-64%)

From 2014:
- Little tunny (-67%)
- Wrasses (tautog) (-62%)
- Bluefish (-56%)

MARINE ECONOMY

For this report, the marine economy refers to the economic activity generated by fishing and marine-related industries in a coastal state. The state marine economy consists of two industry sectors: 1) seafood sales and processing (employer establishments and non-employer firms); and 2) transport, support, and marine operations (employer establishments). These sectors include several different marine-related industries.[3,4]

To measure the size of the commercial fishing sector in a state's economy relative to the size of the commercial fishing sector in the national economy[5], researchers use an index called the Commercial Fishing Location Quotient (CFLQ). 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 U.S. CFLQ is 1. If a state's CFLQ is less than 1, then less commercial fishing occurs in this state than the national average. If a state's CFLQ is greater than 1, then more commercial

[3] Unless otherwise stated, data is from the U.S. Census Bureau, http://censtats.census.gov/ (accessed May 31, 2016).
[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 May 31, 2016).
[5] U.S. Bureau of Labor Statistics, "Location Quotient Calculator," http://data.bls.gov/location_quotient/ (accessed May 31, 2016).

fishing occurs in this state than the national average.

The Bureau of Labor Statistics did not disclose CFLQ data for Connecticut, Massachusetts, and New Hampshire for 2014. In 2014, the CFLQ for Maine was the highest for the remaining states in the region at 19.79. Maine's CFLQ suggests that the level of employment in industries related to commercial fishing in this state is approximately 19.79 times higher than the level of employment in these industries nationwide.

In 2014, 368,000 establishments operated throughout the New England Region (including marine and non-marine-related establishments). These establishments employed 6 million workers and had a total annual payroll of $339 billion. The region's gross domestic product was $885 billion in 2014.

Seafood Sales and Processing

Seafood Product Preparation and Packaging: In 2014, there were 110 non-employer firms (a 3% decrease from 2006) and annual receipts totaled $13 million (a 25% decrease from 2006 in real terms). The greatest number of firms was located in Maine (37).

There were 82 employer establishments (a 14% decrease from 2006) in 2014. These establishments employed approximately 2,365 workers (a 34% decrease from 2006) and had a total annual payroll of $118 million (a 28% decrease from 2006 in real terms). The greatest number of establishments was located in Massachusetts (42).

Seafood Sales, Retail: In 2014, there were 162 non-employer firms (a 4% increase from 2006) and annual receipts totaled $16 million (a 30% decrease from 2006 in real terms). The greatest number of firms was located in Maine (57).

There were 239 employer establishments (a 4% decrease from 2006) in 2014. These establishments employed 1,240 workers (a 8% increase from 2006) and had a total annual payroll of $39 million (a 13% increase from 2006 in real terms). The greatest number of establishments was located in Massachusetts (114).
Seafood Sales, Wholesale: There were 327 establishments (a 12% decrease from 2006) in 2014. These establishments employed 3,372 workers (a 17% increase from 2006) and had a total annual payroll of $163 million (a 19% increase from 2006 in real terms). The greatest number of establishments was located in Maine (142).

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 so 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, 484 establishments in the Marinas sector contributed more than 3,300 jobs and more than $160 million in payroll to the regional economy in 2014.

Tables | New England Region

2015 Economic Impacts of the New England Seafood Industry (thousands of dollars)

		With Imports				Without Imports			
	Landings Revenue	#Jobs	Sales	Income	Value Added	#Jobs	Sales	Income	Value Added
Connecticut	15,454	2,792	493,031	104,101	173,105	827	54,624	18,722	26,102
Maine	588,261	39,155	2,434,412	802,606	1,161,224	37,346	2,136,641	738,608	1,056,070
Massachusetts	524,785	83,037	7,308,054	1,905,547	2,903,689	52,710	2,208,920	810,487	1,106,061
New Hampshire	27,788	9,897	1,559,399	354,693	571,090	2,153	133,891	49,547	67,756
Rhode Island	81,836	4,831	347,115	116,581	166,677	4,522	289,923	104,827	146,909

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	1,132,841	895,381	808,816	787,206	960,090	1,103,010	1,192,900	1,163,328	1,195,545	1,238,124
Finfish & Other	329,226	178,819	190,526	176,399	189,803	212,059	243,355	204,318	193,491	182,441
Shellfish	803,615	716,562	618,290	610,806	770,288	890,951	949,546	959,010	1,002,054	1,055,683
Key Species										
American lobster	395,289	359,783	317,909	305,195	397,768	417,931	425,562	458,779	560,618	614,585
Atlantic herring	163,416	18,591	20,507	24,459	20,692	24,759	28,545	31,388	27,947	24,303
Atlantic mackerel	14,491	6,000	5,265	7,892	3,459	295	3,480	1,738	3,111	3,332
Clam, Softshell	34,434	22,586	20,903	19,117	19,767	20,911	22,177	22,841	24,339	27,420
Cod and haddock	31,856	39,326	47,166	38,745	49,710	48,775	29,972	16,350	20,681	19,052
Flounders	37,778	33,658	30,654	27,286	27,685	30,851	35,155	32,092	30,609	28,198
Goosefish	26,603	21,209	19,945	14,321	14,064	19,792	19,693	13,576	14,094	14,654
Quahog clam	28,356	30,026	8,901	9,002	9,713	8,314	9,276	9,383	10,121	11,295
Sea scallop	264,226	237,299	203,124	209,168	265,493	352,632	389,501	366,007	296,983	286,547
Squid	25,850	17,711	19,848	16,696	14,788	22,887	18,187	15,547	21,411	24,261

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	748,637	584,849	602,950	648,988	580,145	612,952	665,778	634,766	646,106	598,816
Finfish & Other	496,204	376,334	400,732	422,141	334,220	357,225	380,850	358,155	376,330	333,508
Shellfish	252,433	208,514	202,219	226,848	245,925	255,728	284,928	276,610	269,776	265,308
Key Species										
American lobster	94,347	79,435	86,229	99,199	116,024	125,167	148,906	149,116	146,454	145,413
Atlantic herring	240,596	156,602	167,709	210,784	140,789	174,338	190,532	203,763	197,908	171,822
Atlantic mackerel	99,752	50,760	38,359	39,398	16,904	913	9,680	9,049	12,934	10,016
Clam, Softshell	5,415	3,494	3,252	3,050	3,329	3,228	3,241	2,981	2,503	2,315
Cod and haddock	19,785	24,856	33,122	32,470	39,261	30,108	14,800	9,072	15,133	15,258
Flounders	19,542	16,093	15,501	16,232	14,531	17,913	18,353	16,320	14,270	12,305
Goosefish	26,146	19,968	17,757	14,256	12,378	14,700	16,422	14,321	14,552	15,267
Quahog clam	6,195	4,630	1,468	1,628	1,790	1,513	1,570	1,594	1,584	1,465
Sea scallop	41,229	35,390	28,867	31,604	32,884	35,285	39,209	32,103	23,482	23,278
Squid	43,652	26,421	28,615	28,014	21,722	27,907	16,153	14,575	28,781	23,697

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
American lobster	4.19	4.53	3.69	3.08	3.43	3.34	2.86	3.08	3.83	4.23
Atlantic herring	0.68	0.12	0.12	0.12	0.15	0.14	0.15	0.15	0.14	0.14
Atlantic mackerel	0.15	0.12	0.14	0.20	0.20	0.32	0.36	0.19	0.24	0.33
Clam, Softshell	6.36	6.46	6.43	6.27	5.94	6.48	6.84	7.66	9.73	11.85
Cod and haddock	1.61	1.58	1.42	1.19	1.27	1.62	2.03	1.80	1.37	1.25
Flounders	1.93	2.09	1.98	1.68	1.91	1.72	1.92	1.97	2.15	2.29
Goosefish	1.02	1.06	1.12	1.00	1.14	1.35	1.20	0.95	0.97	0.96
Quahog clam	4.58	6.49	6.06	5.53	5.43	5.50	5.91	5.89	6.39	7.71
Sea scallop	6.41	6.71	7.04	6.62	8.07	9.99	9.93	11.40	12.65	12.31
Squid	0.59	0.67	0.69	0.60	0.68	0.82	1.13	1.07	0.74	1.02

2015 Economic Impacts of the New England Recreational Fishing Expenditures (thousands of dollars, trips)

	Trips	#Jobs	Sales	Income	Value Added
Connecticut	1,341	3,357	366,636	159,322	247,998
Maine	414	713	65,390	24,387	38,564
Massachusetts	2,181	9,127	986,062	455,207	657,392
New Hampshire	221	465	49,684	21,478	30,486
Rhode Island	879	3,354	331,518	141,407	216,643

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures	Equipment	Durable Goods Expenditures
For-Hire	72,359	Fishing Tackle	314,070
Private Boat	122,221	Other Equipment	113,845
Shore	66,352	Boat Expenses	869,523
Total	260,933	Vehicle Expenses	121,144
		Second Home Expenses	1,098
		Total Durable Expenditures	1,419,679
Total State Trip and Durable Goods Expenditures			1,680,612

Recreational Anglers by Residential Area (thousands of anglers)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	1,408	1,408	1,389	1,222	1,317	1,156	1,171	1,043	1,080	924
Non-Coastal	188	205	187	165	169	131	144	100	99	95
Out-of-State	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Anglers	1,596	1,614	1,576	1,387	1,486	1,288	1,316	1,143	1,179	1,018

Recreational Fishing Effort by Mode (thousands of angler trips)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	457	518	512	464	321	367	345	516	487	354
Private	4,651	4,820	4,894	3,374	3,967	3,161	3,132	3,459	3,226	2,677
Shore	4,106	3,951	3,735	3,321	2,926	2,532	2,687	2,313	2,939	2,004
Total Trips	9,213	9,289	9,141	7,160	7,213	6,060	6,164	6,287	6,652	5,036

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)[2]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Atlantic cod	H	202	305	385	391	509	530	337	392	264	22
	R	722	966	954	833	1,071	915	472	642	667	509
Atlantic mackerel	H	4,180	1,886	3,358	2,464	3,471	5,335	3,276	3,712	3,263	5,138
	R	559	116	452	343	381	535	484	283	1,420	1,002
Bluefin tuna	H	3	11	9	9	1	2	9	< 1	8	3
	R	7	10	2	5	< 1	5	4	< 1	< 1	6
Bluefish	H	1,647	1,512	1,461	674	1,183	658	1,503	1,682	863	680
	R	3,638	2,906	2,995	1,435	1,848	1,931	1,951	1,954	2,753	913
Little tunny	H	< 1	5	< 1	1	2	0	11	1	9	51
	R	26	65	16	16	20	44	103	14	427	92
Porgies (scup)	H	1,428	3,049	1,944	1,498	2,411	2,286	2,953	3,800	3,171	2,216
	R	2,637	2,802	4,048	3,278	3,586	2,376	3,530	3,091	3,275	2,199
Striped bass	H	595	595	602	547	527	458	530	697	492	292
	R	14,092	8,366	7,713	4,164	2,771	2,041	1,780	3,796	2,655	3,010
Summer flounder	H	641	426	582	167	199	267	241	429	417	336
	R	2,851	1,045	2,112	908	818	1,252	939	1,456	1,393	910
Winter flounder	H	50	51	180	112	105	100	56	44	96	57
	R	46	44	71	102	85	60	27	24	56	65
Wrasses (tautog)	H	362	569	305	196	359	78	323	298	487	264
	R	638	1,425	514	395	562	385	909	966	2,213	749

[1] NA = data are not available because out-of-state resident information is collected for individual states but does not specify whether an angler resides in a region.
[2] In this table, '<1' = 0-999 fish and '1' = 1,000-1,499 thousand fish.

Tables | Connecticut

2015 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	2,792	493,031	104,101	173,105	827	54,624	18,722	26,102
Commercial Harvesters	413	27,406	7,517	11,582	413	27,406	7,517	11,582
Seafood Processors & Dealers	117	13,504	5,157	6,667	51	5,932	2,265	2,928
Importers	1,202	371,706	59,573	113,312	0	0	0	0
Seafood Wholesalers & Distributors	177	31,663	10,364	13,925	16	2,881	943	1,267
Retail	884	48,751	21,490	27,619	347	18,406	7,997	10,325

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	36,892	42,053	17,206	15,007	17,626	20,032	21,132	14,632	14,144	15,454
Finfish & Other	3,709	3,270	3,962	3,108	5,229	4,817	5,467	5,123	4,428	5,072
Shellfish	33,183	38,782	13,243	11,899	12,397	15,215	15,665	9,509	9,716	10,382
Key Species										
American lobster	4,031	3,222	2,102	1,763	1,894	943	1,057	577	608	1,073
Goosefish	346	512	551	591	564	976	1,040	1,022	510	673
Other flounders	245	232	172	87	42	33	65	184	89	164
Red hake	104	110	181	137	76	89	88	115	104	112
Scups or Porgies	302	311	383	196	272	408	837	705	573	818
Sea scallop	7,229	8,605	10,032	8,952	9,458	13,007	12,005	7,219	7,219	7,040
Silver hake	1,515	1,115	1,436	1,011	1,341	1,617	1,380	1,301	1,586	1,164
Squid, loligo	954	744	546	260	473	694	1,861	1,257	1,354	1,631
Summer flounder	783	648	680	649	850	1,005	940	902	921	1,078
Whelks and Conchs	533	312	453	796	449	159	616	295	336	487

Total Landings & Landings of Key Species/Species Groups (thousands of pounds)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	11,750	10,050	7,131	6,568	6,698	7,403	8,940	7,957	7,523	9,383
Finfish & Other	5,745	3,845	4,520	4,155	4,409	5,218	5,756	5,875	5,221	7,103
Shellfish	6,005	6,205	2,611	2,414	2,288	2,186	3,184	2,082	2,302	2,280
Key Species										
American lobster	793	569	426	412	442	199	248	127	127	205
Goosefish	496	460	424	546	358	630	765	967	493	600
Other flounders	141	140	88	58	26	27	40	142	60	86
Red hake	264	266	284	310	176	158	185	173	167	146
Scups or Porgies	298	256	282	204	324	644	907	1,195	811	981
Sea scallop	1,104	1,313	1,407	1,386	1,260	1,318	1,231	640	609	577
Silver hake	2,348	1,565	2,178	1,881	1,973	2,041	1,848	1,647	2,037	1,320
Squid, loligo	1,157	811	523	256	366	498	1,518	1,098	1,318	1,317
Summer flounder	317	205	221	251	308	401	316	284	253	287
Whelks and Conchs	101	117	174	229	113	28	91	81	98	81

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
American lobster	5.08	5.67	4.93	4.27	4.29	4.74	4.26	4.53	4.78	5.23
Goosefish	0.70	1.11	1.30	1.08	1.58	1.55	1.36	1.06	1.04	1.12
Other flounders	1.73	1.66	1.96	1.50	1.60	1.23	1.60	1.29	1.49	1.91
Red hake	0.39	0.41	0.64	0.44	0.43	0.56	0.47	0.66	0.62	0.77
Scups or Porgies	1.01	1.22	1.36	0.96	0.84	0.63	0.92	0.59	0.71	0.83
Sea scallop	6.55	6.55	7.13	6.46	7.51	9.87	9.75	11.29	11.85	12.2
Silver hake	0.65	0.71	0.66	0.54	0.68	0.79	0.75	0.79	0.78	0.88
Squid, loligo	0.82	0.92	1.04	1.01	1.29	1.39	1.23	1.15	1.03	1.24
Summer flounder	2.47	3.16	3.08	2.59	2.76	2.50	2.98	3.18	3.63	3.76
Whelks and Conchs	5.28	2.66	2.61	3.47	3.98	5.63	6.75	3.65	3.43	6.04

2014 Connecticut State Economy (% of national total)[1,3]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	88,555 (1.2%)	1,485,426 (1.2%)	87.87 (1.5%)	133.25 (1.4%)	250.57 (1.5%)	ds

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	11	ds	18	17	17	14	13	25	26
	Receipts	3,206	ds	2,375	2,550	1,518	1,066	882	3,058	3,969
Seafood sales, retail	Firms	15	26	25	23	25	21	21	20	18
	Receipts	2,915	4,436	3,247	2,142	2,473	2,165	1,388	1,543	1,655

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

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	4	3	3	2	2	2	1	1	1
	Employees	119	ds	59	ds	ds	ds	ds	ds	ds
	Payroll	4,242	ds	1,040	ds	ds	ds	ds	ds	ds
Seafood sales, wholesale	Establishments	19	20	24	25	23	24	16	17	19
	Employees	ds	183	185	212	216	212	187	178	172
	Payroll	ds	8,347	8,551	8,842	9,219	9,224	8,237	7,920	8,174
Seafood sales, retail	Establishments	35	36	35	36	39	37	37	36	35
	Employees	196	177	203	205	204	171	233	218	244
	Payroll	4,937	5,252	5,248	5,551	5,563	4,824	6,349	6,344	7,380

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	4	4	5	5	6	5	10	9	9
	Employees	ds	ds	ds	ds	ds	95	256	ds	ds
	Payroll	ds	ds	ds	ds	8,148	7,856	32,789	ds	ds
Deep sea freight transportation	Establishments	14	14	12	12	10	11	14	11	11
	Employees	235	228	243	222	225	225	297	184	ds
	Payroll	47,845	48,110	46,595	45,045	29,407	41,302	37,711	28,513	26,891
Deep sea passenger transportation	Establishments	1	2	1	1	1	1	1	0	0
	Employees	ds	ds	ds	ds	ds	ds	ds	NA	NA
	Payroll	ds	ds	ds	ds	ds	ds	ds	NA	NA
Marinas	Establishments	119	124	125	126	129	128	130	130	128
	Employees	1,024	1,224	1,352	1,261	1,284	1,283	1,257	1,265	1,174
	Payroll	44,829	50,809	60,016	58,065	58,877	59,851	60,803	63,211	59,054
Marine cargo handling	Establishments	3	5	4	3	3	3	0	1	1
	Employees	ds	ds	ds	ds	ds	ds	NA	ds	ds
	Payroll	ds	5,925	ds	ds	ds	ds	NA	ds	ds
Navigational services to shipping	Establishments	9	6	6	6	6	5	2	2	4
	Employees	69	ds	ds	5	ds	5	ds	ds	3
	Payroll	2,423	432	338	696	242	898	ds	ds	185
Port & harbor operations	Establishments	4	4	8	8	6	5	4	5	5
	Employees	ds	ds	179	166	122	34	ds	ds	ds
	Payroll	ds	ds	6,136	5,787	2,162	848	1,414	ds	ds
Ship & boat building	Establishments	17	22	15	13	12	11	8	7	9
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that less commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.

Tables | Maine

2015 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	39,155	2,434,412	802,606	1,161,224	37,346	2,136,641	738,608	1,056,070
Commercial Harvesters	17,572	1,129,007	309,204	505,360	17,572	1,129,007	309,204	505,360
Seafood Processors & Dealers	2,962	231,387	92,899	118,704	2,678	209,217	83,998	107,331
Importers	749	231,751	37,142	70,648	0	0	0	0
Seafood Wholesalers & Distributors	1,216	129,719	46,532	60,549	1,048	111,843	40,119	52,205
Retail	16,656	712,549	316,829	405,963	16,048	686,574	305,286	391,173

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	391,293	344,022	308,233	292,315	380,435	411,983	450,926	476,423	547,333	588,261
Finfish & Other	38,552	37,507	37,440	30,367	30,196	43,816	77,546	72,857	50,692	49,110
Shellfish	352,742	306,515	270,793	261,948	350,240	368,168	373,380	403,566	496,641	539,151
Key Species										
American lobster	305,443	280,634	245,146	237,519	318,304	334,577	341,861	370,207	459,183	498,375
Atlantic herring	10,729	9,173	8,396	7,867	8,643	14,404	14,490	15,514	16,212	13,534
Bloodworms	5,177	6,051	5,913	6,196	5,893	5,847	5,191	5,644	6,085	6,335
Blue mussel	2,716	1,934	1,627	2,203	2,071	1,969	1,919	2,341	2,153	2,458
Cod & haddock	3,982	3,728	5,257	1,752	1,528	1,666	1,362	976	1,267	1,069
Goosefish	3,238	2,402	1,478	526	393	578	1,059	773	566	615
Ocean quahog clam	3,919	3,194	2,195	1,821	1,721	2,117	1,737	1,378	1,238	1,311
Pollock	2,309	2,160	2,321	2,047	1,503	1,929	2,527	2,562	2,878	1,966
Sea urchins	4,741	4,367	5,410	5,866	5,490	5,113	5,024	5,781	5,325	4,950
Softshell clam	26,940	12,574	12,826	11,686	12,960	15,852	15,655	18,102	20,232	22,816

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	216,657	186,324	186,696	188,388	200,876	249,496	263,421	266,413	265,182	241,955
Finfish & Other	117,637	99,230	98,951	82,505	79,375	122,944	121,322	120,555	127,687	104,285
Shellfish	99,020	87,094	87,745	105,883	121,501	126,552	142,099	145,859	137,495	137,670
Key Species										
American lobster	75,346	63,959	69,863	81,179	96,246	104,923	127,237	127,756	124,218	121,729
Atlantic herring	97,843	74,817	67,731	64,606	57,557	97,116	92,506	98,859	103,530	86,485
Bloodworms	462	549	537	574	534	526	457	470	448	401
Blue mussel	3,435	2,643	2,289	2,760	2,582	2,810	2,399	2,282	2,270	2,401
Cod & haddock	2,448	2,345	2,455	1,401	876	842	549	418	685	658
Goosefish	3,669	2,376	1,178	603	404	533	1,075	874	633	740
Ocean quahog clam	1,214	1,011	669	556	549	645	698	557	438	416
Pollock	3,678	4,245	4,064	3,040	1,640	2,325	2,666	2,227	2,319	1,382
Sea urchins	3,372	2,761	2,900	3,487	2,592	2,407	1,904	1,988	1,981	1,775
Softshell clam	3,918	1,948	1,998	1,902	2,077	2,365	2,257	2,297	2,080	1,890

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
American lobster	4.05	4.39	3.51	2.93	3.31	3.19	2.69	2.90	3.70	4.09
Atlantic herring	0.11	0.12	0.12	0.12	0.15	0.15	0.16	0.16	0.16	0.16
Bloodworms	11.2	11.02	11.01	10.79	11.03	11.12	11.36	12.00	13.59	15.8
Blue mussel	0.79	0.73	0.71	0.80	0.80	0.70	0.80	1.03	0.95	1.02
Cod & haddock	1.63	1.59	2.14	1.25	1.74	1.98	2.48	2.33	1.85	1.62
Goosefish	0.88	1.01	1.25	0.87	0.97	1.09	0.99	0.88	0.89	0.83
Ocean quahog clam	3.23	3.16	3.28	3.27	3.13	3.28	2.49	2.47	2.82	3.15
Pollock	0.63	0.51	0.57	0.67	0.92	0.83	0.95	1.15	1.24	1.42
Sea urchins	1.41	1.58	1.87	1.68	2.12	2.12	2.64	2.91	2.69	2.79
Softshell clam	6.88	6.46	6.42	6.14	6.24	6.70	6.93	7.88	9.73	12.07

2014 Maine State Economy (% of national total)[1]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	40,369 (0.5%)	492,690 (0.4%)	19.63 (0.3%)	32.2 (0.3%)	54.32 (0.3%)	19.79

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	54	65	64	63	59	51	51	36	37
	Receipts	6,463	7,177	4,261	6,605	4,480	3,077	3,294	2,757	4,142
Seafood sales, retail	Firms	45	55	46	48	47	48	46	49	57
	Receipts	7,115	5,905	4,035	4,882	5,835	4,608	4,492	4,200	4,664

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

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	27	27	29	25	27	28	29	28	30
	Employees	616	536	490	545	594	500	492	376	546
	Payroll	12,304	9,351	9,288	10,427	12,851	10,353	12,011	11,797	18,713
Seafood sales, wholesale	Establishments	167	170	168	164	164	152	136	150	142
	Employees	996	1,015	1,210	1,126	1,153	1,109	1,047	1,340	1,047
	Payroll	32,192	32,005	36,185	37,687	39,915	38,412	40,734	46,782	40,392
Seafood sales, retail	Establishments	55	50	45	49	51	51	48	51	54
	Employees	179	181	148	152	176	177	215	243	235
	Payroll	4,753	4,635	4,148	4,481	5,126	5,108	6,902	7,618	7,558

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	3	3	5	4	4	4	3	3	3
	Employees	ds	ds	ds	22	28	ds	ds	ds	ds
	Payroll	ds	ds	1,058	1,037	1,067	1,105	ds	ds	ds
Deep sea freight transportation	Establishments	1	0	1	1	1	0	0	0	0
	Employees	ds	NA	ds	ds	ds	NA	NA	NA	NA
	Payroll	ds	NA	ds	ds	ds	NA	NA	NA	NA
Deep sea passenger transportation	Establishments	1	2	1	1	1	1	0	0	0
	Employees	ds	ds	ds	ds	ds	ds	NA	NA	NA
	Payroll	ds	ds	ds	ds	ds	ds	NA	NA	NA
Marinas	Establishments	84	86	87	89	86	84	80	79	79
	Employees	417	464	411	376	395	349	428	403	435
	Payroll	15,353	18,600	15,206	14,654	14,699	15,426	17,102	17,476	19,694
Marine cargo handling	Establishments	3	3	3	3	2	2	1	2	2
	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	12	15	15	14	13	13	13	14	14
	Employees	93	105	138	93	68	63	65	86	75
	Payroll	6,260	6,737	6,148	5,369	4,928	4,776	4,730	5,660	5,243
Port & harbor operations	Establishments	1	2	2	1	1	1	6	3	3
	Employees	ds	ds	ds	ds	ds	ds	ds	2	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	130	113
Ship & boat building	Establishments	89	94	90	82	75	76	76	79	84
	Employees	6,808	6,751	6,930	ds	ds	ds	ds	ds	ds
	Payroll	320,288	345,036	354,899	ds	ds	ds	ds	ds	ds

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that less commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.

Tables | Massachusetts

2015 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	83,037	7,308,054	1,905,547	2,903,689	52,710	2,208,920	810,487	1,106,061
Commercial Harvesters	10,923	960,771	302,583	445,507	10,923	960,771	302,583	445,507
Seafood Processors & Dealers	6,383	921,546	351,348	456,814	1,509	217,931	83,088	108,029
Importers	12,385	3,831,016	613,993	1,167,862	0	0	0	0
Seafood Wholesalers & Distributors	2,631	465,517	152,123	206,408	955	168,934	55,205	74,905
Retail	50,714	1,129,203	485,498	627,098	39,323	861,284	369,611	477,620

Total Landings Revenue & Landings Revenue of Key Species/Species Groups (thousands of dollars)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	586,320	420,004	399,822	400,473	478,691	571,583	616,466	565,739	523,410	524,785
Finfish & Other	252,181	109,089	121,567	113,973	126,262	132,388	126,152	93,961	103,615	99,478
Shellfish	334,139	310,915	278,254	286,500	352,430	439,195	490,314	471,779	419,795	425,307
Key Species										
American lobster	55,901	51,258	45,418	42,731	50,330	53,302	53,357	61,662	68,376	78,275
Atlantic herring	149,733	8,265	11,342	15,062	10,251	8,802	11,529	10,750	9,432	8,805
Atlantic mackerel	10,320	4,736	4,265	4,528	1,487	137	654	1,223	2,421	1,926
Clams, all other	14,045	15,680	15,255	16,745	17,966	19,154	37,294	28,311	26,484	27,985
Cod & haddock	25,397	32,043	38,696	33,684	45,210	43,397	26,123	14,083	18,440	17,588
Eastern oyster	4,864	4,559	5,496	6,432	8,225	9,066	12,071	13,896	19,575	22,735
Flounders	24,574	22,095	20,924	19,645	19,975	22,025	25,058	20,612	17,949	17,436
Goosefish	17,712	14,380	14,035	9,902	9,922	13,431	13,596	8,870	10,028	10,285
Ocean quahog clam	8,297	10,100	9,575	10,710	8,981	7,995	NA	10,229	9,814	9,063
Sea scallop	234,796	218,292	189,891	197,280	252,253	330,944	364,864	334,205	271,373	264,941

Total Landings & Landings of Key Species/Species Groups (thousands of pounds)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	396,910	304,774	326,632	356,105	283,025	264,991	296,037	262,256	272,601	260,755
Finfish & Other	304,512	227,208	255,603	278,908	200,844	179,757	193,481	163,944	181,680	169,292
Shellfish	92,398	77,566	71,029	77,197	82,181	85,233	102,556	98,312	90,921	91,463
Key Species										
American lobster	12,100	10,145	10,600	11,782	12,760	13,373	14,485	15,260	15,323	16,447
Atlantic herring	119,547	73,268	94,266	133,531	71,922	66,970	81,781	74,992	77,873	70,888
Atlantic mackerel	89,535	46,240	35,406	30,199	12,156	515	4,131	7,279	10,755	6,935
Clams, all other	7,071	4,135	4,376	6,552	10,242	13,352	35,053	22,495	20,725	20,507
Cod & haddock	15,833	20,298	28,537	28,515	36,461	27,164	13,164	8,123	13,977	14,394
Eastern oyster	87	123	138	159	215	231	310	329	444	593
Flounders	13,175	10,977	11,609	12,405	11,159	13,692	14,250	11,517	9,018	8,294
Goosefish	17,495	13,597	12,680	10,015	8,887	10,143	11,583	9,498	10,533	11,084
Ocean quahog clam	16,830	20,158	18,126	18,691	15,646	12,479	NA	14,476	13,422	13,340
Sea scallop	36,666	32,540	27,011	29,782	31,156	33,092	36,725	29,287	21,392	21,516

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
American lobster	4.62	5.05	4.28	3.63	3.94	3.99	3.68	4.04	4.46	4.76
Atlantic herring	1.25	0.11	0.12	0.11	0.14	0.13	0.14	0.14	0.12	0.12
Atlantic mackerel	0.12	0.10	0.12	0.15	0.12	0.27	0.16	0.17	0.23	0.28
Clams, all other	1.99	3.79	3.49	2.56	1.75	1.43	1.06	1.26	1.28	1.36
Cod & haddock	1.60	1.58	1.36	1.18	1.24	1.60	1.98	1.73	1.32	1.22
Eastern oyster	56.1	37.00	39.77	40.36	38.3	39.25	38.96	42.28	44.12	38.34
Flounders	1.87	2.01	1.80	1.58	1.79	1.61	1.76	1.79	1.99	2.10
Goosefish	1.01	1.06	1.11	0.99	1.12	1.32	1.17	0.93	0.95	0.93
Ocean quahog clam	0.49	0.50	0.53	0.57	0.57	0.64	NA	0.71	0.73	0.68
Sea scallop	6.40	6.71	7.03	6.62	8.10	10.00	9.93	11.41	12.69	12.31

[1] NA = these data are confidential and therefore not disclosable.

2015 Economic Impacts of Massachusetts Recreational Fishing Expenditures (thousands of dollars)

		#Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	434	56,424	23,850	32,911
	Private Boat	500	58,868	25,359	37,359
	Shore	516	56,327	23,210	36,559
Total Durable Expenditures		7,677	814,443	382,788	550,563
Total State Economic Impacts		9,127	986,062	455,207	657,392

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures
For-Hire	33,686
Private Boat	75,472
Shore	46,513
Total	155,671

Equipment	Durable Goods Expenditures
Fishing Tackle	168,872
Other Equipment	69,515
Boat Expenses	486,887
Vehicle Expenses	88,627
Second Home Expenses	542
Total Durable Expenditures	814,443

Total State Trip and Durable Goods Expenditures	970,114

Recreational Anglers by Residential Area (thousands of anglers)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	623	664	655	489	586	490	502	546	582	428
Non-Coastal	151	179	170	144	152	115	130	77	82	85
Out-of-State	484	465	469	421	433	293	309	275	532	199
Total Anglers	1,258	1,309	1,293	1,054	1,171	897	941	898	1,196	711

Recreational Fishing Effort by Mode (thousands of angler trips)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	231	234	255	240	154	189	203	259	243	116
Private	2,411	2,440	2,338	1,760	2,148	1,319	1,471	1,621	1,568	1,223
Shore	1,938	1,947	1,929	1,451	1,186	1,305	1,151	1,058	1,586	842
Total Trips	4,579	4,622	4,522	3,450	3,489	2,813	2,825	2,939	3,397	2,181

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)[1]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Atlantic bonito	H	13	4	7	5	1	5	5	0	18	8
	R	38	12	9	< 1	3	0	< 1	< 1	8	6
Atlantic cod	H	119	231	261	214	413	360	229	216	185	2
	R	424	658	672	581	884	542	240	411	479	137
Atlantic mackerel	H	3,603	952	2,024	471	2,083	1,649	1,132	2,274	1,926	4,019
	R	423	27	152	68	186	42	161	178	225	815
Bluefish	H	653	683	519	343	474	225	337	447	438	245
	R	1,844	1,240	1,302	953	1,028	598	714	580	2,213	254
Haddock	H	121	293	233	155	143	52	89	105	115	56
	R	63	56	158	36	33	12	68	310	403	113
Porgies (scup)	H	425	1,770	762	1,069	925	785	1,587	2,043	1,634	1,197
	R	1,096	1,183	1,687	1,741	1,858	1,174	1,806	1,257	1,283	822
Striped bass	H	315	315	378	344	341	256	378	299	277	171
	R	7,810	5,331	3,649	2,283	1,671	973	990	1,691	1,826	1,546
Summer flounder	H	239	138	232	50	45	58	76	31	113	79
	R	610	135	273	96	215	183	250	62	337	90
Winter flounder	H	43	41	169	87	86	69	46	44	92	43
	R	20	19	62	84	67	58	18	17	46	30
Wrasses (tautog)	H	80	91	34	25	46	33	25	58	100	40
	R	332	413	77	96	118	210	96	231	423	185

[1] In this table, ’<1’ = 0-999 fish and ’1’ = 1,000-1,499 thousand fish.

2014 Massachusett State Economy (% of national total)[1,3]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	173,575 (2.3%)	3,087,030 (2.5%)	185.35 (3.1%)	270.28 (2.9%)	455.73 (2.6%)	ds

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	36	24	26	22	27	36	25	28	33
	Receipts	2,525	908	1,250	1,943	2,082	2,433	1,699	1,857	2,356
Seafood sales, retail	Firms	62	57	64	64	61	66	65	51	56
	Receipts	4,905	4,421	7,982	7,686	6,287	7,640	5,213	3,842	5,782

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

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	47	52	44	44	44	44	39	40	42
	Employees	2,607	2,684	2,355	2,396	2,159	2,214	1,638	1,755	1,819
	Payroll	120,912	113,580	109,747	119,282	107,635	112,399	74,541	87,153	99,445
Seafood sales, wholesale	Establishments	139	160	141	144	149	141	140	142	130
	Employees	1,706	1,803	1,442	1,542	1,591	2,013	1,841	1,910	1,859
	Payroll	77,106	81,863	68,898	70,864	83,467	94,105	100,801	104,637	101,512
Seafood sales, retail	Establishments	115	126	118	115	112	106	114	114	114
	Employees	692	737	549	542	584	576	576	708	647
	Payroll	18,165	19,267	15,017	15,261	16,495	16,037	15,776	18,304	19,516

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	12	14	14	12	12	10	14	8	12
	Employees	623	283	169	166	ds	ds	ds	22	25
	Payroll	38,421	18,620	11,701	10,011	ds	ds	3,266	1,352	1,478
Deep sea freight transportation	Establishments	11	12	8	10	8	7	9	8	9
	Employees	509	ds	361	ds	313	381	ds	ds	ds
	Payroll	38,982	ds	38,908	35,473	36,069	38,797	ds	ds	ds
Deep sea passenger transportation	Establishments	4	1	0	1	0	0	0	0	0
	Employees	ds	ds	NA	ds	NA	NA	NA	NA	NA
	Payroll	ds	ds	NA	ds	NA	NA	NA	NA	NA
Marinas	Establishments	141	173	175	177	175	176	172	178	177
	Employees	1,064	1,154	1,138	1,188	1,150	1,125	977	1,054	1,161
	Payroll	45,894	51,705	53,694	56,663	57,002	58,251	48,657	55,053	57,797
Marine cargo handling	Establishments	4	5	3	2	2	2	4	3	3
	Employees	ds	69	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	2,867	2,271	ds	ds	ds	ds	ds	ds
Navigational services to shipping	Establishments	11	9	8	11	9	9	8	11	9
	Employees	ds	65	75	71	150	139	120	94	83
	Payroll	ds	4,540	4,355	4,342	9,413	6,980	5,965	6,578	6,645
Port & harbor operations	Establishments	4	3	4	4	8	6	5	3	1
	Employees	ds	69	63	66	86	95	35	ds	ds
	Payroll	ds	647	1,289	1,323	2,662	3,035	1,519	ds	ds
Ship & boat building	Establishments	47	49	43	38	37	37	40	41	43
	Employees	ds	588	603	579	535	445	446	463	623
	Payroll	ds	26,445	28,402	20,685	20,196	22,066	23,195	23,615	31,451

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that less commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.

Tables | New Hampshire

2015 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	9,897	1,559,399	354,693	571,090	2,153	133,891	49,547	67,756
Commercial Harvesters	744	48,737	13,775	21,391	744	48,737	13,775	21,391
Seafood Processors & Dealers	1,072	129,892	51,040	65,812	171	20,662	8,119	10,469
Importers	3,579	1,107,178	177,446	337,516	0	0	0	0
Seafood Wholesalers & Distributors	655	93,384	32,918	43,320	66	9,433	3,325	4,376
Retail	3,846	180,207	79,514	103,049	1,173	55,059	24,328	31,520

Total Landings Revenue & Landings Revenue of Key Species/Species Groups (thousands of dollars)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	18,970	17,021	17,471	17,754	20,599	23,483	23,241	20,163	24,313	27,788
Finfish & Other	5,122	4,151	4,824	5,569	5,122	6,147	5,579	2,908	2,932	2,733
Shellfish	13,848	12,870	12,647	12,186	15,477	17,336	17,662	17,256	21,381	25,055
Key Species										
American lobster	12,582	12,517	12,267	11,919	14,836	16,343	17,169	16,601	20,741	24,517
Atlantic cod	1,732	1,972	2,311	2,587	2,187	2,500	1,750	546	571	93
Atlantic herring	3	147	134	271	375	208	349	216	NA	584
Goosefish	783	375	290	280	212	207	153	186	NA	351
Haddock	128	123	89	68	29	35	95	22	18	8
Hake	165	244	167	215	237	445	474	374	NA	263
Pollock	1,502	902	1,093	1,283	839	1,355	1,224	1,135	860	356
Sea scallop	126	30	16	4	3	26	143	287	346	400
Spiny dogfish	76	NA	419	557	293	451	420	96	NA	NA

Total Landings & Landings of Key Species/Species Groups (thousands of pounds)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	10,295	8,430	10,464	13,886	11,809	12,315	12,148	8,254	9,115	11,088
Finfish & Other	7,463	5,174	7,180	10,093	7,026	7,144	7,546	3,995	4,302	6,148
Shellfish	2,832	3,256	3,284	3,793	4,783	5,171	4,603	4,259	4,813	4,940
Key Species										
American lobster	2,357	2,469	2,567	2,985	3,648	3,919	4,229	3,818	4,373	4,716
Atlantic cod	1,024	1,168	1,479	1,984	1,227	1,286	726	230	263	45
Atlantic herring	22	936	1,198	3,120	2,830	1,514	2,391	1,579	NA	3,999
Goosefish	621	325	250	250	172	153	126	162	NA	314
Haddock	73	61	53	45	18	19	45	10	10	6
Hake	157	313	222	423	322	587	1,135	393	NA	309
Pollock	2,566	2,025	2,456	2,017	1,042	1,732	1,049	983	629	270
Sea scallop	21	4	2	1	0	3	12	25	27	31
Spiny dogfish	242	NA	1,370	2,073	1,214	1,646	1,789	515	NA	NA

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
American lobster	5.34	5.07	4.78	3.99	4.07	4.17	4.06	4.35	4.74	5.20
Atlantic cod	1.69	1.69	1.56	1.30	1.78	1.94	2.41	2.38	2.17	2.08
Atlantic herring	0.12	0.16	0.11	0.09	0.13	0.14	0.15	0.14	NA	0.15
Goosefish	1.26	1.15	1.16	1.12	1.23	1.36	1.21	1.15	NA	1.12
Haddock	1.76	2.01	1.70	1.52	1.57	1.91	2.13	2.16	1.74	1.41
Hake	1.05	0.78	0.75	0.51	0.74	0.76	0.42	0.95	NA	0.85
Pollock	0.59	0.45	0.45	0.64	0.81	0.78	1.17	1.15	1.37	1.32
Sea scallop	5.92	8.26	7.68	7.22	8.84	10.35	11.68	11.54	12.71	12.89
Spiny dogfish	0.32	NA	0.31	0.27	0.24	0.27	0.23	0.19	NA	NA

[1] NA = these data are confidential and therefore not disclosable.

2015 Economic Impacts of New Hampshire Recreational Fishing Expenditures (thousands of dollars)

		#Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	147	18,053	6,900	9,721
	Private Boat	24	2,580	1,129	1,599
	Shore	14	1,312	529	810
Total Durable Expenditures		280	27,739	12,920	18,356
Total State Economic Impacts		465	49,684	21,478	30,486

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures	Equipment	Durable Goods Expenditures
For-Hire	10,849	Fishing Tackle	11,093
Private Boat	3,506	Other Equipment	3,403
Shore	1,141	Boat Expenses	13,398
Total	15,497	Vehicle Expenses	1,336
		Second Home Expenses	0
		Total Durable Expenditures	29,230
Total State Trip and Durable Goods Expenditures			44,727

Recreational Anglers by Residential Area (thousands of anglers)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	90	97	63	67	46	56	58	68	50	54
Non-Coastal	15	13	8	9	7	10	9	19	11	6
Out-of-State	82	63	46	58	33	30	54	66	58	54
Total Anglers	187	172	118	134	86	96	121	153	120	115

Recreational Fishing Effort by Mode (thousands of angler trips)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	92	114	90	98	61	71	55	116	105	86
Private	182	233	139	147	90	178	163	107	113	79
Shore	227	155	103	155	92	48	81	89	34	57
Total Trips	501	502	333	401	243	297	299	313	252	221

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)[1]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Atlantic cod	H	65	53	81	128	80	127	64	115	44	1
	R	247	235	232	209	130	259	150	156	132	260
Atlantic mackerel	H	115	128	497	882	295	2,142	1,116	707	628	233
	R	33	9	35	81	18	188	160	14	29	47
Bluefin tuna	H	0	0	< 1	< 1	0	0	< 1	0	0	0
	R	0	0	0	< 1	< 1	2	0	0	0	0
Bluefish	H	9	34	6	< 1	2	2	9	0	< 1	2
	R	23	18	3	2	< 1	1	5	< 1	2	0
Haddock	H	167	97	90	100	48	76	74	72	76	140
	R	109	44	18	28	11	20	114	258	424	322
Pollock	H	76	70	52	40	52	101	65	118	101	93
	R	47	17	20	50	75	104	147	237	154	320
Striped bass	H	14	6	5	9	6	33	14	17	6	2
	R	461	257	77	57	52	99	64	82	79	56
Winter flounder	H	7	9	11	10	2	12	< 1	0	4	3
	R	3	7	6	5	5	1	1	3	5	4

[1] In this table, '<1' = 0-999 fish and '1' = 1,000-1,499 thousand fish.

2014 New Hampshire State Economy (% of national total)[1,3]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	37,396 (0.5%)	563,323 (0.5%)	26.94 (0.5%)	40.69 (0.4%)	70.36 (0.4%)	ds

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)[1]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	4	5	ds	ds	3	7	7	6	6
	Receipts	1,087	927	ds	ds	687	856	1,166	1,239	1,019
Seafood sales, retail	Firms	10	11	17	14	11	11	12	15	15
	Receipts	1,496	1,540	1,894	1,870	1,502	2,152	2,096	1,861	2,419

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

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	10	7	7	8	8	8	8	7	6
	Employees	ds	ds	ds	115	292	231	229	225	ds
	Payroll	ds	ds	ds	3,234	10,971	12,010	12,181	13,751	ds
Seafood sales, wholesale	Establishments	9	8	8	8	8	7	8	9	8
	Employees	ds	92	101	88	80	84	99	113	106
	Payroll	ds	3,360	4,142	4,268	4,171	4,123	5,738	4,562	4,271
Seafood sales, retail	Establishments	15	15	14	14	12	16	9	9	9
	Employees	78	93	83	95	102	88	48	45	ds
	Payroll	2,201	2,077	2,011	2,299	2,296	1,934	870	966	1,699

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	1	1	0	0	0	0	1	0	0
	Employees	ds	ds	NA	NA	NA	NA	ds	NA	NA
	Payroll	ds	ds	NA	NA	NA	NA	ds	NA	NA
Deep sea freight transportation	Establishments	2	1	1	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	35	35	37	37	35	34	31	35	35
	Employees	ds	171	173	146	135	139	131	155	144
	Payroll	ds	7,774	8,114	7,022	6,920	7,090	6,927	8,031	8,043
Marine cargo handling	Establishments	0	1	0	0	0	0	0	0	0
	Employees	NA	ds	NA	NA	NA	NA	NA	NA	NA
	Payroll	NA	ds	NA	NA	NA	NA	NA	NA	NA
Navigational services to shipping	Establishments	4	2	2	2	2	2	3	3	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	2	2	1
	Employees	NA	NA	NA	NA	NA	NA	ds	ds	ds
	Payroll	NA	NA	NA	NA	NA	NA	ds	ds	ds
Ship & boat building	Establishments	6	8	9	8	7	7	7	7	8
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that less commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.

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2015 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	4,831	347,115	116,581	166,677	4,522	289,923	104,827	146,909
Commercial Harvesters	2,016	141,159	42,555	66,406	2,016	141,159	42,555	66,406
Seafood Processors & Dealers	295	34,563	13,393	17,405	284	33,222	12,874	16,729
Importers	151	46,689	7,483	14,233	0	0	0	0
Seafood Wholesalers & Distributors	140	18,834	6,673	8,781	115	15,498	5,491	7,226
Retail	2,228	105,871	46,477	59,852	2,107	100,044	43,908	56,548

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	99,365	72,282	66,085	61,657	62,739	75,929	81,136	86,371	86,344	81,836
Finfish & Other	29,662	24,802	22,732	23,383	22,995	24,891	28,611	29,470	31,824	26,048
Shellfish	69,703	47,480	43,353	38,274	39,744	51,038	52,525	56,901	54,521	55,788
Key Species										
All other flounders	3,503	3,585	2,171	1,455	593	806	1,025	2,124	2,945	1,771
American lobster	17,333	12,151	12,976	11,264	12,404	12,765	12,119	9,732	11,709	12,345
Atlantic herring	2,947	982	631	1,260	1,423	1,343	2,174	4,907	2,303	1,373
Atlantic mackerel	4,138	1,182	882	3,301	1,886	100	2,804	339	309	1,074
Goosefish	4,525	3,540	3,590	3,022	2,973	4,600	3,844	2,725	2,990	2,730
Quahog clam	3,529	4,010	3,273	2,849	3,293	3,920	5,169	5,033	5,099	5,449
Scups or porgies	2,927	2,767	2,324	2,640	2,833	3,312	3,904	3,666	4,118	4,283
Sea scallop	20,822	8,963	2,170	2,342	2,156	6,834	9,191	18,639	10,273	7,885
Squid	22,601	15,339	17,687	15,249	12,590	20,380	12,744	13,208	17,718	20,287
Summer flounder	5,093	4,346	4,485	4,502	5,534	6,408	6,937	6,751	7,298	6,107

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	113,025	75,271	72,027	84,041	77,738	78,747	85,232	89,886	91,684	75,635
Finfish & Other	60,847	40,878	34,478	46,479	42,566	42,162	52,745	63,787	57,440	46,681
Shellfish	52,179	34,393	37,549	37,562	35,172	36,585	32,487	26,099	34,245	28,954
Key Species										
All other flounders	1,850	1,871	1,144	1,027	358	615	664	1,368	2,158	1,057
American lobster	3,752	2,293	2,772	2,840	2,929	2,754	2,706	2,156	2,413	2,316
Atlantic herring	23,150	7,537	4,504	9,528	8,479	8,729	13,839	28,330	16,505	10,431
Atlantic mackerel	10,143	4,242	2,385	9,057	4,356	162	5,497	714	539	1,906
Goosefish	3,864	3,209	3,225	2,841	2,556	3,242	2,873	2,818	2,893	2,529
Quahog clam	385	610	556	511	599	666	903	818	764	683
Scups or porgies	3,643	3,932	2,151	3,619	4,299	6,335	6,309	7,346	6,949	6,797
Sea scallop	3,283	1,357	310	356	267	690	944	1,646	841	661
Squid	39,617	23,718	26,417	26,452	19,799	25,996	11,689	12,609	24,938	20,495
Summer flounder	2,123	1,516	1,473	1,794	2,289	2,824	2,409	2,193	2,056	1,716

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
All other flounders	1.89	1.92	1.90	1.42	1.66	1.31	1.54	1.55	1.36	1.68
American lobster	4.62	5.30	4.68	3.97	4.24	4.64	4.48	4.51	4.85	5.33
Atlantic herring	0.13	0.13	0.14	0.13	0.17	0.15	0.16	0.17	0.14	0.13
Atlantic mackerel	0.41	0.28	0.37	0.36	0.43	0.62	0.51	0.47	0.57	0.56
Goosefish	1.17	1.10	1.11	1.06	1.16	1.42	1.34	0.97	1.03	1.08
Quahog clam	9.16	6.57	5.88	5.58	5.50	5.89	5.72	6.15	6.67	7.98
Scups or porgies	0.80	0.70	1.08	0.73	0.66	0.52	0.62	0.50	0.59	0.63
Sea scallop	6.34	6.61	7.00	6.58	8.07	9.90	9.73	11.32	12.21	11.93
Squid	0.57	0.65	0.67	0.58	0.64	0.78	1.09	1.05	0.71	0.99
Summer flounder	2.40	2.87	3.04	2.51	2.42	2.27	2.88	3.08	3.55	3.56

2015 Economic Impacts of Rhode Island Recreational Fishing Expenditures (thousands of dollars)

		#Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	128	16,345	6,215	9,010
	Private Boat	145	15,823	6,314	10,133
	Shore	36	4,000	1,599	2,579
Total Durable Expenditures		3,045	295,350	127,279	194,921
Total State Economic Impacts		3,354	331,518	141,407	216,643

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures	Equipment	Durable Goods Expenditures
For-Hire	9,741	Fishing Tackle	61,080
Private Boat	18,905	Other Equipment	19,922
Shore	4,802	Boat Expenses	159,426
Total	33,448	Vehicle Expenses	17,189
		Second Home Expenses	556
		Total Durable Expenditures	258,173
Total State Trip and Durable Goods Expenditures			291,621

Recreational Anglers by Residential Area (thousands of anglers)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	177	171	169	111	161	105	99	129	160	123
Non-Coastal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out-of-State	291	229	297	209	225	190	169	255	304	175
Total Anglers	468	401	465	320	387	296	268	383	464	298

Recreational Fishing Effort by Mode (thousands of angler trips)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	53	74	67	56	41	39	40	48	52	52
Private	642	590	716	423	531	536	461	587	491	513
Shore	874	759	673	507	667	539	575	595	556	314
Total Trips	1,568	1,423	1,456	986	1,239	1,114	1,077	1,229	1,099	879

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)[2]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Atlantic bonito	H	0	5	< 1	< 1	< 1	0	< 1	4	2	< 1
	R	0	4	1	0	0	0	0	4	6	2
Atlantic cod	H	4	< 1	2	4	2	4	16	< 1	13	16
	R	2	< 1	< 1	7	12	14	1	< 1	5	12
Black seabass	H	41	44	52	36	160	50	103	75	214	234
	R	161	118	128	134	212	221	766	684	859	752
Bluefish	H	471	295	282	65	103	124	673	323	136	67
	R	554	686	491	160	94	328	427	625	114	258
Porgies (scup)	H	470	353	633	140	398	568	498	820	976	542
	R	801	613	1,386	333	536	662	675	616	579	614
Striped bass	H	76	101	51	71	70	89	62	217	104	40
	R	835	678	416	399	183	214	247	826	163	527
Summer flounder	H	264	176	204	72	118	161	103	128	185	164
	R	1,129	612	848	382	230	724	382	528	417	413
Winter flounder	H	< 1	< 1	< 1	4	2	0	0	0	< 1	< 1
	R	0	3	1	1	< 1	< 1	1	0	< 1	0
Wrasses (tautog)	H	82	125	104	85	197	19	104	136	69	98
	R	198	267	187	187	187	139	214	281	122	292
Yellowfin tuna	H	0	0	0	0	0	0	0	6	< 1	4
	R	0	0	0	0	0	0	0	0	0	6

[1] NA = not applicable because all Rhode Island residents are considered coastal county residents.
[2] In this table, '<1' = 0-999 fish and '1' = 1,000-1,499 thousand fish.

2014 Rhode Island's State Economy (% of national total)[1]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	28,132 (0.4%)	421,578 (0.3%)	19.51 (0.3%)	30.64 (0.3%)	54.49 (0.3%)	3.77

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	8	8	7	9	6	9	10	8	8
	Receipts	1,662	2,291	1,376	1,045	907	1,168	1,441	1,393	1,418
Seafood sales, retail	Firms	24	23	19	16	17	25	20	22	16
	Receipts	3,266	3,536	2,748	2,821	2,769	3,033	2,536	2,501	1,331

Seafood Sales & Processing - Employer Establishments (thousands of dollars)[3]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	7	6	8	7	5	4	3	3	3
	Employees	231	196	270	275	193	178	ds	ds	ds
	Payroll	6,137	6,876	6,354	5,821	6,096	5,544	ds	ds	ds
Seafood sales, wholesale	Establishments	36	35	29	34	32	34	32	31	28
	Employees	188	224	226	202	204	230	278	182	188
	Payroll	10,209	11,447	10,505	9,534	9,815	10,264	13,064	8,412	8,763
Seafood sales, retail	Establishments	28	27	23	24	26	23	24	24	27
	Employees	ds	109	94	127	113	109	111	113	114
	Payroll	ds	2,207	2,027	2,398	2,309	2,232	2,388	2,610	2,608

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	1	1	2	1	1	2	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 freight transportation	Establishments	2	2	2	2	2	2	2	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	1	1	1	1	1	1	2	3
	Employees	NA	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	NA	ds	ds	ds	ds	ds	ds	ds	ds
Marinas	Establishments	63	68	73	70	72	71	67	71	65
	Employees	457	463	476	459	428	460	424	466	449
	Payroll	18,748	22,029	23,204	21,372	22,227	22,618	20,811	24,214	24,876
Marine cargo handling	Establishments	2	2	5	5	5	5	4	4	3
	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	7	7	8	8	8	8	7	7	6
	Employees	ds	ds	ds	ds	ds	107	ds	ds	ds
	Payroll	ds	ds	5,904	3,728	3,955	4,002	3,272	ds	ds
Port & harbor operations	Establishments	2	2	2	1	1	1	5	2	3
	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	37	39	33	29	30	37	33	33
	Employees	1,325	1,374	1,342	1,085	954	916	717	768	939
	Payroll	52,682	55,788	54,225	41,246	40,004	33,316	32,070	34,483	42,200

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
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