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**ECONOMIC STATUS OF THE WASHINGTON, OREGON,  
AND CALIFORNIA GROUND FISH FISHERIES**

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TABLE 1. Domestic shoreside, at-sea, and total groundfish landings (mts and revenue<sup>1</sup>) for West Coast groundfish 1984-1999.

Year	Shoreside		At-sea		Total	
	Landings (mts)	Revenue (\$1,000s)	Landings (mts)	Revenue (\$1,000s)	Landings (mts)	Revenue (\$1,000s)
1984	89,798	\$ 73,385	0	\$ 0	89,798	\$ 73,384
1985	91,111	\$ 81,571	0	\$ 0	91,111	\$ 81,571
1986	82,625	\$ 80,225	0	\$ 0	82,624	\$ 80,225
1987	92,143	\$ 98,855	0	\$ 0	92,143	\$ 98,854
1988	92,318	\$ 90,788	0	\$ 0	92,317	\$ 90,788
1989	99,484	\$ 88,101	0	\$ 0	99,484	\$ 88,101
1990	93,102	\$ 78,093	4,735	\$ 965	97,837	\$ 79,058
1991	102,144	\$ 83,641	184,150	\$ 25,542	286,294	\$ 109,183
1992	132,515	\$ 81,479	142,866	\$ 20,022	275,381	\$ 101,501
1993	116,357	\$ 71,097	95,826	\$ 8,238	212,183	\$ 79,335
1994	135,628	\$ 73,751	175,204	\$ 15,357	310,832	\$ 89,108
1995	134,448	\$ 92,235	99,803	\$ 11,022	234,251	\$ 103,257
1996	146,441	\$ 85,951	106,227	\$ 12,162	252,668	\$ 98,113
1997	143,555	\$ 82,896	143,057	\$ 19,784	286,612	\$ 102,680
1998	130,932	\$ 54,017	143,501	\$ 14,078	274,433	\$ 68,095
1999	125,792	\$ 57,316	140,565	\$ 12,254	266,357	\$ 69,570

Data Source: Data were extracted from PacFIN September 5th, 2000.

<sup>1</sup> Real values are current values adjusted to eliminate the effects of inflation. This adjustment has been made by dividing current values by the current year GDP implicit price deflator.

TABLE 2. Average annual real<sup>1</sup> ex-vessel prices<sup>2</sup> (\$/lb base=1999) paid for certain commercially important species, 1984-1999<sup>3</sup>.

Species	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Roundfish</b>																
Lingcod	\$ 0.37	\$ 0.38	\$ 0.45	\$ 0.52	\$ 0.49	\$ 0.45	\$ 0.43	\$ 0.42	\$ 0.45	\$ 0.43	\$ 0.45	\$ 0.49	\$ 0.49	\$ 0.49	\$ 0.75	\$ 0.80
Pacific Cod	\$ 0.35	\$ 0.36	\$ 0.39	\$ 0.45	\$ 0.35	\$ 0.33	\$ 0.33	\$ 0.35	\$ 0.37	\$ 0.36	\$ 0.36	\$ 0.42	\$ 0.41	\$ 0.40	\$ 0.45	\$ 0.43
Pacific Whiting	\$ 0.102	\$ 0.099	\$ 0.083	\$ 0.087	\$ 0.100	\$ 0.084	\$ 0.079	\$ 0.062	\$ 0.061	\$ 0.037	\$ 0.038	\$ 0.050	\$ 0.041	\$ 0.055	\$ 0.037	\$ 0.038
Sablefish	\$ 0.33	\$ 0.49	\$ 0.53	\$ 0.66	\$ 0.69	\$ 0.60	\$ 0.59	\$ 0.81	\$ 0.76	\$ 0.62	\$ 0.90	\$ 1.44	\$ 1.47	\$ 1.63	\$ 1.19	\$ 1.16
Total Roundfish	\$ 0.31	\$ 0.40	\$ 0.44	\$ 0.50	\$ 0.45	\$ 0.39	\$ 0.31	\$ 0.10	\$ 0.10	\$ 0.08	\$ 0.07	\$ 0.12	\$ 0.11	\$ 0.11	\$ 0.06	\$ 0.08
<b>Rockfish</b>																
Canary	\$ 0.35	\$ 0.38	\$ 0.41	\$ 0.47	\$ 0.38	\$ 0.38	\$ 0.38	\$ 0.38	\$ 0.39	\$ 0.39	\$ 0.46	\$ 0.54	\$ 0.49	\$ 0.53	\$ 0.54	\$ 0.52
Pacific Ocean Perch	\$ 0.34	\$ 0.37	\$ 0.40	\$ 0.45	\$ 0.38	\$ 0.35	\$ 0.33	\$ 0.35	\$ 0.35	\$ 0.34	\$ 0.36	\$ 0.38	\$ 0.35	\$ 0.34	\$ 0.39	\$ 0.38
Shortbelly	\$ 0.21	\$ 0.14	\$ 0.44	\$ 0.43	\$ 0.39	\$ 0.33	\$ 0.31	\$ 0.34	\$ 0.40	\$ 0.27	\$ 0.23	\$ 0.22	\$ 0.15	\$ 0.22	\$ 0.22	\$ 0.07
Widow	\$ 0.34	\$ 0.37	\$ 0.40	\$ 0.45	\$ 0.39	\$ 0.34	\$ 0.33	\$ 0.33	\$ 0.33	\$ 0.32	\$ 0.34	\$ 0.36	\$ 0.33	\$ 0.33	\$ 0.38	\$ 0.39
Thornyheads	\$ 0.37	\$ 0.37	\$ 0.40	\$ 0.45	\$ 0.47	\$ 0.47	\$ 0.47	\$ 0.53	\$ 0.53	\$ 0.52	\$ 0.79	\$ 1.07	\$ 0.91	\$ 0.81	\$ 0.73	\$ 0.87
<b>Other Rockfish</b>																
Bocaccio	\$ 0.39	\$ 0.43	\$ 0.48	\$ 0.52	\$ 0.50	\$ 0.44	\$ 0.43	\$ 0.41	\$ 0.46	\$ 0.47	\$ 0.46	\$ 0.45	\$ 0.43	\$ 0.43	\$ 0.50	\$ 0.55
Chilipepper	\$ 0.38	\$ 0.45	\$ 0.46	\$ 0.49	\$ 0.46	\$ 0.45	\$ 0.42	\$ 0.43	\$ 0.44	\$ 0.50	\$ 0.45	\$ 0.45	\$ 0.42	\$ 0.41	\$ 0.43	\$ 0.47
Yellowtail	\$ 0.34	\$ 0.37	\$ 0.41	\$ 0.46	\$ 0.38	\$ 0.37	\$ 0.37	\$ 0.38	\$ 0.38	\$ 0.37	\$ 0.38	\$ 0.40	\$ 0.36	\$ 0.40	\$ 0.40	\$ 0.38
Remaining Rockfish	\$ 0.44	\$ 0.46	\$ 0.53	\$ 0.55	\$ 0.50	\$ 0.48	\$ 0.49	\$ 0.51	\$ 0.54	\$ 0.49	\$ 0.56	\$ 0.62	\$ 0.59	\$ 0.57	\$ 0.55	\$ 0.90
Unspecified Rockfish	\$ 0.40	\$ 0.48	\$ 0.49	\$ 0.52	\$ 0.43	\$ 0.47	\$ 0.51	\$ 0.50	\$ 0.41	\$ 0.43	\$ 0.47	\$ 0.50	\$ 0.58	\$ 0.54	\$ 0.54	\$ 0.59
Total Rockfish	\$ 0.38	\$ 0.41	\$ 0.45	\$ 0.48	\$ 0.43	\$ 0.41	\$ 0.42	\$ 0.44	\$ 0.44	\$ 0.43	\$ 0.52	\$ 0.61	\$ 0.54	\$ 0.52	\$ 0.51	\$ 0.57
<b>Flatfish</b>																
Arrowtooth Flounder	\$ 0.15	\$ 0.14	\$ 0.15	\$ 0.20	\$ 0.16	\$ 0.13	\$ 0.13	\$ 0.14	\$ 0.12	\$ 0.11	\$ 0.11	\$ 0.12	\$ 0.11	\$ 0.10	\$ 0.10	\$ 0.10
Dover Sole	\$ 0.35	\$ 0.35	\$ 0.37	\$ 0.42	\$ 0.41	\$ 0.35	\$ 0.33	\$ 0.35	\$ 0.32	\$ 0.30	\$ 0.32	\$ 0.35	\$ 0.32	\$ 0.30	\$ 0.35	\$ 0.33
English Sole	\$ 0.48	\$ 0.48	\$ 0.51	\$ 0.55	\$ 0.52	\$ 0.47	\$ 0.40	\$ 0.41	\$ 0.38	\$ 0.36	\$ 0.37	\$ 0.39	\$ 0.38	\$ 0.33	\$ 0.36	\$ 0.34
Petrale Sole	\$ 1.07	\$ 1.07	\$ 1.10	\$ 1.12	\$ 1.09	\$ 1.04	\$ 1.01	\$ 0.97	\$ 0.92	\$ 0.88	\$ 0.91	\$ 1.01	\$ 0.96	\$ 0.93	\$ 0.96	\$ 0.95
Other Flatfish	\$ 0.56	\$ 0.54	\$ 0.59	\$ 0.61	\$ 0.55	\$ 0.50	\$ 0.46	\$ 0.45	\$ 0.45	\$ 0.46	\$ 0.42	\$ 0.40	\$ 0.40	\$ 0.36	\$ 0.36	\$ 0.35
Total Flatfish	\$ 0.41	\$ 0.41	\$ 0.43	\$ 0.48	\$ 0.46	\$ 0.40	\$ 0.35	\$ 0.37	\$ 0.35	\$ 0.34	\$ 0.35	\$ 0.39	\$ 0.37	\$ 0.35	\$ 0.36	\$ 0.32
<b>Other Fish</b>	\$ 0.42	\$ 0.35	\$ 0.49	\$ 0.47	\$ 0.40	\$ 0.36	\$ 0.25	\$ 0.23	\$ 0.18	\$ 0.16	\$ 0.16	\$ 0.18	\$ 0.17	\$ 0.17	\$ 0.18	\$ 0.15
<b>Grand Total</b>	\$ 0.37	\$ 0.41	\$ 0.44	\$ 0.49	\$ 0.45	\$ 0.40	\$ 0.37	\$ 0.17	\$ 0.17	\$ 0.17	\$ 0.13	\$ 0.20	\$ 0.18	\$ 0.16	\$ 0.11	\$ 0.12

Data Source: Data were extracted from PacFIN September 5th, 2000.

<sup>1</sup> Real values are current values adjusted to eliminate the effects of inflation. This adjustment has been made by dividing current values by the current year GDP implicit price deflator, with a base year of 1999.

<sup>2</sup> Exvessel prices for the at-sea component of landings have been estimated.

<sup>3</sup> This report includes only data for PFMC Areas: Vancouver, Columbia, Eureka, Monterey, and Conception

Table 3. Washington, Oregon, and California shoreside commercial groundfish landings<sup>1</sup> (mt) and real<sup>2</sup> exvessel value (thousands of 1999 dollars) 1984-1999.

Year	California		Oregon		Washington	
	mt	\$	mt	\$	mt	\$
1984	40,694	\$34,701	28,209	\$23,009	20,895	\$15,675
1985	42,964	\$38,497	29,023	\$24,936	19,124	\$18,138
1986	41,715	\$41,057	24,931	\$23,910	15,979	\$15,258
1987	41,436	\$42,558	30,540	\$33,364	20,167	\$22,933
1988	39,822	\$38,052	32,116	\$31,839	20,380	\$20,897
1989	42,590	\$38,489	36,836	\$32,230	20,058	\$17,382
1990	39,234	\$35,556	35,506	\$28,451	18,362	\$14,086
1991	35,827	\$32,056	49,314	\$34,995	17,003	\$16,590
1992	34,834	\$32,801	81,916	\$35,584	15,765	\$13,094
1993	28,091	\$26,503	71,193	\$32,386	17,073	\$12,208
1994	24,791	\$26,883	94,105	\$35,583	16,732	\$11,335
1995	28,723	\$36,639	91,764	\$40,323	13,961	\$15,273
1996	28,780	\$35,681	96,381	\$35,883	21,280	\$14,387
1997	30,545	\$33,055	96,756	\$35,039	16,254	\$14,802
1998	23,471	\$22,649	89,984	\$23,150	17,477	\$8,218
1999	15,446	\$19,680	92,681	\$27,696	17,665	\$9,940

Data Source: Data were extracted from PacFIN September 5th, 2000.

<sup>1</sup> This report includes only data for PacFIN Areas: Vancouver, Columbia, Eureka, Monterey, and Conception

<sup>2</sup> Real values are current values adjusted to eliminate the effects of inflation. This adjustment has been made by dividing current values by the current year GDP implicit price deflator, with a base year of 1999.

TABLE 4. Change in the commercial shoreside landings<sup>1</sup> (mt) of selected groundfish species by state 1998-1999.

Species	California			Oregon			Washington			Coastwide		
	1998	1999	% CHG	1998	1999	% CHG	1998	1999	% CHG	1998	1999	% CHG
<b>Roundfish</b>												
Lingcod	150	142	-5%	161	174	8%	38	42	11%	349	358	3%
Pacific Cod	0	0	0%	79	38	-52%	326	242	-26%	405	280	-31%
Pacific Whiting	5,728	1,308	-77%	71,620	72,954	2%	10,513	9,099	-13%	87,861	83,361	-5%
Sablefish	1,442	1,974	37%	1,750	2,971	70%	1,180	1,700	44%	4,372	6,645	52%
Total Roundfish	7,485	3,584	-52%	73,637	76,164	3%	12,056	11,083	-8%	93,178	90,831	-3%
<b>Rockfish</b>												
Canary	194	95	-51%	812	424	-48%	176	123	-30%	1,182	642	-46%
Pacific Ocean Perch	20	12	-40%	428	325	-24%	170	151	-11%	618	488	-21%
Shortbelly	19	8	-58%	2	0	-100%			0%	21	8	0%
Widow	905	629	-30%	2,377	2,761	16%	532	514	-3%	3,814	3,904	2%
Thornyheads	1,890	1,494	-21%	1,459	1,062	-27%	162	88	-46%	3,511	2,644	-25%
<b>Other Rockfish</b>												
Bocaccio	148	72	-51%	13	16	23%	37	10	-73%	198	98	-51%
Chilipepper	1,417	917	-35%	19	2	-89%	0	0	0%	1,436	919	0%
Yellowtail	445	104	-77%	1,725	1,622	-6%	593	563	-5%	2,763	2,289	-17%
Remaining Rockfish	3,663	975	-73%	1,114	714	-36%	244	115	-53%	5,021	1,804	-64%
Unspecified Rockfish	143	120	-16%	633	305	-52%	345	253	-27%	1,121	678	-40%
Total Rockfish	8,846	4,426	-50%	8,581	7,232	-16%	2,260	1,818	-20%	19,687	13,476	-32%
<b>Flatfish</b>												
Arrowtooth Flounder	37	43	16%	1,591	2,278	43%	1,541	2,964	92%	3,169	5,285	67%
Dover Sole	3,572	3,817	7%	3,806	4,513	19%	626	805	29%	8,004	9,135	14%
English Sole	427	385	-10%	475	349	-27%	229	178	-22%	1,131	912	-19%
Petrals Sole	473	566	20%	682	674	-1%	304	257	-15%	1,459	1,497	3%
Other Flatfish	1,069	1,325	24%	538	667	24%	92	33	-64%	1,699	2,025	19%
Total Flatfish	5,577	6,136	10%	7,092	8,481	20%	2,792	4,238	52%	15,461	18,855	22%
<b>Other Fish</b>	1,563	6,136	293%	674	804	19%	370	527	42%	2,607	7,467	186%
<b>Grand Total</b>	23,471	15,446	-34%	89,984	92,681	3%	17,477	17,665	1%	130,932	125,792	-4%

Data Source: Data were extracted from PacFIN September 5th, 2000.

<sup>1</sup> Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not in the EEZ off Washington, Oregon, or California

TABLE 5. Change in the value of commercial shoreside landings<sup>1</sup> (thousands of dollars) of selected groundfish species by state 1998-1999.

Species	California			Oregon			Washington			Coastwide		
	1998	1999	% CHG	1998	1999	% CHG	1998	1999	% CHG	1998	1999	% CHG
<b>Roundfish</b>												
Lingcod	\$ 277	\$ 283	2%	\$ 256	\$ 290	13%	\$ 47	\$ 53	13%	\$ 580	\$ 626	8%
Pacific Cod	\$ 0	\$ 0	0%	\$ 84	\$ 37	-56%	\$ 313	\$ 226	-28%	\$ 397	\$ 263	-34%
Pacific Whiting	\$ 401	\$ 116	-71%	\$ 3,820	\$ 5,913	55%	\$ 628	\$ 800	27%	\$ 4,849	\$ 6,829	41%
Sablefish	\$ 3,424	\$ 4,303	26%	\$ 4,680	\$ 7,695	64%	\$ 3,393	\$ 5,059	49%	\$ 11,497	\$ 17,057	48%
Total Roundfish	\$ 5,370	\$ 6,055	13%	\$ 8,907	\$ 14,033	58%	\$ 4,381	\$ 6,138	40%	\$ 18,658	\$ 26,226	41%
<b>Rockfish</b>												
Canary	\$ 272	\$ 112	-59%	\$ 984	\$ 518	-47%	\$ 159	\$ 105	-34%	\$ 1,415	\$ 735	-48%
Pacific Ocean Perch	\$ 17	\$ 10	-41%	\$ 369	\$ 272	-26%	\$ 146	\$ 129	-12%	\$ 532	\$ 411	-23%
Shortbelly	\$ 9	\$ 1	-89%	\$ 1	\$ 0	-100%			0%	\$ 10	\$ 1	0%
Widow	\$ 836	\$ 598	-28%	\$ 1,933	\$ 2,328	20%	\$ 409	\$ 429	5%	\$ 3,178	\$ 3,355	6%
Thornyheads	\$ 3,315	\$ 3,135	-5%	\$ 2,112	\$ 1,794	-15%	\$ 239	\$ 150	-37%	\$ 5,666	\$ 5,079	-10%
<b>Other Rockfish</b>												
Bocaccio	\$ 170	\$ 86	-49%	\$ 16	\$ 27	69%	\$ 31	\$ 9	-71%	\$ 217	\$ 122	-44%
Chilipepper	\$ 1,337	\$ 940	-30%	\$ 13	\$ 2	-85%	\$ 0	\$ 0	0%	\$ 1,350	\$ 942	0%
Yellowtail	\$ 509	\$ 126	-75%	\$ 1,450	\$ 1,378	-5%	\$ 446	\$ 448	0%	\$ 2,405	\$ 1,952	-19%
Remaining Rockfish	\$ 4,880	\$ 2,557	-48%	\$ 973	\$ 932	-4%	\$ 207	\$ 98	-53%	\$ 6,060	\$ 3,587	-41%
Unspecified Rockfish	\$ 281	\$ 240	-15%	\$ 675	\$ 320	-53%	\$ 374	\$ 319	-15%	\$ 1,330	\$ 879	-34%
Total Rockfish	\$ 11,625	\$ 7,804	-33%	\$ 8,526	\$ 7,571	-11%	\$ 2,011	\$ 1,687	-16%	\$ 22,162	\$ 17,062	-23%
<b>Flatfish</b>												
Arrowtooth Flounder	\$ 10	\$ 10	0%	\$ 363	\$ 483	33%	\$ 354	\$ 654	85%	\$ 727	\$ 1,147	58%
Dover Sole	\$ 2,705	\$ 2,787	3%	\$ 2,932	\$ 3,258	11%	\$ 475	\$ 578	22%	\$ 6,112	\$ 6,623	8%
English Sole	\$ 350	\$ 293	-16%	\$ 359	\$ 241	-33%	\$ 178	\$ 140	-21%	\$ 887	\$ 674	-24%
Petrals Sole	\$ 1,011	\$ 1,166	15%	\$ 1,446	\$ 1,419	-2%	\$ 633	\$ 552	-13%	\$ 3,090	\$ 3,137	2%
Other Flatfish	\$ 877	\$ 1,045	19%	\$ 406	\$ 501	23%	\$ 72	\$ 26	-64%	\$ 1,355	\$ 1,572	16%
Total Flatfish	\$ 4,954	\$ 5,302	7%	\$ 5,505	\$ 5,902	7%	\$ 1,711	\$ 1,950	14%	\$ 12,170	\$ 13,154	8%
<b>Other Fish</b>	\$ 700	\$ 519	-26%	\$ 212	\$ 190	-10%	\$ 114	\$ 165	45%	\$ 1,026	\$ 874	-15%
<b>Grand Total</b>	\$ 22,649	\$ 19,680	-13%	\$ 23,150	\$ 27,696	20%	\$ 8,218	\$ 9,940	21%	\$ 54,017	\$ 57,316	6%

Data Source: Data were extracted from PacFIN September 5th, 2000.

<sup>1</sup> Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not in the EEZ off Washington, Oregon, or California

Table 6. Real ex-vessel value (base=1999) of Pacific coast commercial fish landings<sup>1</sup> for various species groups and their percentage contribution to the total ex-vessel value of all Pacific coast commercial fish landings, 1984-1999

	Year	Groundfish	Salmon	Tuna	Crab	Coastal Pelagics <sup>2</sup>	Shrimp	Other	Total Value
<b>Ex-vessel value</b>	<b>1984</b>	\$ 72,806,458	\$ 15,245,648	\$ 121,425,960	\$ 35,039,295	\$ 19,816,696	\$ 8,162,416	\$ 45,200,562	\$ 317,697,037
	<b>1985</b>	\$ 81,333,623	\$ 28,761,162	\$ 38,728,432	\$ 38,000,918	\$ 27,381,600	\$ 15,742,873	\$ 49,795,530	\$ 279,744,140
	<b>1986</b>	\$ 79,853,867	\$ 34,457,922	\$ 40,014,976	\$ 34,832,509	\$ 27,571,716	\$ 45,941,952	\$ 50,410,735	\$ 313,083,678
	<b>1987</b>	\$ 98,015,743	\$ 61,389,242	\$ 49,891,119	\$ 37,582,334	\$ 28,596,404	\$ 65,612,021	\$ 50,869,478	\$ 391,956,341
	<b>1988</b>	\$ 90,607,212	\$ 87,663,972	\$ 62,457,315	\$ 59,455,479	\$ 33,637,321	\$ 41,403,009	\$ 55,843,052	\$ 431,067,358
	<b>1989</b>	\$ 87,638,436	\$ 32,187,990	\$ 34,479,063	\$ 52,560,170	\$ 28,427,892	\$ 38,741,348	\$ 59,752,849	\$ 333,787,747
	<b>1990</b>	\$ 77,458,880	\$ 24,961,992	\$ 18,711,663	\$ 58,000,514	\$ 27,298,330	\$ 35,779,766	\$ 59,991,477	\$ 302,202,620
	<b>1991</b>	\$ 82,576,323	\$ 15,727,743	\$ 10,669,228	\$ 27,245,454	\$ 27,137,489	\$ 30,876,219	\$ 67,005,376	\$ 261,237,832
	<b>1992</b>	\$ 80,407,961	\$ 9,741,828	\$ 20,354,071	\$ 46,229,999	\$ 21,190,654	\$ 34,342,513	\$ 60,100,399	\$ 272,367,425
	<b>1993</b>	\$ 70,301,688	\$ 9,156,730	\$ 23,898,319	\$ 48,901,104	\$ 18,625,092	\$ 21,942,704	\$ 57,432,593	\$ 250,258,226
	<b>1994</b>	\$ 72,926,412	\$ 7,788,744	\$ 29,564,335	\$ 58,262,295	\$ 27,444,905	\$ 25,564,846	\$ 53,594,661	\$ 275,146,197
	<b>1995</b>	\$ 88,711,535	\$ 16,137,292	\$ 21,028,598	\$ 68,462,859	\$ 40,411,972	\$ 23,844,006	\$ 46,817,191	\$ 305,413,454
	<b>1996</b>	\$ 82,122,292	\$ 9,492,588	\$ 40,291,534	\$ 77,594,242	\$ 50,027,552	\$ 25,012,197	\$ 41,221,764	\$ 325,762,169
	<b>1997</b>	\$ 78,288,881	\$ 10,194,422	\$ 33,972,699	\$ 52,766,788	\$ 46,568,372	\$ 23,540,509	\$ 37,986,171	\$ 283,317,843
	<b>1998</b>	\$ 52,115,441	\$ 5,567,827	\$ 33,574,737	\$ 47,438,316	\$ 10,243,676	\$ 13,936,399	\$ 25,838,460	\$ 188,714,857
<b>1999</b>	\$ 54,497,995	\$ 9,213,264	\$ 23,289,708	\$ 66,116,411	\$ 44,851,827	\$ 20,033,786	\$ 32,644,465	\$ 250,647,456	
<b>Percentage of total</b>									
	<b>1984</b>	23%	5%	38%	11%	6%	3%	14%	\$ 317,697,037
	<b>1985</b>	29%	10%	14%	14%	10%	6%	18%	\$ 279,744,140
	<b>1986</b>	26%	11%	13%	11%	9%	15%	16%	\$ 313,083,678
	<b>1987</b>	25%	16%	13%	10%	7%	17%	13%	\$ 391,956,341
	<b>1988</b>	21%	20%	14%	14%	8%	10%	13%	\$ 431,067,358
	<b>1989</b>	26%	10%	10%	16%	9%	12%	18%	\$ 333,787,747
	<b>1990</b>	26%	8%	6%	19%	9%	12%	20%	\$ 302,202,620
	<b>1991</b>	32%	6%	4%	10%	10%	12%	26%	\$ 261,237,832
	<b>1992</b>	30%	4%	7%	17%	8%	13%	22%	\$ 272,367,425
	<b>1993</b>	28%	4%	10%	20%	7%	9%	23%	\$ 250,258,226
	<b>1994</b>	27%	3%	11%	21%	10%	9%	19%	\$ 275,146,197
	<b>1995</b>	29%	5%	7%	22%	13%	8%	15%	\$ 305,413,454
	<b>1996</b>	25%	3%	12%	24%	15%	8%	13%	\$ 325,762,169
	<b>1997</b>	28%	4%	12%	19%	16%	8%	13%	\$ 283,317,843
	<b>1998</b>	28%	3%	18%	25%	5%	7%	14%	\$ 188,714,857
	<b>1999</b>	22%	4%	9%	26%	18%	8%	13%	\$ 250,647,456

<sup>1</sup> Does not include landings of fish caught in Puget Sound, Alaska, Mexico, or other waters not in the EEZ of Washington, Oregon, or California.

<sup>2</sup> Coastal Pelagics include chub, jack and other mackerel; northern and other anchovy; market squid; Pacific and round herring; and Pacific bonito.

Table 7. Landings<sup>1</sup> (mts) and real<sup>2</sup> ex-vessel value (thousands of 1999 dollars) for all groundfish, all rockfish, and sablefish, stratified by gear type and percentages each gear contributed to the total landed catch and ex-vessel value for each species group.

Species Group	Gear Type	1998				1999				% change 1998-1999	
		mts	% of total	value	% of total	mts	% of total	value	% of total	mts	value
<b>All Groundfish</b>	Groundfish Trawl	123,600	96%	\$39,089,855	75%	118,038	96%	\$39,142,037	72%	- 5%	+ 0%
	Shrimp Trawl	375	0%	\$424,146	1%	416	0%	\$453,389	1%	+ 11%	+ 7%
	Hook and Line	4,135	3%	\$10,096,185	19%	3,858	3%	\$11,740,357	22%	- 7%	+ 16%
	Fish Pot	525	0%	\$1,744,892	3%	817	1%	\$2,805,829	5%	+ 56%	+ 61%
	Other Net	373	0%	\$424,804	1%	128	0%	\$172,076	0%	- 66%	- 59%
	Other	298	0%	\$335,558	1%	123	0%	\$184,307	0%	- 59%	- 45%
	<b>Total</b>	<b>129,307</b>		<b>\$52,115,441</b>		<b>123,380</b>		<b>\$54,497,995</b>		<b>- 5%</b>	<b>+ 5%</b>
<b>All Rockfish</b>	Groundfish Trawl	16,566	84%	\$15,930,532	72%	11,619	87%	\$12,073,181	71%	- 30%	- 24%
	Shrimp Trawl	252	1%	\$272,665	1%	172	1%	\$175,408	1%	- 32%	- 36%
	Hook and Line	2,358	12%	\$5,114,930	23%	1,406	11%	\$4,292,104	25%	- 40%	- 16%
	Fish Pot	41	0%	\$222,143	1%	29	0%	\$200,279	1%	- 29%	- 10%
	Other Net	307	2%	\$334,821	2%	46	0%	\$76,363	0%	- 85%	- 77%
	Other	272	1%	\$302,168	1%	79	1%	\$106,814	1%	- 71%	- 65%
	<b>Total</b>	<b>19,797</b>		<b>\$22,177,258</b>		<b>13,352</b>		<b>\$16,924,150</b>		<b>- 33%</b>	<b>- 24%</b>
<b>Sablefish Only</b>	Groundfish Trawl	2,144	55%	\$5,266,201	52%	3,122	53%	\$6,646,779	44%	+ 46%	+ 26%
	Shrimp Trawl	24	1%	\$47,203	0%	46	1%	\$88,097	1%	+ 92%	+ 87%
	Hook and Line	1,319	34%	\$3,706,547	36%	2,005	34%	\$6,037,549	40%	+ 52%	+ 63%
	Fish Pot	425	11%	\$1,135,210	11%	740	13%	\$2,176,469	15%	+ 74%	+ 92%
	Other Net	4	0%	\$8,705	0%	1	0%	\$2,926	0%	- 75%	- 66%
	Other	2	0%	\$6,124	0%	5	0%	\$11,023	0%	+ 150%	+ 80%
	<b>Total</b>	<b>3,919</b>		<b>\$10,169,991</b>		<b>5,919</b>		<b>\$14,962,845</b>		<b>+ 51%</b>	<b>+ 47%</b>

<sup>1</sup> Does not include fish landed by domestic at-sea processors or landings of fish caught in Puget Sound, Alaska, Mexico, or other waters not in the EEZ of Washington, Oregon, or California.

<sup>2</sup> Real values are current values adjusted to eliminate the effects of inflation. This adjustment has been made by dividing current values by the current year GDP implicit price deflator, with a base year of 1999

Table 8. Landings<sup>1</sup> (mts) and real ex-vessel<sup>2</sup> value (thousands of 1999 dollars) for groundfish landed to West Coast ports stratified by gear type (1984 - 1999).

Year	Groundfish Trawl		Shrimp Trawl		Hook and Line		Fish Pot		Other Net		Other		Total	
	mts	value	mts	value	mts	value	mts	value	mts	value	mts	value	mts	value
1984	76,498	\$ 58,646,105	495	\$ 370,560	2,395	\$ 3,453,294	3,856	\$ 3,354,226	2,181	\$ 2,966,182	3,989	\$ 4,016,091	89,414	\$ 72,806,458
1985	74,891	\$ 59,964,255	520	\$ 400,919	4,944	\$ 8,070,939	3,713	\$ 4,625,121	3,913	\$ 4,902,814	2,741	\$ 3,369,576	90,723	\$ 81,333,623
1986	61,540	\$ 52,897,743	1,598	\$ 1,330,634	6,226	\$ 10,101,112	2,250	\$ 3,160,432	4,162	\$ 5,056,451	6,450	\$ 7,307,493	82,227	\$ 79,853,867
1987	73,895	\$ 71,189,214	1,618	\$ 1,578,687	7,518	\$ 13,898,346	2,130	\$ 3,368,727	3,826	\$ 4,945,988	2,321	\$ 3,034,781	91,309	\$ 98,015,743
1988	73,741	\$ 65,593,352	1,310	\$ 891,603	6,317	\$ 12,350,497	2,159	\$ 3,588,939	2,876	\$ 3,615,995	5,746	\$ 4,566,825	92,149	\$ 90,607,212
1989	84,483	\$ 67,358,193	1,232	\$ 842,980	6,379	\$ 10,830,174	2,112	\$ 3,020,686	2,906	\$ 3,434,278	2,065	\$ 2,152,125	99,176	\$ 87,638,436
1990	78,651	\$ 58,106,013	965	\$ 663,922	6,163	\$ 10,564,303	1,528	\$ 2,015,120	2,862	\$ 3,453,585	2,521	\$ 2,655,936	92,690	\$ 77,458,880
1991	88,837	\$ 60,476,307	873	\$ 667,694	7,779	\$ 16,048,571	1,086	\$ 1,994,445	1,780	\$ 2,015,498	1,294	\$ 1,373,806	101,648	\$ 82,576,323
1992	118,464	\$ 59,591,374	925	\$ 715,800	8,557	\$ 15,059,177	794	\$ 1,431,527	1,710	\$ 1,892,652	1,576	\$ 1,717,430	132,026	\$ 80,407,961
1993	104,674	\$ 54,016,592	1,596	\$ 1,125,909	7,130	\$ 11,899,332	872	\$ 1,355,607	1,232	\$ 1,446,366	393	\$ 457,884	115,896	\$ 70,301,688
1994	125,512	\$ 55,574,297	885	\$ 834,323	5,988	\$ 11,614,149	1,381	\$ 3,157,908	748	\$ 887,075	648	\$ 858,662	135,160	\$ 72,926,412
1995	124,793	\$ 68,202,021	741	\$ 791,165	5,565	\$ 14,687,141	1,050	\$ 3,620,629	782	\$ 951,260	315	\$ 459,320	133,246	\$ 88,711,535
1996	135,253	\$ 60,000,003	875	\$ 872,315	6,586	\$ 17,273,691	821	\$ 3,210,229	321	\$ 432,235	267	\$ 333,819	144,122	\$ 82,122,292
1997	132,268	\$ 54,992,130	368	\$ 404,360	6,216	\$ 19,265,086	609	\$ 2,756,036	310	\$ 391,627	418	\$ 479,641	140,190	\$ 78,288,881
1998	123,600	\$ 39,089,855	375	\$ 424,146	4,135	\$ 10,096,185	525	\$ 1,744,892	373	\$ 424,804	298	\$ 335,558	129,307	\$ 52,115,441
1999	118,038	\$ 39,142,037	416	\$ 453,389	3,858	\$ 11,740,357	817	\$ 2,805,829	128	\$ 172,076	123	\$ 184,307	123,380	\$ 54,497,995

<sup>1</sup> Does not include fish landed by domestic at-sea processors or landings of fish caught in Puget Sound, Alaska, Mexico, or other waters not in the EEZ of Washington, Oregon, or California.

<sup>2</sup> Real values are current values adjusted to eliminate the effects of inflation. This adjustment has been made by dividing current values by the current year GDP implicit price deflator, with a base year of 1999

Figure 1.--Distribution of shoreside groundfish tonnage, by state, 1984-99

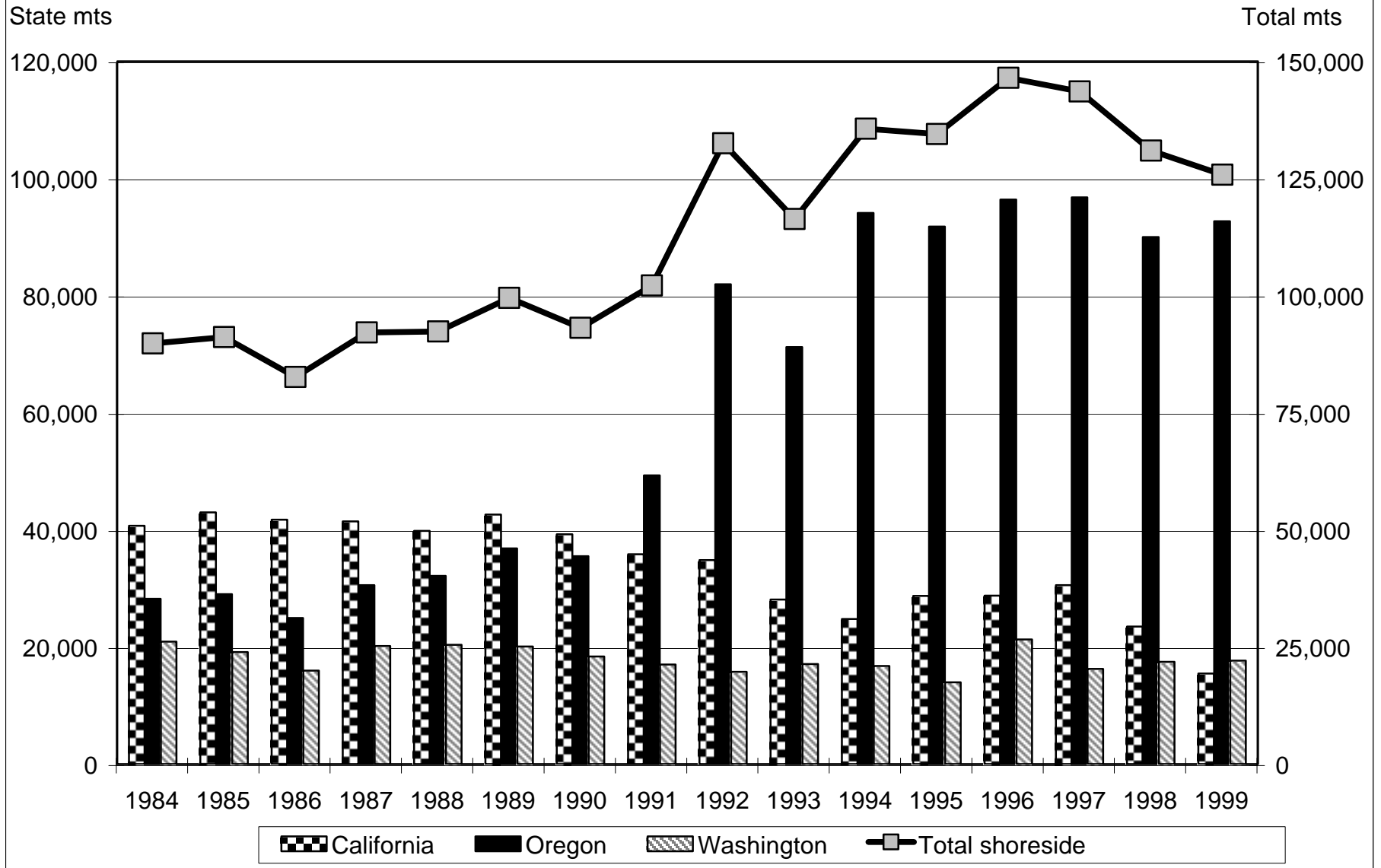


Figure 2.--Distribution of shoreside groundfish real ex-vessel revenue (\$ millions, base=1999), by state, 1984-99

