

2008 Economic Impacts of Delaware Seafood Industry (*thousands of dollars*)

	Sales Impacts	Income Impacts	Job Impacts
<b>Total Impacts</b>	54,497	28,587	1,134
Commercial Harvesters	13,100	4,549	243
Seafood Processors & Dealers	4,835	2,584	56
Seafood Wholesalers & Distributors	6,869	3,500	63
Retail Sector	29,693	17,953	772

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

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total Revenue	6,800	6,833	7,660	6,067	5,204	5,234	6,113	5,692	7,894	6,713
Finfish & Other	1,617	1,379	1,080	986	1,465	1,121	1,273	1,330	1,306	916
Shellfish	5,183	5,454	6,580	5,081	3,739	4,113	4,840	4,361	6,588	5,796
Bass, Striped	271	245	365	336	479	497	494	507	430	397
Clam, Quahog	215	243	233	392	435	175	220	193	ND <sup>1</sup>	ND <sup>1</sup>
Crab, Blue	4,599	5,086	5,140	3,511	1,899	2,839	3,429	2,961	5,329	4,605
Eel, American	182	192	126	118	230	167	100	275	315	52
Oyster, Eastern	ND <sup>1</sup>	ND <sup>1</sup>	172	478	305	361	485	459	490	410
Scallop, Sea	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	7	102	121	ND <sup>1</sup>	256
Sea Bass, Black	ND <sup>1</sup>	142	42	21	181	48	157	190	201	159
Spot	24	17	51	8	46	38	98	58	100	40
Weakfish	352	318	133	176	83	61	82	56	36	10
Whelks	330	113	1,015	694	1,079	690	562	601	ND <sup>1</sup>	351

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

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total Landings	8,372	6,741	7,140	5,857	5,018	4,208	4,851	4,380	5,326	4,598
Finfish & Other	3,129	2,497	2,078	1,933	2,264	1,279	1,470	1,156	1,095	711
Shellfish	5,243	4,244	5,062	3,925	2,754	2,929	3,381	3,224	4,231	3,887
Bass, Striped	176	145	199	146	191	176	174	184	189	183
Clam, Quahog	70	76	64	134	141	54	69	60	ND <sup>1</sup>	ND <sup>1</sup>
Crab, Blue	4,993	4,092	4,085	3,062	1,792	2,276	2,924	2,856	3,799	3,508
Eel, American	129	119	121	90	156	137	110	120	140	19
Oyster, Eastern	ND <sup>1</sup>	ND <sup>1</sup>	78	133	76	79	84	75	80	67
Scallop, Sea	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	1	13	20	ND <sup>1</sup>	38
Sea Bass, Black	ND <sup>1</sup>	94	25	12	98	20	73	87	73	56
Spot	52	32	78	14	77	59	155	63	128	33
Weakfish	440	329	188	173	91	51	71	34	25	7
Whelks	162	65	828	590	729	491	276	203	ND <sup>1</sup>	217

## Average Annual Price for Key Species / Species Groups

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Bass, Striped	1.53	1.69	1.84	2.30	2.50	2.82	2.84	2.75	2.28	2.17
Clam, Quahog	3.07	3.21	3.67	2.92	3.09	3.26	3.18	3.22	ND <sup>1</sup>	ND <sup>1</sup>
Crab, Blue	0.92	1.24	1.26	1.15	1.06	1.25	1.17	1.04	1.40	1.31
Eel, American	1.41	1.61	1.04	1.31	1.48	1.22	0.91	2.28	2.26	2.75
Oyster, Eastern	ND <sup>1</sup>	ND <sup>1</sup>	2.21	3.60	4.00	4.57	5.76	6.10	6.14	6.09
Scallop, Sea	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	5.05	8.08	6.19	ND <sup>1</sup>	6.81
Sea Bass, Black	ND <sup>1</sup>	1.52	1.66	1.69	1.86	2.35	2.15	2.18	2.76	2.83
Spot	0.47	0.52	0.66	0.59	0.60	0.65	0.63	0.92	0.78	1.23
Weakfish	0.80	0.97	0.71	1.02	0.91	1.18	1.16	1.63	1.47	1.51
Whelks	2.04	1.73	1.23	1.18	1.48	1.41	2.04	2.96	ND <sup>1</sup>	1.62

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

**2008 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
For-Hire	75	7,091	4,054
Private Boat	283	33,320	16,610
Shore Mode	359	34,462	18,302
Total Durable Equipment Impacts	746	148,646	63,579
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>1,462</b>	<b>223,519</b>	<b>102,547</b>

**2008 Angler Trip & Durable Equipment Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
For-Hire	3,696	1,439	Fishing Tackle	38,624
Private Boat	16,933	12,590	Other Equipment	11,901
Shore	21,965	8,526	Boat Expenses	12,398
Total Trip Expenditures	42,594	22,555	Vehicle Expenses	109,351
			Second Home Expenses	8,026
			<b>Total Durable Equipment Expenditures</b>	<b>180,301</b>
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>245,450</b>

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

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal	69	82	107	89	127	116	120	137	150	134
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	168	201	226	177	199	243	191	205	224	182
<b>Total Anglers</b>	<b>237</b>	<b>283</b>	<b>333</b>	<b>266</b>	<b>326</b>	<b>359</b>	<b>311</b>	<b>342</b>	<b>374</b>	<b>315</b>

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

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
For-Hire	43	42	71	63	38	65	48	42	53	46
Private Boat	383	606	672	535	552	679	568	671	731	553
Shore	375	448	436	429	514	434	459	465	512	468
<b>Total Trips</b>	<b>800</b>	<b>1,096</b>	<b>1,180</b>	<b>1,028</b>	<b>1,104</b>	<b>1,177</b>	<b>1,074</b>	<b>1,179</b>	<b>1,296</b>	<b>1,067</b>

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

Species/Groups		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Bass, Striped	H	9	40	41	29	30	25	20	19	10	17
	R	106	152	163	115	169	151	225	246	251	261
Bluefish	H	84	132	102	117	89	136	152	96	172	82
	R	323	303	221	435	120	322	217	322	479	246
Drum (Atlantic Croaker)	H	663	518	312	262	341	494	934	863	401	349
	R	1,017	695	285	361	655	483	761	1,034	618	609
Drum (Weakfish) <sup>3</sup>	H	224	312	72	122	20	7	19	11	4	4
	R	372	465	227	101	39	79	111	121	19	61
Flounder, Summer	H	181	336	146	107	106	124	91	110	118	33
	R	433	797	1,051	498	415	850	841	534	1,096	722
Mackerel, Atlantic	H	(1)	1	23	6	(1)	7	(1)	(1)	(1)	(1)
	R	(1)	(1)	1	1	(1)	(1)	(1)	(1)	(1)	(1)
Perch, White	H	107	48	44	40	30	63	43	65	27	55
	R	312	140	117	72	134	187	116	147	143	162
Sea bass, Black	H	41	151	203	607	307	106	62	128	76	25
	R	213	820	1,003	1,233	832	448	250	460	544	477
Tuna, Yellowfin	H	(1)	6	16	10	2	1	3	2	(1)	1
	R	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Wrasses (Tautog)	H	95	114	51	186	63	143	72	117	89	122
	R	202	324	209	412	167	263	251	216	267	206

<sup>1</sup>All Delaware 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.

Delaware's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions) <sup>1</sup>	Gross State Product (\$ millions)	Commercial Location Quotient <sup>2</sup>
1998	22,871 (0.3%)	354,643 (0.3%)	11,831 (0.4%)	19,738 (0.3%)	36,831 (0.4%)	ND
2007	25,521 (0.3%)	396,317 (0.3%)	18,608 (0.4%)	25,851 (0.3%)	61,545 (0.4%)	ND
% change	11.6%	11.8%	57.3%	30.9%	67.1%	--

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

		1999	2000	2001	2002	2003	2004	2005	2006	2007
Seafood product preparation & packaging	Firms	NA <sup>3</sup>	NA	NA	NA	NA	NA	3	3	NA
	Receipts	NA	NA	ND <sup>4</sup>	ND	ND	ND	64	214	ND
Seafood Sales, retail	Firms	4	0	5	5	7	9	12	9	12
	Receipts	562	ND	214	435	959	803	1,523	835	1,025

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

		1999	2000	2001	2002	2003	2004	2005	2006	2007
Seafood product preparation & packaging	Establishments	1	1	1	1	1	1	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Seafood sales, wholesale	Establishments	5	4	5	7	5	2	3	3	3
	Employees	ND	ND	ND	65	ND	ND	ND	9	ND
	Payroll	ND	ND	ND	2,279	ND	ND	ND	337	ND
Seafood sales, retail	Establishments	11	13	12	15	18	16	14	17	19
	Employees	64	ND	65	94	ND	144	138	135	105
	Payroll	1,123	ND	1,243	1,779	ND	3,363	3,264	3,133	2,997

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

		1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal & Great Lakes freight transportation	Establishments	1	1	4	8	5	3	3	3	3
	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	3	3	3	2	2	1	1	NA	NA
	Employees	ND	ND	ND	ND	ND	ND	ND	NA	NA
	Payroll	ND	ND	ND	ND	ND	ND	ND	NA	NA
Deep sea passenger transportation	Establishments	1	1	1	1	NA	NA	1	NA	NA
	Employees	ND	ND	ND	ND	NA	NA	ND	NA	NA
	Payroll	ND	ND	ND	ND	NA	NA	ND	NA	NA
Marinas	Establishments	12	14	12	13	17	17	16	18	17
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	88
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	2,540
Marine cargo handling	Establishments	6	6	5	6	5	5	4	4	3
	Employees	ND	272	257	199	513	ND	ND	597	527
	Payroll	ND	4,570	4,482	14,718	14,879	ND	ND	18,812	19,027
Navigational services to shipping	Establishments	9	8	10	10	10	9	9	8	8
	Employees	ND	ND	ND	ND	ND	ND	ND	75	76
	Payroll	ND	ND	ND	ND	ND	ND	ND	4,783	4,961
Port & harbor operations	Establishments	NA	NA	NA	NA	1	2	2	3	2
	Employees	NA	NA	NA	NA	ND	ND	ND	ND	ND
	Payroll	NA	NA	NA	NA	ND	ND	ND	ND	ND
Ship & boat building	Establishments	4	4	3	1	1	1	1	1	1
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND

<sup>1</sup>Employee Compensation data for 1998 were not available. Data from 2001 are reported here.

<sup>2</sup>The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.

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

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