

At the April Meeting the Council Adopted the Following:

- Fishing Communities need a sustainable fishery that is safe, well managed, and profitable, that provides jobs and incomes, that contributes to the local social fabric, culture, and image of the community, and helps market the community and its services and products.

Table 7-1 Total Commercial, Tribal, and Recreational Landings and Deliveries by Sector

Year	At-Sea Catcher-Processors	At Sea Mother-ships	Shoreside Whiting Trawl	Shoreside Non-whiting LE Trawl	Shoreside LE Line Gear	Shore-side LE Pot Gear	Shore-side Directed OA	Shore-side Incident al OA	Recreational	Shore-side Tribal	At-Sea Tribal	Total Ground-fish	Non-Tribal, Non-Whiting Shorebased
Landings and Deliveries													
1995	61,589	40,175	75,472	48,269	3,000	780	3,769	810	2,473	833	0	237,171	61,574
1996	66,170	43,826	83,699	48,745	3,825	541	3,443	1,073	2,893	903	15,313	270,432	63,414
1997	71,175	50,546	87,814	43,508	3,780	440	3,256	835	2,722	846	25,080	290,002	57,263
1998	70,690	50,371	88,852	34,477	2,301	398	2,563	631	4,979	495	24,787	280,544	50,328
1999	68,357	47,870	84,141	33,797	2,581	719	1,499	666	2,854	778	26,550	269,810	44,969
2000	68,341	47,166	86,210	29,337	2,417	708	1,203	504	2,406	788	6,402	245,481	38,981
2001	59,006	35,798	73,572	23,192	1,959	565	1,223	378	2,526	825	6,330	205,372	32,368
2002	36,580	26,624	45,706	20,271	1,793	372	1,099	406	2,270	918	22,286	158,325	28,481
2003	41,315	26,027	51,313	20,628	1,872	611	1,219	281	3,931	5,452	19,674	172,324	32,474
2004	73,582	24,155	89,986	18,925	1,935	634	1,215	150	1,956	8,698	23,767	245,003	26,773
Share of Total Landings and Deliveries													
1995	26%	17%	32%	20%	1%	0%	2%	0%	1%	0%	0%	100%	
1996	24%	16%	31%	18%	1%	0%	1%	0%	1%	0%	6%	100%	
1997	25%	17%	30%	15%	1%	0%	1%	0%	1%	0%	9%	100%	
1998	25%	18%	32%	12%	1%	0%	1%	0%	2%	0%	9%	100%	
1999	25%	18%	31%	13%	1%	0%	1%	0%	1%	0%	10%	100%	
2000	28%	19%	35%	12%	1%	0%	0%	0%	1%	0%	3%	100%	
2001	29%	17%	36%	11%	1%	0%	1%	0%	1%	0%	3%	100%	
2002	23%	17%	29%	13%	1%	0%	1%	0%	1%	1%	14%	100%	
2003	24%	15%	30%	12%	1%	0%	1%	0%	2%	3%	11%	100%	
2004	30%	10%	37%	8%	1%	0%	0%	0%	1%	4%	10%	100%	
Share of Non-Whiting, Non-Tribal Landings and Deliveries													
1995	0	0	0	78%	5%	1%	6%	1%	4%	0	0		100%
1996	0	0	0	77%	6%	1%	5%	2%	5%	0	0		100%
1997	0	0	0	76%	7%	1%	6%	1%	5%	0	0		100%
1998	0	0	0	69%	5%	1%	5%	1%	10%	0	0		100%
1999	0	0	0	75%	6%	2%	3%	1%	6%	0	0		100%
2000	0	0	0	75%	6%	2%	3%	1%	6%	0	0		100%
2001	0	0	0	72%	6%	2%	4%	1%	8%	0	0		100%
2002	0	0	0	71%	6%	1%	4%	1%	8%	0	0		100%
2003	0	0	0	64%	6%	2%	4%	1%	12%	0	0		100%
2004	0	0	0	71%	7%	2%	5%	1%	7%	0	0		100%

Adapted from tables associated with the Allocation Committee's February 2006 Meeting.

Table 7-2a Total domestic shoreside landings and at-sea deliveries from West Coast fisheries

Year	Lingcod	Whiting, At Sea	Whiting, Shoreside	Flatfish	Sablefish	Rockfish	Other Groundfish	Total Groundfish	Total Groundfish Less	Total Groundfish Less At Sea	Pink Shrimp	Spot Prawn, Trawl	Spot Prawn, Pot	Ridgeback Prawn, Trawl	Pacific Halibut
									Whiting	Whiting					
1981	3,307	73,557	838	25,972	11,419	59,774	1,729	176,596	102,201	103,039	18,202	174	4	87	160
1982	3,822	67,465	1,027	32,613	18,625	61,470	1,277	61,470	1,277	61,470	12,704	162	8	61	164
1983	4,163	72,100	1,051	29,639	14,685	48,157	889	170,684	97,533	98,584	6,052	58	1	70	322
1984	4,060	78,889	2,721	27,703	14,077	40,020	1,079	168,549	86,939	89,660	4,488	29	0	259	598
1985	3,883	31,692	3,894	30,400	14,308	37,347	967	122,491	86,905	90,799	12,408	26	4	357	536
1986	1,894	81,639	3,463	26,127	13,290	37,012	661	164,086	78,984	82,447	26,330	12	13	130	748
1987	2,586	105,997	4,795	28,796	12,784	40,242	2,644	197,844	87,052	91,847	31,060	21	14	85	307
1988	2,656	135,781	6,867	27,043	10,876	40,980	3,788	227,991	85,343	92,210	32,334	23	41	55	260
1989	3,580	203,578	7,414	29,880	10,439	45,334	2,694	302,919	91,927	99,341	35,550	30	48	61	212
1990	2,932	175,685	8,115	27,701	9,179	43,265	1,813	268,690	84,890	93,005	24,553	19	101	34	153
1991	3,167	200,594	21,040	30,515	9,496	35,282	2,978	303,072	81,438	102,478	19,064	21	103	52	169
1992	1,883	148,186	56,127	24,796	9,360	37,000	3,255	280,607	76,294	132,421	35,710	35	65	27	217
1993	2,200	91,640	42,108	22,107	8,145	38,252	3,483	207,935	74,187	116,295	22,451	51	105	33	252
1994	2,834	162,923	73,611	19,284	7,661	35,361	3,638	305,312	68,778	142,389	14,981	133	66	71	179
1995	1,700	98,376	74,967	19,706	7,951	32,171	2,135	237,006	63,663	138,630	11,342	136	42	187	142
1996	1,790	123,419	85,127	20,807	8,339	30,487	2,559	272,528	63,982	149,109	13,800	178	54	264	150
1997	1,652	142,726	87,410	19,508	7,951	25,576	2,271	287,094	56,958	144,368	17,456	263	79	177	201
1998	506	142,810	88,601	16,722	4,410	22,619	2,180	277,848	46,437	135,038	4,342	257	117	197	223
1999	441	139,940	83,637	20,213	6,660	16,408	1,627	268,926	45,349	128,986	12,404	185	93	632	220
2000	145	120,411	85,843	16,315	6,296	11,702	1,498	242,210	35,956	121,799	14,653	121	81	705	223
2001	156	99,875	73,475	13,863	5,646	7,806	1,427	202,248	28,898	102,373	17,595	92	95	161	331
2002	205	84,494	45,808	13,220	3,830	5,974	2,115	155,646	25,344	71,151	25,302	99	79	215	422
2003	166	86,212	55,336	14,160	5,451	4,136	2,154	167,615	26,067	81,402	13,874	3	73	225	399
2004	114.6	120,735	96,504	13,726	5,848	3,340	2,770	243,037	25,799	122,302	8,969	1.6	100.7	27.48	450.7
2005	139.4	151,002	108,746	14,957	6,344	3,365	1,455	286,008	26,260	135,006	10,860	0.4	122.4	25.46	447.4
1981-1998															
Avg	1,999	117,589	44,741	22,631	9,323	30,523	2,123	223,936	61,938	109,046	17,859	85	60	168	299
1991-2005															
Avg	1,140	127,556	71,889	18,660	6,893	20,632	2,370	249,139	49,694	121,583	16,187	105	85	200	268
1998-2005															
Avg	234	118,185	79,744	15,397	5,561	9,419	1,903	230,442	32,514	112,257	13,500	95	95	273	340

NOTE: For 1981-1990, at-sea whiting catch estimates are from Council 1997.

Table 7-2 c Total domestic shoreside landings and at-sea deliveries, (ex-vessel revenues-Inflation

Year	Lingcod	Whiting,		Flatfish	Sablefish	Rockfish	Other Groundfish	Total Groundfish	Total Groundfish	Total Groundfish	Pink Shrimp	Spot Prawn, Trawl	Spot Prawn, Pot	Ridgeback Prawn, Trawl	Pacific Halibut
		At Sea	Shoreside						Less	Less At Sea					
1981	2,651	19,564	225	23,663	8,388	35,635	1,208	91,332	71,545	71,770	32,159	1,244	61	263	656
1982	3,353	19,048	292	31,674	16,509	42,516	1,116	114,506	95,167	95,458	22,925	1,302	140	252	695
1983	3,613	20,219	294	28,052	12,165	37,606	837	102,787	82,273	82,567	15,427	585	21	223	1,273
1984	3,368	18,102	626	25,229	10,307	34,096	982	92,710	73,982	74,608	6,979	335	2	504	1,704
1985	3,401	7,028	867	28,277	16,032	35,243	874	91,723	83,828	84,695	14,642	372	71	733	1,861
1986	1,976	15,867	676	26,071	16,436	38,415	717	100,160	83,617	84,293	46,345	177	175	350	3,724
1987	3,172	21,621	979	32,789	19,794	45,816	2,874	127,046	104,445	105,425	68,622	299	260	308	1,843
1988	3,093	32,480	1,644	30,100	18,091	42,442	3,244	131,094	96,970	98,614	42,161	347	643	223	1,601
1989	3,939	41,634	1,524	29,203	15,364	45,734	2,234	139,631	96,474	97,998	40,722	306	716	250	1,228
1990	3,228	31,836	1,479	24,322	13,619	45,811	1,386	121,681	88,366	89,845	37,466	224	1,552	142	1,276
1991	3,467	33,068	3,381	29,977	20,219	40,808	2,355	133,274	96,825	100,206	33,026	313	1,678	209	1,520
1992	2,243	24,920	8,162	22,817	18,908	43,848	2,549	123,447	90,365	98,527	37,853	601	1,218	182	1,438
1993	2,523	9,666	3,886	20,051	13,682	44,466	2,425	96,699	83,146	87,032	22,516	834	2,112	191	1,329
1994	3,235	17,277	6,552	17,461	18,665	47,846	2,703	113,741	89,910	96,462	25,821	2,289	1,336	283	1,213
1995	2,215	13,416	10,293	20,224	31,112	52,092	2,265	131,619	107,909	118,204	23,806	2,498	882	626	890
1996	2,341	17,492	6,567	20,055	33,299	43,467	2,494	125,715	101,657	108,224	23,365	3,315	1,085	999	982
1997	2,171	23,949	10,183	17,870	34,782	34,789	2,550	126,293	92,161	102,344	18,994	4,643	1,541	861	1,112
1998	869	16,390	5,866	15,150	13,777	30,262	3,567	85,881	63,624	69,491	6,116	4,476	2,251	923	961
1999	836	13,711	8,036	15,998	20,003	23,972	2,979	85,534	63,789	71,823	14,996	3,137	1,844	1,807	1,125
2000	391	12,346	9,039	15,857	23,053	19,733	2,993	83,412	62,027	71,067	14,689	2,475	1,854	2,034	1,371
2001	436	11,908	6,476	14,232	19,731	14,512	2,205	69,501	51,116	57,593	11,597	1,919	2,146	599	1,661
2002	562	10,128	5,042	13,136	13,116	12,290	2,904	57,180	42,009	47,052	17,057	1,949	1,768	703	2,019
2003	446	11,321	5,983	14,231	19,972	8,312	2,850	63,115	45,810	51,794	8,304	66	1,629	732	2,494
2004	449	10,037	8,022	13,286	17,628	7,096	3,228	59,297	41,238	49,261	7,917	2	105	28	2,738
2005	461	17,438	12,558	13,961	20,233	6,490	2,420	73,100	43,103	55,662	10,410	0	122	25	2,485
1981-2005 Avg	2,178	18,819	4,746	21,748	18,595	33,332	2,238	101,619	78,054	82,801	24,157	1,348	1,008	538	1,568
1991-2005 Avg	1,510	16,204	7,336	17,621	21,212	28,666	2,699	95,187	71,646	78,983	18,431	1,901	1,438	680	1,556
1998-2005 Avg	556	12,910	7,628	14,481	18,439	15,334	2,893	72,127	51,590	59,218	11,386	1,753	1,465	856	1,857

NOTE: Inflation adjustment used is the U.S. GDP Deflator (<http://www.bea.gov/bea/dn/home/gdp.htm>). For 1981-1990, at-sea whiting catch estimates are from Council 1997.

Table 7-3 Overfished Species Ranking by Sector and Area

AREA	SECTOR	OVERFISHED SPECIES						
		BCCCIO	CANARY	COWCD	D'BLTCH	POP	WIDOW	Y'EYE
N 40 10	LE FG-DOGFISH		ML					MH
	LE FG-NEARSHORE		ML					MH
	LE FG-SABLEFISH		ML					MH
	LE B-TRAWL-DEEP		ML		HIGH	HIGH		
	LE B-TRAWL-SHELF		HIGH					
	LE MW-TRAWL-WHITING		HIGH		ML	ML	HIGH	
	OA FG-DOGFISH		ML					MH
	OA FG-NEARSHORE		MH					MH
	OA FG-SABLEFISH		ML					MH
	WA REC P.HALIBUT		ML					HIGH
	WA REC BOTTOMFISH		ML					HIGH
	OR REC P. HALIBUT		MH					HIGH
	OR REC BOTTOMFISH		MH					HIGH
CA REC BOTTOMFISH		ML					ML	
38 - 40 10	LE FG-NEARSHORE	ML	ML					
	LE FG-SABLEFISH	ML	ML					
	LE B-TRAWL-DEEP	ML	ML		MH			
	LE B-TRAWL-SHELF	HIGH	MH					
	OA FG-NEARSHORE	ML	ML					
	OA FG-SABLEFISH	ML	ML					
	CA REC. BOTTOMFISH	ML	MH					ML
36 - 38	LE FG-NEARSHORE	ML	ML	ML				
	LE FG-SABLEFISH	ML	ML	ML				
	LE B-TRAWL-DEEP	ML	ML					
	LE B-TRAWL-SHELF	HIGH	ML	MH				
	OA FG-NEARSHORE	ML	ML	ML				
	OA FG-SABLEFISH	ML	ML	ML				
	CA REC. BOTTOMFISH	ML	MH					ML
S 36	LE FG-NEARSHORE	ML		ML				
	LE FG-SABLEFISH	ML		ML				
	LE B-TRAWL-DEEP	ML						
	LE B-TRAWL-SHELF	HIGH		MH				
	OA FG-NEARSHORE	ML		ML				
	OA FG-SABLEFISH	ML		ML				
	CA REC BOTTOMFISH	HIGH		ML				

Table 7-4a. Port Engagement in Groundfish Sectors in Areas North of 40°10' N Latitude

AREA	PORT	SECTOR								
		LE B- TRAWL- DEEP	LE B- TRAWL- SHELF	LE FG- DOGFISH	LE FG- NEARSHORE	LE FG- SABLEFISH	LE MW-TRAWL- WHITING	OA FG- DOGFISH	OA FG- NEARSHORE	OA FG- SABLEFISH
N 40 10	ABERDEEN									?
	ASTORIA	?	?		?	?	?			?
	BANDON									?
	BELLINGHAM BAY	?	?	?		?		?		?
	BLAINE	?	?	?		?				?
	BROOKINGS	?	?			?			?	?
	CATHLAMET					?				?
	CHARLESTON (COOS BAY)	?	?			?	?		?	?
	CHINOOK					?				?
	CRESCENT CITY	?	?		?	?	?		?	?
	DEPOE BAY								?	?
	EUREKA	?	?			?	?		?	?
	EVERETT					?				?
	FIELDS LANDING									?
	FLORENCE									?
	GARIBALDI (TILLAMOOK)					?			?	?
	GOLD BEACH								?	?
	ILWACO					?	?			?
	LAPUSH					?				?
	MILL CREEK								?	?
	NEAH BAY	?	?			?				?
	NEWPORT	?	?			?	?		?	?
	PACIFIC CITY								?	?
	PORT ANGELES					?				?
	PORT ORFORD				?	?			?	?
	PORT TOWNSEND									?
	SEATTLE							?		?
	TOKELAND									?
	TRINIDAD								?	?
	WESTPORT	?	?			?	?			?
WINCHESTER BAY					?				?	

Table 7-46 Ex-vessel Price and Fuel Cost Trends

Inflation Adjusted Ex-vessel, Fuel Prices, and Revenues per Bottom Trawl Hour

	Whiting	Flatfish	Sablefish	Rockfish	Total Groundfish	Revenue/hour	Fuel
	\$/lb	\$/lb	\$/lb	\$/lb	\$/lb	\$/hr	\$/gallon
1999	\$0.04	\$0.36	\$1.36	\$0.66	\$0.64	\$264.25	\$0.93
2000	\$0.05	\$0.44	\$1.66	\$0.76	\$0.78	\$285.99	\$1.17
2001	\$0.04	\$0.47	\$1.59	\$0.84	\$0.80	\$260.69	\$1.21
2002	\$0.05	\$0.45	\$1.55	\$0.93	\$0.75	\$249.48	\$0.97
2003	\$0.05	\$0.46	\$1.66	\$0.91	\$0.80	\$311.24	\$1.12
2004	\$0.04	\$0.44	\$1.37	\$0.96	\$0.73	\$351.13	\$1.70
2005	\$0.05	\$0.42	\$1.45	\$0.87	\$0.74	\$345.3 ^{e/}	\$2.20

	Change in Prices Relative to 1999					Bottom Trawl	
	Whiting	Flatfish	Sablefish	Rockfish	Total Groundfish	Revenue/hour	Fuel
1999	100%	100%	100%	100%	100%	100%	100%
2000	125%	122%	122%	115%	122%	108%	126%
2001	100%	131%	117%	127%	125%	99%	130%
2002	125%	125%	114%	141%	117%	94%	104%
2003	125%	128%	122%	138%	125%	118%	120%
2004	100%	122%	101%	145%	114%	133%	182%
2005	125%	117%	107%	132%	116%		236%

Ex-vessel Prices PacFIN

Fuel Prices-June Marine Fuel Prices, New port as collected by PSMFC

Bottom Trawl Revenue/Hour Fished, NMFS NWR-Burden (12/2005)

All prices deflated to 2005

^{e/}: preliminary estimate (logbook data not complete)

Table 7-62a Commercial Ex-vessel Projections by Major Sector

Ex-vessel Revenue (million \$)	2005	No Action	Alternative 1	Alternative 2	Alternative 3	Council Preferred Alternative
Total West Coast Exvessel Revenue (including at-sea and tribal)	279.4	279.5	254.4	270.2	277.4	
Non-Tribal Groundfish Exvessel Revenue (including at-sea)	64.4	64.2	40.6	56.1	62.5	
Total LE Trawl Groundfish Exvessel Revenue (including at-sea)	47.5	47.2	27.2	42.4	48.5	
Shoreside LE Trawl Groundfish Exvessel Revenue Including Whiting	33.5	32.5	19.4	31.5	34.3	
Shoreside LE Trawl Groundfish Exvessel Revenue Excluding Whiting	22.2	21.1	13.4	23.2	23.4	
LE Trawl Whiting Exvessel Revenue (shoreside and at-sea)	25.2	26.1	13.8	19.2	25.1	
LE Fixed Gear Groundfish Exvessel Revenue	10.7	10.7	8.2	8.4	8.4	
Open Access Groundfish Exvessel Revenue	6.3	6.3	5.1	5.4	5.6	
Tribal Groundfish Shoreside Exvessel Revenue (including whiting)	4.8	5.2	4.5	4.5	4.8	
Tribal Groundfish At-Sea Exvessel Revenue (whiting)	2.6	2.6	1.8	2.0	2.6	
Change compared to No Action (million \$)						
Total West Coast Exvessel Revenue (including at-sea and tribal)			- 25.1	- 9.3	- 2.1	
Non-Tribal Groundfish Exvessel Revenue (including at-sea)			- 23.7	- 8.1	- 1.7	
Total LE Trawl Groundfish Exvessel Revenue (including at-sea)			- 20.0	- 4.8	+ 1.3	
Shoreside LE Trawl Groundfish Exvessel Revenue Including Whiting			- 13.1	- 0.9	+ 1.9	
Shoreside LE Trawl Groundfish Exvessel Revenue Excluding Whiting			- 7.7	+ 2.1	+ 2.3	
LE Trawl Whiting Exvessel Revenue (shoreside and at-sea)			- 12.3	- 6.9	- 1.0	
LE Fixed Gear Groundfish Exvessel Revenue			- 2.5	- 2.3	- 2.3	
Open Access Groundfish Exvessel Revenue			- 1.2	- 1.0	- 0.8	
Tribal Groundfish Shoreside Exvessel Revenue (including whiting)			- 0.7	- 0.7	- 0.4	
Tribal Groundfish At-Sea Exvessel Revenue (whiting)			- 0.7	- 0.5	+ 0.0	
Change compared to No Action (%)						
Total West Coast Exvessel Revenue (including at-sea and tribal)			-9.0%	-3.3%	-0.8%	
Non-Tribal Groundfish Exvessel Revenue (including at-sea)			-36.9%	-12.6%	-2.7%	
Total LE Trawl Groundfish Exvessel Revenue (including at-sea)			-42.4%	-10.3%	+2.7%	
Shoreside LE Trawl Groundfish Exvessel Revenue Including Whiting			-40.3%	-2.9%	+5.8%	
Shoreside LE Trawl Groundfish Exvessel Revenue Excluding Whiting			-36.6%	+9.9%	+11.0%	
LE Trawl Whiting Exvessel Revenue (shoreside and at-sea)			-47.0%	-26.5%	-3.9%	
LE Fixed Gear Groundfish Exvessel Revenue			-23.3%	-21.3%	-21.2%	
Open Access Groundfish Exvessel Revenue			-18.7%	-15.3%	-12.0%	
Tribal Groundfish Shoreside Exvessel Revenue (including whiting)			-14.2%	-12.5%	-7.5%	
Tribal Groundfish At-Sea Exvessel Revenue (whiting)			-28.3%	-21.2%	+0.0%	

**Table 7-65a Projected Recreational Effort by Region in 2004 and 2005 and
by Alternative**

n	2004	2005	No Action	Alt 1	Alt 2	Alt 3
Washington Coast	52,055	46,978	46,978	33,793	36,456	42,029
& Central WA Coast	145,568	125,737	125,737	125,737	125,737	125,737
ia-Tillamook	58,251	40,764	41,794	37,073	41,794	41,794
ort	72,331	55,368	58,487	46,177	58,487	58,487
Bay	50,990	36,238	39,152	35,175	39,152	39,152
ings	35,382	34,128	35,817	27,008	35,817	35,817
ent City-Eureka	47,314	60,292	47,133	42,035	47,133	47,133
bragg	52,197	66,162	45,684	36,678	39,153	48,594
ja Bay - San Francisco	108,659	82,922	87,127	56,185	59,618	92,772
rey - Morro Bay	120,830	99,709	114,155	72,564	74,411	138,561
Barbara	108,104	64,964	67,401	52,335	58,836	72,775
ngeles - San Diego	786,589	500,488	507,907	464,355	483,195	523,296
L	1,638,269	1,213,750	1,217,372	1,029,116	1,099,789	1,266,147

Table 7-68f Summary of estimated income impacts resulting from combined recreational angler expenditures and commercial fisheries landings by region under the management alternatives (million \$).

Region	No Action	Alt 1	Alt 2	Alt 3	Council Preferred Alt
Puget Sound	15.40	13.37	14.89	14.96	
North Washington Coast	16.62	15.02	15.45	15.83	
	121.08	110.10	114.58	120.04	
Astoria-Tillamook	97.22	89.10	96.20	97.88	
Newport	49.70	39.35	45.45	48.88	
Coos Bay	32.39	29.29	32.12	32.44	
Brookings	17.72	16.21	17.50	17.57	
Crescent City-Eureka	19.40	16.34	19.32	19.73	
Fort Bragg	11.32	8.88	10.93	11.65	
Bodega Bay - San Francisco	43.69	39.51	40.37	44.27	
Monterey - Morro Bay	37.72	32.39	33.69	39.59	
Santa Barbara	62.58	61.34	61.92	62.90	
Los Angeles - San Diego	144.15	140.47	142.21	145.05	
TOTAL	669.01	611.38	644.62	670.80	

Table 7-68g Change (from No Action) in estimated income impacts resulting from combined recreational angler expenditures and commercial fisheries landings by region under the management alternatives (million \$).

Region	No Action	Alt 1	Alt 2	Alt 3	Council Preferred Alt
Puget Sound	15.4	-2.0	-0.5	-0.4	
North Washington Coast	16.6	-1.6	-1.2	-0.8	
South & Central WA Coast	121.1	-11.0	-6.5	-1.0	
Astoria-Tillamook	97.2	-8.1	-1.0	0.7	
Newport	49.7	-10.4	-4.3	-0.8	
Coos Bay	32.4	-3.1	-0.3	0.0	
Brookings	17.7	-1.5	-0.2	-0.2	
Crescent City-Eureka	19.4	-3.1	-0.1	0.3	
Fort Bragg	11.3	-2.4	-0.4	0.3	
Bodega Bay - San Francisco	43.7	-4.2	-3.3	0.6	
Monterey - Morro Bay	37.7	-5.3	-4.0	1.9	
Santa Barbara	62.6	-1.2	-0.7	0.3	
Los Angeles - San Diego	144.2	-3.7	-1.9	0.9	
TOTAL	669.01	-57.63	-24.39	1.78	

Table A.4-18 Commercial Indicators and Rankings by County

County	Total Number of Vessels Participating in Any Fishery in 2005 by County	Rank	Dealers	Rank	Permits as percentage of state total	Rank	Groundfish permits a percentage of state total	Rank	County fish revenue/Coastwide fish revenue	Rank	County groundfish revenue/County fish revenue	Rank	County groundfish revenue/Coastwide groundfish revenue	Rank
Alameda County					1.4%	25	1.5%							
Benton County					0.1%									
Butte County					0.2%		0.3%							8
Clackamas County					0.5%		1.6%	19						
Clallam County	115		15		0.6%		1.4%		1.3%		0.9%	5	2.5%	
Clark County					0.2%		0.1%							
Clatsop County	274	6	28		3.6%	11	3.7%	11	7.3%	3	1.2%	3	18.2%	
Columbia County					0.4%									
Contra Costa County					1.2%		0.4%							
Coos County	399	2	40	11	2.9%	15	2.9%	13	4.7%	8	0.9%	7	8.2%	
Cowlitz County					0.3%									
Curry County	194	10	27		3.6%	10	9.5%	2	2.4%		0.9%	6	4.2%	
Del Norte County	134		20		3.3%	12	5.7%	4	4.1%	10	0.3%		2.2%	
Deschutes County					0.1%									9
Douglas County	75		23		0.6%		0.4%		0.5%		0.1%		0.1%	
El Dorado County					0.2%									
Fresno County					0.2%									
Grays Harbor County	280	4	46	8	2.4%	17	2.0%	18	5.8%	6	0.8%	8	9.0%	
Hood River County					0.1%									
Humboldt County	135		37	12	4.2%	8	4.1%	9	3.7%	11	0.7%		5.0%	
Island County					0.2%		0.2%							
Jackson County					0.1%									
Jefferson	45		6		0.2%				0.2%		0.0%		0.0%	
Josephine County					0.1%									
Kern County					0.3%		0.3%							
King County	114		22		1.6%	22	5.1%	6	2.8%		0.1%		0.4%	
Kitsap County					0.2%		0.5%							
Klamath County					0.1%		0.1%							
Lake County					0.2%									
Lane County	18		14		0.6%		0.3%		0.2%		0.0%		0.0%	
Lewis County					0.3%		0.5%							
Lincoln County	464	1	79	1	3.2%	13	4.5%	8	6.4%	5	1.3%	2	16.9%	
Los Angeles County	145		50	6	5.1%	5	2.3%	16	8.2%	1	2.0%	1	0.8%	1
Marin County	149		37	12	2.0%	19	0.9%		1.5%		0.0%		0.1%	
Marion County					0.3%		0.4%							
Mason County	7		2		0.1%		0.1%		*		*		*	
Mendocino County	275	5	51	5	5.2%	3	6.1%	3	3.3%		0.6%		4.0%	
Monterey County	183		41	10	4.3%	7	3.5%	12	1.7%		0.2%		1.2%	
Multnomah County					0.4%		0.1%							
Nevada County					0.1%		0.1%							
Okanogan County							0.2%							
Orange County	145		50	6	3.0%	14	4.7%	7	8.2%	2	0.0%		0.8%	
Pacific County	246	7	30		2.0%	20	0.9%		4.3%	9	0.4%		3.1%	6
Pierce County	32		10		0.7%		0.4%		0.4%		0.0%		0.0%	
Placer County					0.2%									
Polk County					0.1%		0.3%							

Table A.4-29 Resiliency Indicator Values and Rankings by County

County	Industry diversification index (Shannon - Weiner Index)	Rank	Total population	Rank	Unemployment rate	Rank	Poverty rate	Rank
Alameda	2.50		1443741		3.6		1.1	
Clallam	2.25	9	64525	15	3.9		12.5	
Clark	2.38		345238		4		9.1	
Clatsop	2.15	4	35630	10	4.1		13.2	
Columbia	2.06	2	43560	11	4.1		9.1	
Contra Costa	2.50		948816		3.1		7.6	
Coos	2.36		62779	14	4.6	12	15	7
Cowlitz	2.29	13	92948		4.7	11	14	13
Curry	2.27	11	21137	6	3.6		12.2	
Del Norte	2.22	7	27507	9	4.9	7	20.2	1
Douglas	2.31	15	100399		4.3		13.1	
Grays Harbor	2.26	10	67194	16	4.8	10	16.1	5
Hood River	2.30	14	20411	4	4.4	16	14.2	12
Humboldt	2.28	12	126518		5.2	3	19.5	2
Island	2.27	11	71558	17	3		7	
Jefferson	2.25	9	25953	8	3.6		11.3	
King	2.55		606024		3.5		6.9	
Kitsap	2.27	11	231969		3.5		8.8	
Lane	2.36		322959		4.1		14.4	8
Lincoln	2.17	6	44479	12	4.9	8	13.9	14
Los Angeles	2.48		9519338		5	6	17.9	3
Marin	2.44		247289		1.9		6.6	
Mason	2.35		49405	13	4.5	14	12.2	
Mendocino	2.30	14	86265		4.5	15	15.9	6
Monterey	2.42		401762		5.2	5	13.5	16
Multnomah	2.55		660486		4.4		12.7	
Orange	2.52		2846289		3.3		10.3	
Pacific	2.14	3	20984	5	3.9		14.4	9
Pierce	2.39		700820		4.1		10.5	
San Diego	2.47		2813833		3.6		12.4	
San Francisco	2.47		776733		3		11.3	
San Joaquin	2.41		563598		6.2	2	17.7	4
San Juan	2.38		14077	3	1.9		9.2	
San Luis Obispo	2.38		401762		5.2	4	13.5	15
San Mateo	2.53		707161		2.2		5.8	
Santa Barbara	2.46		399347		4.2		14.3	10
Santa Cruz	2.41		255602		4.1		11.9	
Skagit	2.17	6	102979		4.3		11.1	
Skamania	2.03	1	9872	2	7.1	1	13.1	
Snohomish	2.30	14	606024		3.5		6.9	
Solano	2.33	16	394542		3.8		8.3	
Sonoma	2.39		458614		2.8		8.1	
Thurston	2.33	16	207355		3.9		8.8	
Tillamook	2.23	8	24262	7	2.6		11.4	
Ventura	2.43		753197		3.4		9.2	
Wahkiakum	2.16	5	3824	1	4.5	13	8.1	
Watscom	2.36		166814		4.9	9	14.2	11

Note: Blank spaces in the rankings columns indicate that this county did not score in the top one-third.

Table A.4-33 Commercial and Recreational Scores and Identification of Vulnerable Counties

County	Number of times the county scored in top one-third of commercial fishing engagement indicators	Number of times the county scored in top one-third of commercial groundfish dependency indicators	Number of times the county scored in top one-third (least resilient) of resiliency indicators	Vulnerable Area
Alameda County	1			
Benton County				
Butte County		1		
Clackamas County		1		
Clallam County		1	2	vulnerable
Clark County				
Clatsop County	3	2	2	vulnerable
Columbia County			2	
Contra Costa County				
Coos County	4	2	3	most vulnerable
Cowlitz County			3	
Curry County	2	2	2	vulnerable
Del Norte County	2	1	4	vulnerable
Deschutes County		1		
Douglas County			1	
El Dorado County				
Fresno County				
Grays Harbor County	4	2	4	most vulnerable
Hood River County			4	
Humboldt County	3	1	3	most vulnerable
Island County			2	
Jackson County				
Jefferson			2	
Josephine County				
Kern County				
King County	1	1		
Kitsap County			1	
Klamath County				
Lake County				
Lane County			1	
Lewis County				
Lincoln County	4	2	4	most vulnerable
Los Angeles County	3	3	2	vulnerable
Marin County	2			
Marion County				
Mason County			2	
Mendocino County	3	1	3	most vulnerable
Monterey County	2	1	2	vulnerable
Multnomah County				
Nevada County				
Okanogan County				
Orange County	3	1		
Pacific County	3	1	3	most vulnerable
Pierce County				
Placer County				
Polk County				
Riverside County				
Sacramento County				
San Benito County				
San Bernardino County				
San Diego County	3	1		
San Francisco Bay County	2			
San Joaquin County			2	
San Juan County		1	1	vulnerable
San Luis Obispo County	2	1	2	vulnerable

Recreational
 Total Bottomfish Rec Trips
 WA Bottomfish Rec Trips
 OR Bottomfish Trips
 CA Bottomfish Trips
 Total Angler Expenditures bottomfish (Million \$)
 West Coast-Total Rec Trips
 West Coast-Total Angler Expenditures (million \$)

	Current Fishery		Alternatives			%change from 2006 OY		
	2005OY	2006OY	Action 1	Action 2	Action 3	Action 1	Action 2	Action 3
Total Bottomfish Rec Trips	538929	538603	350690	421271	587873	-35%	-22%	9%
WA Bottomfish Rec Trips	44054	44054	31212	33782	39600	-29%	-23%	-10%
OR Bottomfish Trips	87403	92208	62392	92208	92208	-32%	0%	0%
CA Bottomfish Trips	407472	402341	257086	295281	456065	-36%	-27%	13%
Total Angler Expenditures bottomfish (Million \$)	47	47	34	41	58	-27%	-12%	24%
West Coast-Total Rec Trips	1213750	1217372	1029116	1099789	1266147	-15%	-10%	4%
West Coast-Total Angler Expenditures (million \$)	105	113	92	99	118	-18%	-12%	4%

Bottomfish are projections of groundfish and halibut trips combined.
 West Coast -all species including groundfish, salmon, etc.

Groundfish Ex-vessel Revenues-Non-Tribal including at-sea (million \$)
 Groundfish Ex-vessel Revenue-Tribal including at-sea (Million \$)
 Total Ex-vessel Revenue Groundfish (Million \$)
 Total West Coast (groundfish and non-groundfish-Million \$)
 Nearshore groundfish (\$1000)
 LE Bottom Trawl (\$1000)
 LE Whiting (\$1000)
 FG Sablefish N CP (\$1000)
 FG Sablefish S 34 27 (\$1000)

	Current Fishery		Alternatives			%change from 2006 OY		
	2005OY	2006OY	Action 1	Action 2	Action 3	Action 1	Action 2	Action 3
Groundfish Ex-vessel Revenues-Non-Tribal including at-sea (million \$)	64	64	41	56	63	-37%	-13%	-3%
Groundfish Ex-vessel Revenue-Tribal including at-sea (Million \$)	7	8	6	7	7	-19%	-17%	-5%
Total Ex-vessel Revenue Groundfish (Million \$)	72	72	47	63	70	-35%	-13%	-3%
Total West Coast (groundfish and non-groundfish-Million \$)	279	280	254	270	277	-9%	-3%	-1%
Nearshore groundfish (\$1000)	2847	2847	2257	2791	2847	-21%	-2%	0%
LE Bottom Trawl (\$1000)	21969	21969	12982	22868	23145	-41%	4%	5%
LE Whiting (\$1000)	29652	29652	17293	23135	30146	-42%	-22%	2%
FG Sablefish N CP (\$1000)	14387	14387	8723	8723	8723	-39%	-39%	-39%
FG Sablefish S 34 27 (\$1000)	2137	2137	1517	2137	2137	-29%	0%	0%

Personal Income-Groundfish-Non-tribal including at-sea
 Groundfish Personal Income Tribal including at-sea
 Groundfish Personal Income-Tribal including at-sea
 Total West Coast (groundfish and non-groundfish)
 Total recreational bottomfish
 Total West Coast recreational
 Total Groundfish-Commercial and Recreational-including at-sea
 Total West Coast-Commercial and Recreational-including at-sea

	Current Fishery		Alternatives			%change from 2006 OY		
	2005OY million \$	2006OY	Action 1 Million \$	Action 2	Action 3	Action 1	Action 2	Action 3
Personal Income-Groundfish-Non-tribal including at-sea	139.4	140.0	83.8	118.4	136.9	-66%	-15%	-3%
Groundfish Personal Income Tribal including at-sea	19.8	20.2	15.8	16.9	19.9	-25%	-15%	1%
Groundfish Personal Income-Tribal including at-sea	159.2	160.2	99.6	135.3	156.8	-38%	-16%	-2%
Total West Coast (groundfish and non-groundfish)	624.1	625.2	567.0	602.0	621.8	-10%	-4%	0%
Total recreational bottomfish	37.3	43.4	27.2	32.8	47.1	-37%	-12%	36%
Total West Coast recreational	82.8	89.0	72.8	78.3	92.7	-14%	-5%	14%
Total Groundfish-Commercial and Recreational-including at-sea	196.5	203.6	126.8	168.1	203.9	-40%	-12%	4%
Total West Coast-Commercial and Recreational-including at-sea	706.9	714.0	611.4	644.6	670.2	-14%	-10%	-6%