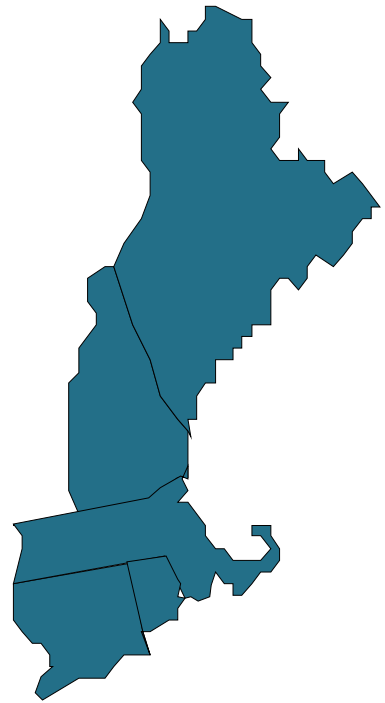


# New England

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



## Management Context

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

### New England Fishery Management Plans

1. Northeast Multispecies
2. Sea Scallops
3. Monkfish (with the MAFMC)
4. Atlantic Herring
5. Small Mesh Multispecies
6. Dogfish (with the MAFMC)
7. Red Crab
8. Northeast Skate Complex
9. Atlantic Salmon

Of the stocks or stock complexes covered in these fishery management plans, 17 are currently listed as overfished: cod (2 stocks), haddock (2 stocks), American plaice, yellowtail flounder (3 stocks), white hake, windowpane flounder, winter flounder, ocean pout, Atlantic halibut, winter skate, thorny skate, smooth skate, and Atlantic salmon. Nine stocks or stock complexes are currently subject to overfishing: cod (2 stocks), yellowtail flounder (3 stocks), white hake, winter flounder (2 stocks), and thorny skate.

Currently, expansion of the existing sector-based management program, a type of catch share program, initiated during 2004 for the Northeast Multispecies Plan is under development in New England.<sup>1</sup> The proposed changes would expand the number of sectors from 2 to 19. The two sectors currently operating include the Georges Bank cod hook gear sector fishery, which was implemented in 2004, and the Georges Bank cod fixed gear sector fishery, established in 2006. The ex-vessel value of these fisheries totaled over \$1.5 million in 2007. In the sea scallop fishery, a new individual fishing quota (IFQ) program for the general category vessel program is anticipated to start in 2010.

## Commercial Fisheries

In 2007, New England commercial fishermen harvested 584 million pounds of finfish and shellfish and generated \$916 million in ex-vessel revenue. Landings revenue was dominated by shellfish such as lobster (\$364 million) and sea scallop (\$236 million). With ex-vessel price in 2007 at \$4.74 and \$6.70, respectively, lobster contributed 40% to total landings revenue while sea scallops contributed 26%. These and other shellfish

<sup>1</sup>The Northeast Multispecies Fishery Management Plan defines a sector as being a group of self selected vessel owners where a catch share is allocated to the group rather than to individual vessels.

species and groups made up 81% of total revenue in New England. Atlantic herring was a significant component of total landings in 2007, making up 27% of the total. However, with an average annual price of \$0.12 per pound in 2007, Atlantic herring contributed only 2.0% to total landings revenue.

Of the five New England states covered in this report, Massachusetts contributed the most to landings revenue and pounds landed with over \$458 million and 314 million pounds landed in 2007. Maine (\$320 million, 176 million pounds), Rhode Island (\$77 million, 76 million pounds), Connecticut (\$42 million, 10 million pounds), and New Hampshire (\$19 million, 8.4 million pounds) followed.

### Key New England Commercial Species

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

## Economic Impacts

Massachusetts led the region in terms of sales, income, and job impacts related to the seafood industry in 2007. In-state sales in Massachusetts generated nearly \$3.9 billion in 2007 with income impacts totaling \$2.1 billion. Over 73,000 full- and part-time jobs were generated from the seafood industry in this state. Sales impacts in Maine also totaled over a billion dollars (\$1.2 billion). Income (\$641 million) and job impacts (25,000 full- and part-time jobs) in Maine ranked second in New England. In terms of employment, Rhode Island (12,000 jobs), New Hampshire (7,100 jobs), and Connecticut (6,500 jobs) followed.

## Landings Revenue

In 2007, ex-vessel revenue from finfish and shellfish harvest totaled \$916 million, a 70% increase (42% in real terms) from landings revenue in 1998 (\$540 million) but a 4% decrease (-9.1% in real terms) from 2006 (\$953 million). Massachusetts fishermen generated most of this revenue. Shellfish revenue accounted for 81% of total revenue in New England, bringing in \$740 million in 2007. This was an 114% increase (79% in real terms) relative to 1998 (\$345 million), but a 3.9% (-9.1% in real terms) decrease relative to 2006 (\$769 million). Finfish revenue decreased 9.6% (-25% in real terms) from \$195 million (1998) to \$176 million (2007). Finfish revenue between 2006 and 2007 mirrored this decreasing trend, decreasing 4.1% (-9.4% in real terms).

Across New England, finfish revenue decreased in each state between 1998 and 2007 in either current and/or real terms. Maine had the largest

decrease with finfish revenue decreasing 34% (-45% in real terms), followed by Connecticut (-29%, -41% in real terms), New Hampshire (-21%, -34% in real terms), Rhode Island (0.9%, -16% in real terms), and Massachusetts (1.3%, -15% in real terms).

In contrast, shellfish revenue increased across the region, with the largest gain in Massachusetts (257% increase, 198% in real terms). New Hampshire (152%, 110% in real terms), Maine (73%, 45% in real terms), Connecticut (31%, 9.2% in real terms), and Rhode Island (9.9%, -8.3% in real terms) followed.

New England key species and species groups with large changes in total revenue over the 10 year time period include: sea scallop (433% increase, 345% in real terms), quahog clam (268%, 207% in real terms), Atlantic mackerel (152%, 111% in real terms), bluefin tuna (-83%, -85% in real terms), and flounders (-27%, -39% in real terms).

At the state level, key species or groups with large changes in landings revenue from 1998-2007 include: snails or conchs (1,980% increase), quahog clam (302%), sea scallop (230%), lobster (-74% decrease), and goosefish (-49% decrease) in Connecticut; bloodworms (123%), Atlantic herring (92%), lobster (90%), and sea urchins (-89%) in Maine; all other clams (1,184%), Atlantic mackerel (557%), sea scallop (504%), and Atlantic herring (110%) in Massachusetts; Atlantic herring (513%), haddock (109%), and shrimp (-60%) in New Hampshire; and scups or porgies (141%), quahog clam (104%), and Atlantic herring (-53%) in Rhode Island.

### Landings

Fishermen in New England landed over 584 million pounds in 2007. This was a 3% decrease from the 602 million pounds landed in 1998, and a 17% decrease from the 701 million landed in 2006. Finfish contributed 63% of total landings in 2007 (371 million pounds), a 13% decrease from 1998. From 2006-2007, finfish landings decreased 20%. Shellfish landings increased 21% from 1998-2007, from 176 million pounds (1998) to 213 million pounds (2007). Shellfish landings decreased 10% between 2006 and 2007.

Finfish landings decreased in four of the five New England states between 1998 and 2007. Connecticut had the largest decrease (-59%) followed by Rhode Island (-52%), New Hampshire (-29%), and Maine (-17%). Massachusetts showed a small increase in finfish landings with a 7.6% increase between 1998 and 2007.

Shellfish landings increased in Massachusetts (89%), Maine (16%), and New Hampshire (12%), but decreased in Rhode Island (-29%) and Connecticut (-22%).

Of New England's key species and species groups, Atlantic herring contributed the most to total landings with 155 million pounds landed in 2007. This was a 13% decrease in landings relative to 1998 totals and a 24% decrease relative to 2006. Despite these declines, Atlantic herring is a significant component of New

England's harvest, contributing 27% of total landings in 2007. Fishermen in Massachusetts and Maine harvest the majority of this species, landing 73 million pounds and 72 million pounds, respectively.

Key species or groups with the largest increases in annual landings totals from 1998-2007 were: Atlantic mackerel (515%), sea scallop (408%), and quahog clam (108%). Total landings of bluefin tuna (-87%), squid (-57%), goosefish (-55%), and flounders (-51%) decreased during this period.

### Commercial Fish Facts

#### Landings revenue

- On average, New England's key species or species groups accounted for 84% of total revenue generated in the region.
- Lobster and sea scallops contributed the most to total revenue, averaging \$315 million and \$145 million, respectively, from 1998-2007. In 2007, fishermen in Maine generated most of the revenue from lobsters that year, while Massachusetts fishermen led the region in sea scallop revenue.
- The largest annual increase in revenue was 764% for Atlantic mackerel, which increased from \$437,000 to \$3.8 million from 2001-2002. The largest annual decrease was a 72% decrease in Atlantic mackerel revenue (2004-2005).

#### Landings

- New England's key species and groups contributed an average of 73% to total landings annually.
- Atlantic herring contributed the most to landings in the region, averaging 182 million pounds from 1998-2007. Commercial fishermen in Massachusetts and Maine harvested the majority of this species in 2007.
- Landings of Atlantic mackerel increased dramatically from 2001-2002, increasing 1,575% largely due to an increase in landings in Rhode Island. The largest annual decrease in landings was for Atlantic mackerel which decreased 91% from 2004-2005.

#### Prices

- Bluefin tuna (\$6.03) had the highest average ex-vessel price per pound from 1998-2007, followed by sea scallop (\$5.58), quahog clam (\$4.34), and lobster (\$3.93).
- Atlantic herring and Atlantic mackerel had the lowest average ex-vessel price per pound at \$0.08 and \$0.21, respectively.
- Atlantic mackerel had the largest annual increase in ex-vessel price, increasing 200% between 2004 and 2005. This was followed by a 61% decline in price between 2005 and 2006.

### Prices

With the exception of Atlantic mackerel, 2007 ex-vessel prices for New England's key species and groups was higher than their 10 year average price per pound. Large double-digit increases in prices were observed for eight of the ten key species and groups between 1998 and 2007. The largest increases were for Atlantic herring (100%),

67% in real terms), gosefish (90%, 58% in real terms), and quahog clam (77%, 48% in real terms).

Atlantic mackerel and sea scallops experienced a decrease in ex-vessel price in current and/or real terms. Atlantic mackerel decreased 59% from \$0.29 to \$0.12 per pound from 1998-2007 (66% in real terms). Sea scallops increased slightly during this period from \$6.40 to \$6.70 per pound (4.7% increase), but in real terms decreased 13%.

Relative to ex-vessel prices in 2006, the New England Region's Atlantic herring (20%), lobster (12%), and bluefin tuna (11%) experienced double-digit increases in 2007. In contrast, Atlantic mackerel (-14%) and cod and haddock (-2%) prices decreased from 2006-2007.

At the state level, key species or groups with large changes in ex-vessel price from 1998-2007 include: snails or conchs (505% increase), Eastern oyster (153%), quahog clam (96%), and scups or porgies (-37% decrease) in Connecticut; gosefish (102%), bloodworms (100%), blue mussel (95%), and pollock (-23%) in Maine; Eastern oyster (5152%), all other clams (439%), Atlantic herring (120%), and Atlantic mackerel (-68%) in Massachusetts; Atlantic herring (78%), Atlantic cod (63%), and shrimp (-54%) in New Hampshire; and Atlantic herring (117%), gosefish (100%), quahog clam (75%), and scups or porgies (-51%) in Rhode Island.

### Recreational Fishing

In 2007, over 1.6 million resident recreational anglers fished in the New England Region. Both resident and non-resident anglers took 9.7 million fishing trips in New England in 2007. Over 87% of these anglers were residents of a regional coastal county. Of the total fishing trips taken, 50% of them were taken from a private or rental boat and another 45% were shore-based. Striped bass were the most caught key species or species group with over 10 million fish caught in 2007, 38% of total fish caught in the region. Almost all of these fish, over 94% of them, were released rather than harvested.

#### Key New England Recreational Species

- Striped bass
- Bluefish
- Atlantic cod
- Summer flounder
- Winter flounder
- Little tunny
- Atlantic mackerel
- Porgies (scup)
- Bluefin tuna
- Wrasses (tautog)

#### Economic Impacts and Expenditures

The contribution of recreational fishing activities in New England are reported in terms of economic impacts at the state level (employment, sales, and value-added impacts) and expenditures on fishing trips and durable equipment at the region level. Employment impacts in Massachusetts were highest in the region with over

6,100 full- and part-time jobs supported by recreational fishing activities in this state. Connecticut (3,800 full- and part-time jobs), Maine (2,000 jobs), Rhode Island (1,300 jobs), and New Hampshire (488 jobs) followed in terms of jobs supported by recreational fishing activities.

Overall, these jobs were related to recreational fishing trips taken by anglers (private or rental boat, for-hire boat, or shore-based trips) or expenditures on durable equipment. Throughout New England, most of the jobs supported in 2007 were related to expenditures on durable equipment: 91% of jobs in Connecticut, 49% of jobs in Rhode Island, 45% of jobs in Massachusetts, 43% of jobs in New Hampshire, and 41% of jobs in Maine. When looking at which fishing mode contributed most to jobs in each state, shore-based fishing trips supported most of the jobs in Rhode Island, Maine, and Massachusetts. Most of the fishing trip-related jobs in Connecticut were related to private or rental boat trips and in New Hampshire, for-hire boat trips supported most trip-related jobs.

In addition to jobs, the contribution of recreational fishing activities to New England's economy can be measured in terms of sales impacts and the contribution of these activities to gross domestic product (value-added impacts). In 2007, sales and value-added impacts were highest in Massachusetts (\$806 million in sales impacts; \$439 million in value-added impacts) and Connecticut (\$584 million; \$336 million). These states were followed by Maine (\$167 million; \$87 million), Rhode Island (\$145 million; \$72 million), and New Hampshire (\$55 million; \$30 million). Most of these sales and value-added impacts were related to expenditures on durable equipment. In terms of which fishing mode contributed the most to sales and value-added impacts at the state level: shore-based fishing trips contributed the most in Massachusetts, Maine, and Rhode Island; private or rental boat trips in Connecticut; and for-hire boat trips in New Hampshire.

Overall, total fishing trip and durable equipment expenditures generated \$1.8 billion across New England in 2007. Approximately 75% of these expenditures were related to durable equipment purchases. Vehicle (\$487 million), fishing tackle (\$379 million), and boat-related expenses (\$334 million) accounted for the majority of durable equipment expenditures. Fishing-trip related expenditures by New England's non-residents totaled over \$245 million and most of this was related to shore-based fishing trips (\$177 million). New Englanders generated \$199 million in trip-related expenditures with most of these expenses related to private or rental boat trips (\$114 million).

### Participation

There were 1.6 million resident recreational anglers who fished in New England in 2007. This was a 65% increase from 1998 (976,000 anglers) and equaled the number of anglers who fished in 2006. These anglers were New England residents from either a coastal (1.4 million anglers) or non-coastal county (205,000 anglers).<sup>2</sup> Over 87% of total anglers in 2007 were residents of a coastal county. Coastal county angler participation in 2007 increased 59% relative to 1998 (887,000 anglers) and remained constant between 2006 and 2007. Non-coastal county angler participation increased 130% relative to 1998 (89,000 anglers) and increased 9.0% relative to 2006 (188,000 anglers). When looking at where most anglers fished in 2007, over 81% of New England's anglers fished in Massachusetts.

In 2007, the majority of recreational fishermen in Massachusetts, Connecticut, and New Hampshire were residents of a coastal county within their respective state. These anglers comprised 83% of total anglers in Connecticut, 56% of total anglers in New Hampshire, and 51% of total anglers in Massachusetts. In contrast, most of Maine and Rhode Island's anglers in 2007 were out-of-state residents: 260,000 anglers or 58% of total anglers in Maine, and 229,000 anglers or 57% of total anglers in Rhode Island. Throughout New England, anglers from a non-coastal county<sup>3</sup> accounted for a minority of total anglers in 2007: 2.9% in Maine, 7.6% in New Hampshire, and 14% in Massachusetts.

### Fishing Trips

Recreational fishermen took 9.7 million fishing trips in New England in 2007. This was a 43% increase from 1998 (6.8 million trips) and equaled the number of trips taken in 2006. In 2007, approximately half of total trips in the region were taken from a private or rental boat (4.9 million trips). Shore-based fishing trips were also popular with 4.4 million trips taken in 2007 or 45% of total trips in New England. This fishing mode was the only one to see a decrease from 2006-2007, decreasing 3.4%. There were 480,000 fishing trips taken from a for-hire boat in 2007.

There were 4.7 million fishing trips taken in Massachusetts in 2007. Trips taken from this state comprised most of the fishing trips taken in New England: 49% of total trips in the region. Private or rental boat trips were the most popular fishing mode in Massachusetts (2.4 million trips) despite a 1% decrease from 2006-2007. Connecticut ranked second in terms of the total number of fishing trips taken in New England

<sup>2</sup>At the state level, out-of-state anglers are estimated. However at the region level, out-of-region anglers are not estimated thus only New England resident anglers are discussed here. In *Fisheries Economics of the U.S., 2006* (FEUS 2006), angler participation totals from 1997-2006 incorrectly included out-of-state anglers at the region level. In this report, the 1998-2007 angler participation totals excludes these anglers therefore the annual region totals reported here are smaller than those reported in FEUS 2006.

<sup>3</sup>All resident anglers in Rhode Island and Connecticut are coastal county anglers.

with 1.7 million trips taken by anglers in 2007. Rhode Island (1.5 million trips), Maine (1.2 million trips), and New Hampshire (538,000 trips) followed. Private or rental boat trips accounted for most of the trips taken in Connecticut and New Hampshire, while shore-based trips were the most popular mode in Rhode Island and Maine.

### Recreational Fishing Facts

#### Participation

- An average of 1.3 million resident anglers fished in New England annually from 1998-2007. Most of these anglers fished in Massachusetts.
- In 2007, coastal county residents made up 87% of total anglers in this region. These anglers averaged 89% of total anglers annually over the 10 year time period.
- Non-coastal county resident anglers had the largest annual decrease in participation, decreasing 16% from 1998-1999. These anglers also had the largest annual increase in participation, increasing 61% from 1999-2000.

#### Fishing trips

- In New England, an average of 8.6 million fishing trips were taken annually from 1998-2007. Most of these trips were taken in Massachusetts.
- Private or rental boat and shore-based fishing trips accounted for 4.9 million and 4.4 million fishing trips, respectively, in 2007. Together, these made up 95% of fishing trips taken in that year.
- From 1999-2000, private or rental boat trips increased 44%, the largest annual increase in fishing trip mode. From 2001-2002, for-hire fishing trips declined 23%, the largest annual decrease.

#### Harvest and release

- Striped bass was the most caught key species or species group, averaging 10 million fish caught over the 10 year time period. Of these, 95% were released rather than harvested.
- Seven of New England's ten key species or groups were released by anglers rather than harvested. Examples include striped bass (95% released), little tunny (92%), and bluefish (69%).
- Atlantic mackerel (90% harvested), winter flounder (61%), and porgies or scup (53%) were key species or groups more often harvested by anglers than released.
- Little tunny had the largest annual increase in catch, increasing 239% from 2003-2004. Bluefin tuna had the largest annual decrease in catch, decreasing 350% from 1999-2000.

### Harvest and Release

Striped bass had the highest catch totals of any key species and species group in New England. In 2007, approximately 10.4 million fish were caught by anglers fishing in the region and 94% of these fish were released rather than harvested. Over 59% of the striped bass caught in the region were caught in Massachusetts. Little tunny were also released in large numbers (94% released rather

than harvested). Overall, most of New England's key species or groups were released rather than harvested. Only Atlantic mackerel (94% harvested), bluefin tuna (61%), and winter flounder (55%) were harvested more often than released.

Many of New England's key species and species groups had dramatic changes in catch totals from 1998-2007. Total catch of bluefin tuna increased 2,200% during this period. Little tunny (356% increase), bluefish (190%), porgies or scup (173%), and wrasses or tautog (171%) all experienced significant increases in their catch totals. Total catch of winter flounder decreased substantially with anglers catching 83% fewer fish in 2007.

Between 2006 and 2007, large changes in catch totals were observed for the following key species or species group: little tunny (105% increase), wrasses or tautog (56%), Atlantic cod (40%), summer flounder (45% decrease), striped bass (-39%), and Atlantic mackerel (-37%).

At the state level, striped bass was the most caught key species or species group in 2007 for Massachusetts (6.2 million fish), Connecticut (1.9 million fish), and New Hampshire (296,000 fish). The majority of these fish were released rather than harvested. Striped bass catch totals in Connecticut were a 10% increase from 2006 totals. However, a decrease in the number of striped bass caught from 2006-2007 was observed in New Hampshire (49% decrease) and Massachusetts (-32%).

Anglers in Maine caught more Atlantic mackerel than any other key species or group with over 1.2 million fish caught in 2007. This was an 156% increase relative to 2006 (482,000 fish). In Rhode Island, scup were caught in the largest numbers in 2007 with 1.2 million fish caught. This was a 9.5% decrease in catch relative to 2006 (1.3 million fish).

### Marine Economy<sup>4</sup>

In 2006, New England's gross domestic product by state was \$688 billion. Employee compensation totaled \$414 billion and annual payroll totaled \$283 billion. Respectively, these totals were a 43%, 19%, and 40% increase from 1998 levels, and a 4.9%, 5.1%, and 5.1% increase from 2005 levels. There were approximately 381,000 establishments and 6.2 million full- and part-time employees across the region in 2006. Both of these economic indicators increased slightly between 1998 and 2006 (4.7% and 6.2%, respectively) and between 2005 and 2006 (0.1% and 2.1%, respectively).

At the state level, Massachusetts had the highest establishment and employee numbers, annual payroll, employee compensation, and gross state product levels in the region. Massachusetts' 175,000 establishments employed over 3.0 million employees in 2006. The gross state product in Massachusetts was \$335 billion,

followed by Connecticut (\$205 billion), New Hampshire (\$56 billion), Maine (\$46 billion), and Rhode Island (\$46 billion).

Among the New England states where data was available,<sup>5</sup> Maine had the highest commercial fishing location quotient (CFLQ) at 12.43 in 2006. This was a 54% increase from 2001 (8.09) and a 7.2% increase from 2005 (11.59). Maine's CFLQ suggests that the level of employment in commercial fishing-related industries in Maine is over 12 times higher than the national level of employment in these industries.<sup>6</sup> The CFLQ in 2006 was 3.91 in Rhode Island (a 36% increase relative to 2001) and 0.52 in Connecticut (a 13% decrease relative to 2001).

### Seafood Sales and Processing

In 2006, there were 113 nonemployer firms engaged in seafood product preparation and packaging across New England. This was a 49% increase relative to 1998 levels. Most of these firms were located in Maine (48%). Regionwide, annual receipts for this industry totaled \$15 million in 2006, a 92% increase (70% in real terms) from 1998-2006.

Employer establishments engaged in this industry totaled 95 in 2006, with 50% of them located in Massachusetts. From 1998-2006, the number of establishments regionwide decreased 1%. Over 3,500 full- and part-time workers were employed by these establishments in 2006 (9% increase relative to 1998) and the annual payroll totaled \$144 million (51% increase).

In 2006, there were 370 seafood wholesale establishments that employed approximately 2,900 workers with an annual payroll totaling \$120 million. Across New England, these seafood wholesale establishments, employee numbers, and annual payroll decreased over the time period, -34%, -41%, and -17%, respectively. Declining trends were also experienced in all five New England states.

When looking at seafood retail firms (156 in 2006) and establishments (248 in 2006), the number of nonemployer firms remained flat from 1998-2006. A 71% increase in firm numbers was observed in Rhode Island but decreases occurred in Maine (-15%), Connecticut (-12%), and New Hampshire (-9%). Annual receipts for these firms, which totaled \$20 million in 2006, also remained flat during this time period.

Employer establishments engaged in seafood retail increased 27% regionwide from 1998-2006. Increases were observed in all states, with the largest increases in New Hampshire (114%) and

<sup>4</sup>Data for 2007 was unavailable for this report therefore 2006 information is reported in this section.

<sup>5</sup>The CFLQ for 2006 was not available for New Hampshire or Massachusetts.

<sup>6</sup>The CFLQ for the U.S. is 1.0. This provides a national baseline from which state CFLQs can be compared.

Maine (96%). Employee numbers increased 53% across New England to 1,145 workers in 2006. Annual payroll increased to \$30 million, an 136% increase from 1998 totals (109% in real terms). Most of these establishments were located in Massachusetts.

harbor operations (300% increase in establishments in Massachusetts, 100% increase in Rhode Island).

#### ***Transport, Support, and Marine Operations***

Marina industries had the highest number of establishments in 2006 with 442 establishments across New England. This was a 2% increase over 1998 levels. Most of these marina operations were located in Massachusetts and Connecticut. Ship and boat building industries employed the most people (8,100 full- and part-time workers) and had the highest annual payroll (\$373 million). Large increases were experienced in this industry, with employee numbers increasing 1,501% and annual payroll totals increasing 2,131% from 1998-2006 (1,871% in real terms). Most of the ship and boat building activity in the region occurred in Maine and Rhode Island.

Other industries with large or modest changes from 1998-2006 were: coastal and Great Lakes freight transportation (71% increase in establishments in Massachusetts, -69% in Connecticut, -50% in Maine); deep sea freight transportation (100% increase in establishments in Rhode Island, 75% in Connecticut, -50% in Maine); deep sea passenger transportation (100% increase in establishments in Massachusetts, -50% in Connecticut and Maine); marina operations (72% increase in annual payroll in Connecticut, 51% in Rhode Island); marine cargo handling (-50% increase in establishments in Maine); navigational services to shipping industries (200% increase in establishments in Connecticut, 100% in New Hampshire, 57% in Massachusetts, -36% in Rhode Island); and port and

**2007 Economic Impacts of the New England Region Seafood Industry (thousands of dollars)**

	Total Landings Revenue	Total Sales Impacts	Total Income Impacts	Total Job Impacts
Connecticut	42,079	335,092	174,907	6,499
Maine	319,522	1,226,135	640,886	24,847
Massachusetts	458,347	3,865,974	2,053,461	73,196
New Hampshire	19,088	343,078	191,639	7,121
Rhode Island	76,882	556,874	299,552	11,755

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	540,259	662,126	688,422	638,028	696,423	690,692	821,140	970,311	953,209	915,919
Finfish & Other	195,084	205,598	218,552	220,052	207,082	200,351	194,962	200,702	183,967	176,361
Shellfish	345,175	456,527	469,870	417,975	489,341	490,341	626,179	769,608	769,242	739,558
Clam, Quahog	9,302	11,179	17,456	17,716	17,193	16,857	16,723	6,710	26,865	34,183
Cod & Haddock	33,245	32,849	37,837	46,416	49,679	44,386	40,093	39,814	31,900	39,291
Flounders	46,325	42,602	48,340	49,845	49,201	47,221	43,762	42,312	37,724	33,651
Goosefish	24,708	36,210	44,160	35,721	29,194	30,031	27,970	34,394	26,591	21,202
Herring, Atlantic	10,775	11,014	9,655	12,634	9,005	15,274	14,957	20,086	21,328	18,691
Lobster	222,607	298,519	298,516	239,681	287,621	277,946	368,647	408,712	386,059	364,282
Mackerel, Atlantic	2,379	1,223	644	437	3,776	4,404	10,414	2,923	13,527	6,001
Scallop, Sea	44,393	78,823	94,604	95,616	109,634	116,454	157,808	250,675	263,665	236,393
Squid	22,581	19,416	14,597	12,915	15,786	17,283	28,016	20,207	19,984	15,825
Tuna, Bluefin	11,700	14,042	17,305	17,043	14,349	8,267	4,297	3,186	1,715	2,049

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	602,010	583,885	576,064	631,043	588,891	660,283	723,587	684,913	701,335	584,193
Finfish & Other	425,568	402,250	382,693	458,053	387,327	468,511	487,933	460,989	463,683	370,810
Shellfish	176,442	181,635	193,371	172,990	201,564	191,772	235,654	223,924	237,652	213,383
Clam, Quahog	2,456	2,425	5,447	4,684	6,116	5,173	6,231	1,088	4,216	5,095
Cod & Haddock	30,682	28,212	33,791	45,931	45,469	38,482	34,159	30,494	19,812	24,933
Flounders	32,974	32,047	43,733	48,435	41,758	39,782	40,980	30,272	19,540	16,100
Goosefish	43,474	43,930	38,803	43,008	41,975	46,751	39,745	34,858	26,144	19,587
Herring, Atlantic	177,850	174,384	155,849	208,232	134,605	209,933	188,348	212,389	204,496	155,370
Lobster	70,842	81,160	83,029	68,560	81,382	70,502	88,678	86,223	90,843	76,928
Mackerel, Atlantic	8,248	5,783	2,468	1,591	26,649	34,839	88,124	8,223	99,751	50,761
Scallop, Sea	6,941	13,667	17,871	24,741	27,394	27,587	30,425	32,026	40,596	35,271
Squid	42,985	25,203	28,870	24,959	27,893	29,405	47,743	26,748	25,333	18,574
Tuna, Bluefin	2,230	2,230	2,243	2,534	2,386	1,787	704	722	274	296

**Average Annual Price for Key Species / Species Groups (price per pound)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Clam, Quahog	3.79	4.61	3.20	3.78	2.81	3.26	2.68	6.17	6.37	6.71
Cod & Haddock	1.08	1.16	1.12	1.01	1.09	1.15	1.17	1.31	1.61	1.58
Flounders	1.40	1.33	1.11	1.03	1.18	1.19	1.07	1.40	1.93	2.09
Goosefish	0.57	0.82	1.14	0.83	0.70	0.64	0.70	0.99	1.02	1.08
Herring, Atlantic	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10	0.12
Lobster	3.14	3.68	3.60	3.50	3.53	3.94	4.16	4.74	4.25	4.74
Mackerel, Atlantic	0.29	0.21	0.26	0.28	0.14	0.13	0.12	0.36	0.14	0.12
Scallop, Sea	6.40	5.77	5.29	3.86	4.00	4.22	5.19	7.83	6.49	6.70
Squid	0.53	0.77	0.51	0.52	0.57	0.59	0.59	0.76	0.79	0.85
Tuna, Bluefin	5.25	6.30	7.71	6.73	6.01	4.63	6.10	4.41	6.26	6.92



2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

	Trips	Jobs	Total Sales	Value Added
Connecticut	1,683,284	3,848	584,424	336,199
Maine	1,222,302	1,972	166,799	87,024
Massachusetts	4,710,047	6,124	805,956	438,796
New Hampshire	537,684	488	54,657	29,921
Rhode Island	1,545,235	1,286	145,467	71,698

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	29,193	113,804	Fishing Tackle	379,141
Shore	177,012	64,067	Other Equipment	98,224
For-Hire	38,813	20,742	Boat Expenses	334,497
Total Trip Expenditures	245,018	198,613	Vehicle Expenses	487,269
			Second Home Expenses	13,660
			Total Durable Equipment Expenditures	1,312,791
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>1,756,422</b>

Recreational Anglers by Residential Area (thousands of anglers)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	887	756	1,042	969	1,069	1,198	1,155	1,349	1,408	1,408
Non-Coastal	89	75	121	108	124	152	165	169	188	205
Out-of-State	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>
<b>Total Anglers</b>	<b>976</b>	<b>831</b>	<b>1,163</b>	<b>1,077</b>	<b>1,194</b>	<b>1,349</b>	<b>1,319</b>	<b>1,518</b>	<b>1,596</b>	<b>1,614</b>

Recreational Fishing Effort by Mode (thousands of trips)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	252	223	309	303	235	319	300	418	458	480
Private or Rental	3,322	3,286	4,736	4,857	4,513	4,426	4,450	5,017	4,681	4,863
Shore	3,222	2,968	3,720	3,874	3,844	3,833	3,910	3,819	4,510	4,355
<b>Total Trips</b>	<b>6,796</b>	<b>6,478</b>	<b>8,765</b>	<b>9,035</b>	<b>8,592</b>	<b>8,578</b>	<b>8,660</b>	<b>9,254</b>	<b>9,650</b>	<b>9,699</b>

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>2</sup>

Species/Groups	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Bass, Striped	H	361	265	396	498	523	701	608	691	585	638
	R	9,759	6,436	10,002	7,931	8,577	6,760	8,586	10,831	16,327	9,739
Bluefish	H	637	734	669	974	865	1,167	1,279	1,234	1,541	1,359
	R	914	1,575	1,695	2,591	2,008	2,531	3,238	3,007	3,016	3,141
Cod, Atlantic	H	455	375	749	1,104	644	706	608	653	264	313
	R	672	583	1,193	1,378	1,143	1,175	945	1,525	802	1,184
Flounder, Summer	H	1,040	822	1,558	573	439	549	786	604	592	417
	R	749	1,162	1,809	1,008	1,559	1,071	1,048	1,491	2,503	1,290
Flounder, Winter	H	400	212	143	169	107	83	54	50	61	54
	R	171	110	136	155	74	41	32	43	65	44
Little Tunny <sup>3</sup>	H	2	12	2	3	7	3	13	(1)	2	5
	R	16	48	108	38	54	33	109	52	38	77
Mackerel, Atlantic	H	1,705	2,797	4,067	3,851	3,543	2,399	1,588	3,062	4,849	3,079
	R	335	372	654	772	363	212	162	78	328	188
Porgies (Scup)	H	747	2,122	3,935	3,031	2,460	4,181	2,983	1,567	1,261	1,871
	R	873	1,073	2,549	2,837	2,382	2,829	1,759	1,902	2,548	2,543
Tuna, Bluefin	H	(1)	(1)	6	1	1	5	2	12	4	14
	R	2	(1)	(1)	(1)	(1)	4	15	12	13	9
Wrasses (Tautog)	H	148	159	137	172	265	335	294	228	321	452
	R	381	374	233	338	638	669	545	504	595	981

<sup>1</sup>Out-of-state resident information is collected for individual states but whether an angler is a resident of a region is not specified; NA = data is not available.

<sup>2</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

<sup>3</sup>This species may not be equivalent to species with similar names listed in the commercial tables.

**2007 Economic Impacts of the Connecticut Seafood Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Job Impacts
<b>Total Impacts</b>	335,092	174,907	6,499
Commercial Harvesters	80,810	35,428	1,419
Seafood Processors & Dealers	20,141	6,417	138
Seafood Wholesalers & Distributors	58,528	28,777	515
Retail Sector	175,613	104,286	4,426

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total Revenue</b>	34,359	38,090	31,227	31,176	27,779	29,825	33,399	37,570	36,892	42,079
Finfish & Other	4,805	5,785	6,428	5,712	4,283	4,136	4,575	5,097	3,731	3,419
Shellfish	29,554	32,305	24,799	25,464	23,496	25,690	28,825	32,474	33,161	38,659
Clam, Quahog	5,106	6,500	9,415	9,930	9,202	10,470	10,690	ND <sup>1</sup>	18,135	20,531
Flounders	672	1,114	1,325	1,188	909	896	1,075	1,170	1,026	880
Goosefish	1,002	790	1,556	1,201	790	683	580	658	346	508
Hake	1,521	3,203	2,864	2,341	1,307	1,602	2,028	2,432	1,628	1,226
Lobster	12,129	9,603	5,501	5,450	4,226	3,170	3,166	3,821	4,031	3,220
Oyster, Eastern	8,978	11,050	4,839	3,245	2,012	2,274	1,356	ND <sup>1</sup>	2,206	5,142
Scallop, Sea	2,615	4,223	4,034	5,727	6,400	8,125	11,203	9,761	7,229	8,635
Scups or Porgies	189	177	175	171	195	167	191	263	302	311
Snails (Conchs)	15	73	45	95	199	119	209	233	533	312
Squid, Loligo	614	763	ND <sup>1</sup>	687	1,178	1,400	1,298	1,224	954	744

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total Landings</b>	17,625	18,430	19,563	18,748	16,177	16,420	18,196	13,638	11,750	10,263
Finfish & Other	9,488	10,889	11,175	10,609	7,799	7,825	6,832	6,548	5,807	3,927
Shellfish	8,137	7,541	8,388	8,139	8,378	8,595	11,363	7,090	5,943	6,335
Clam, Quahog	1,543	1,560	4,021	3,382	3,435	4,038	5,137	ND <sup>1</sup>	2,665	3,160
Flounders	318	758	1,041	1,011	633	565	637	582	456	345
Goosefish	1,703	968	1,544	1,360	1,029	1,023	897	524	496	457
Hake	4,157	6,855	6,598	5,644	2,904	2,875	2,936	3,735	2,632	1,831
Lobster	3,715	2,596	1,394	1,330	1,067	671	647	714	793	568
Oyster, Eastern	1,383	1,309	624	434	247	279	186	ND <sup>1</sup>	77	313
Scallop, Sea	412	771	800	1,538	1,579	1,908	2,172	1,272	1,104	1,318
Scups or Porgies	98	96	142	220	314	292	256	328	298	256
Snails (Conchs)	35	116	70	36	128	70	31	50	101	117
Squid, Loligo	973	1,120	ND <sup>1</sup>	1,026	1,778	1,572	1,699	1,537	1,157	811

**Average Annual Price for Key Species / Species Groups (price per pound)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Clam, Quahog	3.31	4.17	2.34	2.94	2.68	2.59	2.08	ND <sup>1</sup>	6.80	6.50
Flounders	2.11	1.47	1.27	1.17	1.44	1.59	1.69	2.01	2.25	2.55
Goosefish	0.59	0.82	1.01	0.88	0.77	0.67	0.65	1.26	0.70	1.11
Hake	0.37	0.47	0.43	0.41	0.45	0.56	0.69	0.65	0.62	0.67
Lobster	3.26	3.70	3.95	4.10	3.96	4.72	4.89	5.35	5.08	5.67
Oyster, Eastern	6.49	8.44	7.76	7.48	8.16	8.14	7.30	ND <sup>1</sup>	28.61	16.43
Scallop, Sea	6.35	5.47	5.04	3.72	4.05	4.26	5.16	7.67	6.55	6.55
Scups or Porgies	1.93	1.84	1.23	0.77	0.62	0.57	0.75	0.80	1.01	1.22
Snails (Conchs)	0.44	0.63	0.64	2.65	1.55	1.69	6.69	4.66	5.28	2.66
Squid, Loligo	0.63	0.68	ND <sup>1</sup>	0.67	0.66	0.89	0.76	0.80	0.82	0.92

<sup>1</sup>ND = data is confidential thus not disclosable.

**2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	231	29,410	18,474
Shore	78	8,687	5,377
For-Hire	51	5,366	3,316
Total Durable Equipment Impacts	3,487	540,961	309,032
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>3,848</b>	<b>584,424</b>	<b>336,199</b>

**2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	2,432	27,614	Fishing Tackle	130,839
Shore	1,526	7,379	Other Equipment	23,558
For-Hire	720	2,880	Boat Expenses	159,252
Total Trip Expenditures	4,678	37,873	Vehicle Expenses	228,475
			Second Home Expenses	0
			Total Durable Equipment Expenditures	542,123
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>584,674</b>

**Recreational Anglers by Residential Area (thousands of anglers)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	290	243	222	246	283	361	297	323	336	302
Non-Coastal	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>
Out-of-State	73	55	53	78	87	112	63	77	44	61
<b>Total Anglers</b>	<b>363</b>	<b>297</b>	<b>275</b>	<b>324</b>	<b>371</b>	<b>473</b>	<b>359</b>	<b>400</b>	<b>380</b>	<b>363</b>

**Recreational Fishing Effort by Mode (thousands of trips)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	30	22	46	46	51	64	39	38	45	50
Private or Rental	737	774	854	981	953	875	924	1073	863	1089
Shore	524	523	609	695	645	625	574	483	569	544
<b>Total Trips</b>	<b>1,292</b>	<b>1,319</b>	<b>1,508</b>	<b>1,723</b>	<b>1,650</b>	<b>1,564</b>	<b>1,537</b>	<b>1,594</b>	<b>1,477</b>	<b>1,683</b>

**Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>2</sup>**

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bass, Striped	H	64	56	53	54	51	96	75	115	83	110
	R	1,026	704	926	1,108	697	843	1,079	1,714	1,682	1,832
Bluefish	H	201	196	166	229	269	437	529	293	476	375
	R	200	368	598	697	523	541	903	545	786	847
Cod, Atlantic	H	2	1	(1)	(1)	(1)	2	(1)	(1)	(1)	(1)
	R	3	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Flounder, Summer	H	261	215	372	153	93	166	217	213	107	109
	R	268	502	443	406	452	475	363	839	902	325
Flounder, Winter	H	235	67	10	15	16	24	4	4	8	4
	R	85	25	11	32	9	6	9	1	24	14
Little Tunny <sup>3</sup>	H	(1)	1	(1)	1	(1)	1	2	(1)	(1)	(1)
	R	5	3	71	27	28	8	9	(1)	(1)	5
Perch, White	H	25	14	17	(1)	1	11	1	(1)	(1)	(1)
	R	23	14	140	7	27	28	30	3	3	88
Porgies (Scup)	H	190	374	1,318	1,016	882	1,529	564	724	519	690
	R	167	273	925	931	570	804	387	719	733	871
Shad, Hickory	H	50	40	(1)	16	71	71	28	52	80	57
	R	207	81	48	88	377	79	103	35	110	8
Wrasses (Tautog)	H	67	16	11	17	100	168	98	75	176	211
	R	208	68	29	59	219	283	329	144	141	445

<sup>1</sup>All Connecticut residents are considered coastal county residents thus this category is not applicable (NA).

<sup>2</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

<sup>3</sup>This species may not be equivalent to species with similar names listed in the commercial tables.

Connecticut's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Location Quotient <sup>1</sup>
1998	92,362 (1.3%)	1,493,964 (1.4%)	58,226 (1.8%)	96,391 (1.6%) <sup>2</sup>	145,373 (1.7%)	0.6
2006	93,421 (1.2%)	1,585,843 (1.3%)	78,835 (1.6%)	116,070 (1.6%)	204,964 (1.6%)	0.52
% change	1.1%	6.2%	35.4%	20.4%	41.0%	-13.3%

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	NA <sup>3</sup>	NA	4	NA	NA	7	7	7	11
	Receipts	ND <sup>4</sup>	ND	441	ND	ND	1,022	1,404	551	3,206
Seafood sales, retail	Firms	17	17	19	20	26	26	25	24	15
	Receipts	2,729	2,250	1,780	2,378	3,225	2,966	3,115	3,313	2,915

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	4	3	3	2	2	2	3	3	4
	Employees	ND	ND	ND	ND	ND	ND	ND	113	119
	Payroll	ND	ND	ND	ND	ND	ND	ND	3,656	4,242
Seafood sales, wholesale	Establishments	28	29	26	25	28	19	19	17	19
	Employees	194	187	ND	ND	ND	169	181	ND	ND
	Payroll	8,109	8,725	ND	ND	ND	7,738	7,688	ND	ND
Seafood sales, retail	Establishments	32	36	31	34	36	34	38	39	35
	Employees	89	ND	112	131	165	206	202	187	196
	Payroll	2,243	ND	2,760	3,403	3,859	5,110	5,060	5,028	4,937

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	13	11	10	8	5	6	5	5	4
	Employees	462	ND	396	506	ND	ND	ND	ND	ND
	Payroll	30,673	ND	22,291	31,940	ND	ND	ND	ND	ND
Deep sea freight transportation	Establishments	8	10	13	12	11	12	13	11	14
	Employees	283	ND	ND	ND	238	270	260	310	235
	Payroll	22,681	ND	ND	ND	18,271	29,086	37,013	36,766	47,845
Deep sea passenger transportation	Establishments	2	1	1	2	2	2	2	2	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Marinas	Establishments	115	107	101	101	108	116	117	117	119
	Employees	800	720	676	ND	722	1,006	1,016	994	1,024
	Payroll	26,045	24,243	24,375	ND	29,690	39,691	41,952	42,754	44,829
Marine cargo handling	Establishments	3	4	1	2	1	NA	1	3	3
	Employees	ND	ND	ND	ND	ND	NA	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	NA	ND	ND	ND
Navigational services to shipping	Establishments	3	6	5	4	8	6	6	8	9
	Employees	ND	ND	ND	ND	ND	ND	ND	45	69
	Payroll	ND	ND	ND	ND	ND	ND	ND	1,768	2,423
Port & harbor operations	Establishments	4	4	3	3	5	4	4	4	4
	Employees	ND	ND	ND	ND	185	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	5,527	ND	ND	ND	ND
Ship & boat building	Establishments	20	18	18	14	12	14	17	17	17
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>2</sup>Employee Compensation data for 1998 were not available. Data from 2001 are reported here.

<sup>3</sup>NA = Data are not available.

<sup>4</sup>ND = Data are suppressed due to confidentiality restrictions.

**2007 Economic Impacts of the Maine Seafood Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Job Impacts
<b>Total Impacts</b>	1,226,135	640,886	24,847
Commercial Harvesters	236,601	89,414	2,934
Seafood Processors and Dealers	103,741	34,942	1,036
Seafood Wholesalers and Distributors	148,243	76,337	1,515
Retail Sectors	737,550	440,194	19,362

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total Revenue</b>	217,011	265,213	269,082	241,383	290,315	287,049	367,093	391,903	361,849	319,522
Finfish & Other	52,102	56,789	56,732	56,662	47,489	49,292	48,954	47,090	37,104	34,213
Shellfish	164,909	208,425	212,350	184,721	242,826	237,757	318,139	344,813	324,745	285,310
Bloodworms	2,702	2,888	1,592	4,851	5,759	5,292	7,524	6,039	5,037	6,011
Clam, Ocean Quahog	1,821	2,611	3,310	3,499	4,748	4,480	3,842	3,607	3,919	3,194
Clam, Softshell	10,082	10,465	9,546	16,609	14,370	15,859	16,628	14,081	13,165	11,729
Cod & Haddock	4,820	3,976	5,330	6,469	5,944	4,673	5,401	5,168	3,994	3,726
Goosefish	3,133	5,207	8,876	7,991	6,248	7,852	6,840	6,219	3,238	2,401
Herring, Atlantic	4,746	7,710	6,400	7,165	4,618	7,296	7,943	9,341	10,602	9,126
Lobster	137,189	184,614	187,715	153,982	210,950	205,715	289,079	317,948	297,165	260,328
Mussel, Blue	1,061	688	1,037	2,650	4,117	4,487	3,319	2,625	2,619	1,810
Pollock	3,098	3,111	3,258	2,448	2,386	2,206	2,347	3,105	2,309	2,159
Sea Urchins	17,072	20,300	17,739	12,694	7,657	8,569	7,866	5,142	3,693	1,919

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total Landings</b>	184,085	229,604	228,213	236,240	202,483	223,533	228,388	214,424	217,712	176,005
Finfish & Other	114,011	155,592	144,484	167,022	113,132	141,621	130,407	121,239	121,340	94,568
Shellfish	70,074	74,012	83,729	69,218	89,351	81,912	97,981	93,185	96,372	81,437
Bloodworms	493	515	327	644	683	594	615	456	450	548
Clam, Ocean Quahog	728	948	1,208	1,083	1,287	1,194	1,013	1,001	1,214	1,011
Clam, Softshell	2,354	2,282	2,284	2,660	2,423	2,364	2,380	1,857	1,867	1,835
Cod & Haddock	4,198	3,163	4,295	5,741	5,172	3,860	4,594	4,039	2,448	2,349
Goosefish	6,237	7,629	8,601	10,983	11,127	13,291	10,567	7,115	3,666	2,378
Herring, Atlantic	68,255	111,416	100,097	115,825	67,169	96,681	89,687	87,451	96,214	72,356
Lobster	47,037	53,494	57,215	48,618	63,626	54,971	71,574	68,730	72,667	58,516
Mussel, Blue	2,795	1,809	2,838	2,749	4,793	4,287	4,102	3,357	2,898	2,440
Pollock	4,673	3,568	3,955	3,447	2,958	4,085	4,190	5,259	3,678	4,251
Sea Urchins	15,054	15,435	12,898	9,901	6,321	5,963	5,742	3,517	2,800	1,147

**Average Annual Price for Key Species / Species Groups (price per pound)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bloodworms	5.49	5.61	4.87	7.53	8.43	8.91	12.24	13.24	11.20	10.97
Clam, Ocean Quahog	2.50	2.75	2.74	3.23	3.69	3.75	3.79	3.60	3.23	3.16
Clam, Softshell	4.28	4.59	4.18	6.25	5.93	6.71	6.99	7.58	7.05	6.39
Cod & Haddock	1.15	1.26	1.24	1.13	1.15	1.21	1.18	1.28	1.63	1.59
Goosefish	0.50	0.68	1.03	0.73	0.56	0.59	0.65	0.87	0.88	1.01
Herring, Atlantic	0.07	0.07	0.06	0.06	0.07	0.08	0.09	0.11	0.11	0.13
Lobster	2.92	3.45	3.28	3.17	3.32	3.74	4.04	4.63	4.09	4.45
Mussel, Blue	0.38	0.38	0.37	0.96	0.86	1.05	0.81	0.78	0.90	0.74
Pollock	0.66	0.87	0.82	0.71	0.81	0.54	0.56	0.59	0.63	0.51
Sea Urchins	1.13	1.32	1.38	1.28	1.21	1.44	1.37	1.46	1.32	1.67

2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	119	10,048	5,932
Shore	934	66,765	36,800
For-Hire	118	8,656	4,891
Total Durable Equipment Impacts	802	81,330	39,401
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>1,972</b>	<b>166,799</b>	<b>87,024</b>

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	2,212	7,819	Fishing Tackle	29,122
Shore	44,575	4,382	Other Equipment	13,216
For-Hire	5,706	491	Boat Expenses	51,706
Total Trip Expenditures	52,493	12,692	Vehicle Expenses	21,010
			Second Home Expenses	731
			Total Durable Equipment Expenditures	115,786
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>180,971</b>

Recreational Anglers by Residential Area (thousands of anglers)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	103	112	139	126	127	165	113	190	182	174
Non-Coastal	16	10	20	16	17	23	21	20	22	13
Out-of-State	115	95	150	166	172	170	148	173	285	260
<b>Total Anglers</b>	<b>234</b>	<b>216</b>	<b>310</b>	<b>308</b>	<b>316</b>	<b>358</b>	<b>282</b>	<b>383</b>	<b>489</b>	<b>447</b>

Recreational Fishing Effort by Mode (thousands of trips)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	3	9	17	20	13	14	38	38	31	33
Private or Rental	259	270	482	444	422	410	315	552	517	486
Shore	415	350	396	469	471	495	406	499	649	703
<b>Total Trips</b>	<b>676</b>	<b>629</b>	<b>895</b>	<b>932</b>	<b>906</b>	<b>919</b>	<b>758</b>	<b>1,089</b>	<b>1,197</b>	<b>1,222</b>

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>1</sup>

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bass, Striped	H	38	21	62	60	72	58	37	69	73	71
	R	691	650	943	871	1,392	847	748	3,024	4,063	1,105
Bluefish	H	2	8	(1)	15	24	14	17	19	6	37
	R	(1)	20	4	40	42	23	38	51	42	72
Cod, Atlantic	H	2	13	41	92	15	11	42	26	12	22
	R	7	30	50	73	16	25	43	43	41	79
Flounder, Winter	H	1	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	1	(1)	3	(1)	1	(1)	(1)	1	(1)
Haddock	H	(1)	1	11	12	3	1	12	7	8	13
	R	(1)	1	16	17	4	4	3	3	4	13
Mackerel, Atlantic	H	571	881	1,406	1,175	1,207	616	778	761	387	1,139
	R	157	165	304	319	234	106	79	32	95	95
Pollock	H	45	16	74	58	76	10	57	45	78	43
	R	20	33	103	130	48	17	39	53	27	19
Shad, American	H	(1)	1	1	(1)	(1)	(1)	(1)	1	4	(1)
	R	(1)	(1)	1	2	(1)	1	2	(1)	20	3
Shark, Blue	H	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	3	(1)	(1)	(1)	(1)	1	(1)	(1)	(1)
Tuna, Bluefin	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

<sup>1</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

Maine's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Location Quotient <sup>1</sup>
1998	38,334 (0.6%)	456,715 (0.4%)	11,559 (0.4%)	22,035 (0.4%) <sup>2</sup>	31,731 (0.4%)	8.09
2006	42,038 (0.6%)	508,163 (0.4%)	16,665 (0.4%)	26,721 (0.4%)	46,340 (0.4%)	12.43
% change	9.7%	11.3%	44.2%	21.3%	46.0%	53.6%

Seafood Sales and Processing – Nonemployer Firms (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	57	54	51	55	50	62	57	52	54
	Receipts	5,495	4,154	3,657	6,301	3,023	4,699	5,642	5,082	6,463
Seafood Sales, retail	Firms	53	56	60	51	62	60	55	51	45
	Receipts	5,782	6,602	9,505	8,486	8,980	8,365	8,621	7,331	7,115

Seafood Sales and Processing – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	35	43	40	36	33	35	28	27	27
	Employees	1,084	1,024	992	1,007	639	656	576	614	616
	Payroll	12,153	12,676	12,110	13,125	11,301	13,999	19,767	12,349	12,304
Seafood sales, wholesale	Establishments	210	201	194	182	190	181	177	177	167
	Employees	1,840	1,722	1,631	1,235	1,256	985	1,048	1,152	996
	Payroll	33,912	34,045	36,325	32,599	36,043	29,643	30,108	30,513	32,192
Seafood sales, retail	Establishments	28	32	34	41	47	51	50	49	55
	Employees	138	146	ND	ND	173	181	189	184	179
	Payroll	2,119	2,512	ND	ND	3,971	4,663	5,112	4,678	4,753

Transport, Support, and Marine Operations – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	6	7	6	6	4	5	4	3	3
	Employees	ND <sup>3</sup>	ND	ND	ND	30	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	939	ND	ND	ND	ND
Deep sea freight transportation	Establishments	2	3	3	4	3	2	2	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Deep sea passenger transportation	Establishments	2	1	2	2	4	1	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Marinas	Establishments	88	91	91	89	85	79	84	84	84
	Employees	467	508	592	600	503	416	406	411	417
	Payroll	13,208	14,712	16,454	18,121	16,055	12,853	13,369	14,215	15,353
Marine cargo handling	Establishments	6	5	4	4	4	4	4	3	3
	Employees	ND	ND	ND	ND	91	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	3,183	ND	ND	ND	ND
Navigational services to shipping	Establishments	17	16	14	16	18	17	16	16	12
	Employees	60	55	49	45	88	106	91	88	93
	Payroll	2,934	3,015	3,175	3,371	4,341	5,521	4,927	5,890	6,260
Port & harbor operations	Establishments	1	1	1	1	NA	1	1	1	1
	Employees	ND	ND	ND	ND	NA	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	NA	ND	ND	ND	ND
Ship & boat building	Establishments	76	75	72	79	87	91	86	92	89
	Employees	ND	ND	ND	8,242	ND	7,630	7,753	ND	6,808
	Payroll	ND	ND	ND	300,378	ND	332,332	328,179	ND	320,288

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

<sup>2</sup>Employee Compensation data for 1998 were not available. Data from 2001 are reported here.

<sup>3</sup>ND = Data are suppressed due to confidentiality restrictions.

2007 Economic Impacts of the Massachusetts Seafood Industry (*thousands of dollars*)

	Sales Impacts	Income Impacts	Job Impacts
<b>Total Impacts</b>	3,865,974	2,053,461	73,196
Commercial Harvesters	375,552	155,130	3,267
Seafood Processors and Dealers	443,173	173,662	3,711
Seafood Wholesalers and Distributors	574,303	279,907	5,000
Retail Sectors	2,472,945	1,444,762	61,216

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	205,712	260,250	290,950	278,946	296,922	292,602	325,982	427,340	437,047	458,347
Finfish & Other	108,129	110,159	120,595	122,944	122,845	116,767	109,158	117,000	110,169	109,567
Shellfish	97,582	150,091	170,356	156,002	174,077	175,835	216,824	310,340	326,879	348,780
Clam, Ocean Quahog	8,048	6,905	5,235	ND <sup>1</sup>	ND <sup>1</sup>	7,325	6,919	ND <sup>1</sup>	8,297	10,100
Clams, All Other	1,191	653	581	5,927	8,169	823	4,721	19,027	14,071	15,290
Cod & Haddock	26,215	27,372	29,573	36,905	40,550	36,668	31,447	31,954	25,452	32,009
Flounders	31,034	27,425	30,521	33,086	33,092	32,995	29,898	28,815	24,593	22,028
Goosefish	15,807	21,847	24,121	18,263	15,546	15,585	15,676	21,485	17,712	14,369
Herring, Atlantic	3,922	1	604	2,769	2,285	5,461	4,570	8,280	7,828	8,234
Lobster	48,576	66,770	70,116	53,430	56,569	52,329	51,581	49,556	52,557	88,587
Mackerel, Atlantic	721	331	184	141	713	1,888	6,542	3,907	10,202	4,736
Oyster, Eastern	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	24	2,738	4,620	4,547
Scallop, Sea	36,037	70,226	85,294	87,357	100,551	106,938	144,728	226,948	234,797	217,589

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	256,645	198,677	189,031	240,759	243,501	295,439	338,215	338,006	348,651	313,895
Finfish & Other	210,215	143,932	130,095	182,473	175,490	231,978	267,338	267,302	268,293	226,263
Shellfish	46,431	54,745	58,937	58,286	68,011	63,461	70,877	70,704	80,357	87,632
Clam, Ocean Quahog	19,189	16,530	12,397	ND <sup>1</sup>	ND <sup>1</sup>	14,226	14,085	ND <sup>1</sup>	16,798	20,158
Clams, All Other	1,675	880	734	10,836	17,057	1,045	6,315	19,830	4,515	3,996
Cod & Haddock	24,262	23,616	26,685	37,162	37,521	32,013	26,922	24,539	15,862	20,369
Flounders	22,904	21,384	29,041	33,989	28,987	29,418	30,704	22,115	13,182	10,987
Goosefish	27,564	26,422	20,888	22,120	22,794	23,979	22,357	21,849	17,496	13,314
Herring, Atlantic	74,672	3	9,615	48,960	40,508	79,873	68,424	99,449	82,821	73,021
Lobster	13,277	15,534	15,803	12,133	12,853	11,385	11,295	9,879	10,967	15,542
Mackerel, Atlantic	2,329	1,302	479	387	5,549	23,451	72,687	52,246	89,535	46,240
Oyster, Eastern	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	9	105	213	129
Scallop, Sea	5,751	12,254	16,175	22,640	25,290	25,371	27,940	29,045	36,108	32,439

Average Annual Price for Key Species / Species Groups (*price per pound*)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Clam, Ocean Quahog	0.42	0.42	0.42	ND <sup>1</sup>	ND <sup>1</sup>	0.51	0.49	ND <sup>1</sup>	0.49	0.50
Clams, All Other	0.71	0.74	0.79	0.55	0.48	0.79	0.75	0.96	3.12	3.83
Cod & Haddock	1.08	1.16	1.11	0.99	1.08	1.15	1.17	1.30	1.60	1.57
Flounders	1.35	1.28	1.05	0.97	1.14	1.12	0.97	1.30	1.87	2.01
Goosefish	0.57	0.83	1.15	0.83	0.68	0.65	0.70	0.98	1.01	1.08
Herring, Atlantic	0.05	0.20	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.11
Lobster	3.66	4.30	4.44	4.40	4.40	4.60	4.57	5.02	4.79	5.70
Mackerel, Atlantic	0.31	0.25	0.38	0.36	0.13	0.08	0.09	0.07	0.11	0.10
Oyster, Eastern	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	2.74	26.09	21.74	35.19
Scallop, Sea	6.27	5.73	5.27	3.86	3.98	4.21	5.18	7.81	6.50	6.71

<sup>1</sup>ND = data is confidential thus not disclosable.<sup>2</sup>NA = data is not available.



2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	706	82,564	50,621
Shore	2,125	219,105	129,729
For-Hire	556	53,477	31,905
Total Durable Equipment Impacts	2,738	450,810	226,541
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>6,124</b>	<b>805,956</b>	<b>438,796</b>

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	13,424	60,403	Fishing Tackle	154,846
Shore	110,349	42,254	Other Equipment	41,839
For-Hire	22,948	12,461	Boat Expenses	97,473
Total Trip Expenditures	146,721	115,118	Vehicle Expenses	205,281
			Second Home Expenses	11,355
			Total Durable Equipment Expenditures	510,794
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>772,633</b>

Recreational Anglers by Residential Area (thousands of anglers)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	342	240	493	392	465	434	535	585	623	664
Non-Coastal	65	57	90	79	96	112	131	135	151	179
Out-of-State	228	174	265	279	344	306	335	391	484	465
<b>Total Anglers</b>	<b>635</b>	<b>471</b>	<b>848</b>	<b>750</b>	<b>906</b>	<b>852</b>	<b>1,000</b>	<b>1,112</b>	<b>1,258</b>	<b>1,309</b>

Recreational Fishing Effort by Mode (thousands of trips)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	142	146	172	134	106	145	133	246	242	242
Private or Rental	1,765	1,552	2,518	2,569	2,399	2,329	2,456	2,383	2,438	2,419
Shore	1,544	1,285	1,931	1,821	1,701	1,611	1,913	1,809	2,044	2,049
<b>Total Trips</b>	<b>3,451</b>	<b>2,983</b>	<b>4,622</b>	<b>4,524</b>	<b>4,206</b>	<b>4,085</b>	<b>4,502</b>	<b>4,439</b>	<b>4,724</b>	<b>4,710</b>

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>1</sup>

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Atlantic Bonito	H	(1)	1	4	13	6	11	4	15	5	4
	R	1	1	8	8	17	(1)	3	12	18	12
Bass, Striped	H	208	127	181	288	309	407	400	368	340	347
	R	7,184	4,576	7,382	5,411	5,719	4,362	5,892	4,840	8,657	5,772
Bluefish	H	237	197	221	357	229	374	406	589	686	587
	R	510	397	596	948	628	1,019	1,468	1,812	1,507	1,344
Cod, Atlantic	H	370	284	599	842	585	583	519	558	188	239
	R	558	471	975	1,119	1,049	937	843	1,337	534	883
Flounder, Summer	H	383	175	379	152	155	177	281	203	219	76
	R	234	219	445	210	336	244	388	308	556	99
Flounder, Winter	H	97	60	74	61	53	45	40	42	43	37
	R	57	46	100	97	34	30	17	39	35	17
Haddock	H	23	6	81	73	61	75	215	334	151	291
	R	12	12	88	45	125	130	104	87	89	55
Mackerel, Atlantic	H	786	1,321	2,049	1,811	2,024	1,313	722	1,967	4,296	1,789
	R	89	77	231	157	61	45	73	21	203	83
Porgies (Scup)	H	322	1,029	1,382	881	975	1,624	1,511	397	314	729
	R	422	521	748	832	879	1,221	855	516	931	936
Wrasses (Tautog)	H	25	91	88	116	103	47	23	48	63	76
	R	81	152	139	205	284	190	63	148	266	331

<sup>1</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

Massachusetts' State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Location Quotient <sup>1</sup>
1998	167,929 (2.4%)	2,924,913 (2.7%)	105,871 (3.2%)	181,507 (3.1%) <sup>2</sup>	236,079 (2.7%)	7.54
2006	175,463 (2.3%)	3,044,080 (2.5%)	148,086 (3.1%)	211,988 (2.9%)	335,313 (2.6%)	ND <sup>3</sup>
% change	4.5%	4.1%	39.9%	16.8%	42.0%	26.5%

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	19	31	22	29	26	23	25	28	36
	Receipts	2,291	3,455	2,684	1,762	1,296	676	2,284	2,266	2,525
Seafood sales, retail	Firms	61	70	62	62	78	59	64	59	62
	Receipts	8,727	9,075	6,128	6,171	7,314	5,409	5,933	5,528	4,905

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	41	42	42	41	45	55	53	50	47
	Employees	1,841	1,880	2,251	2,164	2,231	2,717	2,743	2,671	2,607
	Payroll	72,700	77,625	82,907	83,249	92,776	110,917	112,642	115,704	120,912
Seafood sales, wholesale	Establishments	256	247	229	212	207	163	148	151	139
	Employees	2,408	2,486	2,685	2,508	2,393	1,880	1,890	1,836	1,706
	Payroll	88,551	99,482	104,358	105,904	107,871	74,431	75,689	76,070	77,106
Seafood sales, retail	Establishments	107	111	109	115	126	124	128	116	115
	Employees	442	451	435	451	490	720	686	677	692
	Payroll	6,974	7,071	7,401	8,224	10,673	17,760	17,454	17,725	18,165

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	7	9	9	12	10	13	13	10	12
	Employees	ND	585	ND	ND	ND	ND	688	ND	623
	Payroll	ND	27,494	ND	ND	ND	ND	36,533	ND	38,421
Deep sea freight transportation	Establishments	15	14	12	14	12	10	10	10	11
	Employees	ND	375	368	ND	ND	ND	ND	ND	509
	Payroll	ND	24,000	31,434	ND	ND	ND	ND	ND	38,982
Deep sea passenger transportation	Establishments	2	2	2	2	2	1	1	4	4
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Marinas	Establishments	132	133	131	136	139	145	135	139	141
	Employees	856	838	865	996	988	969	989	973	1,064
	Payroll	25,022	28,090	30,790	34,865	35,169	40,700	41,474	43,103	45,894
Marine cargo handling	Establishments	4	3	6	7	7	6	6	5	4
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Navigational services to shipping	Establishments	7	6	4	5	5	5	7	6	11
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Port & harbor operations	Establishments	1	NA <sup>4</sup>	NA	NA	NA	3	3	3	4
	Employees	ND	NA	NA	NA	NA	ND	ND	ND	ND
	Payroll	ND	NA	NA	NA	NA	ND	ND	ND	ND
Ship & boat building	Establishments	53	51	54	56	50	53	55	50	47
	Employees	508	601	599	577	617	ND	ND	588	ND
	Payroll	16,715	21,068	18,503	18,813	21,710	ND	ND	20,050	ND

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

<sup>2</sup>Employee Compensation data for 1998 were not available. Data from 2001 are reported here.

<sup>3</sup>ND = Data are suppressed due to confidentiality restrictions.

<sup>4</sup>NA = Data are not available.

**2007 Economic Impacts of the New Hampshire Seafood Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Job Impacts
<b>Total Impacts</b>	343,078	191,639	7,121
Commercial Harvesters	36,372	16,227	653
Seafood Processors and Dealers	39,800	20,492	458
Seafood Wholesalers and Distributors	56,399	28,734	543
Retail Sectors	210,506	126,186	5,467

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total Revenue</b>	11,186	12,538	16,197	17,865	16,689	15,127	17,214	22,084	18,844	19,088
Finfish & Other	5,253	5,514	7,848	8,231	7,350	5,748	6,449	6,840	4,785	4,138
Shellfish	5,933	7,024	8,349	9,634	9,339	9,380	10,765	15,244	14,059	14,951
Cod, Atlantic	1,550	394	1,807	2,017	1,983	1,853	2,244	1,913	1,708	1,972
Goosefish	671	1,714	2,715	2,812	1,853	1,097	1,456	1,484	794	375
Haddock	59	104	187	181	134	144	157	136	132	123
Hake	174	550	463	367	321	303	200	279	219	244
Herring, Atlantic	24	ND <sup>1</sup>	306	399	783	1,170	1,147	1,255	199	147
Lobster	4,702	5,916	7,081	8,072	ND <sup>1</sup>	ND <sup>1</sup>	10,199	14,377	13,915	ND <sup>1</sup>
Pollock	970	1,430	1,045	891	847	589	569	1,138	1,221	902
Scallop, Sea	51	ND <sup>1</sup>	ND <sup>1</sup>	689	726	375	276	527	24	30
Shark, Spiny Dogfish	350	205	605	148	85	27	ND <sup>1</sup>	ND <sup>1</sup>	183	ND <sup>1</sup>
Shrimp	791	282	375	369	104	212	222	340	120	315

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total Landings</b>	10,172	11,251	17,886	18,584	23,200	27,435	23,796	21,281	10,339	8,395
Finfish & Other	7,304	8,753	14,931	15,078	20,354	24,747	21,074	18,081	7,375	5,181
Shellfish	2,868	2,498	2,954	3,505	2,846	2,688	2,722	3,200	2,963	3,215
Cod, Atlantic	1,491	350	1,756	1,976	1,583	1,458	1,633	1,293	1,024	1,170
Goosefish	821	1,384	1,873	2,463	1,876	1,629	1,640	1,226	621	318
Haddock	44	74	134	135	95	108	123	99	73	62
Hake	308	888	1,094	820	557	729	405	372	241	313
Herring, Atlantic	260	ND <sup>1</sup>	5,582	7,015	14,125	18,933	15,589	12,562	2,020	936
Lobster	1,195	1,380	1,710	2,028	ND <sup>1</sup>	ND <sup>1</sup>	2,097	2,556	2,666	ND <sup>1</sup>
Pollock	1,413	1,641	1,337	1,183	997	1,109	1,202	1,997	2,566	2,037
Scallop, Sea	7	ND <sup>1</sup>	ND <sup>1</sup>	171	177	100	44	76	3	4
Shark, Spiny Dogfish	1,893	1,238	2,334	536	349	175	ND <sup>1</sup>	ND <sup>1</sup>	620	ND <sup>1</sup>
Shrimp	887	376	468	506	90	223	432	567	294	768

**Average Annual Price for Key Species / Species Groups (price per pound)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Cod, Atlantic	1.04	1.13	1.03	1.02	1.25	1.27	1.37	1.48	1.67	1.69
Goosefish	0.82	1.24	1.45	1.14	0.99	0.67	0.89	1.21	1.28	1.18
Haddock	1.35	1.41	1.39	1.35	1.41	1.33	1.27	1.38	1.82	1.99
Hake	0.56	0.62	0.42	0.45	0.58	0.41	0.49	0.75	0.91	0.78
Herring, Atlantic	0.09	ND <sup>1</sup>	0.05	0.06	0.06	0.06	0.07	0.10	0.10	0.16
Lobster	3.94	4.29	4.14	3.98	ND <sup>1</sup>	ND <sup>1</sup>	4.86	5.62	5.22	ND <sup>1</sup>
Pollock	0.69	0.87	0.78	0.75	0.85	0.53	0.47	0.57	0.48	0.44
Scallop, Sea	7.38	ND <sup>1</sup>	ND <sup>1</sup>	4.04	4.10	3.76	6.22	6.89	7.44	8.25
Shark, Spiny Dogfish	0.19	0.17	0.26	0.28	0.24	0.16	ND <sup>1</sup>	ND <sup>1</sup>	0.30	ND <sup>1</sup>
Shrimp	0.89	0.75	0.80	0.73	1.16	0.95	0.51	0.60	0.41	0.41

<sup>1</sup>ND = data is confidential thus not disclosable.

**2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	75	7,808	4,719
Shore Mode	59	5,378	3,186
For-Hire	141	11,572	6,780
Total Durable Equipment Impacts	212	29,898	15,235
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>488</b>	<b>54,657</b>	<b>29,921</b>

**2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	1,220	6,669	Fishing Tackle	15,065
Shore	2,490	2,559	Other Equipment	4,206
For-Hire	4,441	3,604	Boat Expenses	7,109
Total Trip Expenditures	8,151	12,832	Vehicle Expenses	11,984
			Second Home Expenses	0
<b>Total State Trip and Durable Equipment Expenditures</b>			<b>Total Durable Equipment Expenditures</b>	<b>38,364</b>
				<b>59,347</b>

**Recreational Anglers by Residential Area (thousands of anglers)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	57	55	77	68	60	91	81	105	90	97
Non-Coastal	8	8	10	13	11	16	13	14	15	13
Out-of-State	58	60	85	74	65	75	69	84	82	63
<b>Total Anglers</b>	<b>123</b>	<b>123</b>	<b>172</b>	<b>154</b>	<b>137</b>	<b>182</b>	<b>163</b>	<b>203</b>	<b>187</b>	<b>172</b>

**Recreational Fishing Effort by Mode (thousands of trips)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	30	25	34	83	29	35	39	47	88	94
Private or Rental	121	112	145	177	143	230	141	236	192	248
Shore	127	147	189	100	147	150	181	237	267	196
<b>Total Trips</b>	<b>277</b>	<b>285</b>	<b>368</b>	<b>360</b>	<b>318</b>	<b>416</b>	<b>360</b>	<b>520</b>	<b>547</b>	<b>538</b>

**Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>1</sup>**

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bass, Striped	H	6	5	4	15	13	25	10	26	15	7
	R	243	146	210	164	238	260	197	513	568	289
Bluefish	H	3	4	1	8	19	8	21	23	10	32
	R	1	5	1	14	14	17	10	42	26	18
Bottomfish, Unidentified	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Cod, Atlantic	H	24	39	70	164	39	108	44	69	61	51
	R	51	68	148	184	70	208	56	143	225	221
Flounder or Sole, Unidentified	H	29	11	8	9	8	7	2	3	10	13
	R	12	6	8	6	10	3	2	3	5	10
Flounder, Winter	H	(1)	(1)	4	(1)	(1)	(1)	2	1	(1)	5
	R	(1)	1	9	2	5	1	2	4	6	2
Haddock	H	10	7	17	36	19	44	51	107	120	95
	R	4	7	29	50	43	128	17	36	86	41
Mackerel, Atlantic	H	255	446	581	828	212	409	86	333	153	151
	R	73	109	120	297	69	61	10	25	31	11
Pollock	H	63	74	177	167	89	63	53	49	80	56
	R	79	110	293	265	63	42	28	29	39	15
Tuna, Bluefin	H	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

<sup>1</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

New Hampshire's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Location Quotient <sup>1</sup>
1998	36,842 (0.5%)	518,526 (0.5%)	14,864 (0.5%)	26,752 (0.5%) <sup>2</sup>	39,102 (0.5%)	0.08
2006	39,376 (0.5%)	577,415 (0.5%)	21,898 (0.5%)	33,629 (0.5%)	56,073 (0.4%)	ND
% change	6.9%	11.4%	47.3%	25.7%	43.4%	--

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	NA <sup>3</sup>	NA	NA	NA	NA	7	4	4	4
	Receipts	ND <sup>4</sup>	ND	NA	NA	ND	1,205	1,147	842	1,087
Seafood sales, retail	Firms	11	7	6	8	9	14	15	11	10
	Receipts	735	850	419	1,055	862	960	1,438	1,330	1,496

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	8	8	10	8	9	11	10	10	10
	Employees	340	298	298	ND	368	322	448	418	ND
	Payroll	10,076	9,377	9,952	ND	13,452	13,676	18,886	16,275	ND
Seafood sales, wholesale	Establishments	17	16	14	14	14	11	12	10	9
	Employees	81	ND	68	75	78	ND	82	ND	ND
	Payroll	2,045	ND	1,813	2,222	2,093	ND	2,511	ND	ND
Seafood sales, retail	Establishments	7	7	7	9	9	12	12	12	15
	Employees	ND	ND	ND	ND	ND	ND	ND	79	78
	Payroll	ND	ND	ND	ND	ND	ND	ND	2,053	2,201

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	NA	NA	1	1	1	NA	NA	1	1
	Employees	NA	NA	ND	ND	ND	NA	NA	ND	ND
	Payroll	NA	NA	ND	ND	ND	NA	NA	ND	ND
Deep sea freight transportation	Establishments	NA	1	2	1	1	1	1	2	2
	Employees	NA	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	NA	ND	ND	ND	ND	ND	ND	ND	ND
Deep sea passenger transportation	Establishments	NA	1	1	1	1	NA	NA	NA	NA
	Employees	NA	ND	ND	ND	ND	NA	NA	NA	NA
	Payroll	NA	ND	ND	ND	ND	NA	NA	NA	NA
Marinas	Establishments	42	43	39	42	36	40	40	38	35
	Employees	210	233	249	209	228	196	226	194	ND
	Payroll	5,845	6,757	7,768	8,135	10,872	9,043	9,315	8,871	ND
Navigational services to shipping	Establishments	2	2	2	2	2	3	3	4	4
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Port & harbor operations	Establishments	1	1	1	1	1	NA	NA	NA	NA
	Employees	ND	ND	ND	ND	ND	NA	NA	NA	NA
	Payroll	ND	ND	ND	ND	ND	NA	NA	NA	NA
Ship & boat building	Establishments	5	4	5	6	8	10	8	6	6
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>2</sup>Employee Compensation data for 1998 were not available. Data from 2001 are reported here.

<sup>3</sup>NA = Data are not available.

<sup>4</sup>ND = Data are suppressed due to confidentiality restrictions.

**2007 Economic Impacts of the Rhode Island Seafood Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Job Impacts
<b>Total Impacts</b>	556,874	299,552	11,755
Commercial Harvesters	121,098	52,580	2,286
Seafood Processors & Dealers	40,865	14,825	373
Seafood Wholesalers & Distributors	81,912	42,256	792
Retail Sector	312,999	189,890	8,305

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	71,991	86,034	80,965	68,657	64,718	66,088	77,452	91,414	98,576	76,882
Finfish & Other	24,794	27,353	26,949	26,503	25,115	24,408	25,826	24,676	28,178	25,024
Shellfish	47,197	58,682	54,016	42,154	39,602	41,679	51,627	66,738	70,397	51,858
Clam, Quahog	4,099	4,665	7,991	7,208	7,043	6,370	5,870	3,439	3,528	8,369
Flounder, Summer	3,914	3,766	3,800	3,787	3,992	4,060	5,308	5,868	5,045	4,415
Flounders, Other	2,899	3,337	3,962	3,085	3,194	2,728	2,137	1,734	3,502	3,585
Goosefish	4,095	6,652	6,892	5,455	4,757	4,813	3,418	4,547	4,501	3,550
Herring, Atlantic	2,065	1,865	2,337	2,295	1,312	1,195	1,213	1,075	2,667	982
Lobster	20,011	31,616	28,103	18,747	15,875	16,731	14,623	23,009	18,392	12,146
Mackerel, Atlantic	1,626	848	444	280	3,031	2,385	3,813	2,888	3,293	1,182
Scallop, Sea	ND <sup>1</sup>	ND <sup>1</sup>	1,392	684	ND <sup>1</sup>	279	1,511	13,268	20,783	8,963
Scups or Porgies	1,156	1,672	1,252	1,282	2,229	2,098	1,982	2,323	2,785	2,783
Squid	20,059	16,128	12,937	11,596	13,208	14,319	25,015	16,974	16,731	13,454

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	133,482	125,924	121,371	116,713	103,530	97,456	114,993	97,564	112,884	75,635
Finfish & Other	84,550	83,085	82,008	82,871	70,552	62,340	62,282	47,819	60,868	40,871
Shellfish	48,933	42,839	39,363	33,842	32,978	35,116	52,711	49,745	52,016	34,764
Clam, Quahog	881	860	1,409	1,220	1,192	1,131	1,080	642	679	1,027
Flounder, Summer	1,712	1,635	1,704	1,799	2,286	2,178	3,085	2,925	2,123	1,516
Flounders, Other	2,379	2,899	4,070	3,148	2,781	2,428	2,360	1,315	1,850	1,872
Goosefish	7,150	7,526	5,897	6,081	5,148	6,830	4,284	4,143	3,864	3,122
Herring, Atlantic	34,322	36,362	40,414	36,400	12,774	13,440	13,639	11,605	23,150	7,537
Lobster	5,618	8,156	6,908	4,452	3,835	3,475	3,064	4,344	3,750	2,301
Mackerel, Atlantic	5,771	4,335	1,939	1,131	20,930	10,768	15,269	8,075	10,143	4,242
Scallop, Sea	ND <sup>1</sup>	ND <sup>1</sup>	238	181	ND <sup>1</sup>	76	249	1,612	3,290	1,357
Scups or Porgies	795	1,280	1,017	1,617	3,675	3,814	3,425	3,424	3,643	3,934
Squid	38,559	20,233	26,051	22,769	23,713	25,862	43,539	22,135	21,296	15,873

**Average Annual Price for Key Species / Species Groups (price per pound)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Clam, Quahog	4.65	5.42	5.67	5.91	5.91	5.63	5.44	5.35	5.20	8.15
Flounder, Summer	2.29	2.30	2.23	2.11	1.75	1.86	1.72	2.01	2.38	2.91
Flounders, Other	1.22	1.15	0.97	0.98	1.15	1.12	0.91	1.32	1.89	1.91
Goosefish	0.57	0.88	1.17	0.90	0.92	0.70	0.80	1.10	1.16	1.14
Herring, Atlantic	0.06	0.05	0.06	0.06	0.10	0.09	0.09	0.09	0.12	0.13
Lobster	3.56	3.88	4.07	4.21	4.14	4.82	4.77	5.30	4.91	5.28
Mackerel, Atlantic	0.28	0.20	0.23	0.25	0.14	0.22	0.25	0.36	0.32	0.28
Scallop, Sea	ND <sup>1</sup>	ND <sup>1</sup>	5.86	3.78	ND <sup>1</sup>	3.67	6.07	8.23	6.32	6.61
Scups or Porgies	1.45	1.31	1.23	0.79	0.61	0.55	0.58	0.68	0.76	0.71
Squid	0.52	0.80	0.50	0.51	0.56	0.55	0.57	0.77	0.79	0.85

<sup>1</sup>ND = data is confidential thus not disclosable.

2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	220	20,718	12,411
Shore	339	28,449	16,358
For-Hire	91	8,364	5,001
Total Durable Equipment Impacts	636	87,937	37,929
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>1,286</b>	<b>145,467</b>	<b>71,698</b>

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	9,905	11,299	Fishing Tackle	49,269
Shore	18,072	7,493	Other Equipment	15,405
For-Hire	4,998	1,306	Boat Expenses	18,957
Total Trip Expenditures	32,975	20,098	Vehicle Expenses	20,519
			Second Home Expenses	1,574
			Total Durable Equipment Expenditures	105,724
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>158,797</b>

Recreational Anglers by Residential Area (thousands of anglers)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	96	108	112	137	134	147	129	145	177	171
Non-Coastal	NA <sup>1</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>
Out-of-State	187	214	184	260	214	253	237	241	291	229
<b>Total Anglers</b>	<b>283</b>	<b>321</b>	<b>296</b>	<b>397</b>	<b>348</b>	<b>400</b>	<b>366</b>	<b>386</b>	<b>468</b>	<b>401</b>

Recreational Fishing Effort by Mode (thousands of trips)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	47	22	40	20	37	60	51	48	52	61
Private or Rental	441	577	737	687	595	582	615	772	671	621
Shore	612	663	596	789	880	952	836	790	982	863
<b>Total Trips</b>	<b>1,100</b>	<b>1,262</b>	<b>1,373</b>	<b>1,496</b>	<b>1,512</b>	<b>1,595</b>	<b>1,503</b>	<b>1,611</b>	<b>1,704</b>	<b>1,545</b>

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)<sup>2</sup>

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Atlantic Bonito	H	5	25	3	2	11	2	6	1	(1)	4
	R	3	26	1	1	1	4	5	1	(1)	5
Bass, Striped	H	45	56	95	80	78	115	85	113	74	102
	R	613	360	542	377	530	449	670	741	1,356	741
Bluefish	H	194	330	280	365	325	334	307	310	362	327
	R	203	784	497	893	801	932	818	558	655	860
Cod, Atlantic	H	59	37	39	6	6	1	3	1	2	1
	R	52	13	20	2	8	5	3	2	2	1
Flounder, Summer	H	395	432	807	268	191	205	288	188	264	232
	R	245	440	921	392	770	351	297	341	1,044	867
Flounder, Winter	H	38	74	51	82	30	8	8	1	1	1
	R	17	32	17	17	20	1	3	(1)	(1)	3
Porgies (Scup)	H	235	719	1,235	1,134	603	1,027	908	446	428	452
	R	284	279	876	1,074	933	805	517	666	884	736
Sea Bass, Black	H	26	25	197	123	78	70	53	56	53	54
	R	26	121	401	151	241	205	39	52	259	162
Tuna, Yellowfin	H	(1)	2	5	1	1	2	(1)	1	(1)	(1)
	R	(1)	(1)	(1)	(1)	(1)	11	(1)	1	(1)	(1)
Wrasses (Tautog)	H	56	52	39	40	62	120	173	106	81	164
	R	91	153	64	74	135	197	153	212	188	205

<sup>1</sup>All Rhode Island residents are considered coastal county residents thus this category is not applicable (NA).

<sup>2</sup>In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

**Rhode Island's State Economy (% of national total)**

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Location Quotient <sup>1</sup>
1998	28,245 (0.4%)	402,485 (0.4%)	11,116 (0.3%)	20,063 (0.3%) <sup>2</sup>	29,537 (0.3%)	2.88
2006	30,398 (0.4%)	440,797 (0.4%)	17,073 (0.4%)	25,402 (0.3%)	45,733 (0.3%)	3.91
% change	7.6%	9.5%	53.6%	26.6%	54.8%	35.8%

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	NA <sup>3</sup>	NA	NA	NA	NA	NA	NA	6	8
	Receipts	ND <sup>4</sup>	ND	ND	ND	ND	ND	ND	2,024	1,662
Seafood Sales, retail	Firms	14	11	14	17	20	16	14	16	24
	Receipts	1,806	1,505	1,860	2,577	2,433	2,227	2,186	2,215	3,266

**Seafood Sales & Processing – Employer Establishments (thousands of dollars)**

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	8	6	6	6	9	7	7	7	7
	Employees	ND	241	227	240	184	355	355	270	231
	Payroll	ND	6,681	7,184	7,581	7,284	10,381	10,867	5,549	6,137
Seafood sales, wholesale	Establishments	49	43	40	41	39	38	35	32	36
	Employees	401	393	411	382	380	394	259	206	188
	Payroll	12,162	12,471	13,153	14,250	14,505	15,724	12,269	9,851	10,209
Seafood sales, retail	Establishments	22	24	26	26	27	29	34	31	28
	Employees	79	102	97	ND	151	162	163	140	ND
	Payroll	1,400	2,018	2,596	ND	3,015	2,870	2,707	2,447	ND

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

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	1	1	1	1	2	1	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Deep sea freight transportation	Establishments	1	1	2	2	1	1	2	2	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Deep sea passenger transportation	Establishments	1	3	3	3	2	3	NA	NA	NA
	Employees	ND	ND	ND	ND	ND	ND	NA	NA	NA
	Payroll	ND	ND	ND	ND	ND	ND	NA	NA	NA
Marinas	Establishments	55	51	55	54	56	61	60	66	63
	Employees	388	414	504	555	522	405	475	408	457
	Payroll	12,452	13,146	14,698	18,967	17,609	14,456	15,111	15,843	18,748
Marine cargo handling	Establishments	2	3	4	3	3	1	1	1	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Navigational services to shipping	Establishments	11	8	8	9	10	8	8	8	7
	Employees	ND	ND	ND	ND	36	46	ND	ND	ND
	Payroll	ND	ND	ND	ND	2,162	2,585	ND	ND	ND
Port & harbor operations	Establishments	1	1	1	NA	NA	2	2	2	2
	Employees	ND	ND	ND	NA	NA	ND	ND	ND	ND
	Payroll	ND	ND	ND	NA	NA	ND	ND	ND	ND
Ship & boat building	Establishments	35	32	28	33	31	37	38	36	38
	Employees	ND	ND	1,079	ND	1,329	ND	ND	ND	1,325
	Payroll	ND	ND	37,259	ND	47,328	ND	ND	ND	52,682

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

<sup>2</sup>Employee Compensation data for 1998 were not available. Data from 2001 are reported here.

<sup>3</sup>Data are not available.

<sup>4</sup>Data are suppressed due to confidentiality restrictions.