

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

Compiled by

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TABLE F-1. Quantity and exvessel value of groundfish landings in Washington, Oregon and California, including fish delivered to foreign and domestic floating processors in waters off these states, 1993-1994.<sup>a/</sup>

	1993	1994	Percent Change
Shoreside (mt)	116,235	132,569	+14.1
Domestic Floating Processor (mt)	14,508	84,959	+485.6
Domestic Catcher/Processor (mt)	81,319	73,970	-9.0
Total WOC Landings (mt)	212,062	291,498	+37.5
Shoreside Value (\$)			
Current	63,621,769	65,458,547	+2.9
Real <sup>b/</sup>	64,920,172	65,458,547	+0.8
Domestic Floating Processors (\$)			
Current	1,120,416	7,817,795	+597.8
Real	1,143,282	7,817,795	+538.8
Domestic Catcher/Processors (\$)			
Current	6,254,389	7,507,586	+20.0
Real	6,382,030	7,507,586	+17.6
Total WOC Groundfish			
Landed Value (\$)			
Current	70,996,574	80,783,928	+13.8
Real	72,445,484	80,783,928	+11.5

Sources: PacFIN data extracted September, 1995.

a/ Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not off of Washington, Oregon and California.

b/ 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 GNP implicit price deflator, with a base year of 1994. The GNP deflator is 0.98 for 1993.

TABLE F-2. Average annual exvessel prices (price per pound) paid for some commercially important species, 1993-1994.<sup>a/</sup>

	1993	1994
Sablefish		
Current	0.556	0.823
Real <sup>b/</sup>	0.568	0.823
All Rockfish		
Current	0.386	0.476
Real	0.393	0.476
Widow Rockfish		
Current	0.287	0.318
Real	0.293	0.318
Dover Sole		
Current	0.273	0.295
Real	0.278	0.295
English Sole		
Current	0.317	0.339
Real	0.324	0.339
Petrale Sole		
Current	0.785	0.832
Real	0.801	0.832
Lingcod		
Current	0.379	0.412
Real	0.387	0.412
Arrowtooth Flounder		
Current	0.098	0.098
Real	0.100	0.098
Pacific Whiting		
Current	0.034	0.039
Real	0.034	0.039
Thornyheads		
Current	0.471	0.729
Real	0.481	0.729

Sources: PacFIN data extracted September, 1995.

a/ This report includes only data for PFMC Areas: Vancouver, Columbia, Eureka, Monterey and Conception.

b/ Real prices are current prices adjusted for inflation using the GNP implicit price deflator, where 1993 = 0.98 and 1994 = 1.00.

TABLE F-3. Washington, Oregon and California shoreside commercial groundfish landings (mt) and exvessel value (thousands of dollars), 1980-1994.<sup>a/</sup>

Year	California		Oregon		Washington		Coast	
	mt	\$	mt	\$	mt	\$	mt	\$
1980	36,862	16,551	28,515	11,425	22,514	9,119	87,891	37,095
1981	42,578	21,427	37,502	14,720	23,093	10,114	103,173	46,262
1982	52,608	28,036	41,023	20,449	25,368	11,404	118,999	59,889
1983	39,498	21,984	35,158	18,359	22,969	11,276	97,626	51,618
1984	40,570	22,917	28,209	15,237	21,080	10,484	89,859	48,637
1985	43,061	26,537	29,023	17,079	19,229	12,462	91,313	56,078
1986	41,246	28,571	24,931	16,814	16,121	10,912	82,298	56,296
1987	41,351	30,794	30,530	24,183	20,121	16,621	92,001	71,598
1988	39,760	28,528	32,114	23,916	20,343	15,689	92,217	68,133
1989	42,506	30,073	36,832	25,221	20,044	13,601	99,382	68,895
1990	39,169	28,996	35,505	23,234	18,330	11,498	93,005	63,728
1991	35,778	27,171	49,751	29,766	16,964	14,070	102,493	71,007
1992	34,781	28,578	81,915	31,045	15,744	11,418	132,439	71,040
1993	28,033	23,707	71,181	28,989	17,022	10,925	116,235	63,622
1994	23,498	23,154	94,088	32,622	14,983	9,683	132,569	65,459

Source: PacFIN data extracted September, 1995.

a/ Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not off Washington, Oregon and California.

TABLE F-4. Commercial shoreside landings<sup>a/</sup> (mt) of individual groundfish species by state, 1993-1994.

Species	California			Oregon		Washington	
	1993	1994	1994	1993	1994	1993	1994
Lingcod	684	531	833	859	680	446	
Pacific Cod	TR	TR	491	171	878	671	
Pacific Whiting	3,100	3,662	35,820	65,110	3,188	4,077	
Sablefish	2,580	2,142	3,835	4,005	1,713	1,331	
Pacific Ocean Perch	6	4	616	600	457	317	
Widow Rockfish	1,181	922	5,317	4,386	1,224	858	
Thornyheads	4,155	3,246	4,460	4,043	485	499	
Unspecified Rockfish	1,664	724	938	87	622	308	
Other Rockfish	6,256	5,771	9,075	6,973	3,424	2,513	
Arrowtooth Flounder	57	71	1,659	1,721	997	1,176	
Dover Sole	6,548	4,313	6,483	3,871	1,302	973	
English Sole	474	413	718	358	411	294	
Petrale Sole	463	481	775	616	265	199	
Other Flatfish	941	1,171	838	996	144	87	
Other Groundfish	483	579	411	475	1,232	1,265	

Source: PacFIN data extracted September, 1995.

a/ Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not in EEZ off Washington, Oregon and California.

TABLE F-5. Shoreside landings and exvessel value (thousands of dollars) of individual groundfish species landed in Washington, Oregon and California, 1993-1994.<sup>a/</sup>

Species	1993		1994		Percent Change	
	mt	\$	mt	\$	mt	\$
Lingcod	2,198	1,838	1,836	1,669	-16.5	-9.2
Pacific Cod	1,369	974	842	619	-38.5	-36.4
Pacific Whiting	42,108	2,843	72,849	4,867	+73.0	+71.2
Sablefish	8,129	9,972	7,477	13,566	-8.0	+36.0
Pacific Ocean Perch	1,079	709	921	677	-14.6	-4.5
Widow Rockfish	7,722	4,887	6,175	4,334	-20.0	-11.3
Thornyheads	9,101	9,449	7,788	12,521	-14.4	+32.5
Unspecified Rockfish	3,225	3,529	1,118	1,225	-65.3	-65.3
Other Rockfish	18,754	15,003	15,257	13,893	-18.6	-7.4
Arrowtooth Flounder	2,712	584	2,968	641	+9.4	+9.8
Dover Sole	14,333	8,611	9,157	5,950	-36.1	-30.9
English Sole	1,602	1,122	1,065	796	-33.5	-29.1
Petrale Sole	1,503	2,600	1,296	2,378	-13.8	-8.5
Other Flatfish	1,922	1,745	2,254	1,918	+17.3	+9.9
Other Groundfish	2,125	832	2,320	1,007	+9.2	+21.0

Source: PacFIN data extracted September, 1995.

a/ Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not in EEZ off Washington, Oregon and California.

TABLE F-6. Percentage contribution of Washington, Oregon and California landings and offshore deliveries to the total exvessel value (thousands of dollars) of West Coast marine fish landings, 1993-1994, by fishery.<sup>a/</sup>

Fishery	1993 Exvessel Value of Landings	Percent	1994 Exvessel Value of Landings	Percent
Tuna	24,961	7.9	28,470	7.7
Groundfish	80,917	25.6	89,693	24.2
Crab	47,287	15.0	59,004	15.9
Salmon	34,025	10.7	33,108	8.9
Shrimp	20,309	6.4	23,789	6.4
Coastal Pelagics <sup>b/</sup>	16,817	5.3	27,914	7.5
Other	<u>91,875</u>	29.1	<u>109,409</u>	29.4
Total	316,191		371,387	

Sources: PacFIN data extracted September, 1995.

a/ This value exceeds that reported for groundfish in Table 1 because they include fish caught in Puget Sound, outside of the U.S. EEZ, and in waters off Alaska.

b/ Coastal pelagics include Pacific mackerel, jack mackerel, Pacific sardines, northern anchovy, market squid, herring, and Pacific bonito.



TABLE F-7. Washington, Oregon and California combined landings and exvessel value (thousands of dollars) of sablefish by gear, 1993-1994.<sup>a/</sup>

	1993				1994			
	mt		\$		mt		\$	
Groundfish Trawl <sup>b/</sup>	4,805	(59.1)	4,465	(44.8)	3,697	(49.4)	5,594	(41.2)
Fish Pot	849	(10.4)	1,171	(11.7)	1,333	(17.8)	2,756	(20.3)
Hook and Line	2,311	(28.4)	4,243	(42.5)	2,315	(31.0)	5,014	(37.0)
Other Net <sup>c/</sup>	152	(1.9)	79	(0.8)	54	(0.7)	66	(0.5)
Other	12	(0.2)	14	(0.2)	78	(1.1)	136	(1.0)
Total	8,129		9,972		7,477		13,566	

Source: PacFIN data extracted September, 1995.

a/ Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not in EEZ off Washington, Oregon, or California. Figures in parentheses are the percentages each gear group contributed to the total sablefish landed catch or exvessel value.

b/ Includes California groundfish landings with shrimp nets.

c/ Includes Oregon and Washington landings with shrimp nets, and all landings with set nets and purse seine nets.

TABLE F-8. Washington, Oregon and California groundfish shoreside landings (mt) by gear group, 1981-1994.<sup>a/</sup>

	Trawl	Trap/Pot	Hook and Line <sup>b/</sup>	Gill Net/Setnet <sup>c/</sup>	Other/Misc. <sup>d/</sup>
1981	90,797	3,956	3,997	1,632	2,791
1982	103,299	6,530	4,384	2,077	2,709
1983	81,668	5,423	2,191	2,243	6,101
1984	72,693	3,854	1,989	2,199	9,124
1985	75,352	3,703	4,603	3,918	3,737
1986	61,249	2,216	5,894	4,205	8,734
1987	74,713	2,082	6,953	3,952	4,614
1988	73,460	2,186	5,679	2,864	7,487
1989	84,421	2,004	5,962	2,965	3,909
1990	78,785	1,513	5,766	2,874	4,120
1991	90,190	1,086	8,254	1,780	1,184
1992	119,393	794	9,117	1,681	1,455
1993	106,247	872	7,715	1,224	177
1994	123,782	1,372	6,403	654	358

Source: PacFIN data extracted September, 1995.

a/ Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not in EEZ off Washington, Oregon, or California.

b/ Does not include jig, troll or other hook and line gear prior to 1991.

c/ Includes gill net, setnet and other net, but not dip, trammel, seine or miscellaneous nets.

d/ Includes jig, troll and other hook and line gear prior to 1991.

TABLE F-9. Exvessel value (thousands of dollars) of Washington, Oregon and California groundfish shoreside landings by gear group, 1981-1994.<sup>a/</sup>

	Trawl	Trap/Pot	Hook and Line <sup>b/</sup>	Gill Net/Setnet <sup>c/</sup>	Other/Misc. <sup>d/</sup>
1981	37,855	2,081	3,696	1,468	2,169
1982	46,987	4,863	4,551	1,814	1,430
1983	40,578	3,598	2,091	1,742	3,578
1984	36,885	2,338	2,083	1,955	5,361
1985	41,264	3,154	5,329	3,367	2,946
1986	36,916	2,171	6,811	3,715	6,627
1987	52,162	2,347	9,527	3,806	4,032
1988	48,010	2,797	8,573	2,709	3,928
1989	52,576	2,284	8,265	1,723	3,909
1990	47,579	1,658	8,408	2,765	3,330
1991	51,995	1,693	14,571	1,711	1,036
1992	52,620	1,249	14,180	1,633	1,357
1993	49,359	1,214	11,547	1,288	214
1994	50,129	2,866	11,241	729	494

Source: PacFIN data extracted September, 1995.

a/ Does not include landings of fish caught in Puget Sound, Alaska, Canada, Mexico, or other waters not in EEZ off Washington, Oregon, or California.

b/ Does not include jig, troll or other hook and line gear prior to 1991.

c/ Includes gill net, setnet, and other net, but not dip, trammel, seine or miscellaneous nets.

d/ Includes jig, troll and other hook and line gear prior to 1991.

