

CHAPTER 4

TABLES

TABLE 4.2-1. Harvest specifications for overfished West Coast groundfish under alternatives considered by the Council for 2003 management.

Species	Alternatives	2003 Harvest (mt)	Exploitation Rate (F)	Rebuilding Probability	Median (50%) Year to Rebuild
Bocaccio ^{1/}	Low OY	0	0.000	50%	2111
	High OY; Alloc. Cm OY; Council OY	#20	<0.026	50%	2172
	No Action	100			
Canary (80% Comm:20% Rec)	Low OY	38	0.0108	80%	2068
	High OY	57	0.0161	50%	2076
	No Action	93			
Canary (50% Comm:50% Rec)	Low OY	30	0.0161	80%	2068
	Alloc. Cm OY	41	0.0220	60%	2074
	High OY	45	0.0242	50%	2076
Canary (20% Comm:80% Rec)	No Action	93			
	Low OY	25	0.0212	80%	2068
	High OY	37	0.0317	50%	2076
Canary	Council OY	44	0.0220	60%	2074
Cowcod	All alternatives	4.8	0.0136	52%	2095
Darkblotched ^{2/}	Low OY	100	0.014	100%	2018
	2001 OY	130	0.019	98%	2020
	No Action	168	0.024	86%	2026
	Alloc. Cm OY; Council OY	172	0.025	85%	2028
	High OY	205	0.030	62%	2038
Lingcod	Low OY	555	0.0474 N 0.0472 S	80%	2009
	No Action	577			
	Alloc. Cm OY; Council OY	651	0.0531 N 0.0610 S	60%	2009
	High OY	725	0.0607 N 0.0667 S	50%	2008
Pacific ocean perch	Low OY	311	0.0068	80%	2022
	No Action	350			
	Alloc. Cm OY; Council OY	377	0.0082	70%	2027
	High OY	496	0.0109	50%	2042

TABLE 4.2-1. Harvest specifications for overfished West Coast groundfish under alternatives considered by the Council for 2003 management.

Species	Alternatives	2003 Harvest (mt)	Exploitation Rate (F)	Rebuilding Probability	Median (50%) Year to Rebuild
Pacific whiting ^{3/}	<i>No Action; Low OY</i>	129,600	0.128	NA	NA
	<i>Alloc. Cm OY; Council OY</i>	148,200	NA	NA	NA
	<i>High OY</i>	173,600	NA	NA	NA
Widow	<i>Low OY</i>	656	0.0213	80%	2032
	<i>Alloc. Cm OY; Council OY</i>	832	0.0271	70%	2037
	<i>No Action</i>	856			
	<i>High OY</i>	916	0.0298	50%	2039
Yelloweye	<i>Low OY</i>	2.1	0.0013	100%	2027
	<i>No Action</i>	13.5	0.0085	100%	2037
	<i>Alloc. Cm OY; Council OY</i>	22	0.0139	92%	2052
	<i>High OY</i>	27	0.0173	50%	2071

1/ The median year to rebuild under *Low OY* is beyond the estimated T_{MAX} of 2109. Estimated median year to rebuild from the bocaccio sustainability analysis (TABLE 4.2.1.1-2).

2/ Fishing mortality rates for darkblotched rockfish for 2004 are based upon projecting forward results from the rebuilding analysis that was originally used to calculate the OY for 2002. Accordingly, the OY for 2004 is approx 1.17 times the OY for 2002.

3/ The *Low OY* is based on estimated biomass at the start of 2002 with an $F_{40\%}$ harvest rate and the 40-10 adjustment. The *Medium OY* and *High OY* alternatives are based on the $F_{40\%}$ and $F_{45\%}$ harvest rates and the 40-10 adjustment using estimated biomass at the start of 2003.

TABLE 4.2-2. Results of the bocaccio sustainability analysis (MacCall and He 2002b).

Probability (%) of No Decline by 2102	Catch in 2003	Fishing Mortality Rate	Percent of Cases Rebuilt by 2109	Median Rebuilding Year	Risk (five percentile of abundance)			
					Spawning Output (billion eggs)	after 25 years 2027 Abundance Relative to 2002	Spawning Output (billion eggs)	after 100 years 2102 Abundance Relative to 2002
50%	79	0.094	7%	14% by 2602	73.1	10%	2.5	0%
60%	61	0.071	12%	31% by 2602	85.8	12%	5.5	1%
70%	42	0.049	21%	50% by 2367	102.6	14%	13.3	2%
80%	22	0.026	33%	50% by 2172	126.1	18%	30.7	4%
85%	11	0.012	41%	50% by 2135	145.2	20%	52.7	7%
90%	0	0.000	49%	50% by 2111	157.5	22%	86.3	12%

**TABLE 4.2-3a Bycatch rates used in modeling trawl fishery consequences south of 40°10' N latitude for the 2003 season.
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2-mo. per.	Target fishery	All depths	In depths shallower than:				In depths deeper than:			
			50 fm	75 fm	100 fm	125 fm	150 fm	180 fm	200 fm	250 fm
Lingcod										
1	Petrale						0.614%	0.000%		
2	Petrale						2.074%	0.000%		
6	Petrale						0.855%	0.000%		
1	Flatfish	0.131%	0.000%	0.154%	0.075%	0.071%	0.092%			
2	Flatfish	0.246%	0.142%	0.065%	0.166%	0.163%	0.138%			
3	Flatfish	0.746%	0.657%	0.658%	0.384%	0.297%	0.314%			
4	Flatfish	0.603%	2.697%	2.125%	0.322%	0.383%	0.050%			
5	Flatfish	0.512%	0.666%	0.141%	0.105%	0.201%	0.282%			
6	Flatfish	0.471%	0.736%	0.856%	0.714%	0.462%	0.044%			
1	DTS	0.012%					0.012%	0.000%		0.000%
2	DTS	0.008%					0.008%	0.000%		0.000%
3	DTS	0.053%					0.016%	0.000%		0.000%
4	DTS	0.053%					0.015%	0.000%		0.000%
5	DTS	0.083%					0.065%	0.000%		0.000%
6	DTS	0.038%					0.038%	0.000%		0.000%
1	Other	0.368%	0.074%	0.147%	0.257%	0.294%	0.074%	0.000%	0.000%	0.000%
2	Other	3.269%	0.654%	1.308%	2.288%	2.615%	0.654%	0.000%	0.000%	0.000%
3	Other	6.098%	1.220%	2.439%	4.268%	4.878%	1.220%	0.000%	0.000%	0.000%
4	Other	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
5	Other	0.840%	0.168%	0.336%	0.588%	0.672%	0.168%	0.000%	0.000%	0.000%
6	Other	0.858%	0.172%	0.343%	0.601%	0.686%	0.172%	0.000%	0.000%	0.000%
Canary										
1	Petrale						0.000%	0.000%		
2	Petrale						0.000%	0.000%		
6	Petrale						0.000%	0.000%		
1	Flatfish	0.011%	0.000%	0.000%	0.000%	0.000%	0.000%			
2	Flatfish	0.098%	0.000%	0.000%	0.033%	0.134%	0.000%			
3	Flatfish	0.064%	0.000%	0.000%	0.000%	0.000%	0.000%			
4	Flatfish	0.046%	0.000%	0.000%	0.000%	0.000%	0.000%			
5	Flatfish	0.082%	0.000%	0.071%	0.099%	0.089%	0.000%			
6	Flatfish	0.039%	0.000%	0.561%	0.048%	0.020%	0.000%			
1	DTS	0.000%					0.000%	0.000%		0.000%
2	DTS	0.020%					0.000%	0.000%		0.020%
3	DTS	0.002%					0.000%	0.000%		0.000%
4	DTS	0.015%					0.000%	0.000%		0.001%
5	DTS	0.002%					0.000%	0.000%		0.000%
6	DTS	0.000%					0.000%	0.000%		0.000%
1	Other	0.010%	0.004%	0.006%	0.008%	0.010%	0.000%	0.000%	0.000%	0.000%
2	Other	0.010%	0.004%	0.006%	0.008%	0.010%	0.000%	0.000%	0.000%	0.000%
3	Other	0.010%	0.004%	0.006%	0.008%	0.010%	0.000%	0.000%	0.000%	0.000%
4	Other	0.010%	0.004%	0.006%	0.008%	0.010%	0.000%	0.000%	0.000%	0.000%
5	Other	0.010%	0.004%	0.006%	0.008%	0.010%	0.000%	0.000%	0.000%	0.000%
6	Other	0.121%	0.048%	0.073%	0.097%	0.115%	0.000%	0.000%	0.000%	0.000%
Darkblotched										
1	Petrale						11.487%	11.402%		
2	Petrale						8.399%	13.075%		
6	Petrale						7.161%	6.725%		
1	Flatfish						1.426%			
2	Flatfish						1.055%			
3	Flatfish						2.058%			
4	Flatfish						1.089%			
5	Flatfish						1.833%			
6	Flatfish						3.187%			
1	DTS	0.567%					0.280%	0.280%		0.000%
2	DTS	0.596%					0.298%	0.298%		0.000%
3	DTS	1.483%					0.717%	0.649%		0.000%
4	DTS	0.563%					0.279%	0.222%		0.000%
5	DTS	1.168%					0.584%	0.557%		0.000%
6	DTS	0.731%					0.365%	0.350%		0.000%
1	Other	3.675%	0.000%	0.184%	0.184%	0.368%	2.205%	0.551%	0.368%	0.000%

**TABLE 4.2-3a Bycatch rates used in modeling trawl fishery consequences south of 40°10' N latitude for the 2003 season.
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2-mo. per.	Target fishery	All depths	In depths shallower than:				In depths deeper than:			
			50 fm	75 fm	100 fm	125 fm	150 fm	180 fm	200 fm	250 fm
2	Other	2.450%	0.000%	0.123%	0.123%	0.245%	1.470%	0.368%	0.245%	0.000%
3	Other	2.450%	0.000%	0.123%	0.123%	0.245%	1.470%	0.368%	0.245%	0.000%
4	Other	2.100%	0.000%	0.105%	0.105%	0.210%	1.260%	0.315%	0.210%	0.000%
5	Other	1.575%	0.000%	0.079%	0.079%	0.158%	0.945%	0.236%	0.158%	0.000%
6	Other	2.975%	0.000%	0.149%	0.149%	0.298%	1.785%	0.446%	0.298%	0.000%
Widow										
1	Petrale						0.446%	0.000%		
2	Petrale						1.410%	0.000%		
6	Petrale						0.008%	0.000%		
1	Flatfish	0.112%	0.000%	0.000%	0.043%	0.022%	0.062%			
2	Flatfish	0.059%	0.000%	0.000%	0.017%	0.014%	0.026%			
3	Flatfish	0.900%	0.102%	0.049%	0.073%	0.058%	0.167%			
4	Flatfish	1.191%	0.000%	0.000%	1.174%	1.007%	0.148%			
5	Flatfish	0.255%	0.156%	0.316%	0.163%	0.118%	0.086%			
6	Flatfish	0.791%	0.000%	0.000%	0.000%	1.496%	0.056%			
1	DTS	0.006%					0.006%	0.000%		0.000%
2	DTS	0.020%					0.020%	0.000%		0.000%
3	DTS	0.283%					0.141%	0.000%		0.000%
4	DTS	0.003%					0.003%	0.000%		0.000%
5	DTS	0.009%					0.009%	0.000%		0.000%
6	DTS	0.010%					0.010%	0.000%		0.000%
1	Other	7.000%	0.350%	1.400%	2.100%	2.800%	0.700%	0.000%	0.000%	0.000%
2	Other	0.490%	0.025%	0.098%	0.147%	0.196%	0.049%	0.000%	0.000%	0.000%
3	Other	0.700%	0.035%	0.140%	0.210%	0.280%	0.070%	0.000%	0.000%	0.000%
4	Other	1.120%	0.056%	0.224%	0.336%	0.448%	0.112%	0.000%	0.000%	0.000%
5	Other	0.980%	0.049%	0.196%	0.294%	0.392%	0.098%	0.000%	0.000%	0.000%
6	Other	0.560%	0.028%	0.112%	0.168%	0.224%	0.056%	0.000%	0.000%	0.000%
Bocaccio										
1	Petrale						0.080%	0.053%		
2	Petrale						1.000%	0.000%		
6	Petrale						0.000%	0.000%		
1	Flatfish	2.840%	0.000%	2.017%	3.879%	4.082%	0.504%			
2	Flatfish	2.320%	1.548%	0.623%	2.113%	4.494%	0.105%			
3	Flatfish	2.279%	0.373%	0.373%	0.595%	0.981%	1.724%			
4	Flatfish	2.163%	0.000%	0.000%	0.459%	0.682%	0.021%			
5	Flatfish	2.032%	0.000%	0.000%	0.596%	0.724%	0.503%			
6	Flatfish	2.648%	0.000%	0.000%	5.236%	3.039%	0.204%			
1	DTS	0.017%					0.007%	0.007%		0.000%
2	DTS	0.066%					0.026%	0.026%		0.000%
3	DTS	0.146%					0.049%	0.045%		0.000%
4	DTS	0.067%					0.002%	0.001%		0.000%
5	DTS	0.195%					0.070%	0.070%		0.000%
6	DTS	0.007%					0.003%	0.003%		0.000%
1	Other	1.400%	0.070%	0.140%	0.280%	0.350%	0.140%	0.070%		0.000%
2	Other	0.050%	0.003%	0.005%	0.010%	0.013%	0.005%	0.003%		0.000%
3	Other	21.193%	1.060%	2.119%	4.239%	5.298%	2.119%	1.060%		0.000%
4	Other	0.050%	0.003%	0.005%	0.010%	0.013%	0.005%	0.003%		0.000%
5	Other	0.619%	0.031%	0.062%	0.124%	0.155%	0.062%	0.031%		0.000%
6	Other	0.162%	0.008%	0.016%	0.032%	0.041%	0.016%	0.008%		0.000%

**TABLE 4.2-3b Bycatch rates used in modeling trawl fishery consequences north of 40°10' N latitude for the 2003 season.
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2-mo per.	Target fishery	All depths	In depths shallower than:				In depths deeper than:			
			50 fm	75 fm	100 fm	125 fm	150 fm	180 fm	200 fm	250 fm
Lingcod										
1	DTS	0.030%	0.000%	0.000%	0.000%	0.000%	0.030%	0.000%	0.000%	0.000%
2	DTS	0.275%	0.000%	0.300%	0.000%	1.032%	0.272%	0.000%	0.000%	0.000%
3	DTS	0.651%	0.000%	1.594%	1.335%	5.156%	0.334%	0.000%	0.000%	0.000%
4	DTS	0.818%	0.000%	3.783%	4.651%	4.189%	0.206%	0.000%	0.000%	0.000%
5	DTS	1.175%	0.000%	4.609%	4.900%	6.557%	0.778%	0.000%	0.000%	0.000%
6	DTS	0.055%	0.000%	0.000%	0.000%	1.951%	0.052%	0.000%	0.000%	0.000%
1	Flatfish	0.214%	1.395%	1.303%	1.184%	1.611%	0.160%	0.000%		
2	Flatfish	1.493%	2.440%	2.752%	4.830%	6.215%	0.649%	0.000%		
3	Flatfish	1.558%	0.345%	0.953%	1.594%	2.095%	0.635%	0.000%		
4	Flatfish	2.123%	0.767%	1.383%	2.016%	2.546%	0.765%	0.000%		
5	Flatfish	2.370%	0.619%	1.905%	2.370%	2.971%	1.014%	0.000%		
6	Flatfish	1.080%	2.802%	3.653%	2.778%	2.816%	0.715%	0.000%		
1	Arrowtooth	0.030%					0.005%	0.000%		
2	Arrowtooth	0.200%					0.115%	0.000%		
6	Arrowtooth	0.030%					0.005%	0.000%		
1	Petrale	0.612%					0.551%	0.000%		
2	Petrale	1.752%					1.250%	0.000%		
6	Petrale	0.759%					0.532%	0.000%		
1	Midwater W/Yt	0.072%								
2	Midwater W/Yt	0.000%								
3	Midwater W/Yt	0.000%								
4	Midwater W/Yt	0.681%								
5	Midwater W/Yt	0.712%								
6	Midwater W/Yt	0.000%								
1	Other	1.650%	0.330%	1.238%	1.650%	1.650%	0.330%	0.000%	0.000%	0.000%
2	Other	0.500%	0.100%	0.375%	0.500%	0.500%	0.100%	0.000%	0.000%	0.000%
3	Other	0.850%	0.170%	0.638%	0.850%	0.850%	0.170%	0.000%	0.000%	0.000%
4	Other	2.900%	0.580%	2.175%	2.900%	2.900%	0.580%	0.000%	0.000%	0.000%
5	Other	3.150%	0.630%	2.363%	3.150%	3.150%	0.630%	0.000%	0.000%	0.000%
6	Other	1.950%	0.390%	1.463%	1.950%	1.950%	0.390%	0.000%	0.000%	0.000%
Canary										
1	DTS	0.010%	0.000%	0.101%	0.101%	0.101%	0.000%	0.000%	0.000%	0.000%
2	DTS	0.010%	0.000%	0.200%	0.035%	0.021%	0.000%	0.000%	0.000%	0.000%
3	DTS	0.010%	0.000%	0.119%	0.208%	0.130%	0.000%	0.000%	0.000%	0.000%
4	DTS	0.300%	0.000%	1.362%	1.403%	1.690%	0.000%	0.000%	0.000%	0.000%
5	DTS	0.797%	0.000%	10.359%	6.348%	5.170%	0.000%	0.000%	0.000%	0.000%
6	DTS	0.010%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
1	Flatfish	0.048%	0.191%	0.098%	0.230%	0.202%	0.000%	0.000%		
2	Flatfish	0.120%	0.386%	0.335%	0.469%	0.586%	0.000%	0.000%		
3	Flatfish	0.236%	0.030%	0.257%	0.437%	0.373%	0.000%	0.000%		
4	Flatfish	0.895%	0.091%	0.436%	1.260%	1.132%	0.000%	0.000%		

**TABLE 4.2-3b Bycatch rates used in modeling trawl fishery consequences north of 40°10' N latitude for the 2003 season.
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2-mo per.	Target fishery	All depths	In depths shallower than:				In depths deeper than:			
			50 fm	75 fm	100 fm	125 fm	150 fm	180 fm	200 fm	250 fm
5	Flatfish	0.367%	0.405%	0.431%	0.488%	0.519%	0.000%	0.000%		
6	Flatfish	0.050%	0.046%	0.264%	0.214%	0.274%	0.000%	0.000%		
1	Arrowtooth	0.010%					0.000%	0.000%		
2	Arrowtooth	0.010%					0.000%	0.000%		
6	Arrowtooth	0.010%					0.000%	0.000%		
1	Petrale	0.012%					0.000%	0.000%		
2	Petrale	0.452%					0.000%	0.000%		
6	Petrale	0.012%					0.000%	0.000%		
1	Midwater W/Yt	0.013%								
2	Midwater W/Yt	0.058%								
3	Midwater W/Yt	2.758%								
4	Midwater W/Yt	0.971%								
5	Midwater W/Yt	0.775%								
6	Midwater W/Yt	0.011%								
1	Other	0.010%	0.004%	0.009%	0.010%	0.010%	0.000%	0.000%	0.000%	0.000%
2	Other	0.100%	0.040%	0.090%	0.100%	0.100%	0.000%	0.000%	0.000%	0.000%
3	Other	0.500%	0.200%	0.450%	0.500%	0.500%	0.000%	0.000%	0.000%	0.000%
4	Other	1.000%	0.400%	0.900%	1.000%	1.000%	0.000%	0.000%	0.000%	0.000%
5	Other	0.150%	0.060%	0.135%	0.150%	0.150%	0.000%	0.000%	0.000%	0.000%
6	Other	0.100%	0.040%	0.090%	0.100%	0.100%	0.000%	0.000%	0.000%	0.000%
POP										
1	DTS	0.522%	0.000%	0.000%	0.631%	0.631%	0.521%	0.472%	0.474%	0.395%
2	DTS	1.243%	0.000%	0.000%	3.285%	4.672%	1.202%	1.132%	1.017%	0.472%
3	DTS	1.985%	0.000%	0.000%	2.743%	4.029%	1.705%	1.280%	1.116%	0.482%
4	DTS	1.562%	0.000%	0.000%	1.926%	4.545%	1.078%	0.918%	0.714%	0.497%
5	DTS	0.646%	0.000%	0.000%	0.764%	2.423%	0.385%	0.316%	0.298%	0.141%
6	DTS	1.014%	0.000%	0.000%	0.000%	15.454%	0.992%	0.777%	0.397%	0.329%
1	Flatfish	1.315%	0.000%	0.000%	0.306%	0.859%	1.330%	0.884%		
2	Flatfish	3.003%	0.000%	0.000%	2.706%	2.733%	2.391%	1.225%		
3	Flatfish	4.464%	0.000%	0.000%	2.262%	3.218%	6.824%	5.771%		
4	Flatfish	1.865%	0.000%	0.000%	0.627%	1.461%	2.570%	1.698%		
5	Flatfish	2.929%	0.000%	0.000%	0.529%	1.602%	4.211%	2.155%		
6	Flatfish	1.319%	0.000%	0.000%	0.481%	0.707%	1.325%	1.378%		
1	Arrowtooth	2.369%					2.369%	2.369%		
2	Arrowtooth	3.160%					1.129%	1.184%		
6	Arrowtooth	2.276%					2.276%	2.276%		
1	Petrale	2.337%					2.415%	1.454%		
2	Petrale	5.555%					6.122%	4.163%		
6	Petrale	6.903%					7.232%	7.477%		
1	Midwater W/Yt	0.000%								
2	Midwater W/Yt	0.009%								
3	Midwater	0.000%								

**TABLE 4.2-3b Bycatch rates used in modeling trawl fishery consequences north of 40°10' N latitude for the 2003 season.
(Page 3 of 4)**

2-mo per.	Target fishery	All depths	In depths shallower than:				In depths deeper than:			
			50 fm	75 fm	100 fm	125 fm	150 fm	180 fm	200 fm	250 fm
4	W/Yt Midwater W/Yt	0.000%								
5	Midwater W/Yt	0.241%								
6	Midwater W/Yt	0.001%								
1	Other	11.500%	0.000%	0.000%	1.150%	4.600%	6.900%	3.450%	2.300%	0.000%
2	Other	2.750%	0.000%	0.000%	0.275%	1.100%	1.650%	0.825%	0.550%	0.000%
3	Other	5.000%	0.000%	0.000%	0.500%	2.000%	3.000%	1.500%	1.000%	0.000%
4	Other	10.750%	0.000%	0.000%	1.075%	4.300%	6.450%	3.225%	2.150%	0.000%
5	Other	4.250%	0.000%	0.000%	0.425%	1.700%	2.550%	1.275%	0.850%	0.000%
6	Other	5.650%	0.000%	0.000%	0.565%	2.260%	3.390%	1.695%	1.130%	0.000%
Darkblotched										
1	DTS	0.656%	0.000%	0.000%	0.000%	2.000%	1.127%	1.028%	0.896%	0.000%
2	DTS	0.564%	0.000%	0.000%	0.000%	20.000%	1.047%	1.036%	0.974%	0.000%
3	DTS	2.374%	0.000%	0.000%	0.000%	6.890%	1.930%	1.728%	1.452%	0.000%
4	DTS	1.570%	0.000%	0.000%	0.000%	6.286%	1.139%	0.915%	0.683%	0.000%
5	DTS	0.825%	0.000%	0.000%	0.000%	2.442%	1.325%	1.202%	1.153%	0.000%
6	DTS	0.408%	0.000%	0.000%	0.000%	0.000%	2.483%	2.484%	2.330%	0.000%
1	Flatfish	1.804%	0.000%	0.000%	0.500%	10.279%	1.764%	1.721%		
2	Flatfish	1.983%	0.000%	0.000%	0.500%	2.621%	1.909%	1.432%		
3	Flatfish	3.170%	0.000%	0.000%	0.500%	2.809%	3.006%	2.510%		
4	Flatfish	3.701%	0.000%	0.000%	0.500%	4.074%	3.258%	2.617%		
5	Flatfish	3.264%	0.000%	0.000%	0.500%	5.791%	2.149%	1.207%		
6	Flatfish	1.141%	0.000%	0.000%	0.500%	6.183%	0.973%	0.955%		
1	Arrowtooth	0.180%					0.180%	0.180%		
2	Arrowtooth	0.537%					0.533%	0.551%		
6	Arrowtooth	0.500%					0.500%	0.500%		
1	Petrale	3.940%					4.020%	4.317%		
2	Petrale	5.456%					5.164%	4.587%		
6	Petrale	3.037%					3.072%	2.870%		
1	Midwater W/Yt	0.030%								
2	Midwater W/Yt	0.030%								
3	Midwater W/Yt	0.030%								
4	Midwater W/Yt	0.030%								
5	Midwater W/Yt	0.030%								
6	Midwater W/Yt	0.030%								
1	Other	5.250%	0.000%	0.525%	1.050%	2.100%	3.150%	0.788%	0.525%	0.000%
2	Other	3.500%	0.000%	0.350%	0.700%	1.400%	2.100%	0.525%	0.350%	0.000%
3	Other	3.500%	0.000%	0.350%	0.700%	1.400%	2.100%	0.525%	0.350%	0.000%
4	Other	3.000%	0.000%	0.300%	0.600%	1.200%	1.800%	0.450%	0.300%	0.000%
5	Other	2.250%	0.000%	0.225%	0.450%	0.900%	1.350%	0.338%	0.225%	0.000%
6	Other	4.250%	0.000%	0.425%	0.850%	1.700%	2.550%	0.638%	0.425%	0.000%

**TABLE 4.2-3b Bycatch rates used in modeling trawl fishery consequences north of 40°10' N latitude for the 2003 season.
(Page 4 of 4)**

2-mo per.	Target fishery	All depths	In depths shallower than:				In depths deeper than:			
			50 fm	75 fm	100 fm	125 fm	150 fm	180 fm	200 fm	250 fm
Widow										
1	DTS	0.401%	0.000%	15.467%	15.467%	15.467%	0.311%	0.000%	0.000%	0.000%
2	DTS	0.152%	0.000%	0.200%	0.051%	0.028%	0.152%	0.000%	0.000%	0.000%
3	DTS	0.198%	0.000%	0.000%	0.144%	1.089%	0.158%	0.000%	0.000%	0.000%
4	DTS	0.303%	0.000%	0.576%	0.610%	0.665%	0.132%	0.000%	0.000%	0.000%
5	DTS	0.259%	0.000%	3.484%	1.934%	1.394%	0.149%	0.000%	0.000%	0.000%
6	DTS	0.051%	0.000%	0.000%	6.710%	6.245%	0.041%	0.000%	0.000%	0.000%
1	Flatfish	0.220%	0.013%	0.000%	1.358%	1.172%	0.185%	0.000%		
2	Flatfish	0.146%	0.000%	0.015%	0.602%	0.502%	0.095%	0.000%		
3	Flatfish	0.200%	0.016%	0.210%	0.244%	0.246%	0.137%	0.000%		
4	Flatfish	0.471%	0.011%	0.126%	0.443%	0.552%	0.174%	0.000%		
5	Flatfish	0.108%	0.025%	0.013%	0.031%	0.067%	0.059%	0.000%		
6	Flatfish	0.098%	0.011%	0.001%	0.112%	0.323%	0.003%	0.000%		
1	Arrowtooth	0.050%					0.050%	0.000%		
2	Arrowtooth	0.085%					0.026%	0.000%		
6	Arrowtooth	0.030%					0.030%	0.000%		
1	Petrale	0.160%					0.167%	0.000%		
2	Petrale	0.162%					0.039%	0.000%		
6	Petrale	0.147%					0.028%	0.000%		
1	Other	10.000%	0.500%	4.000%	5.000%	10.000%	1.000%	0.000%	0.000%	0.000%
2	Other	0.700%	0.035%	0.280%	0.350%	0.700%	0.070%	0.000%	0.000%	0.000%
3	Other	1.000%	0.050%	0.400%	0.500%	1.000%	0.100%	0.000%	0.000%	0.000%
4	Other	1.600%	0.080%	0.640%	0.800%	1.600%	0.160%	0.000%	0.000%	0.000%
5	Other	1.400%	0.070%	0.560%	0.700%	1.400%	0.140%	0.000%	0.000%	0.000%
6	Other	0.800%	0.040%	0.320%	0.400%	0.800%	0.080%	0.000%	0.000%	0.000%

TABLE 4.2-4. Yelloweye rockfish distribution by depth from the IPHC Survey. Halibut distribution by depth from IPHC commercial fishery logbooks. Halibut catch from 1996-2000 commercial logbooks.

Depth (fm)	Percent Weighted Yelloweye Catch ^{1/}	Percent Commercial Halibut Catch
0-50	0.5%	2.3%
51-100	99.1%	7.7%
101-150	0.1%	35.2%
151-200	0.3%	36.5%
>200	0.0%	18.2%
All depths	100.0%	100.0%

1/ Yelloweye catch weighted by the number of hooks set per depth stratum (first 20 hooks per skate sampled).

TABLE 4.2-5. Effects of proposed regulation of a minimum distance of four fathoms between lower spread and cannonball for non-Indian commercial salmon troll fishery. Data are catch per day by spread location of fish encountered in a study of troll gear encounter rates for coho and chinook salmon off central Oregon (Lawson 1990). Gear configurations included 4, 7, and 10 spreads. The bottom spread was located 2 fm above the cannonball and subsequent spreads were located at 2 fm intervals.

Species	Distance Above Cannonball (fathoms)										Effect of Regulation - Catch Rate Change ^{1/}	
	20	18	16	14	12	10	8	6	4	2		
Coho	2.042	2.000	2.417	3.417	2.854	2.667	2.917	1.819	1.458	1.042	22.633	22.5%
Chinook Shakers		0.042	0.167	0.271	0.354	0.375	0.681	0.931	1.125	1.417	5.363	-25.1%
Chinook		0.042	0.042	0.125	0.250	0.542	1.042	1.847	1.944	2.431	8.265	-26.0%
Rockfish												
Black							0.014	0.028	0.069	0.069	0.180	-38.3%
Blue								0.028	0.000	0.028	0.028	0.0%
Brown						0.021			0.028	0.042	0.091	-30.0%
Canary								0.014	0.264	0.278	0.278	-95.0%
Chilipepper								0.014	0.014	0.014	0.014	-100.0%
Pacific Ocean Perch						0.014				0.014	0.014	0.0%
Yelloweye							0.014	0.014			0.028	0.0%
Yellowtail		0.042					0.014	0.042	0.153	0.251	0.251	-73.2%
Unspecified								0.014	0.056	0.070	0.070	-80.0%
Lingcod							0.014	0.097	0.903	1.014	1.014	-89.1%
Other Groundfish ^{2/}		0.021	0.042	0.042	0.007	0.097	0.222	0.570	1.064	1.064	1.064	-55.1%
Pacific Halibut							0.042	0.472	0.514	0.514	0.514	-91.8%

1/ Based on maximum 4-spread configuration, which is the current regulation for Oregon ocean waters south of Cape Falcon. Calculated as the total catch/day for the four spreads 4 to 10 fm above the cannonball divided by the sum of catch/day for the four spreads 2 to 8 fm above the cannonball.

2/ Primarily hake and flatfish.

TABLE 4.2-6. Draft latitude/longitude coordinates for proposed recreational halibut "open" areas in waters off Washington for 2003 under the *Low OY Alternative*.

Columbia River	South Coast		North Coast	
46.20.00 N. lat.	124.39.00 W. Long.	47.18.50 N. lat.	124.52.50 W. Long.	48.15.00 N. lat.
46.20.00 N. lat.	124.36.00 W. Long.	47.18.50 N. lat.	124.50.50 W. Long.	125.32.50 W. Long.
46.18.50 N. lat.	124.39.00 W. Long.	47.17.00 N. lat.	124.52.50 W. Long.	48.15.00 N. lat.
46.18.50 N. lat.	124.36.00 W. Long.	47.17.00 N. lat.	124.50.50 W. Long.	125.32.50 W. Long.
		47.30.00 N. lat.	124.53.50 W. Long.	48.16.50 N. lat.
		47.30.00 N. lat.	124.52.00 W. Long.	125.19.50 W. Long.
		47.29.00 N. lat.	124.53.50 W. Long.	48.16.50 N. lat.
		47.29.00 N. lat.	124.52.00 W. Long.	125.22.00 W. Long.
		47.02.00 N. lat.	124.58.40 W. Long.	48.17.50 N. lat.
		47.02.00 N. lat.	124.56.40 W. Long.	125.19.50 W. Long.
		47.01.00 N. lat.	124.58.40 W. Long.	48.18.00 N. lat.
		47.01.00 N. lat.	124.56.40 W. Long.	125.05.50 W. Long.
		47.00.50 N. lat.	124.56.50 W. Long.	48.18.00 N. lat.
		47.00.50 N. lat.	124.55.00 W. Long.	125.07.00 W. Long.
		46.59.50 N. lat.	124.56.50 W. Long.	48.12.50 N. lat.
		46.59.50 N. lat.	124.55.00 W. Long.	125.04.00 W. Long.
				48.12.50 N. lat.
				125.05.00 W. Long.
				48.13.50 N. lat.
				125.04.00 W. Long.
				48.13.50 N. lat.
				125.05.00 W. Long.
				47.58.00 N. lat.
				125.14.00 W. Long.
				47.58.00 N. lat.
				125.17.00 W. Long.
				47.59.00 N. lat.
				125.14.00 W. Long.
				47.59.00 N. lat.
				125.17.00 W. Long.

TABLE 4.3-1. Reported baseline West Coast fishery exvessel revenue for the commercial fishery and projections for status quo and the management alternatives.

	Baseline (11/00- 10/01)	Status Quo (2002)	Allocation Committee with No Depth Mngmt	Allocation Committee With Depth Mngmt	Council Pref Alt	Council Pref Alt without Nearshore Caps
Reported and Projected Exvessel Revenue (\$ millions)						
All Council Managed Groundfish	59.9	55.4	37.0	54.4	38.6	45.0
All Council Managed Groundfish Except Catch-Processor Deliveries	55.5	52.2	34.1	50.4	35.4	41.7
All Council Managed Groundfish Except Catch-Processor and Mothership Deliveries	52.1	49.7	32.0	47.4	32.8	39.2
All Council Managed Groundfish Except At-sea and Shoreside Whiting Deliveries	46.0	45.4	28.4	42.5	28.8	35.1
All West Coast Landings and At-Sea Deliveries	230.8	224.0	170.6	225.2	209.5	215.8
All West Coast Landings and Deliveries Except Catch-Processor Deliveries	226.3	220.8	167.7	221.3	206.2	212.5
All West Coast Landings and Deliveries Except Catch-Processor and Mothership Deliveries	222.9	218.3	165.5	218.2	203.7	210.0
All West Coast Landings and Deliveries Except At-sea and Shoreside Whiting Deliveries	216.8	214.0	162.0	213.4	199.6	206.0
Change Relative to Baseline (\$ millions)						
All Council Managed Groundfish	-5	-23	-6	-21	-15	-13
All Council Managed Groundfish Except Catch-Processor Deliveries	-3	-21	-5	-20	-14	-11
All Council Managed Groundfish Except Catch-Processor and Mothership Deliveries	-2	-20	-5	-19	-13	-11
All Council Managed Groundfish Except At-sea and Shoreside Whiting Deliveries	-1	-18	-3	-17	-11	-9
All West Coast Landings and At-Sea Deliveries	-7	-60	-6	-21	-15	-13
All West Coast Landings and Deliveries Except Catch-Processor Deliveries	-6	-59	-5	-20	-14	-11
All West Coast Landings and Deliveries Except Catch-Processor and Mothership Deliveries	-5	-57	-5	-19	-13	-11
All West Coast Landings and Deliveries Except At-sea and Shoreside Whiting Deliveries	-3	-55	-3	-17	-11	-9
Change Relative to Baseline (percent)						
All Council Managed Groundfish	-8%	-38%	-9%	-36%	-25%	-21%
All Council Managed Groundfish Except Catch-Processor Deliveries	-6%	-38%	-9%	-36%	-25%	-21%
All Council Managed Groundfish Except Catch-Processor and Mothership Deliveries	-5%	-39%	-9%	-37%	-25%	-20%
All Council Managed Groundfish Except At-sea and Shoreside Whiting Deliveries	-1%	-38%	-8%	-37%	-24%	-19%
All West Coast Landings and At-Sea Deliveries	-3%	-26%	-2%	-9%	-6%	-5%
All West Coast Landings and Deliveries Except Catch-Processor Deliveries	-2%	-26%	-2%	-9%	-6%	-5%
All West Coast Landings and Deliveries Except Catch-Processor and Mothership Deliveries	-2%	-26%	-2%	-9%	-6%	-5%
All West Coast Landings and Deliveries Except At-sea and Shoreside Whiting Deliveries	-1%	-25%	-2%	-8%	-5%	-4%
Change Relative to Projected Status Quo (\$ millions)						
All Council Managed Groundfish	5	-18	-1	-17	-10	-8
All Council Managed Groundfish Except Catch-Processor Deliveries	3	-18	-2	-17	-10	-8
All Council Managed Groundfish Except Catch-Processor and Mothership Deliveries	2	-18	-2	-17	-11	-8
All Council Managed Groundfish Except At-sea and Shoreside Whiting Deliveries	1	-17	-3	-17	-10	-8
All West Coast Landings and At-Sea Deliveries	7	-53	1	-15	-8	-6
All West Coast Landings and Deliveries Except Catch-Processor Deliveries	6	-53	0	-15	-8	-6
All West Coast Landings and Deliveries Except Catch-Processor and Mothership Deliveries	5	-53	-0	-15	-8	-6
All West Coast Landings and Deliveries Except At-sea and Shoreside Whiting Deliveries	3	-52	-1	-14	-8	-6
Change Relative to Projected Status Quo (percent)						
All Council Managed Groundfish	8%	-33%	-2%	-30%	-19%	-15%
All Council Managed Groundfish Except Catch-Processor Deliveries	6%	-35%	-3%	-32%	-20%	-16%
All Council Managed Groundfish Except Catch-Processor and Mothership Deliveries	5%	-36%	-5%	-34%	-21%	-17%
All Council Managed Groundfish Except At-sea and Shoreside Whiting Deliveries	1%	-37%	-6%	-37%	-23%	-17%
All West Coast Landings and At-Sea Deliveries	3%	-24%	1%	-6%	-4%	-3%
All West Coast Landings and Deliveries Except Catch-Processor Deliveries	3%	-24%	0%	-7%	-4%	-3%
All West Coast Landings and Deliveries Except Catch-Processor and Mothership Deliveries	2%	-24%	-0%	-7%	-4%	-3%
All West Coast Landings and Deliveries Except At-sea and Shoreside Whiting Deliveries	1%	-24%	-0%	-7%	-4%	-3%

TABLE 4.3-2a. Projected exvessel revenue of all species by level of vessel dependence on groundfish under each alternative. (Page 1 of 2)

Dependence on Groundfish	Baseline (11/00-10/01)	Alternatives					Preferred Option (no caps)
		Low OY	High OY	Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	
		Exvessel Revenue (\$ thousands of all species)					
Limited Entry Trawl							
>0% & <5%	717	708	711	711	709	711	711
>5% & <35%	2,908	2,407	2,981	2,837	2,458	2,959	2,959
>35% & <65%	10,501	8,680	10,354	8,836	8,469	9,886	9,886
>65% & <95%	17,970	13,249	16,483	13,000	12,914	15,059	15,059
>95% & <100%	18,959	12,692	16,582	12,645	12,634	14,866	14,866
No Groundfish Landing In Base Period	969	969	969	969	969	969	969
Total	52,024	38,706	48,080	38,998	38,154	44,450	44,450
Limited Entry Longline and Fishpot							
>0% & <5%	1,938	1,361	1,943	1,927	1,897	1,932	1,932
>5% & <35%	5,395	4,840	5,430	4,921	4,808	5,168	5,168
>35% & <65%	7,855	5,923	7,803	6,251	6,116	7,030	7,050
>65% & <95%	1,626	989	1,605	996	977	1,387	1,406
>95% & <100%	2,419	1,777	2,709	1,419	1,396	2,318	2,335
No Groundfish Landing In Base Period	1,053	1,013	1,053	1,053	1,053	1,053	1,053
Total	20,285	15,903	20,544	16,567	16,247	18,888	18,944
Open Access with >5% From Groundfish							
>5% & <35%	6,260	4,846	6,338	5,959	5,214	6,025	6,081
>35% & <65%	1,578	840	1,355	1,155	1,122	1,246	1,303
>65% & <95%	1,592	344	1,189	895	883	1,009	1,180
>95% & <100%	3,360	633	2,571	1,598	1,590	2,145	2,684
Total	12,790	6,663	11,453	9,607	8,809	10,425	11,248
Open Access with <5% of Revenue from Groundfish							
>0% & <5%	32,570	29,047	32,512	32,360	29,003	32,433	32,438
No Groundfish Landing In Base Period	126,110	94,846	126,110	126,110	124,796	126,110	126,110
Total	158,680	123,893	158,622	158,470	153,800	158,543	158,549
Grand Total	243,779	185,164	238,700	223,642	217,008	232,306	233,191
Difference Between Baseline and Alternative (\$ thousands)							
Limited Entry Trawl							
>0% & <5%	-8	-5	-6	-7	-5	-5	-5
>5% & <35%	-502	72	-71	-451	50	50	50
>35% & <65%	-1,820	-147	-1,665	-2,032	-615	-615	-615
>65% & <95%	-4,720	-1,486	-4,970	-5,056	-2,911	-2,911	-2,911
>95% & <100%	-6,267	-2,377	-6,314	-6,325	-4,093	-4,093	-4,093
No Groundfish Landing In Base Period	-0	0	0	-0	0	0	0
Total	-13,318	-3,943	-13,026	-13,870	-7,573	-7,574	-7,574
Limited Entry Longline and Fishpot							
>0% & <5%	-577	5	-11	-41	-6	-6	-6
>5% & <35%	-555	36	-474	-587	-227	-227	-227
>35% & <65%	-1,931	-51	-1,604	-1,739	-825	-825	-825
>65% & <95%	-638	-21	-631	-650	-239	-239	-220
>95% & <100%	-642	290	-1,000	-1,023	-101	-101	-84
No Groundfish Landing In Base Period	-40	0	0	0	0	0	0
Total	-4,383	259	-3,718	-4,039	-1,397	-1,397	-1,342
Open Access with >5% From Groundfish							
>5% & <35%	-1,413	78	-301	-1,046	-235	-235	-179
>35% & <65%	-738	-224	-423	-456	-332	-332	-275
>65% & <95%	-1,248	-403	-698	-710	-583	-583	-413
>95% & <100%	-2,727	-788	-1,762	-1,769	-1,215	-1,215	-675
Total	-6,127	-1,337	-3,183	-3,981	-2,365	-2,365	-1,542

TABLE 4.3-2a. Projected exvessel revenue of all species by level of vessel dependence on groundfish under each alternative. (Page 2 of 2)

Dependence on Groundfish	Baseline (11/00-10/01)	Alternatives					
		Low OY	High OY	Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	
Open Access with <5% of Revenue from Groundfish							
No Groundfish Landing In Base Period							
>0% & <5%	-3,523	-58	-210	-3,567	-137	-132	
Total	-31,264	0	0	-1,314	0	0	
Grand Total	-34,788	-58	-210	-4,881	-137	-132	
				-20,137	-26,771	-11,473	
						-10,588	
Percent Difference Between Baseline and Alternative (\$ thousands)							
Limited Entry Trawl							
>0% & <5%	-1%	-1%	-1%	-1%	-1%	-1%	
>5% & <35%	-17%	2%	-2%	-15%	2%	2%	
>35% & <65%	-17%	-1%	-16%	-19%	-6%	-6%	
>65% & <95%	-26%	-8%	-28%	-28%	-16%	-16%	
>95% & <100%	-33%	-13%	-33%	-33%	-22%	-22%	
No Groundfish Landing In Base Period	-0%	0%	0%	-0%	0%	0%	
Total	-26%	-8%	-25%	-27%	-15%	-15%	
Limited Entry Longline and Fishpot							
>0% & <5%	-30%	0%	-1%	-2%	-0%	-0%	
>5% & <35%	-10%	1%	-9%	-11%	-4%	-4%	
>35% & <65%	-25%	-1%	-20%	-22%	-11%	-10%	
>65% & <95%	-39%	-1%	-39%	-40%	-15%	-14%	
>95% & <100%	-27%	12%	-41%	-42%	-4%	-3%	
No Groundfish Landing In Base Period	-4%	0%	0%	0%	0%	0%	
Total	-22%	1%	-18%	-20%	-7%	-7%	
Open Access with >5% From Groundfish							
>5% & <35%	-23%	1%	-5%	-17%	-4%	-3%	
>35% & <65%	-47%	-14%	-27%	-29%	-21%	-17%	
>65% & <95%	-78%	-25%	-44%	-45%	-37%	-26%	
>95% & <100%	-81%	-23%	-52%	-53%	-36%	-20%	
Total	-48%	-10%	-25%	-31%	-18%	-12%	
Open Access with <5% of Revenue from Groundfish							
>0% & <5%	-11%	-0%	-1%	-11%	-0%	-0%	
No Groundfish Landing In Base Period	-25%	0%	0%	-1%	0%	0%	
Total	-22%	-0%	-0%	-3%	-0%	-0%	
Grand Total	-24%	-2%	-8%	-11%	-5%	-4%	

NOTE: At-sea catcher processors and tribal vessels are excluded from this table. All other landings to West Coast ports are included.

TABLE 4.3-2b. Projected exvessel revenue of groundfish species by level of vessel dependence on groundfish. (Page 1 of 2)

Dependence on Groundfish	Alternative						Preferred Option (no caps)
	Baseline (11/00-10/01)	Low OY	High OY	Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	
	Exvessel Revenue (\$ thousands)						
Limited Entry Trawl							
>0% & <5%	8	2	3	2	3	3	3
>5% & <35%	433	380	506	362	455	483	483
>35% & <65%	4,070	3,212	4,000	2,907	3,613	3,684	3,687
>65% & <95%	16,664	11,696	15,101	11,193	13,273	13,525	13,521
>95% & <100%	18,676	12,423	16,299	12,362	14,479	14,583	14,577
Total	39,851	27,712	35,908	26,826	31,823	32,278	32,272
Limited Entry Longline and Fishpot							
>0% & <5%	30	14	35	19	19	24	24
>5% & <35%	1,244	690	1,280	771	783	1,018	1,017
>35% & <65%	3,004	1,534	2,938	1,780	1,860	2,368	2,387
>65% & <95%	2,355	1,290	2,349	1,345	1,562	1,927	1,948
>95% & <100%	2,379	1,737	2,669	1,379	1,915	2,278	2,296
Total	9,012	5,266	9,271	5,294	6,139	7,614	7,673
Open Access with >5% From Groundfish							
>5% & <35%	798	208	877	497	514	564	620
>35% & <65%	722	117	506	352	383	433	482
>65% & <95%	1,454	143	1,043	704	783	828	1,013
>95% & <100%	3,327	608	2,538	1,565	1,882	2,112	2,668
Total	6,301	1,076	4,965	3,118	3,563	3,936	4,784
Open Access with <5% of Revenue from Groundfish							
>0% & <5%	334	87	275	123	175	197	202
Grand Total	55,499	34,141	50,419	35,361	41,700	44,026	44,930
Difference Between Baseline and Alternatives (\$ thousands)							
Limited Entry Trawl							
>0% & <5%	-6	-5	-6	-5	-5	-5	-5
>5% & <35%	-53	72	-71	22	50	50	50
>35% & <65%	-858	-70	-1,163	-458	-386	-383	-383
>65% & <95%	-4,968	-1,563	-5,472	-3,391	-3,140	-3,143	-3,143
>95% & <100%	-6,253	-2,377	-6,314	-4,197	-4,093	-4,098	-4,098
Total	-12,139	-3,943	-13,026	-8,029	-7,573	-7,580	-7,580
Limited Entry Longline and Fishpot							
>0% & <5%	-15	5	-11	-10	-6	-6	-6
>5% & <35%	-555	36	-474	-461	-227	-227	-227
>35% & <65%	-1,470	-66	-1,224	-1,144	-636	-617	-617
>65% & <95%	-1,065	-6	-1,010	-794	-428	-407	-407
>95% & <100%	-641	290	-1,000	-464	-101	-82	-82
Total	-3,746	259	-3,718	-2,873	-1,397	-1,339	-1,339
Open Access with >5% From Groundfish							
>5% & <35%	-591	78	-301	-285	-235	-178	-178
>35% & <65%	-605	-216	-370	-339	-289	-240	-240
>65% & <95%	-1,311	-411	-750	-671	-626	-441	-441
>95% & <100%	-2,718	-788	-1,762	-1,444	-1,215	-659	-659
Total	-5,225	-1,337	-3,183	-2,738	-2,365	-1,518	-1,518
Open Access with <5% of Revenue from Groundfish							
>0% & <5%	-247	-58	-210	-158	-137	-132	-132
Total	-21,358	-5,080	-20,137	-13,798	-11,473	-10,568	-10,568

TABLE 4.3-2b. Projected exvessel revenue of groundfish species by level of vessel dependence on groundfish. (Page 2 of 2)

Dependence on Groundfish	Alternative					
	Baseline (11/00-10/01)			Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option
		Low OY	High OY			
Percent Difference Between Baseline and Alternatives						
Limited Entry Trawl						
>0% & <5%		-74%	-65%	-73%	-65%	-66%
>5% & <35%		-12%	17%	-16%	5%	12%
>35% & <65%		-21%	-2%	-29%	-11%	-9%
>65% & <95%		-30%	-9%	-33%	-20%	-19%
>95% & <100%		-33%	-13%	-34%	-22%	-22%
Total		-30%	-10%	-33%	-20%	-19%
Limited Entry Longline and Fishpot						
>0% & <5%		-51%	18%	-35%	-35%	-20%
>5% & <35%		-45%	3%	-38%	-37%	-18%
>35% & <65%		-49%	-2%	-41%	-38%	-21%
>65% & <95%		-45%	-0%	-43%	-34%	-18%
>95% & <100%		-27%	12%	-42%	-20%	-4%
Total		-42%	3%	-41%	-32%	-16%
Open Access with >5% From Groundfish						
>5% & <35%		-74%	10%	-38%	-36%	-29%
>35% & <65%		-84%	-30%	-51%	-47%	-40%
>65% & <95%		-90%	-28%	-52%	-46%	-43%
>95% & <100%		-82%	-24%	-53%	-43%	-37%
Total		-83%	-21%	-51%	-43%	-38%
Open Access with <5% of Revenue from Groundfish						
>0% & <5%		-74%	-18%	-63%	-47%	-41%
Grand Total		-38%	-9%	-36%	-25%	-21%
NOTE: At-sea catcher processors and tribal vessels are excluded from this table. All other landings to West Coast ports are included.						

TABLE 4.3-3a. Projected exvessel revenue from all species by level of vessel gross revenue from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 1 of 2)

Gross Revenue Category	Alternative						
	Baseline (11/00-10/01)	Alloc Com (Status Quo)		Alloc Com with Depth Management		Preferred Option	Preferred Option (no caps)
		Low OY	High OY	Depth Mgmt	Management		
Exvessel Revenue (\$ thousands, all species)							
Limited Entry Trawl							
<\$5,000	5	4	5	4	4	4	4
\$5,000-\$50,000	218	226	276	234	246	269	269
\$50,000-200,000	15,086	12,680	15,343	11,940	14,260	14,275	14,275
>\$200,000	36,715	25,796	32,457	25,976	29,484	29,902	29,902
Total	52,024	38,706	48,080	38,154	43,995	44,450	44,450
Limited Entry Longline and Fishpot							
<\$5,000	16	9	11	8	10	11	11
\$5,000-\$50,000	1,835	1,466	2,052	1,380	1,633	1,828	1,840
\$50,000-200,000	8,981	6,963	8,965	6,823	7,540	8,212	8,246
>\$200,000	9,454	7,464	9,516	8,035	8,229	8,837	8,847
Total	20,285	15,903	20,544	16,247	17,413	18,888	18,944
Open Access with >5% From Groundfish							
<\$5,000	557	151	469	313	367	378	412
\$5,000-\$50,000	6,692	2,640	5,754	4,149	4,715	4,983	5,631
\$50,000-200,000	5,541	3,873	5,231	4,347	4,970	5,064	5,205
Total	12,790	6,663	11,453	8,809	10,051	10,425	11,248
Open Access with <5% of Revenue from Groundfish							
<\$5,000	112	93	112	98	111	111	111
\$5,000-\$50,000	6,003	5,404	5,993	5,357	5,978	5,980	5,980
\$50,000-200,000	17,086	14,277	17,066	14,319	17,011	17,019	17,024
>\$200,000	9,369	9,273	9,341	9,230	9,311	9,323	9,323
Total	32,570	29,047	32,512	29,003	32,411	32,433	32,438
Nongroundfish Vessels							
<\$5,000	1,874	1,621	1,874	1,666	1,874	1,874	1,874
\$5,000-\$50,000	24,421	24,032	24,421	24,083	24,421	24,421	24,421
\$50,000-200,000	50,681	47,166	50,681	50,231	50,681	50,681	50,681
>\$200,000	49,135	22,028	49,135	48,816	49,135	49,135	49,135
Total	126,110	94,846	126,110	124,796	126,110	126,110	126,110
Grand Total	243,779	185,164	238,700	217,008	229,981	232,306	233,191
Limited Entry Trawl							
<\$5,000	-1	-0	-1	-1	-1	-1	-1
\$5,000-\$50,000	8	58	15	28	51	51	51
\$50,000-200,000	-2,406	257	-3,146	-826	-811	-811	-811
>\$200,000	-10,919	-4,258	-10,739	-7,231	-6,813	-6,813	-6,813
Total	-13,318	-3,943	-13,870	-8,029	-7,573	-7,573	-7,574
Limited Entry Longline and Fishpot							
<\$5,000	-6	-4	-7	-6	-5	-5	-5
\$5,000-\$50,000	-368	217	-454	-202	-7	-7	5
\$50,000-200,000	-2,018	-16	-2,158	-1,441	-768	-768	-734
>\$200,000	-1,990	62	-1,420	-1,225	-618	-618	-608
Total	-4,383	259	-4,039	-2,873	-1,397	-1,397	-1,342
Open Access with >5% From Groundfish							
<\$5,000	-406	-88	-244	-190	-179	-179	-144
\$5,000-\$50,000	-4,052	-938	-2,543	-1,977	-1,709	-1,709	-1,061
\$50,000-200,000	-1,668	-311	-1,195	-571	-477	-477	-337
Total	-6,127	-1,337	-3,981	-2,738	-2,365	-2,365	-1,542

TABLE 4.3-3a. Projected exvessel revenue from all species by level of vessel gross revenue from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 2 of 2)

Gross Revenue Category	Baseline (11/00-10/01)	Alternative					Preferred Option (no caps)
		Low OY	High OY	Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	
Open Access with <5% of Revenue from Groundfish							
<\$5,000		-19	-1	-14	-1	-1	-1
\$5,000-\$50,000		-600	-11	-647	-26	-24	-23
\$50,000-200,000		-2,809	-20	-2,767	-75	-67	-62
>\$200,000		-96	-27	-139	-57	-45	-45
Total		-3,523	-58	-3,567	-158	-137	-132
Nongroundfish Vessels							
<\$5,000		-253	0	-207	0	0	0
\$5,000-\$50,000		-389	0	-338	0	0	0
\$50,000-200,000		-3,515	0	-450	0	0	0
>\$200,000		-27,107	0	-319	0	0	0
Total		-31,264	0	-1,314	0	0	0
Grand Total		-58,615	-5,080	-26,771	-13,798	-11,473	-10,588
Percent Difference Between Baseline and Alternatives							
Limited Entry Trawl							
<\$5,000		-19%	-6%	-14%	-14%	-14%	-14%
\$5,000-\$50,000		4%	27%	7%	13%	23%	23%
\$50,000-200,000		-16%	2%	-21%	-5%	-5%	-5%
>\$200,000		-30%	-12%	-29%	-20%	-19%	-19%
Total		-26%	-8%	-27%	-15%	-15%	-15%
Limited Entry Longline and Fishpot							
<\$5,000		-41%	-26%	-46%	-35%	-31%	-31%
\$5,000-\$50,000		-20%	12%	-25%	-11%	-0%	0%
\$50,000-200,000		-22%	-0%	-24%	-16%	-9%	-8%
>\$200,000		-21%	1%	-15%	-13%	-7%	-6%
Total		-22%	1%	-20%	-14%	-7%	-7%
Open Access with >5% From Groundfish							
<\$5,000		-73%	-16%	-44%	-34%	-32%	-26%
\$5,000-\$50,000		-61%	-14%	-38%	-30%	-26%	-16%
\$50,000-200,000		-30%	-6%	-22%	-10%	-9%	-6%
Total		-48%	-10%	-31%	-21%	-18%	-12%
Open Access with <5% of Revenue from Groundfish							
<\$5,000		-17%	-1%	-13%	-1%	-1%	-1%
\$5,000-\$50,000		-10%	-0%	-11%	-0%	-0%	-0%
\$50,000-200,000		-16%	-0%	-16%	-0%	-0%	-0%
>\$200,000		-1%	-0%	-1%	-1%	-0%	-0%
Total		-11%	-0%	-11%	-0%	-0%	-0%
Nongroundfish Vessels							
<\$5,000		-14%	0%	-11%	0%	0%	0%
\$5,000-\$50,000		-2%	0%	-1%	0%	0%	0%
\$50,000-200,000		-7%	0%	-1%	0%	0%	0%
>\$200,000		-55%	0%	-1%	0%	0%	0%
Total		-25%	0%	-1%	0%	0%	0%
Grand Total		-24%	-2%	-11%	-6%	-5%	-4%

NOTE: At-sea catcher processors and tribal vessels are excluded from this table. All other landings to West Coast ports are included.

TABLE 4.3-3b. Projected exvessel revenue from groundfish by level of vessel gross revenue from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 1 of 2)

Gross Revenue Category	Alternative						Preferred Option (no caps)
	Baseline (11/00-10/01)			Alloc Com (Status Quo)	Alloc Com with Depth Depth Mgmt)	Preferred Option	
		Low OY	High OY	Management			
Exvessel Revenue (\$ thousands, groundfish species)							
Limited Entry Trawl							
<\$5,000	3	2	2	2	2	2	2
\$5,000-\$50,000	195	204	253	211	223	246	246
\$50,000-200,000	10,984	8,906	11,241	8,008	10,159	10,174	10,176
>\$200,000	28,670	18,601	24,412	18,605	21,439	21,857	21,847
Total	39,851	27,712	35,908	26,826	31,823	32,278	32,272
Limited Entry Longline and Fishpot							
<\$5,000	10	4	6	3	4	5	5
\$5,000-\$50,000	1,258	908	1,475	824	1,056	1,251	1,264
\$50,000-200,000	4,497	2,556	4,481	2,483	3,056	3,729	3,764
>\$200,000	3,247	1,798	3,309	1,984	2,023	2,630	2,640
Total	9,012	5,266	9,271	5,294	6,139	7,614	7,673
Open Access with >5% From Groundfish							
<\$5,000	409	40	321	191	219	230	265
\$5,000-\$50,000	4,290	689	3,351	2,057	2,312	2,581	3,245
\$50,000-200,000	1,603	347	1,292	870	1,032	1,126	1,274
Total	6,301	1,076	4,965	3,118	3,563	3,936	4,784
Open Access with <5% of Revenue from Groundfish							
<\$5,000	1	0	1	0	1	1	1
\$5,000-\$50,000	52	9	42	18	27	29	29
\$50,000-200,000	157	38	137	62	82	90	95
>\$200,000	123	39	96	42	66	78	78
Total	334	87	275	123	175	197	202
Grand Total	55,499	34,141	50,419	35,361	41,700	44,026	44,930
Difference Between Baseline and Alternatives (\$ thousands)							
Limited Entry Trawl							
<\$5,000	-1	-0	-1	-1	-1	-1	-1
\$5,000-\$50,000	9	58	16	28	51	52	52
\$50,000-200,000	-2,078	257	-2,976	-826	-811	-808	-808
>\$200,000	-10,069	-4,258	-10,064	-7,230	-6,813	-6,823	-6,823
Total	-12,139	-3,943	-13,026	-8,029	-7,573	-7,580	-7,580
Limited Entry Longline and Fishpot							
<\$5,000	-6	-4	-7	-6	-5	-5	-5
\$5,000-\$50,000	-350	217	-434	-202	-7	6	6
\$50,000-200,000	-1,941	-16	-2,014	-1,441	-768	-733	-733
>\$200,000	-1,450	62	-1,264	-1,225	-618	-608	-608
Total	-3,746	259	-3,718	-2,873	-1,397	-1,339	-1,339
Open Access with >5% From Groundfish							
<\$5,000	-369	-88	-218	-190	-179	-144	-144
\$5,000-\$50,000	-3,600	-938	-2,232	-1,977	-1,709	-1,045	-1,045
\$50,000-200,000	-1,256	-311	-733	-571	-477	-329	-329
Total	-5,225	-1,337	-3,183	-2,738	-2,365	-1,518	-1,518
Open Access with <5% of Revenue from Groundfish							
<\$5,000	-1	-1	-1	-1	-1	-1	-1
\$5,000-\$50,000	-44	-11	-34	-26	-24	-23	-23
\$50,000-200,000	-119	-20	-95	-75	-67	-62	-62
>\$200,000	-84	-27	-81	-57	-45	-45	-45
Total	-247	-58	-210	-158	-137	-132	-132
Grand Total	-21,358	-5,080	-20,137	-13,798	-11,473	-10,568	-10,568

TABLE 4.3-3b. Projected exvessel revenue from groundfish by level of vessel gross revenue from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 2 of 2)

Gross Revenue Category	Baseline (11/00-10/01)	Alternative					Preferred Option (no caps)
		Low OY	High OY	Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	
		Percent Difference Between Baseline and Alternatives					
Limited Entry Trawl							
<\$5,000		-36%	-11%	-26%	-26%	-26%	-26%
\$5,000-\$50,000		5%	30%	8%	14%	26%	26%
\$50,000-200,000		-19%	2%	-27%	-8%	-7%	-7%
>\$200,000		-35%	-15%	-35%	-25%	-24%	-24%
Total		-30%	-10%	-33%	-20%	-19%	-19%
Limited Entry Longline and Fishpot							
<\$5,000		-64%	-42%	-72%	-56%	-50%	-49%
\$5,000-\$50,000		-28%	17%	-34%	-16%	-1%	0%
\$50,000-200,000		-43%	-0%	-45%	-32%	-17%	-16%
>\$200,000		-45%	2%	-39%	-38%	-19%	-19%
Total		-42%	3%	-41%	-32%	-16%	-15%
Open Access with >5% From Groundfish							
<\$5,000		-90%	-21%	-53%	-46%	-44%	-35%
\$5,000-\$50,000		-84%	-22%	-52%	-46%	-40%	-24%
\$50,000-200,000		-78%	-19%	-46%	-36%	-30%	-21%
Total		-83%	-21%	-51%	-43%	-38%	-24%
Open Access with <5% of Revenue from Groundfish							
<\$5,000		-93%	-44%	-79%	-63%	-60%	-57%
\$5,000-\$50,000		-83%	-20%	-65%	-49%	-45%	-44%
\$50,000-200,000		-76%	-13%	-60%	-48%	-43%	-40%
>\$200,000		-68%	-22%	-66%	-47%	-37%	-37%
Total		-74%	-18%	-63%	-47%	-41%	-39%
Grand Total		-38%	-9%	-36%	-25%	-21%	-19%

NOTE: At-sea catcher processors and tribal vessels are excluded from this table. All other landings to West Coast ports are included.

TABLE 4.3-4a. Exvessel revenues projected under the **Low OY Alternative** and changes from the base period (November 2000 through October 2001) for vessels grouped based on their degree of involvement in West Coast fisheries --to produce this table vessels were ranked from highest to lowest producer (by value for the base period), the first ranking (columns) was based on revenue from all species and a second ranking (rows) was based on revenue from groundfish (GF).

Percent of GF Landings (All Species) by Vessels Ranked from Highest to Lowest Production (By Value)	Percent of Landings (All Species) by Vessels Ranked from Highest to Lowest Production (by Value)						Percent of Groundfish Vessels		
	Top 50% of Total Value	Next 20% of Total Value	Next 10% of Total Value	Next 10% of Total Value	Final 10% of Total Value	Total	Percent of All Vessels	Cum Percent	Cum Percent
Exvessel Value of All Landings Made by the Vessels (\$)									
Top 50% of GF Value	23,556,157	0	0	0	0	23,556,157	13%	13%	27%
Next 20% of GF Value	8,598,358	3,093,745	0	0	0	11,692,103	6%	19%	13%
Next 10% of GF Value	2,133,430	2,867,241	1,197,511	0	0	6,198,181	3%	22%	7%
Next 10% of GF Value	2,058,210	1,452,961	1,241,327	1,422,216	72,796	6,247,509	3%	26%	7%
Final 10% of GF Value	13,042,070	12,246,340	4,976,418	5,311,687	5,065,819	40,642,333	22%	48%	46%
No Groundfish Landings	29,533,461	23,621,780	13,516,134	14,843,086	15,313,659	96,828,120	52%	100%	
Column Total	78,921,685	43,282,067	20,931,389	21,576,988	20,452,274	185,164,404			
Percent of All Revenue	43%	23%	11%	12%	11%				
Groundfish Vessel Revenue (Column Total for Vessels With Some Groundfish)	49,388,224	19,660,287	7,415,255	6,733,902	5,138,615	88,336,284			
Revenue of Groundfish Vessels as Percent of Total for Column	63%	45%	35%	31%	25%				
Revenue of Groundfish Vessels as a Percent of Total Fishing Revenue	27%	11%	4%	4%	3%				
Cumulative Percent	27%	37%	41%	45%	48%				
Absolute Change Relative to The Base Period (\$)									
Top 50% of GF Value	-10,189,343	0	0	0	0	-10,189,343			
Next 20% of GF Value	-2,390,541	-985,033	0	0	0	-3,375,574			
Next 10% of GF Value	-335,560	-885,854	-629,060	0	0	-1,850,474			
Next 10% of GF Value	-448,987	-303,476	-582,506	-1,377,958	-51,601	-2,764,527			
Next 10% of GF Value	-1,050,719	-1,792,073	-1,383,016	-1,269,465	-3,635,369	-9,130,642			
No Groundfish Landings	-28,188,310	-1,555,041	-1,002,379	-203,297	-355,363	-31,304,390			
Column Total	-42,603,460	-5,521,477	-3,596,961	-2,850,719	-4,042,333	-58,614,950			
Percent Change Relative to The Base Period (\$)									
Top 50% of GF Value	-30%	0%	0%	0%	0%	-30%			
Next 20% of GF Value	-22%	-24%	0%	0%	0%	-22%			
Next 10% of GF Value	-14%	-24%	-34%	0%	0%	-23%			
Next 10% of GF Value	-18%	-17%	-32%	-49%	-41%	-31%			
Next 10% of GF Value	-7%	-13%	-22%	-19%	-42%	-18%			
No Groundfish Landings	-49%	-6%	-7%	-1%	-2%	-24%			
Column Total	-35%	-11%	-15%	-12%	-17%	-24%			

NOTE: Catch by catcher-processors and tribal vessels are not included in this table. Catcher vessels delivering to motherships are included and all other landings for which landing receipts were filled out are included. Groundfish includes only the landings of groundfish species caught under the jurisdiction of the Council's groundfish FMP.

TABLE 4.3-4b. Exvessel revenues projected under the **High OY Alternative** and changes from the base period (November 2000 through October 2001) for vessels grouped based on their degree of involvement in West Coast fisheries --to produce this table vessels were ranked from highest to lowest producer (by value for the base period), the first ranking (columns) was based on revenue from all species and a second ranking (rows) was based on revenue from groundfish.

Percent of GF Landings (All Species) by Vessels Ranked from Highest to Lowest Production (By Value)	Percent of Landings (All Species) by Vessels Ranked from Highest to Lowest Production (by Value)						Percent of All Vessels Total	Percent of Groundfish Vessels Cum Percent	Percent of Groundfish Vessels Cum Percent
	Top 50% of Total Value	Next 20% of Total Value	Next 10% of Total Value	Next 10% of Total Value	Final 10% of Total Value				
Exvessel Value of All Landings Made by the Vessels (\$)									
Top 50% of GF Value	29,522,758	0	0	0	0	29,522,758	12%	12%	27%
Next 20% of GF Value	11,017,571	4,061,167	0	0	0	15,078,738	6%	19%	40%
Next 10% of GF Value	2,533,300	3,904,239	1,738,239	0	0	8,175,778	3%	22%	7%
Next 10% of GF Value	2,536,451	1,737,045	1,734,888	2,633,559	135,453	8,777,396	4%	26%	8%
Final 10% of GF Value	14,060,900	14,021,260	6,378,684	6,576,459	7,975,035	49,012,338	21%	46%	44%
No Groundfish Landings	57,721,771	25,176,821	14,518,513	15,046,383	15,669,022	128,132,510	54%	100%	
Column Total	117,392,751	48,900,531	24,370,325	24,256,401	23,779,510	238,699,518			
Percent of All Revenue	49%	20%	10%	10%	10%				
Groundfish Vessel Revenue (Column Total for Vessels With Some Groundfish)	59,670,980	23,723,710	9,851,812	9,210,018	8,110,488	110,567,008			
Revenue of Groundfish Vessels as Percent of Total for Column	51%	49%	40%	38%	34%				
Revenue of Groundfish Vessels as a Percent of Total Fishing Revenue	25%	10%	4%	4%	3%				
Cumulative Percent	25%	35%	39%	43%	46%				
Absolute Change Relative to The Base Period (\$)									
Top 50% of GF Value	-4,222,742	0	0	0	0	-4,222,742			
Next 20% of GF Value	28,672	-17,611	0	0	0	11,061			
Next 10% of GF Value	64,310	151,144	-88,332	0	0	127,122			
Next 10% of GF Value	29,255	-19,393	-88,944	-166,615	11,056	-234,641			
Next 10% of GF Value	-31,889	-17,153	19,250	-4,692	-726,153	-760,637			
No Groundfish Landings	0	0	0	0	0	0			
Column Total	-4,132,394	96,987	-158,026	-171,307	-715,097	-5,079,836			
Percent Change Relative to The Base Period (\$)									
Top 50% of GF Value	-13%	0%	0%	0%	0%	-13%			
Next 20% of GF Value	0%	-0%	0%	0%	0%	0%			
Next 10% of GF Value	3%	4%	-5%	0%	0%	2%			
Next 10% of GF Value	1%	-1%	-5%	-6%	9%	-3%			
Next 10% of GF Value	-0%	-0%	0%	-0%	-8%	-2%			
No Groundfish Landings	0%	0%	0%	0%	0%	0%			
Column Total	-3%	0%	-1%	-1%	-3%	-2%			

NOTE: Catch by catcher-processors and tribal vessels are not included in this table. Catcher vessels delivering to motherships are included and all other landings for which landing receipts were filled out are included. Groundfish includes only the landings of groundfish species caught under the jurisdiction of the Council's groundfish FMP.

TABLE 4.3-4c. Exvessel revenues projected under the ***Allocation Committee OY Alternative (with NO new depth management measures)*** and changes from the base period (November 2000 through October 2001) for vessels grouped based on their degree of involvement in West Coast fisheries --to produce this table vessels were ranked from highest to lowest producer (by value for the base period), the first ranking (columns) was based on revenue from all species and a second ranking (rows) was based on revenue from groundfish.

Percent of GF Landings (All Species) by Vessels Ranked from Highest to Lowest Production (By Value)	Percent of Landings (All Species) by Vessels Ranked from Highest to Lowest Production (by Value)					Percent of Total All Vessels	Percent of All Vessels Cum Percent	Percent of Groundfish Vessels Cum Percent
	Top 50% of Total Value	Next 20% of Total Value	Next 10% of Total Value	Next 10% of Total Value	Final 10% of Total Value			
Exvessel Value of All Landings Made by the Vessels (\$)								
Top 50% of GF Value	23,805,954	0	0	0	0	23,805,954	11%	11%
Next 20% of GF Value	8,220,176	3,031,466	0	0	0	11,251,642	5%	16%
Next 10% of GF Value	2,072,752	2,834,648	1,071,089	0	0	5,978,489	3%	19%
Next 10% of GF Value	2,088,114	1,415,361	1,204,371	1,661,260	90,874	6,459,980	3%	22%
Final 10% of GF Value	13,542,997	12,330,960	5,003,519	5,552,183	6,264,129	42,693,788	20%	42%
No Groundfish Landings	57,394,153	24,768,475	14,337,562	14,944,265	15,373,896	126,818,351	58%	100%
Column Total	107,124,146	44,380,909	21,616,540	22,157,709	21,728,899	217,008,204		
Percent of All Revenue	49%	20%	10%	10%	10%			
Groundfish Vessel Revenue (Column Total for Vessels With Some Groundfish)	49,729,993	19,612,435	7,278,978	7,213,444	6,355,003	90,189,853		
Revenue of Groundfish Vessels as Percent of Total for Column	46%	44%	34%	33%	29%			
Revenue of Groundfish Vessels as a Percent of Total Fishing Revenue	23%	9%	3%	3%	3%			
Cumulative Percent	23%	32%	35%	39%	42%			
Absolute Change Relative to The Base Period (\$)								
Top 50% of GF Value	-9,939,546	0	0	0	0	-9,939,546		
Next 20% of GF Value	-2,768,723	-1,047,313	0	0	0	-3,816,036		
Next 10% of GF Value	-396,238	-918,447	-755,482	0	0	-2,070,166		
Next 10% of GF Value	-419,083	-341,077	-619,461	-1,138,913	-33,523	-2,552,057		
Next 10% of GF Value	-549,792	-1,707,452	-1,355,915	-1,028,968	-2,437,059	-7,079,186		
No Groundfish Landings	-327,618	-408,347	-180,951	-102,118	-295,126	-1,314,160		
Column Total	-14,400,999	-4,422,635	-2,911,810	-2,269,999	-2,765,707	-26,771,150		
Percent Change Relative to The Base Period (\$)								
Top 50% of GF Value	-29%	0%	0%	0%	0%	-29%		
Next 20% of GF Value	-25%	-26%	0%	0%	0%	-25%		
Next 10% of GF Value	-16%	-24%	-41%	0%	0%	-26%		
Next 10% of GF Value	-17%	-19%	-34%	-41%	-27%	-28%		
Next 10% of GF Value	-4%	-12%	-21%	-16%	-28%	-14%		
No Groundfish Landings	-1%	-2%	-1%	-1%	-2%	-1%		
Column Total	-0.12	-0.09	-0.12	-0.09	-0.11	-0.11		

NOTE: Catch by catcher-processors and tribal vessels are not included in this table. Catcher vessels delivering to motherships are included and all other landings for which landing receipts were filled out are included. Groundfish includes only the landings of groundfish species caught under the jurisdiction of the Council's groundfish FMP.

TABLE 4.3-4d. Exvessel revenues projected under the ***Allocation Committee OY Alternative (with new depth management measures)*** and changes from the base period (November 2000 through October 2001) for vessels grouped based on their degree of involvement in West Coast fisheries --to produce this table vessels were ranked from highest to lowest producer (by value for the base period), the first ranking (columns) was based on revenue from all species and a second ranking (rows) was based on revenue from groundfish.

Percent of GF Landings (All Species) by Vessels Ranked from Highest to Lowest Production (By Value)	Percent of Landings (All Species) by Vessels Ranked from Highest to Lowest Production (by Value)					Percent of Total All Vessels	Percent of All Vessels Cum Percent	Percent of Groundfish Vessels Cum Percent
	Top 50% of Total Value	Next 20% of Total Value	Next 10% of Total Value	Next 10% of Total Value	Final 10% of Total Value			
Exvessel Value of All Landings Made by the Vessels (\$)								
Top 50% of GF Value	26,191,990	0	0	0	0	26,191,990	11%	11% 26% 26%
Next 20% of GF Value	9,856,735	3,682,393	0	0	0	13,539,128	6%	17% 13% 39%
Next 10% of GF Value	2,285,869	3,499,476	1,395,824	0	0	7,181,169	3%	20% 7% 46%
Next 10% of GF Value	2,368,134	1,541,892	1,451,497	2,043,416	99,621	7,504,560	3%	24% 7% 53%
Final 10% of GF Value	13,986,820	13,889,925	6,241,169	6,300,404	7,013,183	47,431,500	21%	44% 47% 100%
No Groundfish Landings	57,721,771	25,176,821	14,518,513	15,046,383	15,669,022	128,132,510	56%	100%
Column Total	112,411,319	47,790,506	23,607,003	23,390,203	22,781,826	229,980,857		
Percent of All Revenue	49%	21%	10%	10%	10%			
Groundfish Vessel Revenue (Column Total for Vessels With Some Groundfish)	54,689,548	22,613,685	9,088,490	8,343,820	7,112,804	101,848,347		
Revenue of Groundfish Vessels as Percent of Total for Column	49%	47%	38%	36%	31%	0%		
Revenue of Groundfish Vessels as a Percent of Total Fishing Revenue	24%	10%	4%	4%	3%	0%		
Cumulative Percent	24%	34%	38%	41%	44%	0%		
Absolute Change Relative to The Base Period (\$)								
Top 50% of GF Value	-7,553,510	0	0	0	0	-7,553,510		
Next 20% of GF Value	-1,132,165	-396,385	0	0	0	-1,528,550		
Next 10% of GF Value	-183,121	-253,619	-430,747	0	0	-867,486		
Next 10% of GF Value	-139,062	-214,546	-372,335	-756,757	-24,776	-1,507,476		
Next 10% of GF Value	-105,969	-148,488	-118,265	-280,747	-1,688,005	-2,341,474		
No Groundfish Landings	0	0	0	0	0	0		
Column Total	-9,113,826	-1,013,038	-921,347	-1,037,504	-1,712,781	-13,798,497		
Percent Change Relative to The Base Period (\$)								
Top 50% of GF Value	-22%	0%	0%	0%	0%	-22%		
Next 20% of GF Value	-10%	-10%	0%	0%	0%	-10%		
Next 10% of GF Value	-7%	-7%	-24%	0%	0%	-11%		
Next 10% of GF Value	-6%	-12%	-20%	-27%	-20%	-17%		
Next 10% of GF Value	-1%	-1%	-2%	-4%	-19%	-5%		
No Groundfish Landings	0%	0%	0%	0%	0%	0%		
Column Total	-7%	-2%	-4%	-4%	-7%	-6%		

NOTE: Catch by catcher-processors and tribal vessels are not included in this table. Catcher vessels delivering to motherships are included and all other landings for which landing receipts were filled out are included. Groundfish includes only the landings of groundfish species caught under the jurisdiction of the Council's groundfish FMP.

TABLE 4.3-4e. Exvessel revenues projected under the **Council-preferred OY Alternative** and changes from the base period (November 2000 through October 2001) for vessels grouped based on their degree of involvement in West Coast fisheries -- to produce this table vessels were ranked from highest to lowest producer (by value for the bas period), the first ranking (columns) was based on revenue from all species and a second ranking (rows) was based on revenue from groundfish.

Percent of GF Landings (All Species) by Vessels Ranked from Highest to Lowest Production (By Value)	Percent of Landings (All Species) by Vessels Ranked from Highest to Lowest Production (by Value)					Percent of Total	Percent of All Vessels	Cum Percent	Percent of Groundfish Vessels	Cum Percent
	Top 50% of Total Value	Next 20% of Total Value	Next 10% of Total Value	Next 10% of Total Value	Final 10% of Total Value					
Exvessel Value of All Landings Made by the Vessels (\$)										
Top 50% of GF Value	26,860,347	0	0	0	0	26,860,347	12%	12%	26%	26%
Next 20% of GF Value	10,186,476	3,657,909	0	0	0	13,844,384	6%	18%	13%	39%
Next 10% of GF Value	2,396,735	3,593,711	1,521,791	0	0	7,512,237	3%	21%	7%	46%
Next 10% of GF Value	2,450,254	1,630,324	1,578,218	2,324,986	117,563	8,101,344	3%	24%	8%	54%
Final 10% of GF Value	14,019,494	13,943,847	6,263,274	6,368,140	7,260,662	47,855,417	21%	45%	46%	100%
No Groundfish Landings	57,721,771	25,176,821	14,518,513	15,046,383	15,669,022	128,132,510	55%	100%	0%	0%
Column Total	113,635,077	48,002,612	23,881,796	23,739,509	23,047,247	232,306,240				
Percent of All Revenue	49%	21%	10%	10%	10%					
Groundfish Vessel Revenue (Column Total for Vessels With Some Groundfish)	55,913,306	22,825,791	9,363,283	8,693,126	7,378,225	104,173,730				
Revenue of Groundfish Vessels as Percent of Total for Column	49%	48%	39%	37%	32%	0%				
Revenue of Groundfish Vessels as a Percent of Total Fishing Revenue	24%	10%	4%	4%	3%	0%				
Cumulative Percent	24%	34%	38%	42%	45%	0%				
Absolute Change Relative to The Base Period(\$)										
Top 50% of GF Value	-6,885,153	0	0	0	0	-6,885,153				
Next 20% of GF Value	-802,424	-420,870	0	0	0	-1,223,294				
Next 10% of GF Value	-72,255	-159,383	-304,780	0	0	-536,418				
Next 10% of GF Value	-56,943	-126,114	-245,614	-475,187	-6,834	-910,692				
Next 10% of GF Value	-73,295	-94,566	-96,160	-213,012	-1,440,526	-1,917,557				
No Groundfish Landings	0	0	0	0	0	0				
Column Total	-7,890,069	-800,932	-646,554	-688,199	-1,447,360	-11,473,114				
Percent Change Relative to The Base Period (\$)										
Top 50% of GF Value	-20%	0%	0%	0%	0%	-20%				
Next 20% of GF Value	-7%	-10%	0%	0%	0%	-8%				
Next 10% of GF Value	-3%	-4%	-17%	0%	0%	-7%				
Next 10% of GF Value	-2%	-7%	-13%	-17%	-5%	-10%				
Next 10% of GF Value	-1%	-1%	-2%	-3%	-17%	-4%				
No Groundfish Landings	0%	0%	0%	0%	0%	0%				

Column Total	-6%	-2%	-3%	-3%	-6%	-5%				
NOTE: Catch by catcher-processors and tribal vessels are not included in this table. Catcher vessels delivering to motherships are included and all other landings for which landing receipts were filled out are included. Groundfish includes only the landings of groundfish species caught under the jurisdiction of the Council's groundfish FMP.										
Percent of GF Landings (All Species) by Vessels Ranked from Highest to Lowest Production (By Value)	Top 50% of Total Value	Next 20% of Total Value	Next 10% of Total Value	Next 10% of Total Value	Final 10% of Total Value		Percent of Total	All Vessels	Cum Percent	Percent of Groundfish Vessels Cum Percent
Exvessel Value of All Landings Made by the Vessels (\$)										
Top 50% of GF Value	26,860,348	0	0	0	0	26,860,348	12%	12%	26%	26%
Next 20% of GF Value	10,196,452	3,661,268	0	0	0	13,857,720	6%	17%	13%	39%
Next 10% of GF Value	2,397,512	3,641,106	1,548,817	0	0	7,587,435	3%	21%	7%	46%
Next 10% of GF Value	2,450,008	1,636,228	1,595,117	2,539,242	125,934	8,346,529	4%	24%	8%	54%
Final 10% of GF Value	14,020,162	13,967,752	6,284,823	6,385,297	7,748,313	48,406,348	21%	45%	46%	100%
No Groundfish Landings	57,721,771	25,176,821	14,518,513	15,046,383	15,669,022	128,132,510	55%	100%		
Column Total	113,646,253	48,083,175	23,947,270	23,970,923	23,543,269	233,190,890				
Percent of All Revenue	49%	21%	10%	10%	10%					
Groundfish Vessel Revenue (Column Total for Vessels With Some Groundfish)	55,924,482	22,906,354	9,428,757	8,924,540	7,874,247	105,058,380				
Revenue of Groundfish Vessels as Percent of Total for Column	49%	48%	39%	37%	33%					
Revenue of Groundfish Vessels as a Percent of Total Fishing Revenue	24%	10%	4%	4%	3%					
Cumulative Percent	24%	34%	38%	42%	45%					
Absolute Change Relative to The Base Period (\$)										
Top 50% of GF Value	-6,885,152	0	0	0	0	-6,885,152				
Next 20% of GF Value	-792,448	-417,510	0	0	0	-1,209,958				
Next 10% of GF Value	-71,478	-111,989	-277,754	0	0	-461,221				
Next 10% of GF Value	-57,188	-120,209	-228,715	-260,931	1,537	-665,507				
Next 10% of GF Value	-72,627	-70,661	-74,611	-195,854	-952,875	-1,366,627				
No Groundfish Landings	0	0	0	0	0	0				
Column Total	-7,878,892	-720,369	-581,080	-456,785	-951,338	-10,588,464				
Percent Change Relative to The Base Period (\$)										
Top 50% of GF Value	-20%	0%	0%	0%	0%	-20%				
Next 20% of GF Value	-7%	-10%	0%	0%	0%	-8%				
Next 10% of GF Value	-3%	-3%	-15%	0%	0%	-6%				
Next 10% of GF Value	-2%	-7%	-13%	-9%	1%	-7%				
Next 10% of GF Value	-1%	-1%	-1%	-3%	-11%	-3%				
No Groundfish Landings	0%	0%	0%	0%	0%	0%				

Column Total

-6%

-1%

-2%

-2%

-4%

-4%

NOTE: Catch by catcher-processors and tribal vessels are not included in this table. Catcher vessels delivering to motherships are included and all other landings for which landing receipts were filled out are included. Groundfish includes only the landings of groundfish species caught under the jurisdiction of the Council's groundfish FMP.

TABLE 4.3-5a. Projected exvessel revenue from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 1 of 3)

Length Class	Alternative		Exvessel Revenue (\$ thousands, all species)	Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)
	Baseline (11/00-10/01)	Low OY					
Limited Entry Trawl							
<40'	373	294	338	283	330	333	333
40'-50'	3,451	2,847	3,331	2,797	3,253	3,246	3,246
50'-60'	10,310	8,625	10,595	7,706	9,885	10,003	10,003
60'-70'	13,941	10,433	12,680	10,224	11,641	11,780	11,780
70'-150'	23,372	16,136	20,620	16,716	18,458	18,661	18,661
Unspecified	578	371	516	427	427	427	427
Total	52,024	38,706	48,080	38,154	43,995	44,450	44,450
Limited Entry Longline and Fishpot							
<40'	4,730	3,704	4,960	3,519	4,138	4,525	4,550
40'-50'	6,903	5,131	6,926	5,597	5,922	6,394	6,415
50'-60'	4,331	3,486	4,267	3,484	3,655	3,945	3,955
60'-70'	3,194	2,633	3,247	2,677	2,722	2,969	2,969
70'-150'	1,122	945	1,139	966	972	1,051	1,051
Unspecified	5	3	6	3	3	4	4
Total	20,285	15,903	20,544	16,247	17,413	18,888	18,944
Open Access with >5% From Groundfish							
<40'	9,846	4,736	8,413	6,675	7,419	7,673	8,449
40'-50'	2,411	1,584	2,530	1,792	2,171	2,272	2,311
50'-60'	192	127	177	139	154	165	165
60'-70'	232	148	236	174	225	226	226
70'-150'	7	6	7	5	6	6	6
Unspecified	101	63	89	22	78	82	92
Total	12,790	6,663	11,453	8,809	10,051	10,425	11,248
Open Access with <5% of Revenue from Groundfish							
<40'	12,216	10,448	12,211	10,317	12,156	12,162	12,167
40'-50'	6,262	5,409	6,261	5,534	6,243	6,246	6,246
50'-60'	3,493	3,277	3,476	3,241	3,472	3,474	3,474
60'-70'	5,359	4,967	5,343	4,988	5,333	5,338	5,338
70'-150'	5,236	4,943	5,217	4,920	5,204	5,210	5,210
Unspecified	3	3	3	3	3	3	3
Total	32,570	29,047	32,512	29,003	32,411	32,433	32,438
Nongroundfish Vessels							
<40'	38,231	37,234	38,231	37,472	38,231	38,231	38,231
40'-50'	22,437	19,097	22,437	22,323	22,437	22,437	22,437
50'-60'	26,344	15,278	26,344	26,071	26,344	26,344	26,344
60'-70'	12,445	7,394	12,445	12,289	12,445	12,445	12,445
70'-150'	26,131	15,320	26,131	26,119	26,131	26,131	26,131
Unspecified	523	523	523	523	523	523	523
Total	126,110	94,846	126,110	124,796	126,110	126,110	126,110

TABLE 4.3-5a. Projected exvessel revenue from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 2 of 3)

Length Class	Alternative		Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)
	Baseline (11/00-10/01)	Low OY				
Difference Between Baseline and Alternatives (\$ thousands)						
Limited Entry Trawl						
<40'		-79	-35	-89	-43	-40
40'-50'		-604	-120	-654	-198	-205
50'-60'		-1,685	285	-2,604	-424	-307
60'-70'		-3,508	-1,261	-3,717	-2,300	-2,161
70'-150'		-7,235	-2,751	-6,656	-4,913	-4,710
Unspecified		-207	-62	-150	-150	-150
Total		-13,318	-3,943	-13,870	-8,029	-7,573
Limited Entry Longline and Fishpot						
<40'		-1,025	230	-1,211	-592	-205
40'-50'		-1,772	23	-1,306	-981	-509
50'-60'		-845	-65	-847	-676	-387
60'-70'		-561	53	-517	-472	-225
70'-150'		-177	17	-156	-150	-71
Unspecified		-2	0	-2	-2	-1
Total		-4,383	259	-4,039	-2,873	-1,397
Open Access with >5% From Groundfish						
<40'		-5,110	-1,433	-3,171	-2,427	-2,173
40'-50'		-827	119	-619	-240	-139
50'-60'		-65	-15	-53	-39	-28
60'-70'		-85	4	-58	-8	-7
70'-150'		-1	-0	-1	-1	-0
Unspecified		-39	-12	-80	-24	-19
Total		-6,127	-1,337	-3,981	-2,738	-2,365
Open Access with <5% of Revenue from Groundfish						
<40'		-1,768	-5	-1,899	-60	-54
40'-50'		-853	-1	-728	-19	-16
50'-60'		-216	-17	-252	-21	-19
60'-70'		-393	-16	-372	-27	-22
70'-150'		-294	-19	-316	-32	-26
Unspecified		-0	0	-0	-0	-0
Total		-3,523	-58	-3,567	-158	-137
Nongroundfish Vessels						
<40'		-998	0	-760	0	0
40'-50'		-3,339	0	-114	0	0
50'-60'		-11,066	0	-273	0	0
60'-70'		-5,051	0	-156	0	0
70'-150'		-10,811	0	-12	0	0
Unspecified		0	0	0	0	0
Total		-31,264	0	-1,314	0	0

TABLE 4.3-5a. Projected exvessel revenue from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 3 of 3)

Length Class	Alternative					
	Baseline (11/00-10/01)	Percent Difference Between Baseline and Alternatives		Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option
		Low OY	High OY			
Limited Entry Trawl						
<40'		-21%	-9%	-24%	-12%	-11%
40'-50'		-18%	-3%	-19%	-6%	-6%
50'-60'		-16%	3%	-25%	-4%	-3%
60'-70'		-25%	-9%	-27%	-16%	-15%
70'-150'		-31%	-12%	-28%	-21%	-20%
Unspecified		-36%	-11%	-26%	-26%	-26%
Total		-26%	-8%	-27%	-15%	-15%
Limited Entry Longline and Fishpot						
<40'		-22%	5%	-26%	-13%	-4%
40'-50'		-26%	0%	-19%	-14%	-7%
50'-60'		-20%	-1%	-20%	-16%	-9%
60'-70'		-18%	2%	-16%	-15%	-7%
70'-150'		-16%	2%	-14%	-13%	-6%
Unspecified		-43%	4%	-37%	-37%	-17%
Total		-22%	1%	-20%	-14%	-7%
Open Access with >5% From Groundfish						
<40'		-52%	-15%	-32%	-25%	-22%
40'-50'		-34%	5%	-26%	-10%	-6%
50'-60'		-34%	-8%	-28%	-20%	-14%
60'-70'		-36%	2%	-25%	-3%	-3%
70'-150'		-15%	-0%	-17%	-12%	-6%
Unspecified		-38%	-12%	-79%	-23%	-19%
Total		-48%	-10%	-31%	-21%	-18%
Open Access with <5% of Revenue from Groundfish						
<40'		-14%	-0%	-16%	-0%	-0%
40'-50'		-14%	-0%	-12%	-0%	-0%
50'-60'		-6%	-0%	-7%	-1%	-1%
60'-70'		-7%	-0%	-7%	-0%	-0%
70'-150'		-6%	-0%	-6%	-1%	-1%
Unspecified		-1%	0%	-1%	-1%	-0%
Total		-11%	-0%	-11%	-0%	-0%
Nongroundfish Vessels						
<40'		-3%	0%	-2%	0%	0%
40'-50'		-15%	0%	-1%	0%	0%
50'-60'		-42%	0%	-1%	0%	0%
60'-70'		-41%	0%	-1%	0%	0%
70'-150'		-41%	0%	-0%	0%	0%
Unspecified		0%	0%	0%	0%	0%
Total		-25%	0%	-1%	0%	0%

TABLE 4.3-5b. Projected average exvessel revenue per vessel from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 1 of 2)

Length Class	Number of Vessels	Alternative		Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)					
		Baseline (11/00-10/01)	Low OY									
Average Exvessel Revenue Per Vessel (\$ thousands, all species)												
Limited Entry Trawl												
<40'	5	75	59	68	57	66	67					
40'-50'	31	111	92	107	90	105	105					
50'-60'	64	161	135	166	120	154	156					
60'-70'	57	245	183	222	179	204	207					
70'-150'	84	278	192	245	199	220	222					
Unspecified	6	96	62	86	71	71	71					
Total	247	211	157	195	154	178	180					
Limited Entry Longline and Fishpot												
<40'	85	56	44	58	41	49	53					
40'-50'	71	97	72	98	79	83	90					
50'-60'	25	173	139	171	139	146	158					
60'-70'	11	290	239	295	243	247	270					
70'-150'	4	280	236	285	242	243	263					
Unspecified	1	5	3	6	3	4	4					
Total	197	103	81	104	82	88	96					
Open Access with >5% From Groundfish												
<40'	675	15	7	12	10	11	13					
40'-50'	66	37	24	38	27	33	34					
50'-60'	12	16	11	15	12	13	14					
60'-70'	6	39	25	39	29	37	38					
70'-150'	2	3	3	3	3	3	3					
Unspecified	10	10	6	9	2	8	9					
Total	771	17	9	15	11	13	14					
Open Access with <5% of Revenue from Groundfish												
<40'	324	38	32	38	32	38	38					
40'-50'	109	57	50	57	51	57	57					
50'-60'	29	120	113	120	112	120	120					
60'-70'	28	191	177	191	178	190	191					
70'-150'	25	209	198	209	197	208	208					
Unspecified	1	3	3	3	3	3	3					
Total	516	63	56	63	56	63	63					
Nongroundfish Vessels												
<40'	1967	19	19	19	19	19	19					
40'-50'	432	52	44	52	52	52	52					
50'-60'	254	104	60	104	103	104	104					
60'-70'	80	156	92	156	154	156	156					
70'-150'	101	259	152	259	259	259	259					
Unspecified	14	37	37	37	37	37	37					
Total	2848	44	33	44	44	44	44					

TABLE 4.3-5b. Projected average exvessel revenue per vessel from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 2 of 2)

Length Class	Number of Vessels	Alternative		Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)
		Baseline (11/00-10/01)	Low OY				
		High OY	Difference Between Baseline and Alternatives (\$ thousands)				
Limited Entry Trawl							
<40'		-16	-7	-18	-9	-8	-8
40'-50'		-19	-4	-21	-6	-7	-7
50'-60'		-26	4	-41	-7	-5	-5
60'-70'		-62	-22	-65	-40	-38	-38
70'-150'		-86	-33	-79	-58	-56	-56
Unspecified		-34	-10	-25	-25	-25	-25
Total		-54	-16	-56	-33	-31	-31
Limited Entry Longline and Fishpot							
<40'		-12	3	-14	-7	-2	-2
40'-50'		-25	0	-18	-14	-7	-7
50'-60'		-34	-3	-34	-27	-15	-15
60'-70'		-51	5	-47	-43	-20	-20
70'-150'		-44	4	-39	-37	-18	-18
Unspecified		-2	0	-2	-2	-1	-1
Total		-22	1	-21	-15	-7	-7
Open Access with >5% From Groundfish							
<40'		-8	-2	-5	-4	-3	-2
40'-50'		-13	2	-9	-4	-2	-2
50'-60'		-5	-1	-4	-3	-2	-2
60'-70'		-14	1	-10	-1	-1	-1
70'-150'		-0	-0	-1	-0	-0	-0
Unspecified		-4	-1	-8	-2	-2	-1
Total		-8	-2	-5	-4	-3	-2
Open Access with <5% of Revenue from Groundfish							
<40'		-5	-0	-6	-0	-0	-0
40'-50'		-8	-0	-7	-0	-0	-0
50'-60'		-7	-1	-9	-1	-1	-1
60'-70'		-14	-1	-13	-1	-1	-1
70'-150'		-12	-1	-13	-1	-1	-1
Unspecified		-0	0	-0	-0	-0	-0
Total		-7	-0	-7	-0	-0	-0
Nongroundfish Vessels							
<40'		-1	0	-0	0	0	0
40'-50'		-8	0	-0	0	0	0
50'-60'		-44	0	-1	0	0	0
60'-70'		-63	0	-2	0	0	0
70'-150'		-107	0	-0	0	0	0
Unspecified		0	0	0	0	0	0
Total		-11	0	-0	0	0	0

TABLE 4.3-6a. Projected exvessel revenue from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 1 of 3)

Length Class	Alternative			Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)
	Baseline (11/00-10/01)	Low OY	High OY				
Exvessel Revenue (\$ thousands, groundfish species)							
Limited Entry Trawl							
<40'	132	71	98	52	89	92	92
40'-50'	1,673	1,169	1,553	1,070	1,475	1,468	1,466
50'-60'	7,100	5,991	7,386	5,009	6,676	6,793	6,788
60'-70'	11,152	7,839	9,905	7,510	8,859	9,000	9,001
70'-150'	19,215	12,270	16,451	12,759	14,296	14,497	14,497
No Length	578	371	516	427	427	427	427
Total	39,851	27,712	35,908	26,826	31,823	32,278	32,272
Limited Entry Longline and Fishpot							
<40'	2,849	1,846	3,080	1,687	2,255	2,643	2,670
40'-50'	2,786	1,588	2,809	1,593	1,808	2,279	2,300
50'-60'	1,675	870	1,610	947	998	1,288	1,298
60'-70'	1,288	728	1,341	807	816	1,063	1,063
70'-150'	408	231	425	257	258	337	337
No Length	5	3	6	3	3	4	4
Total	9,012	5,266	9,271	5,294	6,139	7,614	7,673
Open Access with >5% From Groundfish							
<40'	5,226	568	3,793	2,466	2,799	3,053	3,852
40'-50'	876	405	995	584	636	737	776
50'-60'	78	34	63	37	40	51	51
60'-70'	18	6	22	10	11	12	12
70'-150'	2	1	2	1	1	2	2
No Length	101	62	89	21	77	82	91
Total	6,301	1,076	4,965	3,118	3,563	3,936	4,784
Open Access with <5% of Revenue from Groundfish							
<40'	131	29	125	62	71	77	82
40'-50'	42	13	41	18	23	27	27
50'-60'	35	9	19	7	14	16	16
60'-70'	57	16	40	17	30	35	35
70'-150'	69	19	49	19	37	43	43
No Length	0	0	0	0	0	0	0
Total	334	87	275	123	175	197	202
Difference Between Baseline and Alternatives (\$ thousands)							
Limited Entry Trawl							
<40'		-61	-35	-81	-43	-40	-40
40'-50'		-504	-120	-603	-198	-205	-207
50'-60'		-1,109	285	-2,092	-424	-307	-312
60'-70'		-3,313	-1,248	-3,643	-2,293	-2,153	-2,152
70'-150'		-6,945	-2,764	-6,456	-4,920	-4,718	-4,718
No Length		-207	-62	-150	-150	-150	-150
Total		-12,139	-3,943	-13,026	-8,029	-7,573	-7,580

TABLE 4.3-6a. Projected exvessel revenue from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 2 of 3)

Length Class	Alternative		Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)
	Baseline (11/00-10/01)	Low OY				
Limited Entry Longline and Fishpot						
<40'	-1,004	230	-1,163	-594	-206	-179
40'-50'	-1,198	23	-1,193	-978	-507	-486
50'-60'	-805	-65	-727	-676	-387	-377
60'-70'	-560	53	-481	-472	-225	-225
70'-150'	-177	17	-151	-150	-71	-71
No Length	-2	0	-2	-2	-1	-1
Total	-3,746	259	-3,718	-2,873	-1,397	-1,339
Open Access with >5% From Groundfish						
<40'	-4,658	-1,433	-2,760	-2,427	-2,173	-1,374
40'-50'	-471	119	-292	-240	-139	-99
50'-60'	-45	-15	-42	-39	-28	-27
60'-70'	-12	4	-9	-8	-7	-6
70'-150'	-1	-0	-1	-1	-0	-0
No Length	-39	-12	-80	-24	-19	-10
Total	-5,225	-1,337	-3,183	-2,738	-2,365	-1,518
Open Access with <5% of Revenue from Groundfish						
<40'	-102	-5	-69	-59	-54	-49
40'-50'	-29	-1	-24	-19	-16	-16
50'-60'	-26	-17	-28	-21	-19	-19
60'-70'	-41	-17	-40	-27	-22	-22
70'-150'	-50	-19	-49	-32	-26	-26
No Length	-0	0	-0	-0	-0	-0
Total	-247	-58	-210	-158	-137	-132
Percent Difference Between Baseline and Alternatives						
Limited Entry Trawl						
<40'	-46%	-26%	-61%	-33%	-30%	-30%
40'-50'	-30%	-7%	-36%	-12%	-12%	-12%
50'-60'	-16%	4%	-29%	-6%	-4%	-4%
60'-70'	-30%	-11%	-33%	-21%	-19%	-19%
70'-150'	-36%	-14%	-34%	-26%	-25%	-25%
No Length	-36%	-11%	-26%	-26%	-26%	-26%
Total	-30%	-10%	-33%	-20%	-19%	-19%
Limited Entry Longline and Fishpot						
<40'	-35%	8%	-41%	-21%	-7%	-6%
40'-50'	-43%	1%	-43%	-35%	-18%	-17%
50'-60'	-48%	-4%	-43%	-40%	-23%	-22%
60'-70'	-43%	4%	-37%	-37%	-17%	-17%
70'-150'	-43%	4%	-37%	-37%	-17%	-17%
No Length	-43%	4%	-37%	-37%	-17%	-17%
Total	-42%	3%	-41%	-32%	-16%	-15%

TABLE 4.3-6a. Projected exvessel revenue from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships. (Page 3 of 3)

Length Class	Alternative		Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)
	Baseline (11/00-10/01)	Low OY				
Open Access with >5% From Groundfish						
<40'		-89%	-27%	-53%	-46%	-42%
40'-50'		-54%	14%	-33%	-27%	-16%
50'-60'		-57%	-19%	-53%	-49%	-35%
60'-70'		-67%	22%	-48%	-42%	-35%
70'-150'		-42%	-1%	-47%	-36%	-20%
No Length		-38%	-12%	-79%	-23%	-19%
Total		-83%	-21%	-51%	-43%	-38%
Open Access with <5% of Revenue from Groundfish						
<40'		-78%	-4%	-53%	-45%	-41%
40'-50'		-68%	-2%	-57%	-45%	-37%
50'-60'		-74%	-47%	-79%	-60%	-54%
60'-70'		-72%	-29%	-71%	-48%	-39%
70'-150'		-72%	-28%	-72%	-46%	-38%
No Length		-43%	4%	-37%	-37%	-17%
Total		-74%	-18%	-63%	-47%	-41%
						-39%

TABLE 4.3-6b. Projected average exvessel revenue per vessel from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships.

Length Class	Alternative		Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)
	Number of Vessels	Baseline (11/00-10/01)				
	Low OY	High OY				
Average Exvessel Revenue Per Vessel (\$ thousands, groundfish species)						
Limited Entry Trawl						
<40'	76	2	1	1	1	1
40'-50'	64	26	18	24	17	23
50'-60'	22	323	272	336	228	303
60'-70'	11	1,014	713	900	683	805
70'-150'	4	4,804	3,068	4,113	3,190	3,574
No Length	1	578	371	516	427	427
Total	178	224	156	202	151	181
Limited Entry Longline and Fishpot						
<40'	4	712	461	770	422	564
40'-50'	27	103	59	104	59	84
50'-60'	60	28	14	27	16	17
60'-70'	56	23	13	24	14	15
70'-150'	83	5	3	5	3	4
No Length	6	1	1	1	1	1
Total	236	38	22	39	22	26
Open Access with >5% From Groundfish						
<40'	675	8	1	6	4	5
40'-50'	66	13	6	15	9	10
50'-60'	12	7	3	5	3	4
60'-70'	6	3	1	4	2	2
70'-150'	2	1	1	1	1	1
No Length	10	10	6	9	2	8
Total	771	8	1	6	4	5
Open Access with <5% of Revenue from Groundfish						
<40'	320	0	0	0	0	0
40'-50'	113	0	0	0	0	0
50'-60'	29	1	0	1	0	1
60'-70'	29	2	1	1	1	1
70'-150'	24	3	1	2	1	2
No Length	1	0	0	0	0	0
Total	516	1	0	1	0	0
Difference Between Baseline and Alternatives (\$ thousands)						
Limited Entry Trawl						
<40'		-131	-131	-132	-131	-131
40'-50'		-1,655	-1,649	-1,656	-1,650	-1,650
50'-60'		-6,828	-6,765	-6,873	-6,797	-6,792
60'-70'		-10,440	-10,252	-10,470	-10,347	-10,334
70'-150'		-16,148	-15,102	-16,025	-15,641	-15,591
No Length		-207	-62	-150	-150	-150

TABLE 4.3-6b. Projected average exvessel revenue per vessel from all species by vessel length class from all sources recorded on West Coast fish landing receipts and vessels delivering to motherships.

Length Class	Number of Vessels	Alternative		Alloc Com (Status Quo Depth Mgmt)	Alloc Com with Depth Management	Preferred Option	Preferred Option (no caps)
		Baseline (11/00-10/01)	Low OY				
Total		-39,696	-39,650	-39,701	-39,673	-39,670	-39,670
Limited Entry Longline and Fishpot							
<40'		-2,388	-2,079	-2,428	-2,286	-2,188	-2,182
40'-50'		-2,727	-2,682	-2,727	-2,719	-2,702	-2,701
50'-60'		-1,660	-1,648	-1,659	-1,658	-1,653	-1,653
60'-70'		-1,275	-1,264	-1,274	-1,274	-1,269	-1,269
70'-150'		-405	-403	-405	-405	-404	-404
No Length		-5	-4	-5	-5	-5	-5
Total		-8,990	-8,973	-8,989	-8,986	-8,980	-8,979
Open Access with >5% From Groundfish							
<40'		-5,225	-5,220	-5,222	-5,222	-5,221	-5,220
40'-50'		-870	-861	-867	-866	-865	-864
50'-60'		-76	-73	-75	-75	-74	-74
60'-70'		-17	-15	-17	-17	-16	-16
70'-150'		-1	-1	-2	-1	-1	-1
No Length		-95	-92	-99	-93	-93	-92
Total		-6,300	-6,295	-6,297	-6,297	-6,296	-6,295
Open Access with <5% of Revenue from Groundfish							
<40'		-131	-130	-130	-130	-130	-130
40'-50'		-42	-42	-42	-42	-42	-42
50'-60'		-35	-35	-35	-35	-35	-35
60'-70'		-56	-56	-56	-56	-56	-56
70'-150'		-68	-67	-68	-67	-67	-67
No Length		-0	0	-0	-0	-0	-0
Total		-334	-333	-334	-333	-333	-333

TABLE 4.3-7. Exvessel revenue projected by month and INPFC area for each alternative and the base period (\$ thousands).

Base Period	Low OY	High OY	Allocation Com	Allocation Com	Preferred Alt with No Nearshore Caps	
	Alternative	Alternative	Alt With No Depth Restrict	Alt With Depth Restrict		
Vancouver INPFC Area						
January	1,683	1,541	1,570	1,579	1,557	1,572
February	992	787	835	843	811	835
March	1,118	892	985	680	989	881
April	1,408	1,066	1,309	833	1,187	1,155
May	855	639	766	536	702	731
June	1,710	1,172	1,578	1,151	1,341	1,421
July	2,338	1,364	2,080	1,440	1,706	1,869
August	2,139	1,144	1,716	1,240	1,382	1,520
September	1,984	1,325	1,839	1,141	1,511	1,592
October	671	413	666	418	467	558
November	526	407	588	441	427	546
December	527	432	549	463	454	529
Columbia INPFC Area						
January	9,716	9,493	9,610	9,632	9,539	9,578
February	4,423	4,172	4,255	4,281	4,212	4,252
March	2,705	2,532	2,594	2,528	2,673	2,472
April	4,836	4,526	4,688	4,689	4,747	4,531
May	8,150	6,625	7,649	6,620	6,989	7,088
June	7,452	6,089	6,938	5,915	6,410	6,514
July	12,684	10,788	11,840	10,470	11,215	11,350
August	15,112	13,177	14,593	13,297	13,561	13,920
September	10,028	8,523	9,830	8,100	8,821	9,103
October	5,684	4,736	5,509	4,788	4,964	5,092
November	2,172	1,869	2,435	2,016	1,958	2,300
December	11,770	11,572	11,958	11,684	11,645	11,893
Eureka INPFC Area						
January	1,735	1,666	1,734	1,725	1,715	1,728
February	1,500	1,373	1,461	1,449	1,435	1,453
March	1,352	1,102	1,277	1,214	1,224	1,197
April	1,436	1,146	1,279	1,297	1,302	1,213
May	1,453	1,027	1,269	975	1,169	1,209
June	1,328	958	1,180	835	1,081	1,131
July	917	698	840	582	761	797
August	2,017	1,781	2,003	1,585	1,867	1,932
September	2,552	2,339	2,739	1,853	2,455	2,513
October	1,110	804	1,021	857	880	938
November	611	532	747	636	600	703
December	7,033	6,958	7,134	7,087	7,060	7,107
Monterey INPFC Area						
January	3,921	3,508	3,925	3,837	3,895	3,906
February	1,953	1,447	1,924	1,678	1,896	1,887
March	1,995	1,467	1,953	1,597	1,919	1,876
April	1,722	1,144	1,672	1,507	1,635	1,613
May	3,521	2,847	3,341	3,073	3,275	3,291
June	1,524	1,066	1,414	1,166	1,353	1,379
July	2,887	2,013	2,743	2,316	2,642	2,644
August	2,858	1,509	2,695	2,268	2,525	2,592

TABLE 4.3-7. Exvessel revenue projected by month and INPFC area for each alternative and the base period (\$ thousands).

Base Period	Low OY	High OY	Allocation Com	Allocation Com	Preferred Alt	
	Alternative	Alternative	Alt With No Depth Restrict	Alt With Depth Restrict	Preferred Alt	with No Nearshore Caps
September	3,780	2,728	3,724	3,055	3,496	3,564
October	2,898	1,771	2,639	2,315	2,519	2,532
November	3,253	2,694	3,200	2,998	3,051	3,134
December	3,490	2,792	3,456	3,222	3,319	3,393
Conception INPFC Area						
January	6,239	3,062	6,281	5,828	6,220	6,229
February	5,231	2,764	5,265	4,756	5,198	5,205
March	5,092	2,603	5,214	4,471	5,105	5,110
April	3,880	2,462	3,953	3,432	3,888	3,897
May	3,877	1,890	3,908	3,183	3,824	3,837
June	2,584	1,231	2,649	2,079	2,555	2,571
July	3,101	1,679	3,139	2,620	3,030	3,043
August	3,144	1,690	3,138	2,774	3,075	3,088
September	3,827	2,326	3,897	3,421	3,818	3,826
October	8,369	5,385	8,399	7,922	8,300	8,322
November	11,822	4,643	11,871	11,379	11,788	11,799
December	11,753	4,972	11,803	11,185	11,656	11,670
						11,742

TABLE 4.3-8. Exvessel revenue projected by month as a percent of revenue in the first month by INPFC area for each alternative and the base period.

Base Period	Low OY Alternative	High OY Alternative	Allocation Com Alt With No Depth Restrict	Allocation Com Alt With Depth Restrict	Preferred Alt	Preferred Alt with No Nearshore Caps
Vancouver INPFC Area						
January	100%	100%	100%	100%	100%	100%
February	59%	51%	53%	53%	52%	53%
March	66%	58%	63%	43%	64%	56%
April	84%	69%	83%	53%	76%	73%
May	51%	41%	49%	34%	45%	47%
June	102%	76%	101%	73%	86%	90%
July	139%	89%	132%	91%	110%	119%
August	127%	74%	109%	79%	89%	97%
September	118%	86%	117%	72%	97%	101%
October	40%	27%	42%	26%	30%	35%
November	31%	26%	37%	28%	27%	35%
December	31%	28%	35%	29%	29%	34%
Columbia INPFC Area						
January	100%	100%	100%	100%	100%	100%
February	46%	44%	44%	44%	44%	44%
March	28%	27%	27%	26%	28%	26%
April	50%	48%	49%	49%	50%	47%
May	84%	70%	80%	69%	73%	74%
June	77%	64%	72%	61%	67%	68%
July	131%	114%	123%	109%	118%	119%
August	156%	139%	152%	138%	142%	145%
September	103%	90%	102%	84%	92%	95%
October	59%	50%	57%	50%	52%	53%
November	22%	20%	25%	21%	21%	24%
December	121%	122%	124%	121%	122%	124%
Eureka INPFC Area						
January	100%	100%	100%	100%	100%	100%
February	86%	82%	84%	84%	84%	84%
March	78%	66%	74%	70%	71%	69%
April	83%	69%	74%	75%	76%	70%
May	84%	62%	73%	57%	68%	70%
June	77%	57%	68%	48%	63%	65%
July	53%	42%	48%	34%	44%	46%
August	116%	107%	116%	92%	109%	112%
September	147%	140%	158%	107%	143%	145%
October	64%	48%	59%	50%	51%	54%
November	35%	32%	43%	37%	35%	41%
December	405%	418%	411%	411%	412%	411%
Monterey INPFC Area						
January	100%	100%	100%	100%	100%	100%
February	50%	41%	49%	44%	49%	48%
March	51%	42%	50%	42%	49%	48%
April	44%	33%	43%	39%	42%	41%
May	90%	81%	85%	80%	84%	84%
June	39%	30%	36%	30%	35%	35%
July	74%	57%	70%	60%	68%	68%
August	73%	43%	69%	59%	65%	67%

TABLE 4.3-8. Exvessel revenue projected by month as a percent of revenue in the first month by INPFC area for each alternative and the base period.

Base Period	Low OY	High OY	Allocation Com	Allocation Com	Preferred Alt with No Nearshore Caps		
	Alternative	Alternative	Alt With No Depth Restrict	Alt With Depth Restrict			
September	96%	78%	95%	80%	90%	91%	92%
October	74%	50%	67%	60%	65%	65%	66%
November	83%	77%	82%	78%	78%	80%	81%
December	89%	80%	88%	84%	85%	87%	87%
Conception INPFC Area							
January	100%	100%	100%	100%	100%	100%	100%
February	84%	90%	84%	82%	84%	84%	84%
March	82%	85%	83%	77%	82%	82%	82%
April	62%	80%	63%	59%	63%	63%	63%
May	62%	62%	62%	55%	61%	62%	62%
June	41%	40%	42%	36%	41%	41%	42%
July	50%	55%	50%	45%	49%	49%	50%
August	50%	55%	50%	48%	49%	50%	50%
September	61%	76%	62%	59%	61%	61%	62%
October	134%	176%	134%	136%	133%	134%	134%
November	189%	152%	189%	195%	190%	189%	190%
December	188%	162%	188%	192%	187%	187%	188%

TABLE 4.3-9. Groundfish exvessel revenue projected by month as a percent of total revenue for the month by INPFC area for each alternative and the base period.

Base Period	Low OY Alternative	High OY Alternative	Allocation Com	Allocation Com	Preferred Alt	Preferred Alt with No Nearshore Caps
			Alt With Depth Restrict	Alt With No Depth Restrict		
Vancouver INPFC Area						
January	27%	20%	22%	22%	21%	22%
February	63%	53%	56%	56%	55%	56%
March	67%	59%	63%	89%	63%	58%
April	74%	65%	72%	94%	69%	68%
May	72%	63%	69%	63%	66%	68%
June	80%	71%	78%	72%	75%	76%
July	81%	68%	79%	72%	74%	77%
August	82%	66%	77%	70%	72%	74%
September	78%	67%	76%	63%	71%	73%
October	92%	86%	91%	89%	88%	90%
November	58%	45%	62%	49%	48%	59%
December	48%	37%	50%	41%	40%	48%
Columbia INPFC Area						
January	11%	9%	10%	10%	9%	10%
February	25%	21%	22%	23%	21%	22%
March	35%	31%	32%	36%	34%	29%
April	28%	23%	26%	27%	27%	23%
May	53%	42%	50%	42%	45%	46%
June	47%	35%	43%	36%	39%	40%
July	34%	23%	30%	24%	26%	26%
August	30%	20%	27%	20%	22%	24%
September	41%	31%	40%	28%	33%	35%
October	44%	33%	43%	34%	36%	38%
November	53%	45%	58%	49%	48%	56%
December	7%	6%	9%	7%	6%	8%
Eureka INPFC Area						
January	31%	28%	31%	31%	30%	31%
February	43%	38%	41%	41%	40%	41%
March	61%	52%	58%	56%	57%	56%
April	64%	55%	60%	60%	61%	58%
May	65%	50%	59%	47%	56%	57%
June	72%	61%	68%	55%	65%	67%
July	63%	51%	59%	44%	55%	57%
August	42%	34%	42%	26%	37%	39%
September	52%	48%	56%	34%	50%	52%
October	49%	30%	45%	34%	36%	40%
November	86%	83%	88%	86%	85%	87%
December	7%	6%	8%	8%	7%	8%
Monterey INPFC Area						
January	10%	7%	10%	10%	10%	10%
February	27%	23%	25%	26%	24%	24%
March	30%	28%	28%	28%	27%	26%
April	29%	28%	27%	25%	25%	24%
May	20%	13%	16%	11%	14%	14%
June	34%	23%	29%	24%	26%	27%
July	32%	23%	28%	21%	25%	25%
August	35%	33%	31%	22%	26%	28%

TABLE 4.3-9. Groundfish exvessel revenue projected by month as a percent of total revenue for the month by INPFC area for each alternative and the base period.

Base Period	Low OY Alternative	High OY Alternative	Allocation Com			Preferred Alt	Preferred Alt with No Nearshore Caps
			Depth Restrict	Alt With No Restrict	Alt With Depth Restrict		
September	32%	30%	31%	21%	27%	28%	29%
October	27%	15%	19%	14%	16%	16%	17%
November	24%	15%	22%	19%	19%	21%	21%
December	21%	13%	21%	17%	17%	19%	20%
Conception INPFC Area							
January	3%	3%	4%	2%	3%	3%	3%
February	4%	4%	5%	3%	4%	4%	5%
March	4%	6%	6%	3%	4%	4%	4%
April	5%	6%	6%	4%	5%	5%	5%
May	10%	9%	11%	8%	9%	9%	10%
June	12%	13%	14%	10%	11%	12%	13%
July	12%	9%	13%	9%	10%	11%	12%
August	10%	7%	10%	6%	8%	8%	10%
September	10%	11%	12%	8%	10%	10%	11%
October	4%	3%	4%	2%	3%	3%	4%
November	3%	3%	3%	2%	3%	3%	3%
December	4%	3%	4%	2%	3%	3%	3%

TABLE 4.3-10. Gross value of purchases by buyer/processors grouped by level of purchases of all species (in terms of exvessel value) for the baseline and each alternative. (Purchases in thousands of dollars)

	Total Number of Buyers/ Processors	Baseline (11/00- 10/01)	Alternative					
			Allocation Options with No New Depth Mgmt		Allocation Options with Depth Mgmt		Council Preferred Alt	Preferred Alt with No Nearshore Caps
			Low OY Option	High OY Option	Com. OY	Com. OY		
<\$5,000	516	855	732	804	729	793	797	804
\$5,000-\$20,000	272	2,918	2,444	2,814	2,558	2,766	2,778	2,814
\$20,000-\$100,000	230	11,571	9,758	11,413	10,050	11,150	11,199	11,243
\$100,000-\$300,000	104	18,418	14,155	18,140	15,086	17,488	17,682	17,864
\$300,000-\$1,000,000	92	51,031	43,207	49,449	46,568	48,332	48,377	48,860
>\$1,000,000	69	205,137	158,545	202,129	185,455	193,752	196,278	196,433
Total	1,283	289,929	228,842	284,751	260,446	274,280	277,112	278,018
Absolute Change Relative to the Baseline								
<\$5,000			-123	-50	-125	-62	-58	-50
\$5,000-\$20,000			-473	-103	-360	-152	-139	-104
\$20,000-\$100,000			-1,812	-157	-1,520	-420	-372	-327
\$100,000-\$300,000			-4,263	-278	-3,332	-930	-736	-554
\$300,000-\$1,000,000			-7,824	-1,582	-4,463	-2,699	-2,653	-2,171
>\$1,000,000			-46,592	-3,008	-19,682	-11,385	-8,859	-8,704
Total			-61,087	-5,178	-29,482	-15,648	-12,817	-11,911
Percent Change Relative to the Baseline								
<\$5,000			-14%	-6%	-15%	-7%	-7%	-6%
\$5,000-\$20,000			-16%	-4%	-12%	-5%	-5%	-4%
\$20,000-\$100,000			-16%	-1%	-13%	-4%	-3%	-3%
\$100,000-\$300,000			-23%	-2%	-18%	-5%	-4%	-3%
\$300,000-\$1,000,000			-15%	-3%	-9%	-5%	-5%	-4%
>\$1,000,000			-23%	-1%	-10%	-6%	-4%	-4%
Total			-21%	-2%	-10%	-5%	-4%	-4%

NOTE: Total revenue varies from Section 4.3.2, because at-sea processors, landings from unknown vessels, tribal fishery, and landings from outside the region are included.

TABLE 4.3-11. Gross value of purchases by buyer/processors grouped by level of involvement in the groundfish fishery (in terms of exvessel value, excluding at-sea processors) for the baseline and each alternative (buyers were ranked in order from largest to smallest and the number receiving 50% of the value of all groundfish was placed in the top group, followed by the number receiving the next 20% and so on). (Purchases in thousands of dollars)

	Total Number of Buyers/ Processors	Baseline (11/00- 10/01)	<u>Alternative</u>					
			Low OY Option	High OY Option	Allocation Com. OY Options with	Allocation Com. OY Options with	Council Preferred Alt	Preferred Alt with No Nearshore
Top 50% of G'fish Value	9	62,910	51,211	62,013	52,034	56,642	58,416	58,397
Next 20% of G'fish Value	8	26,782	21,505	25,532	22,160	23,977	24,340	24,515
Next 10% of G'fish Value	9	14,552	11,821	13,718	12,131	12,814	13,055	13,185
Next 10% of G'fish Value	13	15,770	12,281	14,724	13,231	14,170	14,295	14,565
Final 10% of G'fish Value	405	81,036	59,246	80,363	74,160	78,956	79,285	79,634
At-sea Processors	9	4,443	2,851	3,964	3,286	3,286	3,286	3,287
Nongroundfish Buyers and Processors	830	84,435	69,927	84,435	83,445	84,435	84,435	84,435
Totals	1,283	285,485	228,842	284,751	260,446	274,280	277,112	278,018
<u>Absolute Change Relative to the Baseline</u>								
Top 50% of G'fish Value			-11,699	-896	-10,876	-6,268	-4,494	-4,513
Next 20% of G'fish Value			-5,278	-1,250	-4,622	-2,805	-2,443	-2,267
Next 10% of G'fish Value			-2,731	-834	-2,421	-1,738	-1,497	-1,367
Next 10% of G'fish Value			-3,489	-1,045	-2,539	-1,600	-1,475	-1,205
Final 10% of G'fish Value			-21,790	-673	-6,877	-2,080	-1,752	-1,402
At-sea Processors			-1,592	-479	-1,158	-1,157	-1,157	-1,156
Nongroundfish Buyers and Processors			-14,508	0	-990	0	0	0
Totals			-56,644	-735	-29,482	-11,205	-8,374	-7,467
<u>Percent Change Relative to the Baseline</u>								
Top 50% of G'fish Value			-19%	-1%	-17%	-10%	-7%	-7%
Next 20% of G'fish Value			-20%	-5%	-17%	-10%	-9%	-8%
Next 10% of G'fish Value			-19%	-6%	-17%	-12%	-10%	-9%
Next 10% of G'fish Value			-22%	-7%	-16%	-10%	-9%	-8%
Final 10% of G'fish Value			-27%	-1%	-8%	-3%	-2%	-2%
At-sea Processors			-36%	-11%	-26%	-26%	-26%	-26%
Nongroundfish Buyers and Processors			-17%	0%	-1%	0%	0%	0%
Totals			-20%	-0%	-10%	-4%	-3%	-3%

NOTE: Total revenue varies from values reported in Section 4.3.2 because of the inclusion of at-sea processors, landings from vessels for which the vessel identifier is unknown, tribal fisheries and landings from outside the region.

TABLE 4.3-12. Projected 2003 recreational personal income impacts related to trip expenditures in the recreational fishery. (Washington and Oregon effort data from the state programs, California data from the MRFSS survey administered by the RecFIN program).

Area		Personal Income Associated with the Fishery (\$,000)						Percent Change	Change in Income (\$,000)	Number of Jobs	Change in Jobs				
		Angler Trips (thousands)													
		Charter	Private	Total	Charter	Private	Total								
Washington Coast	Total Recreational Trips (2001)	59	88	147	\$5,335	\$3,285	\$8,620			392					
	Groundfish Trips (2001)	12	10	23	\$1,134	\$385	\$1,519			69					
	<u>2003 Management Alternatives:</u>														
	Low OY Alternative	55	84	139	\$4,962	\$3,055	\$8,017	-7%	-603	365	-27				
	High OY Alternative	59	88	147	\$5,335	\$3,285	\$8,620	0%	0	392	0				
	Allocation Committee Alternative	59	88	147	\$5,335	\$3,285	\$8,620	0%	0	392	0				
	Council Preferred Alternative	59	88	147	\$5,335	\$3,285	\$8,620	0%	0	392	0				
Oregon	Total Recreational Trips (2001)	70	140	211	\$6,382	\$4,911	\$11,293			514					
	Groundfish Trips (2001)	47	22	69	\$4,227	\$783	\$5,011			228					
	<u>2003 Management Alternatives:</u>														
	Low OY Alternative	66	132	198	\$5,999	\$4,617	\$10,615	-6%	-678	483	-31				
	High OY Alternative	70	140	211	\$6,382	\$4,911	\$11,293	0%	0	514	0				
	Allocation Committee Alternative	70	140	211	\$6,382	\$4,911	\$11,293	0%	0	514	0				
	Council Preferred Alternative	70	140	211	\$6,382	\$4,911	\$11,293	0%	0	514	0				
North/Central California	Total Recreational Trips (2001)	221	901	1,122	\$27,294	\$54,172	\$81,466			3,363					
	Groundfish Trips (2001)	141	164	305	\$17,414	\$9,860	\$27,274			1,126					
	<u>2003 Management Alternatives:</u>														
	Low OY Alternative	85	750	835	\$10,450	\$45,099	\$55,549	-32%	-25,917	2,293	-1,070				
	High OY Alternative	229	907	1,136	\$28,296	\$54,541	\$82,837	2%	1,371	3,420	57				
	Allocation Committee Alternative	229	907	1,136	\$28,296	\$54,541	\$82,837	2%	1,371	3,420	57				
	Council Preferred Alternative	167	842	1,009	\$20,684	\$50,611	\$71,295	-12%	-10,171	2,973	-420				
Southern California	Total Recreational Trips (2001)	577	1,757	2,334	\$72,321	\$81,023	\$153,345			5,536					
	Groundfish Trips (2001)	204	252	456	\$25,569	\$11,621	\$37,190			1,343					
	<u>2003 Management Alternatives:</u>														
	Low OY Alternative	373	1,505	1,878	\$46,752	\$69,403	\$116,155	-24%	-37,190	4,001	-1,535				
	High OY Alternative	562	1,739	2,301	\$70,498	\$80,195	\$150,692	-2%	-2,653	5,426	-110				
	Allocation Committee Alternative	562	1,739	2,301	\$70,498	\$80,195	\$150,692	-2%	-2,653	5,426	-110				
	Council Preferred Alternative	501	1,642	2,143	\$62,793	\$75,734	\$138,527	-10%	-14,818	4,924	-612				
California Total	Total Recreational Trips (2001)	798	2,658	3,456	\$99,616	\$135,195	\$234,811			8,899					
	Groundfish Trips (2001)	345	416	761	\$42,983	\$21,481	\$64,465			2,469					
	<u>2003 Management Alternatives:</u>														
	Low OY Alternative	458	2,255	2,713	57,7020	114,501	171,703	-27%	-63,108	6,294	-2,605				
	High OY Alternative	792	2,646	3,438	98,794	134,735	233,529	-1%	-1,282	8,846	-53				
	Allocation Committee Alternative	792	2,646	3,438	98,794	134,735	233,529	-1%	-1,282	8,846	-53				
	Council Preferred Alternative	668	2,484	3,153	83,476	126,346	209,822	-11%	-24,989	7,867	-1,032				
Grand Total	Total Recreational Trips (2001)	927	2,886	3,813	111,332	143,392	254,724			9,804					
	Groundfish Trips (2001)	404	449	853	48,345	22,649	70,994			2,765					
	<u>2003 Management Alternatives:</u>														
	Low OY Alternative	578	2,472	3,050	68,162	122,173	190,335	-25%	-64,389	7,141	-2,663				
	High OY Alternative	920	2,875	3,795	110,510	142,932	253,442	-1%	-1,282	9,752	-53				
	Allocation Committee Alternative	920	2,875	3,795	110,510	142,932	253,442	-1%	-1,282	9,752	-53				
	Council Preferred Alternative	797	2,713	3,510	93,193	134,542	229,735	-10%	-24,989	8,773	-1,032				

TABLE 4.3-13. Expected catch of important groundfish species under the proposed tribal fishery management option.

Species	Longline		Trawl		Troll		Total- All Gears	
	Ibs	mt	Ibs	mt	Ibs	mt	Ibs	mt
black ¹⁷	0	0	<50	<0.02	0	0	<0	<0.02
lingcod	7,500	3.4	2,000	0.9	2,000	0.9	11,500	5.2
canary	1,500	0.7	2,500	1.1	1,000	0.5	5,000	2.3
yelloweye		3	50	0.02	100	0.05		3.1
yellowtail	200	0.09	500,000	395	10,000	4.5	510,200	400.0
widow	0	0	50,000	45	NA	NA	50,000	45.0
POP	0	0	0	0	0	0	0	0.0
darkblotched	0	0	0	0	0	0	0	0.0
shortspine								
thornyhead	6,000	2.7	0	0	0	0	6,000	2.7

¹⁷ Not including unspecified rockfish. About 15-25 mt landed on average in 1996-2001.

TABLE 4.3-14 Estimated total ex-vessel revenue from commercial fishing by major port area under different management alternatives (\$,000).

Base (11/00-10/01)	WASHINGTON					OREGON				
	Puget Sound	NW Olympic Peninsula	Central WA	South WA Coast	WA TOTAL	Astoria-Tillamook	Newport	Coos Bay	Brookings	OR TOTAL
Total West Coast (All Ocean Fisheries, 0-200 miles)	7,402	5,282	16,662	12,784	44,621	24,531	21,294	12,629	5,800	64,255
Groundfish (including at-sea, excluding tribes)	4,116	3,200	2,432	583	10,338	9,921	7,659	5,076	2,448	25,104
Limited Entry Trawl Groundfish	2,980	803	1,841	468	6,093	8,765	6,234	4,081	1,162	20,242
All Other Groundfish Gear	1,136	2,397	591	115	4,245	1,156	1,425	995	1,286	4,861
<u>Low OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	5,131	4,069	15,607	12,515	39,521	21,034	18,455	11,441	4,686	55,616
Groundfish (including at-sea, excluding tribes)	1,845	1,988	1,377	314	5,528	6,424	4,820	3,887	1,333	16,465
Limited Entry Trawl Groundfish	1,266	520	1,043	253	3,082	5,823	4,030	3,353	1,087	14,293
All Other Groundfish Gear	579	1,468	334	61	2,446	601	790	534	246	2,171
<u>High OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	6,374	5,388	16,252	12,657	43,291	23,263	20,487	12,648	5,625	62,023
Groundfish (including at-sea, excluding tribes)	3,088	3,305	2,022	456	8,878	8,653	6,853	5,094	2,272	22,872
Limited Entry Trawl Groundfish	2,003	646	1,409	344	4,402	7,486	5,380	4,078	1,251	18,195
All Other Groundfish Gear	1,084	2,660	613	111	4,477	1,166	1,473	1,015	1,021	4,676
<u>Alloc. Cm. OY Alternative: no depth restrictions</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	5,283	4,292	15,650	12,546	40,029	20,751	18,631	11,213	4,980	55,575
Groundfish (including at-sea, excluding tribes)	1,997	2,210	1,420	345	5,977	6,140	4,997	3,659	1,628	16,424
Limited Entry Trawl Groundfish	1,360	586	1,052	280	3,278	5,423	4,107	3,043	860	13,432
All Other Groundfish Gear	637	1,625	368	65	2,699	718	890	616	768	2,992
<u>Alloc. Cm. Alternative: with depth restrictions</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	5,853	4,389	15,811	12,573	40,885	21,964	19,081	11,777	5,319	58,141
Groundfish (including at-sea, excluding tribes)	2,567	2,306	1,581	372	6,831	7,353	5,447	4,223	1,967	18,990
Limited Entry Trawl Groundfish	1,897	665	1,207	303	4,072	6,620	4,546	3,595	1,113	15,874
All Other Groundfish Gear	670	1,641	374	69	2,759	733	901	628	854	3,116
<u>September Council OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	6,044	4,817	15,928	12,595	41,812	22,341	19,492	12,123	5,420	59,376
Groundfish (including at-sea, excluding tribes)	2,758	2,734	1,698	394	7,589	7,730	5,857	4,570	2,068	20,225
Limited Entry Trawl Groundfish	1,892	613	1,211	305	4,022	6,793	4,687	3,759	1,135	16,375
All Other Groundfish Gear	865	2,121	487	89	3,568	937	1,170	810	933	3,850

TABLE 4.3-14 Estimated total ex-vessel revenue from commercial fishing by major port area under different management alternatives (\$,000).

Base (11/00-10/01)	CALIFORNIA											At Sea Sector	Grand Total
	Crescent City	Eureka	Fort Bragg	San Francisco	Monterey	San Luis Obispo	Santa Barbara	Los Angeles	San Diego	CA TOTAL			
Total West Coast (All Ocean Fisheries, 0-200 miles)	9,204	7,302	8,372	17,436	7,736	5,598	22,421	35,733	5,917	119,872	7,850	236,598	
Groundfish (including at-sea, excluding tribes)	2,518	3,714	3,147	2,641	2,720	1,832	927	570	303	18,373	7,839	61,653	
Limited Entry Trawl Groundfish	1,627	3,039	2,111	1,712	1,167	518	4	0	2	10,181	7,839	44,355	
All Other Groundfish Gear	892	674	1,035	929	1,553	1,314	922	569	301	8,191	0	17,298	
<u>Low OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	8,212	6,554	7,330	14,183	3,353	3,410	7,880	18,658	5,604	75,336	5,039	175,512	
Groundfish (including at-sea, excluding tribes)	1,615	2,966	2,177	937	1,603	467	418	555	362	11,100	5,032	38,125	
Limited Entry Trawl Groundfish	1,479	2,751	1,773	745	1,006	463	2	1	2	8,222	5,032	30,629	
All Other Groundfish Gear	137	215	404	192	597	3	416	555	360	2,878	0	7,496	
<u>High OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	8,829	7,326	8,378	16,592	7,540	5,175	22,559	36,260	6,294	119,104	7,004	231,421	
Groundfish (including at-sea, excluding tribes)	2,143	3,738	3,152	1,797	2,524	1,409	1,064	1,097	681	17,605	6,993	56,348	
Limited Entry Trawl Groundfish	1,734	3,278	2,198	1,299	1,235	559	4	1	2	10,310	6,993	39,900	
All Other Groundfish Gear	409	459	954	498	1,289	850	1,059	1,096	678	7,295	0	16,448	
<u>Alloc. Cm. OY Alternative: no depth restrictions</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	8,144	6,175	7,282	14,962	6,638	4,086	19,476	34,641	5,621	107,177	5,806	208,588	
Groundfish (including at-sea, excluding tribes)	1,459	2,587	2,129	1,365	1,758	1,074	461	504	362	11,700	5,798	39,899	
Limited Entry Trawl Groundfish	1,149	2,310	1,519	1,103	1,081	442	2	1	0	7,607	5,798	30,115	
All Other Groundfish Gear	310	277	610	262	677	632	459	503	362	4,093	0	9,784	
<u>Alloc. Cm. Alternative: with depth restrictions</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	8,566	6,804	7,830	16,385	7,152	5,047	22,268	35,861	6,053	116,118	5,806	220,951	
Groundfish (including at-sea, excluding tribes)	1,881	3,215	2,604	1,590	2,136	1,281	773	698	440	14,619	5,798	46,238	
Limited Entry Trawl Groundfish	1,571	2,922	1,949	1,271	1,195	535	4	1	2	9,451	5,798	35,195	
All Other Groundfish Gear	310	293	655	319	941	746	769	697	438	5,168	0	11,044	
<u>September Council OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	8,625	7,012	7,877	16,469	7,285	5,099	22,276	35,902	6,090	116,788	5,806	223,782	
Groundfish (including at-sea, excluding tribes)	1,940	3,423	2,651	1,674	2,269	1,334	782	739	476	15,289	5,798	48,901	
Limited Entry Trawl Groundfish	1,583	3,039	1,861	1,231	1,172	537	4	1	2	9,430	5,798	35,624	
All Other Groundfish Gear	357	384	790	443	1,097	797	778	738	474	5,858	0	13,277	

TABLE 4.3-15 Estimated % change (from Base) in ex-vessel revenue by major port area under groundfish management alternatives.

	WASHINGTON					OREGON				
	Puget Sound	NW Olympic Peninsula	Central WA	South WA Coast	WA TOTAL	Astoria-Tillamook	Newport	Coos Bay	Brookings	OR TOTAL
Base (11/00-10/01)										
Total West Coast (All Ocean Fisheries, 0-200 miles)	7,402	5,282	16,662	12,784	44,621	24,531	21,294	12,629	5,800	64,255
Groundfish (including at-sea, excluding tribes)	4,116	3,200	2,432	583	10,338	9,921	7,659	5,076	2,448	25,104
Limited Entry Trawl Groundfish	2,980	803	1,841	468	6,093	8,765	6,234	4,081	1,162	20,242
All Other Groundfish Gear	1,136	2,397	591	115	4,245	1,156	1,425	995	1,286	4,861
<u>Low OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-31%	-23%	-6%	-2%	-11%	-14%	-13%	-9%	-19%	-13%
Groundfish (including at-sea, excluding tribes)	-55%	-38%	-43%	-46%	-47%	-35%	-37%	-23%	-46%	-34%
Limited Entry Trawl Groundfish	-58%	-35%	-43%	-46%	-49%	-34%	-35%	-18%	-6%	-29%
All Other Groundfish Gear	-49%	-39%	-43%	-47%	-42%	-48%	-45%	-46%	-81%	-55%
<u>High OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-14%	2%	-2%	-1%	-3%	-5%	-4%	0%	-3%	-3%
Groundfish (including at-sea, excluding tribes)	-25%	3%	-17%	-22%	-14%	-13%	-11%	0%	-7%	-9%
Limited Entry Trawl Groundfish	-33%	-20%	-23%	-27%	-28%	-15%	-14%	0%	8%	-10%
All Other Groundfish Gear	-5%	11%	4%	-3%	5%	1%	3%	2%	-21%	-4%
<u>Alloc. Cm. OY Alternative: no depth restrictions</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-29%	-19%	-6%	-2%	-10%	-15%	-13%	-11%	-14%	-14%
Groundfish (including at-sea, excluding tribes)	-51%	-31%	-42%	-41%	-42%	-38%	-35%	-28%	-33%	-35%
Limited Entry Trawl Groundfish	-54%	-27%	-43%	-40%	-46%	-38%	-34%	-25%	-26%	-34%
All Other Groundfish Gear	-44%	-32%	-38%	-43%	-36%	-38%	-38%	-38%	-40%	-38%
<u>Alloc. Cm. Alternative: with depth restrictions</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-21%	-17%	-5%	-2%	-8%	-10%	-10%	-7%	-8%	-10%
Groundfish (including at-sea, excluding tribes)	-38%	-28%	-35%	-36%	-34%	-26%	-29%	-17%	-20%	-24%
Limited Entry Trawl Groundfish	-36%	-17%	-34%	-35%	-33%	-24%	-27%	-12%	-4%	-22%
All Other Groundfish Gear	-41%	-32%	-37%	-40%	-35%	-37%	-37%	-37%	-34%	-36%
<u>September Council OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-18%	-9%	-4%	-1%	-6%	-9%	-8%	-4%	-7%	-8%
Groundfish (including at-sea, excluding tribes)	-33%	-15%	-30%	-32%	-27%	-22%	-24%	-10%	-16%	-19%
Limited Entry Trawl Groundfish	-36%	-24%	-34%	-35%	-34%	-22%	-25%	-8%	-2%	-19%
All Other Groundfish Gear	-24%	-12%	-18%	-22%	-16%	-19%	-18%	-19%	-27%	-21%

TABLE 4.3-15 Estimated % change (from Base) in exvessel revenue by major port area under groundfish management alternatives.

Base (11/00-10/01)	CALIFORNIA											At Sea Sector	Grand Total
	Crescent City	Eureka	Fort Bragg	San Francisco	San Monterey	San Luis Obispo	Santa Barbara	Los Angeles	San Diego	CA TOTAL			
Total West Coast (All Ocean Fisheries, 0-200 miles)	9,204	7,302	8,372	17,436	7,736	5,598	22,421	35,733	5,917	119,872	7,850	236,598	
Groundfish (including at-sea, excluding tribes)	2,518	3,714	3,147	2,641	2,720	1,832	927	570	303	18,373	7,839	61,653	
Limited Entry Trawl Groundfish	1,627	3,039	2,111	1,712	1,167	518	4	0	2	10,181	7,839	44,355	
All Other Groundfish Gear	892	674	1,035	929	1,553	1,314	922	569	301	8,191	0	17,298	
<u>Low OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-11%	-10%	-12%	-19%	-57%	-39%	-65%	-48%	-5%	-37%	-36%	-26%	
Groundfish (including at-sea, excluding tribes)	-36%	-20%	-31%	-65%	-41%	-75%	-55%	-3%	19%	-40%	-36%	-38%	
Limited Entry Trawl Groundfish	-9%	-9%	-16%	-56%	-14%	-11%	-58%	95%	0%	-19%	-36%	-31%	
All Other Groundfish Gear	-85%	-68%	-61%	-79%	-62%	-100%	-55%	-3%	19%	-65%	-57%		
<u>High OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-4%	0%	0%	-5%	-3%	-8%	1%	1%	6%	-1%	-11%	-2%	
Groundfish (including at-sea, excluding tribes)	-15%	1%	0%	-32%	-7%	-23%	15%	93%	124%	-4%	-11%	-9%	
Limited Entry Trawl Groundfish	7%	8%	4%	-24%	6%	8%	8%	190%	0%	1%	-11%	-10%	
All Other Groundfish Gear	-54%	-32%	-8%	-46%	-17%	-35%	15%	93%	125%	-11%	-5%		
<u>Alloc. Cm. OY Alternative: no depth restrictions</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-12%	-15%	-13%	-14%	-14%	-27%	-13%	-3%	-5%	-11%	-26%	-12%	
Groundfish (including at-sea, excluding tribes)	-42%	-30%	-32%	-48%	-35%	-41%	-50%	-11%	19%	-36%	-26%	-35%	
Limited Entry Trawl Groundfish	-29%	-24%	-28%	-36%	-7%	-15%	-50%	110%	-100%	-25%	-26%	-32%	
All Other Groundfish Gear	-65%	-59%	-41%	-72%	-56%	-52%	-50%	-12%	20%	-50%	-43%		
<u>Alloc. Cm. Alternative: with depth restrictions</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-7%	-7%	-6%	-6%	-8%	-10%	-1%	0%	2%	-3%	-26%	-7%	
Groundfish (including at-sea, excluding tribes)	-25%	-13%	-17%	-40%	-21%	-30%	-17%	23%	45%	-20%	-26%	-25%	
Limited Entry Trawl Groundfish	-3%	-4%	-8%	-26%	2%	3%	8%	110%	0%	-7%	-26%	-21%	
All Other Groundfish Gear	-65%	-57%	-37%	-66%	-39%	-43%	-17%	22%	45%	-37%	-36%		
<u>September Council OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-6%	-4%	-6%	-6%	-6%	-9%	-1%	0%	3%	-3%	-26%	-5%	
Groundfish (including at-sea, excluding tribes)	-23%	-8%	-16%	-37%	-17%	-27%	-16%	30%	57%	-17%	-26%	-21%	
Limited Entry Trawl Groundfish	-3%	0%	-12%	-28%	0%	3%	-8%	146%	0%	-7%	-26%	-20%	
All Other Groundfish Gear	-60%	-43%	-24%	-52%	-29%	-39%	-16%	30%	57%	-28%	-23%		

TABLE 4.3-16 Estimated total income* from commercial fishing by major port area under different management alternatives (\$,000).

Base (11/00-10/01)	WASHINGTON					OREGON				
	Puget Sound	NW Olympic Peninsula	Central WA	South WA Coast	WA TOTAL	Astoria-Tillamook	Newport	Coos Bay	Brookings	OR TOTAL
Total West Coast (All Ocean Fisheries, 0-200 miles)	14,344	8,262	29,858	21,053	77,099	46,402	45,709	23,476	8,792	124,378
Groundfish (including at-sea, excluding tribes)	8,694	4,865	7,442	1,557	22,569	24,122	22,122	9,266	3,754	59,264
Limited Entry Trawl Groundfish	6,558	1,318	6,558	1,377	15,811	22,338	19,991	7,718	1,985	52,032
All Other Groundfish Gear	2,136	3,547	885	180	6,758	1,784	2,132	1,548	1,769	7,233
<u>Low OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	9,370	6,428	26,554	20,376	65,884	37,892	36,953	21,095	7,289	103,228
Groundfish (including at-sea, excluding tribes)	3,721	3,032	4,139	880	11,778	15,612	13,367	6,885	2,251	38,114
Limited Entry Trawl Groundfish	2,698	855	3,638	786	7,977	14,676	12,183	6,049	1,877	34,786
All Other Groundfish Gear	1,022	2,177	501	94	3,801	935	1,183	836	373	3,328
<u>High OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	11,851	8,393	28,323	20,746	73,085	43,306	42,294	23,138	8,601	117,338
Groundfish (including at-sea, excluding tribes)	6,201	4,994	5,908	1,251	18,364	21,025	18,708	8,928	3,563	52,224
Limited Entry Trawl Groundfish	4,263	1,058	4,989	1,077	11,388	19,220	16,504	7,344	2,136	45,204
All Other Groundfish Gear	1,938	3,935	918	173	6,976	1,806	2,204	1,584	1,427	7,020
<u>Alloc. Cm. OY Alternative: no depth restrictions</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	9,643	6,768	26,913	20,480	67,046	37,912	38,029	20,666	7,563	104,170
Groundfish (including at-sea, excluding tribes)	3,994	3,372	4,497	984	12,853	15,631	14,443	6,456	2,525	39,056
Limited Entry Trawl Groundfish	2,873	966	3,947	883	8,670	14,524	13,112	5,496	1,468	34,601
All Other Groundfish Gear	1,120	2,405	550	101	4,183	1,107	1,331	960	1,057	4,455
<u>Alloc. Cm. Alternative: with depth restrictions</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	10,923	6,924	27,182	20,531	68,801	40,171	38,792	21,677	8,122	108,762
Groundfish (including at-sea, excluding tribes)	5,273	3,525	4,767	1,035	14,606	17,891	15,205	7,467	3,084	43,648
Limited Entry Trawl Groundfish	4,063	1,093	4,206	927	10,289	16,759	13,857	6,490	1,914	39,021
All Other Groundfish Gear	1,210	2,432	561	108	4,317	1,132	1,348	977	1,170	4,627
<u>September Council OY Alternative</u>										
Total West Coast (All Ocean Fisheries, 0-200 miles)	11,228	7,540	27,361	20,562	70,183	40,762	39,415	22,237	8,276	110,689
Groundfish (including at-sea, excluding tribes)	5,578	4,142	4,946	1,066	15,741	18,482	15,828	8,027	3,238	45,575
Limited Entry Trawl Groundfish	4,025	1,002	4,217	928	10,172	17,033	14,077	6,764	1,947	39,822
All Other Groundfish Gear	1,553	3,140	729	139	5,569	1,449	1,751	1,263	1,291	5,753

* Includes total income impacts (wages and salaries paid to primary producers, processors and suppliers, and the additional income generated when wages and salaries are spent).

Note: Includes impacts of all commercial ocean fisheries based on PFMC FEAM (9/02).

TABLE 4.3-16 Estimated total income* from commercial fishing by major port area under different management alternatives (\$,000).

Base (11/00-10/01)	CALIFORNIA												At Sea Sector	Grand Total
	Crescent City	Eureka	Fort Bragg	San Francisco	Monterey	San Luis Obispo	Santa Barbara	Los Angeles	San Diego	CA TOTAL				
Total West Coast (All Ocean Fisheries, 0-200 miles)	19,111	14,729	15,740	39,330	34,174	10,348	98,377	149,075	13,431	394,726	39,126	635,329		
Groundfish (including at-sea, excluding tribes)	6,246	7,501	6,183	5,744	5,091	2,482	1,396	1,148	625	36,418	39,126	157,377		
Limited Entry Trawl Groundfish	5,019	6,437	4,503	4,176	2,579	1,095	9	1	4	23,821	39,126	130,790		
All Other Groundfish Gear	1,227	1,064	1,680	1,569	2,512	1,388	1,387	1,147	621	12,597	0	26,587		
<u>Low OY Alternative</u>														
Total West Coast (All Ocean Fisheries, 0-200 miles)	16,762	13,548	14,120	31,684	7,371	7,387	16,824	46,270	12,928	167,305	25,115	361,532		
Groundfish (including at-sea, excluding tribes)	4,118	6,321	4,688	2,294	3,491	1,047	841	1,224	800	24,825	25,115	99,832		
Limited Entry Trawl Groundfish	3,849	5,912	3,921	1,850	2,302	1,040	2	2	4	18,883	25,115	86,762		
All Other Groundfish Gear	269	409	766	445	1,188	6	839	1,222	796	5,941	0	13,070		
<u>High OY Alternative</u>														
Total West Coast (All Ocean Fisheries, 0-200 miles)	18,179	15,031	15,961	37,802	34,095	9,968	98,656	150,059	14,135	394,297	34,905	619,626		
Groundfish (including at-sea, excluding tribes)	5,314	7,804	6,404	4,217	5,012	2,103	1,674	2,132	1,329	35,989	34,905	141,483		
Limited Entry Trawl Groundfish	4,639	6,977	4,787	3,228	2,771	1,224	9	3	4	23,644	34,905	115,141		
All Other Groundfish Gear	674	827	1,617	989	2,241	878	1,665	2,129	1,325	12,345	0	26,342		
<u>Alloc. Cm. OY Alternative: no depth restrictions</u>														
Total West Coast (All Ocean Fisheries, 0-200 miles)	16,558	12,597	13,659	33,324	32,336	8,084	91,931	146,435	12,932	368,265	28,939	568,420		
Groundfish (including at-sea, excluding tribes)	3,693	5,370	4,227	3,134	3,504	1,578	698	1,050	743	23,996	28,939	104,844		
Limited Entry Trawl Groundfish	3,214	4,874	3,220	2,594	2,358	927	4	2	0	17,193	28,939	89,403		
All Other Groundfish Gear	479	495	1,007	541	1,146	650	694	1,048	743	6,803	0	15,442		
<u>Alloc. Cm. Alternative: with depth restrictions</u>														
Total West Coast (All Ocean Fisheries, 0-200 miles)	17,477	13,988	14,880	37,371	33,358	9,809	98,254	149,390	13,726	388,663	28,939	595,165		
Groundfish (including at-sea, excluding tribes)	4,612	6,761	5,323	3,786	4,275	1,943	1,272	1,463	920	30,355	28,939	117,548		
Limited Entry Trawl Groundfish	4,133	6,239	4,263	3,155	2,683	1,172	9	2	4	21,661	28,939	99,911		
All Other Groundfish Gear	479	522	1,060	631	1,592	771	1,262	1,461	916	8,694	0	17,638		
<u>September Council OY Alternative</u>														
Total West Coast (All Ocean Fisheries, 0-200 miles)	17,598	14,393	15,030	37,694	33,663	9,868	98,290	149,507	13,821	390,274	28,939	600,085		
Groundfish (including at-sea, excluding tribes)	4,733	7,166	5,473	4,109	4,579	2,002	1,309	1,581	1,015	31,967	28,939	122,222		
Limited Entry Trawl Groundfish	4,162	6,485	4,156	3,261	2,690	1,178	9	3	4	21,948	28,939	100,881		
All Other Groundfish Gear	571	681	1,316	848	1,890	824	1,300	1,579	1,010	10,019	0	21,341		

* Includes total income impacts (wages and salaries paid to primary producers, processors and suppliers, and the additional income generated when wages and salaries are spent).

Note: Includes impacts of all commercial ocean fisheries based on PFMC FEAM (9/02).

TABLE 4.3-17 Estimated % change (from Base) in total fishery related-income* by major port area under groundfish management alternatives.

	WASHINGTON						OREGON			
	Puget Sound	NW Olympic Peninsula	Central WA Coast	South WA Coast	WA TOTAL	Astoria-Tillamook	Newport	Coos Bay	Brookings	OR TOTAL
Base (11/00-10/01)										
Total West Coast (All Ocean Fisheries, 0-200 miles)	14,344	8,262	29,858	21,053	77,099	46,402	45,709	23,476	8,792	124,378
Groundfish (including at-sea, excluding tribes)	8,694	4,865	7,442	1,557	22,569	24,122	22,122	9,266	3,754	59,264
Limited Entry Trawl Groundfish	6,558	1,318	6,558	1,377	15,811	22,338	19,991	7,718	1,985	52,032
All Other Groundfish Gear	2,136	3,547	885	180	6,758	1,784	2,132	1,548	1,769	7,233
Low OY Alternative										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-35%	-22%	-11%	-3%	-15%	-18%	-19%	-10%	-17%	-17%
Groundfish (including at-sea, excluding tribes)	-57%	-38%	-44%	-43%	-48%	-35%	-40%	-26%	-40%	-36%
Limited Entry Trawl Groundfish	-59%	-35%	-45%	-43%	-50%	-34%	-39%	-22%	-5%	-33%
All Other Groundfish Gear	-52%	-39%	-43%	-48%	-44%	-48%	-44%	-46%	-79%	-54%
High OY Alternative										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-17%	2%	-5%	-1%	-5%	-7%	-7%	-1%	-2%	-6%
Groundfish (including at-sea, excluding tribes)	-29%	3%	-21%	-20%	-19%	-13%	-15%	-4%	-5%	-12%
Limited Entry Trawl Groundfish	-35%	-20%	-24%	-22%	-28%	-14%	-17%	-5%	8%	-13%
All Other Groundfish Gear	-9%	11%	4%	-4%	3%	1%	3%	2%	-19%	-3%
Alloc. Cm. OY Alternative: no depth restrictions										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-33%	-18%	-10%	-3%	-13%	-18%	-17%	-12%	-14%	-16%
Groundfish (including at-sea, excluding tribes)	-54%	-31%	-40%	-37%	-43%	-35%	-35%	-30%	-33%	-34%
Limited Entry Trawl Groundfish	-56%	-27%	-40%	-36%	-45%	-35%	-34%	-29%	-26%	-34%
All Other Groundfish Gear	-48%	-32%	-38%	-44%	-38%	-38%	-38%	-38%	-40%	-38%
Alloc. Cm. Alternative: with depth restrictions										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-24%	-16%	-9%	-2%	-11%	-13%	-15%	-8%	-8%	-13%
Groundfish (including at-sea, excluding tribes)	-39%	-28%	-36%	-34%	-35%	-26%	-31%	-19%	-18%	-26%
Limited Entry Trawl Groundfish	-38%	-17%	-36%	-33%	-35%	-25%	-31%	-16%	-4%	-25%
All Other Groundfish Gear	-43%	-31%	-37%	-40%	-36%	-37%	-37%	-37%	-34%	-36%
September Council OY Alternative										
Total West Coast (All Ocean Fisheries, 0-200 miles)	-22%	-9%	-8%	-2%	-9%	-12%	-14%	-5%	-6%	-11%
Groundfish (including at-sea, excluding tribes)	-36%	-15%	-34%	-31%	-30%	-23%	-28%	-13%	-14%	-23%
Limited Entry Trawl Groundfish	-39%	-24%	-36%	-33%	-36%	-24%	-30%	-12%	-2%	-23%
All Other Groundfish Gear	-27%	-11%	-18%	-23%	-18%	-19%	-18%	-18%	-27%	-20%

* Includes total income impacts (wages and salaries paid to primary producers, processors and suppliers, and the additional income generated when wages and salaries are spent).

Note: Includes impacts of all commercial ocean fisheries based on PFMC FEAM (9/02).

TABLE 4.3-17 Estimated % change (from Base) in total fishery related-income* by major port area under groundfish management alternatives (Page 2 of 2)

Base (11/00-10/01)	CALIFORNIA											At Sea Sector	Grand Total
	Crescent City	Eureka	Fort Bragg	San Francisco	Monterey	San Luis Obispo	Santa Barbara	Los Angeles	San Diego	CA TOTAL			
Total West Coast (All Ocean Fisheries, 0-200 miles)	19,111	14,729	15,740	39,330	34,174	10,348	98,377	149,075	13,431	394,726	39,126	635,329	
Groundfish (including at-sea, excluding tribes)	6,246	7,501	6,183	5,744	5,091	2,482	1,396	1,148	625	36,418	39,126	157,377	
Limited Entry Trawl Groundfish	5,019	6,437	4,503	4,176	2,579	1,095	9	1	4	23,821	39,126	130,790	
All Other Groundfish Gear	1,227	1,064	1,680	1,569	2,512	1,388	1,387	1,147	621	12,597	0	26,587	
<u>Low OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-12%	-8%	-10%	-19%	-78%	-29%	-83%	-69%	-4%	-58%	-36%	-43%	
Groundfish (including at-sea, excluding tribes)	-34%	-16%	-24%	-60%	-31%	-58%	-40%	7%	28%	-32%	-36%	-37%	
Limited Entry Trawl Groundfish	-23%	-8%	-13%	-56%	-11%	-5%	-71%	95%	0%	-21%	-36%	-34%	
All Other Groundfish Gear	-78%	-62%	-54%	-72%	-53%	-100%	-40%	7%	28%	-53%	-51%	-51%	
<u>High OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-5%	2%	1%	-4%	0%	-4%	0%	1%	5%	0%	-11%	-2%	
Groundfish (including at-sea, excluding tribes)	-15%	4%	4%	-27%	-2%	-15%	20%	86%	113%	-1%	-11%	-10%	
Limited Entry Trawl Groundfish	-8%	8%	6%	-23%	7%	12%	10%	190%	0%	-1%	-11%	-12%	
All Other Groundfish Gear	-45%	-22%	-4%	-37%	-11%	-37%	20%	86%	113%	-2%	-1%	-1%	
<u>Alloc. Cm. OY Alternative: no depth restrictions</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-13%	-14%	-13%	-15%	-5%	-22%	-7%	-2%	-4%	-7%	-26%	-11%	
Groundfish (including at-sea, excluding tribes)	-41%	-28%	-32%	-45%	-31%	-36%	-50%	-9%	19%	-34%	-26%	-33%	
Limited Entry Trawl Groundfish	-36%	-24%	-28%	-38%	-9%	-15%	-56%	110%	-	-28%	-26%	-32%	
All Other Groundfish Gear	-61%	-53%	-40%	-66%	-54%	-53%	-50%	-9%	20%	-46%	-42%	-42%	
<u>Alloc. Cm. Alternative: with depth restrictions</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-9%	-5%	-5%	-5%	-2%	-5%	0%	0%	2%	-2%	-26%	-6%	
Groundfish (including at-sea, excluding tribes)	-26%	-10%	-14%	-34%	-16%	-22%	-9%	27%	47%	-17%	-26%	-25%	
Limited Entry Trawl Groundfish	-18%	-3%	-5%	-24%	4%	7%	10%	110%	0%	-9%	-26%	-24%	
All Other Groundfish Gear	-61%	-51%	-37%	-60%	-37%	-44%	-9%	27%	48%	-31%	-34%	-34%	
<u>September Council OY Alternative</u>													
Total West Coast (All Ocean Fisheries, 0-200 miles)	-8%	-2%	-5%	-4%	-1%	-5%	0%	0%	3%	-1%	-26%	-6%	
Groundfish (including at-sea, excluding tribes)	-24%	-4%	-11%	-28%	-10%	-19%	-6%	38%	62%	-12%	-26%	-22%	
Limited Entry Trawl Groundfish	-17%	1%	-8%	-22%	4%	8%	4%	146%	0%	-8%	-26%	-23%	
All Other Groundfish Gear	-53%	-36%	-22%	-46%	-25%	-41%	-6%	38%	63%	-20%	-20%	-20%	

* Includes total income impacts (wages and salaries paid to primary producers, processors and suppliers, and the additional income generated when wages and salaries are spent).

Note: Includes impacts of all commercial ocean fisheries based on PFMC FEAM (9/02).

TABLE 4.3-18 Estimated employment from commercial fishing activities by coastal port area under the management alternatives.

Port Group Area	Baseline Employment	Low OY Alternative		High OY Alternative		Alloc. Cm. OY Alternative: no depth restrictions Alternative		Alloc. Cm. OY Alternative: with depth restrictions Alternative		September Council OY Alternative	
		Employ.	Change from Baseline	Employ.	Change from Baseline	Employ.	Change from Baseline	Employ.	Change from Baseline	Employ.	Change from Baseline
Puget Sound	531	347	-34.7%	438	-17.4%	357	-32.8%	404	-23.8%	415	-21.7%
NW Olympic Peninsula	357	277	-22.2%	362	1.6%	292	-18.1%	299	-16.2%	325	-8.7%
Central WA Coast	1,091	970	-11.1%	1,035	-5.1%	983	-9.9%	993	-9.0%	999	-8.4%
South WA Coast	957	926	-3.2%	943	-1.5%	931	-2.7%	933	-2.5%	935	-2.3%
Astoria-Tillamook	1,959	1,600	-18.3%	1,829	-6.7%	1,601	-18.3%	1,696	-13.4%	1,721	-12.2%
Newport	1,968	1,591	-19.2%	1,821	-7.5%	1,637	-16.8%	1,670	-15.1%	1,697	-13.8%
Coos Bay	948	852	-10.1%	935	-1.4%	835	-12.0%	876	-7.7%	898	-5.3%
Brookings	400	331	-17.1%	391	-2.2%	344	-14.0%	369	-7.6%	376	-5.9%
Crescent City	773	678	-12.3%	735	-4.9%	670	-13.4%	707	-8.6%	712	-7.9%
Eureka	591	543	-8.0%	603	2.1%	505	-14.5%	561	-5.0%	577	-2.3%
Fort Bragg	650	583	-10.3%	659	1.4%	569	-12.4%	614	-5.5%	620	-4.5%
San Francisco	1,205	971	-19.4%	1,159	-3.9%	1,125	-6.6%	1,145	-5.0%	1,155	-4.2%
Monterey	1,146	247	-78.4%	1,144	-0.2%	1,093	-4.6%	1,119	-2.4%	1,129	-1.5%
San Luis Obispo	374	267	-28.6%	360	-3.7%	341	-8.7%	354	-5.2%	356	-4.6%
Santa Barbara	3,075	526	-82.9%	3,083	0.3%	3,053	-0.7%	3,071	-0.1%	3,072	-0.1%
Los Angeles	3,840	1,192	-69.0%	3,865	0.7%	3,837	-0.1%	3,848	0.2%	3,851	0.3%
San Diego	367	353	-3.7%	386	5.2%	370	0.9%	375	2.2%	377	2.9%
TOTAL	20,230	12,255	-39.4%	19,747	-2.4%	18,543	-8.3%	19,034	-5.9%	19,218	-5.0%

* Includes total income and employment impacts: wages and salaries paid to primary producers, processors and suppliers, and the additional income and employment when wages and salaries are spent (PFMC FEAM 9/02).

TABLE 4.4-1. Estimated mortality (mt) of overfished West Coast groundfish species by fishery in 2003 under the Council-preferred OY Alternative.

Fishery	Bocaccio 1/	Canary	Cowcod	Dark-blotched	Lingcod	POP	Whiting	Widow	Yelloweye
Limited Entry Groundfish									
Trawl- Non-whiting ^{2/}	1.4	12.3	UR	86.7	63.1	96.5	1,800	11.8	1.5
Trawl- at-sea whiting	NA	3.0	NA	5.0	0.3	9.0	70,300	182.0	0.0
Trawl- shoreside whiting	NA	0.4	NA	1.5	0.2	0.2	50,900	30.0	TR
Fixed Gear	0.1	0.5	0.1	TR	20.0	TR	TR	TR	1.0
Recreational Groundfish									
WA	NA	1.5	NA	NA	35.0	NA	UR	TR	3.5
OR	NA	10.0	NA	NA	105.0	NA	UR	4.0	3.7
CA (N)	NA	0.5	NA	NA	195.0	NA	UR	1.0	0.1
CA (S)	5.0	3.0	UR	NA	20.0	NA	UR	0.0	0.4
Tribal									
Midwater Trawl	NA	1.1	NA	0.0	0.9	0.0	25,000	45.0	0.0
Bottom Trawl	NA		NA	0.0		0.0	UR		
Troll	NA	0.5	NA	0.0	0.9	0.0	UR	UR	0.1
Fixed gear	NA	0.7	NA	0.0	3.4	0.0	UR	0.0	3.0
Open Access									
Groundfish directed	0.2	0.3	0.02	TR	50.0	TR	UR	TR	0.5
CA Halibut	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
CA Gillnet ^{3/}	0.5	UR	UR	UR	UR	UR	UR	UR	UR
CA Sheepshead ^{3/}	TR	UR	UR	UR	UR	UR	UR	UR	UR
CPS- wetfish ^{3/}	0.5	UR	UR	UR	UR	UR	UR	UR	UR
CPS- squid ^{4/ 5/}	TR	UR	UR	UR	UR	UR	UR	UR	UR
Dungeness crab ^{3/}	TR	NA	TR	0.0	UR	NA	NA	NA	TR
HMS ^{3/}	TR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Halibut ^{3/}	0.0	0.02	NA	0.0	UR	0.0	0.0	0.0	0.5
Pink shrimp	0.03	0.5	UR	0.02	0.5	0.0	1.0	0.1	0.1

TABLE 4.4-1. Estimated mortality (mt) of overfished West Coast groundfish species by fishery in 2003 under the Council-preferred OY Alternative.

Fishery	Bocaccio 1/	Canary	Cowcod	Dark-blotched	Lingcod	POP	Whiting	Widow	Yelloweye
Ridgeback prawn	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmon troll	0.2	1.6	UR	UR	0.3	UR	UR	0.0	0.2
Sea Cucumber	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spot Prawn (trawl)	Prohibited in 2003 or prohibited within the California Rockfish Conservation Area								
Spot Prawn (trap)	UR	UR	UR	UR	UR	UR	UR	UR	UR

Research: Based on two most recent NMFS trawl shelf and slope surveys with expanded estimates for south of Pt. Conception

	0.2	1.0	UR	1.6	3.0	3.0	200.0	1.5	0.6
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EFPs: Individual caps subject to change by Council action in November 2002. ^{6/}

CA: NS FF trawl	1.6	1.5	1.5	NA	NA	NA	NA	NA	1.5
OR: selective FF trawl	NA	4.0	NA	3.1	13.0	TR	UR	1.0	1.7
WA: AT trawl	NA	0.3	NA	1.0	2.0	1.0	UR	NA	0.0
WA: MW YT trawl	NA	1.0	NA	0.0	0.0	0.0	UR	12.0	0.0
WA: dogfish LL	NA	1.0	NA	0.0	0.2	0.0	0.0	0.0	1.0
WA: pollock	NA	0.0	NA	0.0	0.0	0.0	50.0	1.0	0.0
TOTAL	10.3	44 ^{6/}	1.7	98.9	512.8	109.7	148,251	289.4	19.5

NA- Not applicable; TR- Trace amount (<0.01 mt); UR- Not reported in available data sources.

1/ South of 40°10' N. lat.

2/ Based on the refined trawl bycatch model (Hastie 2001), except yelloweye bycatch which was extrapolated on the expected change in landings.

3/ Mortality estimates are not hard numbers, based on their GMT's best professional judgement.

4/ Bycatch amounts by species unavailable, but bocaccio occurred in 0.1% of all port samples and other rockfish in another 0.1% of all port samples (and squid fisheries usually land their whole catch). In 2001, out of 84,000 mt total landings 1 mt was groundfish. This suggests that total bocaccio was caught in trace amounts.

5/ Expected landed catch only. Discard/total mortality estimates not available.

6/ The Council capped the 2003 canary rockfish set-aside for all the EFPs in combination at 6.5 mt to derive an expected total catch of 44 mt of canary rockfish in 2003.

TABLE 4.4-2. Waypoints specified for the new Yelloweye Rockfish Conservation Area in waters off the Washington coast.

Latitude	Longitude
48°00' N. lat.	124°59' W. long.
48°00' N. lat.	125°18' W. long
48°04' N. lat.	124°59 W. long
48°04' N. lat.	125°18' W. long
48°04' N. lat.	125°11' W. long
48°04' N. lat.	125°18' W. long
48°18' N. lat.	125°11' W. long
48°18' N. lat.	125°18' W. long

REVISED TABLE 4.4-2. Waypoints specified for the new Yelloweye Rockfish Conservation Area in waters off the Washington coast. NOTE: this area closure was increased since publication of the draft EIS based on new data and recommendations from the WDFW. The Council adopted this revised area at its November 2002 meeting.

Latitude	Longitude
48°18' N. lat.	125°18' W. long.
48°18' N. lat.	124°59' W. long.
48°11' N. lat.	124°59 W. long.
48°04' N. lat.	124°59 W. long.
48°00' N. lat.	124°59 W. long.
48°00' N. lat.	125°18' W. long.
48°04' N. lat.	125°11' W. long.
48°11' N. lat.	125°11' W. long.
48°18' N. lat.	125°18' W. long.

TABLE 4.5-1. Effects of some different approaches for distributing nearshore rockfish between the recreational sector and commercial fleets. The nearshore OYs and allocation Scenario #1B corresponds to the Alloc. Cm. OY alternative.

Scenario #1: 540.8 mt OY reduced by amount of non-permit landings in 120+ ft and preferred depth range for each species; OY= 451.7; Commercial and Recreational % based upon 1994-2000 landings

	MT	Comm %	Comm MT	Rec %	Rec MT
Shallow NS Rockfishes	104.8	56.3	59.0	43.7	45.8
CA Scorpionfish	84.9	24.8	21.0	75.2	63.8
Deeper NS Rockfishes	262.0	21.3	55.8	78.7	206.2
Total	451.7	30.1	135.9	69.9	315.8

Scenario #1A: Comm. : Rec. Ratio for shallow Sp. based upon 1994-2000 landings; Deeper NS RF % adjusted for overall allotment = 20/80

	MT	Comm %	Comm MT	Rec %	Rec MT
Shallow NS Rockfishes	104.8	56.3	59.0	43.7	45.8
CA Scorpionfish	84.9	24.8	21.0	75.2	63.8
Deeper NS Rockfishes	262.0	4.0	10.5	96.0	251.5
Total	451.7	20.0	90.6	80.0	361.2

Scenario #1B: Comm.: Rec. Ratio for shallow Sp. based upon 1983-89 & 93-99 landings; Deeper NS RF % adjusted for overall allotment = 20/80

	MT	Comm %	Comm MT	Rec %	Rec MT
Shallow NS Rockfishes	104.8	37.0	38.8	63.0	66.1
CA Scorpionfish	84.9	24.8	21.0	75.2	63.8
Deeper NS Rockfishes	262.0	11.6	30.4	88.4	231.6
Total	451.7	20.0	90.2	80.0	361.5

Scenario #2: Recreational:Commercial Ratio of 1:1 Applied to Each Sector

	MT	Comm %	Comm MT	Rec %	Rec MT
Shallow NS Rockfishes	104.8	50.0	52.4	50.0	52.4
CA Scorpionfish	84.9	50.0	42.4	50.0	42.4
Deeper NS Rockfishes	262.0	50.0	131.0	50.0	131.0
Total	451.7	50.0	225.9	50.0	225.9

Scenario #3: Recreational:Commercial Ratio of 7:3 Applied to Each Sector

	MT	Comm %	Comm MT	Rec %	Rec MT
Shallow NS Rockfishes	104.8	30.0	31.5	70.0	73.4
CA Scorpionfish	84.9	30.0	25.5	70.0	59.4
Deeper NS Rockfishes	262.0	30.0	78.6	70.0	183.4
Total	451.7	30.0	135.5	70.0	316.2

Scenario #4

Recreational:Commercial Ratio of 5:1 Applied to Each Sector

	MT	Comm %	Comm MT	Rec %	Rec MT
Shallow NS Rockfishes	104.8	16.7	17.5	83.3	87.3
CA Scorpionfish	84.9	16.7	14.2	83.3	70.7
Deeper NS Rockfishes	262.0	16.7	43.8	83.3	218.2
Total	451.7	16.7	75.4	83.3	376.3

TABLE 4.5-2. Estimated 2003 recreational total fishing-related mortality for overfished shelf rockfish species taken incidentally in the nearshore fishery south of Cape Mendocino.

HIGH IMPACT SCENARIO				
Distribution of estimated 2001 landings (mt) by depth.				
Species	All Modes			
	<60ft	60-119 ft	120+ ft	Total
bocaccio	12.5	8.8	87.8	109.0
canary	4.8	6.1	22.5	33.4
<u>yelloweye</u>	<u>0.3</u>	<u>0.9</u>	<u>3.4</u>	<u>4.6</u>
Distribution of estimated 2003 catch (mt) by depth. Effort shift = 1.36.				
Species	All Modes			
	<60ft	60-119 ft	120+ ft	Total
bocaccio	17.0	11.9	0.0	28.9
canary	6.5	8.3	0.0	14.8
<u>yelloweye</u>	<u>0.4</u>	<u>1.3</u>	<u>0.0</u>	<u>1.7</u>
Distribution of estimated 2003 fishing mortality (mt) by depth. Hooking Mortality (0-59 ft) = 0.159; Hooking Mortality (60-119 ft) = 0.500.				
Species	All Modes			
	<60ft	60-119 ft	120+ ft	Total
bocaccio	2.7	6.0	0.0	8.7
canary	1.0	4.1	0.0	5.2
<u>yelloweye</u>	<u>0.1</u>	<u>0.6</u>	<u>0.0</u>	<u>0.7</u>
LOW IMPACT SCENARIO				
Distribution of estimated 2001 landings (mt) by depth				
Species	All Modes			
	<60ft	60-119 ft	120+ ft	Total
bocaccio	12.5	8.8	87.8	109.0
canary	4.8	6.1	22.5	33.4
<u>yelloweye</u>	<u>0.3</u>	<u>0.9</u>	<u>3.4</u>	<u>4.6</u>
Distribution of estimated 2003 catch (mt) by depth. Effort shift = 1.03.				
Species	All Modes			
	<60ft	60-119 ft	120+ ft	Total
bocaccio	12.9	9.0	0.0	21.9
canary	4.9	6.3	0.0	11.2
<u>yelloweye</u>	<u>0.3</u>	<u>1.0</u>	<u>0.0</u>	<u>1.3</u>
Distribution of estimated 2003 fishing mortality (mt) by depth. Hooking Mortality (0-59 ft) = 0.051; Hooking Mortality (60-119 ft) = 0.339.				
Species	All Modes			
	<60ft	60-119 ft	120+ ft	Total
bocaccio	0.7	3.1	0.0	3.7
canary	0.2	2.1	0.0	2.4
<u>yelloweye</u>	<u>0.0</u>	<u>0.3</u>	<u>0.0</u>	<u>0.3</u>

TABLE 4.5-3. Total catch OY and apportionment of nearshore rockfish between recreational and commercial sectors for 2003 under the *Council-preferred OY Alternative*.

Species Group	Total Catch OY (mt)	Comm. %	Comm. HG (mt)	Rec. %	Rec. HG (mt)
Shallow NS Rockfishes	104.8	37.0	38.8	63.0	66.0
CA Scorpionfish	84.9	24.8	21.0	75.2	63.9
Deeper NS Rockfishes	351.1	13.7	48.0	86.3	303.1
Total	540.8	20.0	107.8	80.0	433.0

Table 4.5-4. Total estimated fishing-related mortality (mt) by wave of nearshore groundfish species groups in 2003 recreational fisheries under Council OY.

Low Effort Shift (+14.7%)				
Wave	Shallow Nearshore RF	Deeper Nearshore RF	Scorpionfish	Total Catch
Jan-Feb	10.8	43.2	21.1	75.2
Mar-Apr	20.7	50.7	18.1	89.5
May-Jun	40.6	90.8	12.7	144.2
Jul-Aug	44.4	124.4	9.4	178.1
Sep-Oct	52.4	114.5	25.2	192.1
Nov-Dec	17.5	61.5	28.2	107.3
Total	186.5	485.1	114.7	786.4

Medium Effort Shift (+27.7%)				
	Shallow Nearshore RF	Deeper Nearshore RF	Scorpionfish	Total Catch
Jan-Feb	12.1	48.1	23.5	83.7
Mar-Apr	23.0	56.5	20.1	99.6
May-Jun	45.3	101.1	14.2	160.6
Jul-Aug	49.4	138.4	10.4	198.3
Sep-Oct	58.3	127.5	28.0	213.9
Nov-Dec	19.5	68.5	31.4	119.4
Total	207.6	540.1	127.7	875.5

High Effort Shift (+48.7%)				
	Shallow Nearshore RF	Deeper Nearshore RF	Scorpionfish	Total Catch
Jan-Feb	14.1	56.0	27.4	97.5
Mar-Apr	26.8	65.8	23.4	116.0
May-Jun	52.7	117.8	16.5	187.0
Jul-Aug	57.6	161.2	12.1	230.9
Sep-Oct	67.9	148.5	32.6	249.0
Nov-Dec	22.7	79.7	36.6	139.1
Total	241.8	629.0	148.7	1019.5

TABLE 4.5-5. Landings (mt) of nearshore groundfish species off Oregon by select marine species groups and year.

Black and Blue Rockfish				Other Nearshore Rockfish				Cabezon				Greenling			
Year	Comm.	Rec.	Total	Comm.	Rec.	Total	Comm.	Rec.	Total	Comm.	Rec.	Total	Comm.	Rec.	Total
1995	110.2	410.1	520.3	10.4	6.4	16.8	5.9	14.1	20.0	0.0	4.1	4.1			
1996	147.0	430.9	577.9	9.1	7.7	16.8	5.9	14.1	20.0	0.5	3.6	4.1			
1997	181.4	445.9	627.3	24.5	13.6	38.1	20.9	24.5	45.4	10.4	5.4	15.9			
1998	197.8	403.2	601.0	52.6	13.6	66.2	26.8	15.0	41.7	10.0	3.6	13.6			
1999	129.3	356.1	485.3	35.4	18.6	54.0	26.3	17.2	43.5	24.5	5.9	30.4			
2000 ^{1/}	112.9	384.2	497.1	21.3	11.3	32.7	31.3	15.9	47.2	19.5	5.0	24.5			
2001	152.0	376.0	528.0	26.3	9.1	35.4	46.3	12.2	58.5	29.0	4.1	33.1			

1/ Proposal for 2003 Oregon nearshore management is to cap commercial and recreational harvest at the 2000 level as indicated by the levels outlined. The commercial nearshore rockfish OY would be 134.3 mt and the recreational OY would be 395.5 mt for a total of 529.8 mt.

TABLE 4.5-6. Landings (mt) of nearshore groundfish species off California north of Cape Mendocino by select marine species groups and year and harvest guidelines under the *Council-preferred OY Alternative*.

Black and Blue Rockfish				Other Nearshore Rockfish			
Year	Comm.	Rec.	Total	Comm.	Rec.	Total	
1994	141.5	102.8	244.4	6.5	12.3	18.8	
1995	165.6	93.3	258.9	23.6	6.0	29.6	
1996	115.9	71.2	187.1	18.5	6.9	25.4	
1997	138.5	47.7	186.2	28.3	6.1	34.4	
1998	81.3	59.8	141.1	15.0	4.0	19.0	
1999	59.7	67.1	126.8	28.7	9.6	38.3	
1994-99 mean	117.1	73.7	190.8	20.1	7.5	27.6	
1994-99 mean * 0.5	58.5	36.8	95.4	10.1	3.7	13.8	
2000	38.6	49.7	88.3	12.4	7.1	19.5	
2001 ^{1/}	104.7	141.4	246.1	22.2	5.6	27.8	

1/ The 2001 commercial estimates are preliminary. It is estimated that these data represent 70-80% of the total.