

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

	Jobs	Sales	Income	Value Added
<b>Total Impacts</b>	7,270	628,717	184,375	273,116
Commercial Harvesters	2,468	124,013	45,260	65,052
Seafood Processors & Dealers	436	38,162	15,106	19,483
Importers	1,009	277,463	44,469	84,583
Seafood Wholesalers & Distributors	426	40,526	14,214	18,908
Retail	2,932	148,553	65,326	85,090

**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>	68,206	48,080	52,384	52,755	57,679	71,040	66,120	75,705	85,120	71,168
Finfish & other	67,843	47,839	52,078	52,493	57,274	70,677	66,013	75,531	84,753	70,985
Shellfish	363	241	306	262	406	364	106	174	367	183
Lobsters	99	98	122	68	91	111	61	93	120	136
Mahimahi (dolphin)	3,188	2,262	2,630	2,940	4,909	3,597	3,640	3,482	3,182	2,850
Marlin	2,235	2,139	2,010	1,986	2,472	2,512	2,558	2,028	2,072	2,141
Moonfish (opah)	1,100	999	1,219	1,509	1,343	1,897	1,873	2,170	2,197	2,408
Pomfret	499	386	675	777	1,316	1,440	1,311	1,460	1,665	1,379
Scad	1,441	882	1,067	1,105	944	839	1,020	1,099	896	555
Snappers	2,414	1,965	2,009	2,035	2,201	2,005	1,756	1,680	1,710	1,844
Swordfish	12,280	1,354	1,371	691	1,225	7,768	5,125	7,726	7,176	7,334
Tunas	41,215	34,491	37,598	37,381	38,484	46,071	44,085	51,148	60,874	47,674
Wahoo	1,663	1,657	1,452	1,919	2,201	2,253	2,329	2,087	2,235	1,672

**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>	28,622	23,484	23,968	23,740	24,456	28,140	25,659	28,938	30,682	26,906
Finfish & other	28,594	23,460	23,937	23,711	24,426	28,113	25,644	28,916	30,653	26,884
Shellfish	28	24	31	28	31	26	15	22	29	22
Lobsters	8	8	10	6	8	10	6	8	10	11
Mahimahi (dolphin)	1,528	1,245	1,376	1,326	2,225	1,440	1,342	1,388	1,252	1,287
Marlin	1,582	2,220	1,497	2,337	1,844	2,190	2,389	1,376	1,951	1,678
Moonfish (opah)	687	765	912	1,095	786	1,086	1,071	1,226	1,313	1,884
Pomfret	277	272	490	459	766	646	576	593	672	627
Scad	874	505	571	630	478	398	442	463	320	205
Snappers	600	526	499	501	508	436	377	376	376	386
Swordfish	6,368	559	703	306	520	3,439	2,514	3,643	3,835	3,881
Tunas	15,015	15,288	15,871	14,421	14,965	16,118	14,631	17,589	18,303	14,589
Wahoo	654	906	660	990	852	818	891	715	853	605

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Lobsters	12.14	12.61	12.66	11.88	11.08	10.99	9.66	11.84	12.14	12.37
Mahimahi (dolphin)	2.09	1.82	1.91	2.22	2.21	2.50	2.71	2.51	2.54	2.21
Marlin	1.41	0.96	1.34	0.85	1.34	1.15	1.07	1.47	1.06	1.28
Moonfish (opah)	1.60	1.31	1.34	1.38	1.71	1.75	1.75	1.77	1.67	1.28
Pomfret	1.80	1.42	1.38	1.69	1.72	2.23	2.28	2.46	2.48	2.20
Scad	1.65	1.75	1.87	1.75	1.97	2.11	2.30	2.37	2.80	2.71
Snappers	4.02	3.73	4.02	4.06	4.33	4.59	4.64	4.44	4.54	4.78
Swordfish	1.93	2.42	1.95	2.26	2.36	2.26	2.04	2.12	1.87	1.89
Tunas	2.74	2.26	2.37	2.59	2.57	2.86	3.01	2.91	3.33	3.27
Wahoo	2.54	1.83	2.20	1.94	2.58	2.75	2.61	2.92	2.62	2.76

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

	Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode:				
For-Hire	107	10,305	3,336	5,666
Private Boat	353	37,213	11,191	19,029
Shore	1,019	87,097	28,665	45,979
Total Durable Equipment Impacts	2,807	326,193	107,703	157,970
<b>Total State Trip and Durable Equipment Economic Impacts</b>	<b>4,286</b>	<b>460,808</b>	<b>150,893</b>	<b>228,644</b>

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

Fishing Mode	Trip Expenditures		Equipment	Durable Expenditures
	Non-Residents	Residents		
For-Hire	7,451	32	Fishing Tackle	136,053
Private Boat	1,212	30,478	Other Equipment	61,844
Shore	1,073	74,787	Boat Expenses	39,391
<i>Total Trip Expenditures</i>	<i>9,736</i>	<i>105,297</i>	Vehicle Expenses	71,116
			Second Home Expenses	18,347
			<i>Total Durable Equipment Expenditures</i>	<i>326,750</i>
<b>Total State Trip and Durable Equipment Expenditures</b>				<b>441,783</b>

**Recreational Anglers by Residential Area (thousands of anglers)<sup>1</sup>**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coastal				261	223	204	173	170	192	140
Non-Coastal				NA <sup>2</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				180	183	166	224	146	137	106
<b>Total Anglers</b>				<b>440</b>	<b>407</b>	<b>370</b>	<b>396</b>	<b>317</b>	<b>329</b>	<b>246</b>

**Recreational Fishing Effort by Mode (thousands of trips)<sup>1,3</sup>**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Private				509	709	578	570	475	564	441
Shore				1,893	2,162	1,892	2,074	2,102	1,966	1,722
<b>Total Trips</b>				<b>2,402</b>	<b>2,871</b>	<b>2,470</b>	<b>2,644</b>	<b>2,577</b>	<b>2,531</b>	<b>2,163</b>

**Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)<sup>1,4</sup>**

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Blue marlin	H				4	5	19	3	2	11	3
	R				(1)	(1)	(1)	(1)	1	(1)	(1)
Dolphinfish (mahimahi)	H				109	225	178	219	136	184	103
	R				1	(1)	1	(1)	(1)	(1)	(1)
Goatfishes <sup>5</sup>	H				794	715	447	813	298	468	713
	R				10	17	8	16	9	6	7
Jacks (trevallies and other jacks) <sup>6</sup>	H				125	331	257	210	169	277	123
	R				171	146	182	210	130	120	85
Scads (bigeye and mackerel)	H				1,951	179	726	812	1,089	402	1,102
	R				2	(1)	14	(1)	(1)	(1)	(1)
Skipjack tuna	H				440	420	302	201	228	568	230
	R				1	6	1	1	5	2	(1)
Smallmouth bonefish	H				25	61	25	63	20	50	37
	R				4	9	12	2	13	4	2
Snappers <sup>7</sup>	H				233	236	223	177	104	138	147
	R				16	19	57	36	40	7	24
Wahoo	H				105	97	54	62	57	78	61
	R				(1)	(1)	(1)	(1)	1	(1)	(1)
Yellowfin funa	H				184	268	231	124	273	461	198
	R				5	(1)	9	1	2	(1)	1

<sup>1</sup>Participation (number of anglers), effort (number of trips), and catch (number of fish harvested or released) data were not available for 2000-2002<sup>2</sup>NA = not applicable because all Hawaii residents are considered coastal county residents<sup>3</sup>Effort data (number of trips) for for-hire boat trips were not available.<sup>4</sup>In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.<sup>5</sup>Goatfishes include yellowstripe, yellowfin, pfulgers, bandtail, doublebar, diespot, whitesaddle, manybar, blue, and 'Goatfish famil/genus'<sup>6</sup>Trevallies & other jacks includes bluefin trevally, giant trevally, bigeye trevally, black trevally, African pompano, greater amberjack, island jack, and other species in the jack family.<sup>7</sup>Snappers include bluestip, blacktail, ruby, longtailed, pink, VonSiebolds, Bingham, green jobfish, ironjaw, and smalltooth jobfish.

## Hawaii'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	29,853 (0.42%)	432,092 (0.38%)	12,331 (0.32%)	23,587 (0.42%)	41,372 (0.41%)	ND <sup>2</sup>
2008	32,904 (0.43%)	518,168 (0.43%)	18,539 (0.36%)	37,609 (0.46%)	66,139 (0.47%)	<sup>3</sup>
% change	10.2%	19.9%	50.3%	59.4%	59.9%	--

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Firms	3	7	7	9	11	5	11	10	9
	Receipts	44	231	1,566	1,034	1,309	409	1,011	1,023	1,020
Seafood Sales, retail	Firms	23	34	0	36	33	29	31	41	37
	Receipts	3,670	2,497	ND <sup>3</sup>	4,753	2,875	3,487	3,627	4,353	4,394

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

		2000	2001	2002	2003	2004	2005	2006	2007	2008
Seafood product prep. & packaging	Establishments	3	3	4	4	4	3	3	1	1
	Employees	ND <sup>3</sup>	ND <sup>3</sup>	86	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>
	Payroll	ND <sup>3</sup>	ND <sup>3</sup>	2,584	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>
Seafood sales, wholesale	Establishments	49	51	44	33	36	32	33	36	37
	Employees	510	812	525	654	404	485	462	550	695
	Payroll	17,805	17,656	15,203	12,653	13,949	15,163	16,786	18,932	20,665
Seafood sales, retail	Establishments	23	27	29	31	31	29	27	25	25
	Employees	183	235	229	317	321	326	315	393	173
	Payroll	2,969	3,773	3,737	5,187	5,038	5,007	5,564	7,209	3,674

## 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	13	11	11	10	11	13	13	11	5
	Employees	507	463	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	543	557	478
	Payroll	30,087	25,782	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	36,941	36,635	34,544
Deep sea freight transportation	Establishments	2	2	2	1	NA <sup>3</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	1
	Employees	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	ND <sup>3</sup>
	Payroll	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	NA <sup>4</sup>	ND <sup>3</sup>
Deep sea passenger transportation	Establishments	2	1	1	1	1	2	2	1	1
	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>	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>	ND <sup>3</sup>	ND <sup>3</sup>
Marinas	Establishments	10	7	8	11	11	10	9	11	9
	Employees	ND <sup>3</sup>	ND <sup>3</sup>	56	177	178	181	152	167	156
	Payroll	ND <sup>3</sup>	ND <sup>3</sup>	1,414	3,285	3,439	3,354	3,719	4,151	4,317
Marine cargo handling	Establishments	7	6	7	8	8	8	7	8	11
	Employees	663	426	756	ND <sup>3</sup>	ND <sup>3</sup>	694	ND <sup>3</sup>	1,048	1,098
	Payroll	37,306	24,920	49,975	ND <sup>3</sup>	ND <sup>3</sup>	53,061	ND <sup>3</sup>	87,770	89,104
Navigational services to shipping	Establishments	6	5	7	7	6	6	6	8	11
	Employees	63	103	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	105
	Payroll	2,637	5,926	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	3,340	5,846
Port & harbor operations	Establishments	2	2	2	2	2	2	2	2	4
	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>	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>	ND <sup>3</sup>	3,218
Ship & boat building	Establishments	17	17	16	14	17	16	14	13	14
	Employees	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	480	589	ND <sup>3</sup>	545	ND <sup>3</sup>	ND <sup>3</sup>
	Payroll	ND <sup>3</sup>	ND <sup>3</sup>	ND <sup>3</sup>	22,053	20,908	ND <sup>3</sup>	23,134	ND <sup>3</sup>	ND <sup>3</sup>

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