

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

	Sales Impacts	Income Impacts	Job Impacts
Total Impacts	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 ¹	ND ¹	7,325	6,919	ND ¹	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 ²	NA ²	NA ²	NA ²	NA ²	NA ²	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 ¹	ND ¹	14,226	14,085	ND ¹	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 ²	NA ²	NA ²	NA ²	NA ²	NA ²	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 ¹	ND ¹	0.51	0.49	ND ¹	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 ²	NA ²	NA ²	NA ²	NA ²	NA ²	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

¹ND = data is confidential thus not disclosable.²NA = 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
Total State Trip and Durable Equipment Economic Impacts	6,124	805,956	438,796

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
Total State Trip and Durable Equipment Expenditures				772,633

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
Total Anglers	635	471	848	750	906	852	1,000	1,112	1,258	1,309

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
Total Trips	3,451	2,983	4,622	4,524	4,206	4,085	4,502	4,439	4,724	4,710

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

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

¹In 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 ¹
1998	167,929 (2.4%)	2,924,913 (2.7%)	105,871 (3.2%)	181,507 (3.1%) ²	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 ³
% 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 ⁴	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

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

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

³ND = Data are suppressed due to confidentiality restrictions.

⁴NA = Data are not available.