

**2006 Economic Impacts of Commercial Fishing Industry (thousands of dollars)**

	Sales Impacts	Income Impacts	Employment Impacts
<b>Total Impacts</b>	4,363,812	2,319,814	82,760
Commercial Harvesters	401,530	166,334	3,505
Seafood Processors and Dealers	510,127	199,899	4,272
Seafood Wholesalers and Distributors	653,370	318,443	5,689
Retail Sectors	2,798,785	1,635,139	69,294

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Revenue	224,360	205,703	260,246	290,948	280,108	296,914	292,600	326,003	427,072	437,044
Finfish & Other	100,806	108,123	110,155	120,599	122,950	122,838	116,765	109,395	117,246	110,167
Shellfish	123,554	97,580	150,091	170,349	157,158	174,076	175,835	216,608	309,826	326,877
Clam, Ocean Quahog	8,589	8,048	6,905	5,235	ND <sup>1</sup>	ND <sup>1</sup>	7,325	6,919	ND <sup>1</sup>	8,297
Clams, All Other	1,312	1,191	653	581	5,927	8,169	823	4,721	18,314	14,071
Cod & Haddock	21,440	26,215	27,372	29,573	36,915	40,550	36,668	31,678	32,051	25,452
Flounders	30,216	31,034	27,425	30,521	33,088	33,092	32,995	29,898	28,815	24,593
Goosefish	15,306	15,807	21,847	24,121	18,263	15,546	15,585	15,676	21,486	17,712
Herring, Atlantic	2,658	3,922	1,260	604	2,769	2,285	5,461	4,574	8,279	7,828
Lobster	61,959	48,576	66,770	70,116	53,430	56,569	52,329	51,581	49,587	52,557
Mackerel, Atlantic	287	721	331	184	141	713	1,888	6,542	ND <sup>1</sup>	10,202
Oyster, Eastern	NA <sup>2</sup>	0	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	24	2,739	4,620
Scallop, Sea	47,023	36,037	70,226	85,294	88,513	100,551	106,938	144,512	227,117	234,797

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total Landings	229,335	256,647	198,674	189,038	241,046	243,503	295,436	337,853	337,266	348,308
Finfish & Other	177,531	210,215	143,931	130,130	182,485	175,491	231,978	267,555	267,431	268,290
Shellfish	51,804	46,432	54,743	58,908	58,561	68,012	63,458	70,298	69,835	80,018
Clam, Ocean Quahog	20,438	19,189	16,530	12,397	ND <sup>1</sup>	ND <sup>1</sup>	14,226	14,085	ND <sup>1</sup>	16,798
Clams, All Other	1,545	1,675	880	734	10,836	17,057	1,045	6,314	19,703	4,515
Cod & Haddock	24,301	24,262	23,616	26,685	37,176	37,521	32,013	27,121	24,631	15,862
Flounders	21,393	22,904	21,384	29,041	33,991	28,987	29,418	30,705	22,115	13,182
Goosefish	26,885	27,564	26,422	20,888	22,120	22,794	23,979	22,358	21,853	17,496
Herring, Atlantic	53,404	74,672	23,756	9,615	48,960	40,508	79,873	68,464	99,449	82,821
Lobster	15,087	13,277	15,534	15,803	12,133	12,853	11,385	11,295	9,884	10,967
Mackerel, Atlantic	1,236	2,329	1,302	479	387	5,549	23,451	72,687	ND <sup>1</sup>	89,535
Oyster, Eastern	NA <sup>2</sup>	0	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	9	105	213
Scallop, Sea	7,078	5,751	12,254	16,175	22,915	25,290	25,371	27,909	29,062	36,108

**Average Annual Price for Key Species / Species Groups**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Clam, Ocean Quahog	0.42	0.42	0.42	0.42	ND <sup>1</sup>	ND <sup>1</sup>	0.51	0.49	ND <sup>1</sup>	0.49
Clams, All Other	0.85	0.71	0.74	0.79	0.55	0.48	0.79	0.75	0.93	3.12
Cod & Haddock	0.88	1.08	1.16	1.11	0.99	1.08	1.15	1.17	1.30	1.60
Flounders	1.41	1.35	1.28	1.05	0.97	1.14	1.12	0.97	1.30	1.87
Goosefish	0.57	0.57	0.83	1.15	0.83	0.68	0.65	0.70	0.98	1.01
Herring, Atlantic	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
Lobster	4.11	3.66	4.30	4.44	4.40	4.40	4.60	4.57	5.02	4.79
Mackerel, Atlantic	0.23	0.31	0.25	0.38	0.36	0.13	0.08	0.09	ND <sup>1</sup>	0.11
Oyster, Eastern	NA <sup>2</sup>	0.67	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	NA <sup>2</sup>	2.74	26.08	21.74
Scallop, Sea	6.64	6.27	5.73	5.27	3.86	3.98	4.21	5.18	7.81	6.50

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

<sup>2</sup>NA = data is not available.

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Party / Charter	190	142	146	172	134	106	145	133	246	242
Private / Rental	1,772	1,765	1,552	2,518	2,569	2,399	2,329	2,456	2,383	2,438
Shore	2,179	1,544	1,285	1,931	1,821	1,701	1,611	1,913	1,809	2,044
<b>Total Trips</b>	<b>4,141</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>

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

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal	412	342	240	493	392	465	434	540	600	623
Non-Coastal	96	65	57	90	79	96	112	133	138	151
Out of State	330	228	174	265	279	344	306	344	398	484
<b>Total Anglers</b>	<b>838</b>	<b>635</b>	<b>471</b>	<b>848</b>	<b>750</b>	<b>906</b>	<b>852</b>	<b>1,018</b>	<b>1,136</b>	<b>1,258</b>

**2006 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditure Category	Expenditures
	Non-Residents	Residents		
Private Boat	15,751	57,183	Fishing Tackle	141,321
Shore	109,111	40,722	Other Equipment	38,418
For-Hire	21,594	12,935	Boat Expenses	95,619
Total Trip Expenditures	146,456	110,840	Vehicle Expenses	227,975
			Second Home Expenses	10,727
			Total Durable Equipment Expenditures	514,063
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>771,359</b>

**2006 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat Mode Trip Impacts	697	81,565	50,009
Shore Mode Trip Impacts	2,086	215,128	127,374
Party/Charter Mode Trip Impacts	542	52,148	31,112
Total Durable Equipment Impacts	2,756	453,695	227,991
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>6,081</b>	<b>802,536</b>	<b>436,488</b>

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

Species		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Atlantic Bonito	H	4	(1)	1	4	13	6	11	4	15	5
	R	6	1	1	8	8	17	(1)	3	12	18
Bass, Striped	H	199	208	127	181	288	309	407	400	368	340
	R	5,418	7,184	4,576	7,382	5,411	5,719	4,362	5,892	4,840	8,657
Bluefish	H	316	237	197	221	357	229	374	406	589	686
	R	644	510	397	596	948	628	1,019	1,468	1,812	1,507
Cod, Atlantic	H	340	370	284	599	842	585	583	519	558	188
	R	364	558	471	975	1,119	1,049	937	843	1,337	534
Flounder, Summer	H	220	383	175	379	152	155	177	281	203	219
	R	251	234	219	445	210	336	244	388	308	556
Flounder, Winter	H	73	97	60	74	61	53	45	40	42	43
	R	159	57	46	100	97	34	30	17	39	35
Haddock	H	6	23	6	81	73	61	75	215	334	151
	R	33	12	12	88	45	125	130	104	87	89
Mackerel, Atlantic	H	1,592	786	1,321	2,049	1,811	2,024	1,313	722	1,967	4,296
	R	109	89	77	231	157	61	45	73	21	203
Porgies (Scup)	H	810	322	1,029	1,382	881	975	1,624	1,511	397	314
	R	401	422	521	748	832	879	1,221	855	516	931
Wrasses (Tautog)	H	39	25	91	88	116	103	47	23	48	63
	R	105	81	152	139	205	284	190	63	148	266

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

Massachusetts' Economy (% of national total)						
	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions)	Gross State Product (\$ millions)	Commercial Fishing Location Quotient
1998	167,929 (2.42%)	2,924,913 (2.71%)	105,871 (3.20%)	181,507 (3.06%) (2001) <sup>1</sup>	236,079 (2.72%)	7.54 (2001) <sup>2</sup>
2005	175,291 (2.34%)	2,996,347 (2.58%)	140,581 (3.14%)	200,912 (2.86%)	320,050 (2.59%)	9.54 (2005) <sup>2</sup>
% change	4.4	2.4	32.8	10.7	35.6	26.5

**Seafood Sales and Processing – Non-Employer Firms and Annual Receipts** (thousands of dollars)

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

**Seafood Sales and Processing – Employer Establishments, Employees, and Annual Payroll** (thousands of dollars)

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

**Transport, Support, and Marine Operations – Employer Establishments, Employees, and Annual Payroll** (thousands of dollars)

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

F = Data is suppressed due to confidentiality restrictions. M = Data is not available.

<sup>1</sup>Employee Compensation data is currently available from 2001-2005.

<sup>2</sup>Commercial Fishing Location Quotient data is available from 2001-2006 for most states. Data from other years is displayed when 2001 and/or 2006 data is unavailable.