

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

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

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

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

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

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

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

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

<sup>1</sup>ND = these data are confidential thus not disclosable

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

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

**2009 Angler Trip & Durable Expenditures (thousands of dollars)**

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

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

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

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

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

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

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

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

## Massachusetts's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (million \$)	Employee Compensation (million \$)	Gross State Product (million \$)	Commercial Location Quotient <sup>1</sup>
2000	176,222 (2.5%)	3,087,044 (2.7%)	131,444 (3.4%)	177,393 (2.8%)	272,680 (3.1%)	7.54 <sup>2</sup>
2008	174,290 (2.3%)	3,074,569 (2.5%)	161,821 (3.2%)	228,829 (2.6%)	364,818 (2.9%)	ND <sup>3</sup>
% change	-1.1%	-0.404%	23.1%	29%	33.8%	NA <sup>4</sup>

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

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

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

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

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

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

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

<sup>3</sup>ND = these data are confidential thus not disclosable

<sup>4</sup>NA = these data are not available