

2008 Economic Impacts of Hawai'i Seafood Industry (thousands of dollars)

	Sales Impacts	Income Impacts	Job Impacts
Total Impacts	560,191	283,222	12,258
Commercial Harvesters	161,753	49,186	3,426
Seafood Processors & Dealers	37,347	20,220	448
Seafood Wholesalers & Distributors	59,764	30,905	563
Retail Sector	301,326	182,911	7,821

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	62,911	68,206	48,080	52,384	52,755	57,679	71,040	66,120	75,705	85,120
Finfish & Other	61,568	67,843	47,839	52,078	52,493	57,274	70,677	66,013	75,531	84,753
Shellfish	1,343	363	241	306	262	406	364	106	174	367
Lobsters	835	99	98	122	68	91	111	61	93	120
Mahimahi (dolphin)	2,564	3,188	2,262	2,630	2,940	4,909	3,597	3,640	3,482	3,182
Marlin	2,314	2,235	2,139	2,010	1,986	2,472	2,512	2,558	2,028	2,072
Moonfish (Opah)	1,297	1,100	999	1,219	1,509	1,343	1,897	1,873	2,170	2,197
Pomfret	432	499	386	675	777	1,316	1,440	1,311	1,460	1,665
Scad	1,971	1,441	882	1,067	1,105	944	839	1,020	1,099	896
Snappers	2,151	2,414	1,965	2,009	2,035	2,201	2,005	1,756	1,680	1,710
Swordfish	14,244	12,280	1,354	1,371	691	1,225	7,768	5,125	7,726	7,176
Tunas	32,858	41,215	34,491	37,598	37,381	38,484	46,071	44,085	51,148	60,874
Wahoo	1,695	1,663	1,657	1,452	1,919	2,201	2,253	2,329	2,087	2,235

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

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total Landings	28,989	28,622	23,484	23,968	23,740	24,456	28,140	25,659	28,938	30,682
Finfish & Other	28,831	28,594	23,460	23,937	23,711	24,426	28,113	25,644	28,916	30,653
Shellfish	157	28	24	31	28	31	26	15	22	29
Lobsters	73	8	8	10	6	8	10	6	8	10
Mahimahi (dolphin)	1,135	1,528	1,245	1,376	1,326	2,225	1,440	1,342	1,388	1,252
Marlin	1,892	1,582	2,220	1,497	2,337	1,844	2,190	2,389	1,376	1,951
Moonfish (Opah)	1,105	687	765	912	1,095	786	1,086	1,071	1,226	1,313
Pomfret	313	277	272	490	459	766	646	576	593	672
Scad	1,258	874	505	571	630	478	398	442	463	320
Snappers	588	600	526	499	501	508	436	377	376	376
Swordfish	5,629	6,368	559	703	306	520	3,439	2,514	3,643	3,835
Tunas	14,740	15,015	15,288	15,871	14,421	14,965	16,118	14,631	17,589	18,303
Wahoo	844	654	906	660	990	852	818	891	715	853

Average Annual Price for Key Species / Species Groups

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Lobsters	11.51	12.14	12.61	12.66	11.88	11.08	10.99	9.66	11.84	12.14
Mahimahi (dolphin)	2.26	2.09	1.82	1.91	2.22	2.21	2.50	2.71	2.51	2.54
Marlin	1.22	1.41	0.96	1.34	0.85	1.34	1.15	1.07	1.47	1.06
Moonfish (Opah)	1.17	1.60	1.31	1.34	1.38	1.71	1.75	1.75	1.77	1.67
Pomfret	1.38	1.80	1.42	1.38	1.69	1.72	2.23	2.28	2.46	2.48
Scad	1.57	1.65	1.75	1.87	1.75	1.97	2.11	2.30	2.37	2.80
Snappers	3.65	4.02	3.73	4.02	4.06	4.33	4.59	4.64	4.44	4.54
Swordfish	2.53	1.93	2.42	1.95	2.26	2.36	2.26	2.04	2.12	1.87
Tunas	2.23	2.74	2.26	2.37	2.59	2.57	2.86	3.01	2.91	3.33
Wahoo	2.01	2.54	1.83	2.20	1.94	2.58	2.75	2.61	2.92	2.62

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

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
For-Hire	108	10,343	5,687
Private Boat	444	46,882	23,973
Shore	1,174	100,306	52,953
Total Durable Equipment Impacts	3,897	452,901	219,333
Total State Trip and Durable Equipment Economic Impacts	5,623	610,433	301,946

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

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
For-Hire	7,479	32	Fishing Tackle	183,556
Private Boat	591	39,333	Other Equipment	81,734
Shore	2,029	85,336	Boat Expenses	58,867
Total Trip Expenditures	10,099	124,701	Vehicle Expenses	99,606
			Second Home Expenses	29,912
			Total Durable Equipment Expenditures	453,674
Total State Trip and Durable Equipment Expenditures				588,474

Recreational Anglers by Residential Area (thousands of anglers)²

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Coastal					261	223	204	173	170	192
Non-Coastal					NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹
Out of State					180	183	166	224	146	137
Total Anglers					440	407	370	396	317	329

Recreational Fishing Effort by Mode (thousands of trips)²

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Private Boat					509	709	578	570	475	564
Shore					1,893	2,162	1,892	2,074	2,102	1,966
Total Trips					2,402	2,871	2,470	2,644	2,577	2,530

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)³

Species/Groups		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Barracuda (Smallmouth Bonefish)	H					25	61	25	63	20	50
	R					4	9	12	2	13	4
Dolphinfish (Mahimahi)	H					109	225	178	219	136	184
	R					1	(1)	1	(1)	(1)	(1)
Goatfishes ⁴	H					794	715	447	813	298	468
	R					10	17	8	16	9	6
Jacks (Trevallys & Other Jacks ⁵)	H					125	331	257	210	169	277
	R					171	146	182	210	130	120
Marlin, Blue	H					4	5	19	3	2	11
	R					(1)	(1)	(1)	(1)	1	(1)
Scad, Bigeye & Mackerel ⁶	H					1,951	179	726	812	1,089	402
	R					2	(1)	14	(1)	(1)	(1)
Snappers ⁷	H					233	236	223	177	104	138
	R					16	19	57	36	40	7
Tuna, Skipjack	H					440	420	302	201	228	568
	R					1	6	1	1	5	2
Tuna, Yellowfin	H					184	268	231	124	273	461
	R					5	(1)	9	1	2	(1)
Wahoo	H					105	97	54	62	57	78
	R					(1)	(1)	(1)	(1)	1	(1)

¹All Hawai'i residents are considered coastal county residents thus this category is not applicable (NA).

²Participation (number of anglers), effort (number of trips), and catch (number of fish harvested or released) data were not available for 1998-2002.

³In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

⁴Goatfishes include yellowstripe, yellowfin, pflugers, bandtail, doublebar, sidespot, whitesaddle, manybar, blue, and "Goatfish family/genus."

⁵Trevallys & Other Jacks includes bluefin trevally, giant trevally, bigeye trevally, black trevally, African pompano, greater amberjack, island jack, and other species in the jack family.

⁶Scad (Jacks) includes bigeye scad and mackerel scad.

⁷Snappers include bluestip, blacktail, ruby, longtailed, pink, VonSiebolds, Bingham's, green jobfish, ironjaw, and smalltooth jobfish.

Hawai'i's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions) ¹	Gross State Product (\$ millions)	Commercial Location Quotient ²
1998	29,603 (0.4%)	416,571 (0.4%)	11,292 (0.3%)	24,568 (0.4%)	37,549 (0.4%)	7.26 ³
2007	33,388 (0.4%)	519,060 (0.4%)	18,306 (0.4%)	36,563 (0.5%)	62,019 (0.5%)	4.61 (2006)
% change	12.8%	24.6%	62.1%	48.8%	65.1%	-37.3%

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

		1999	2000	2001	2002	2003	2004	2005	2006	2007
Seafood product preparation & packaging	Firms	8	3	7	7	9	11	5	11	10
	Receipts	160	44	231	1,566	1,034	1,309	409	1,011	1,023
Seafood Sales, retail	Firms	29	23	34	0	36	33	29	31	41
	Receipts	2,829	3,670	2,497	ND	4,753	2,875	3,487	3,627	4,353

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

		1999	2000	2001	2002	2003	2004	2005	2006	2007
Seafood product preparation & packaging	Establishments	3	3	3	4	4	4	3	3	1
	Employees	ND ⁴	ND	ND	86	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	2,584	ND	ND	ND	ND	ND
Seafood sales, wholesale	Establishments	50	49	51	44	33	36	32	33	36
	Employees	493	510	812	525	654	404	485	462	550
	Payroll	16,186	17,805	17,656	15,203	12,653	13,949	15,163	16,786	18,932
Seafood sales, retail	Establishments	21	23	27	29	31	31	29	27	25
	Employees	181	183	235	229	317	321	326	315	393
	Payroll	3,063	2,969	3,773	3,737	5,187	5,038	5,007	5,564	7,209

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

		1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal & Great Lakes freight transportation	Establishments	13	13	11	11	10	11	13	13	11
	Employees	ND	507	463	ND	ND	ND	ND	543	557
	Payroll	ND	30,087	25,782	ND	ND	ND	ND	36,941	36,635
Deep sea freight transportation	Establishments	2	2	2	2	1	NA ⁵	NA	NA	NA
	Employees	ND	ND	ND	ND	ND	NA	NA	NA	NA
	Payroll	ND	ND	ND	ND	ND	NA	NA	NA	NA
Deep sea passenger transportation	Establishments	2	2	1	1	1	1	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	6	10	7	8	11	11	10	9	11
	Employees	76	ND	ND	56	177	178	181	152	167
	Payroll	1,257	ND	ND	1,414	3,285	3,439	3,354	3,719	4,151
Marine cargo handling	Establishments	7	7	6	7	8	8	8	7	8
	Employees	673	663	426	756	ND	ND	694	ND	1,048
	Payroll	32,743	37,306	24,920	49,975	ND	ND	53,061	ND	87,770
Navigational services to shipping	Establishments	6	6	5	7	7	6	6	6	8
	Employees	126	63	103	ND	ND	ND	ND	ND	ND
	Payroll	6,601	2,637	5,926	ND	ND	ND	ND	ND	3,340
Port & harbor operations	Establishments	2	2	2	2	2	2	2	2	2
	Employees	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Payroll	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ship & boat building	Establishments	19	17	17	16	14	17	16	14	13
	Employees	ND	ND	ND	ND	480	589	ND	545	ND
	Payroll	ND	ND	ND	ND	22,053	20,908	ND	23,134	ND

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

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

³CFLQ for 2001 was not available; 2002 data were used here.

⁴ND = Data are suppressed due to confidentiality restrictions.

⁵NA = Data are not available.