

Preliminary Economic Analysis of the 2009-10 Groundfish Spex Management Alternatives

This packet contains tables and graphs illustrating economic impacts of the management alternatives for commercial fisheries and recreational fisheries on coastal communities.

Commercial Fisheries Impacts:

Alternatives illustrated in Tables Com 1 and Com 2 and Figures Com 1, Com 2 and Com 3 show income impacts attributed to the following elements:

2007: Landings and deliveries recorded in 2007.

No Action: Projected landings and deliveries by commercial fisheries sectors in 2008.

Op1_09aCP: Estimated LE Trawl 2009 council preliminary preferred option + any LE fixed gear alternative (excluding nearshore OA) + 298,000 mt whiting catch.

Op1_09b: LE Trawl 2009 option 1 + any LE fixed gear alternative (excluding nearshore OA) + 280,000 mt whiting catch.

Op1_10CP: LE Trawl 2010 option 1 + any LE fixed gear alternative (excluding nearshore OA) + 298,000 mt whiting catch.

Op2: LE Trawl 2009 option 2 + any LE fixed gear alternative (excluding nearshore OA) + 228,000 mt whiting catch.

Op3: LE Trawl 2009 option 3 + any LE fixed gear alternative (excluding nearshore OA) + 190,000 mt whiting catch.

Op4: LE Trawl 2009 option 4 + any LE fixed gear alternative (excluding nearshore OA) + 329,000 mt whiting catch.

Op5a: LE Trawl 2009 option 5a + any LE fixed gear alternative (excluding nearshore OA) + 228,000 mt whiting catch.

Op5b: LE Trawl 2009 option 5b + any LE fixed gear alternative (excluding nearshore OA) + 329,000 mt whiting catch.

Table Com 1: Estimated income impacts (\$ million) associated with commercial fishing activities in port areas under the management alternatives. Totals include contributions from the following sectors: at sea whiting CPs, at sea whiting motherships, shoreside whiting trawl, shoreside nonwhiting trawl, LE fixed gear, OA fixed gear (except nearshore fisheries), and treaty groundfish sectors.

Table Com 2: Change in commercial fishing income impacts (\$ million) under the management alternatives compared with No Action. Totals include contributions from at sea whiting CPs, at sea whiting motherships, shoreside whiting trawl, shoreside nonwhiting trawl, LE fixed gear, OA fixed gear (except nearshore fisheries), and treaty groundfish sectors.

Figure Com 1: Estimated income impacts (\$ million) associated with commercial fishing activities under the management alternatives by sector [treaty groundfish fisheries, at sea whiting motherships, at sea whiting CPs, OA fixed gear (except nearshore fisheries), LE fixed gear, shoreside nonwhiting trawl, and shoreside whiting trawl].

Figure Com 2: Estimated income impacts (\$ million) associated with the nearshore OA commercial fishery alternatives (see p. 152 in F.4.a Supplemental Attachment 2, June 2008 for a list of these alternatives).

Figure Com 3: Estimated income impacts (\$ million) associated with commercial fishing activities under the management alternatives arrayed by port area. Sectors include treaty groundfish, at sea whiting motherships, at sea whiting CPs, OA fixed gear (except nearshore fisheries), LE fixed gear, shoreside nonwhiting trawl, and shoreside whiting trawl.

Recreational Fisheries Impacts:

The following tables illustrate recreational fisheries impacts under each state's of management options. Note: "WA OP 0", "OR OP 1" and "CA OP 0" depict estimated impacts under zero mortality scenarios for yelloweye rockfish.

Table Rec 1 (four pages): Estimated number of boat-based, marine **angler trips** by boat category, trip target, and region under the each state's management options and in 2005-2007. Page one shows results for Washington, page two for Oregon, and pages three and four show California.

Table Rec 2 (four pages): Estimated **income impacts** (million \$) resulting from expenditures made for boat-based, marine angler trips by boat category, trip target, and region under each state's management options and in 2005-2007. Page one shows results for Washington, page two for Oregon, and pages three and four depict California.

Table Rec 3 (four pages): Estimated change in **income impacts** with respect to No Action / Status Quo (SQ) (million \$) resulting from expenditures made for boat-based, marine angler trips by boat category, trip target, and region under each state's management options. Page one shows results for Washington, page two for Oregon, and pages three and four depict California.

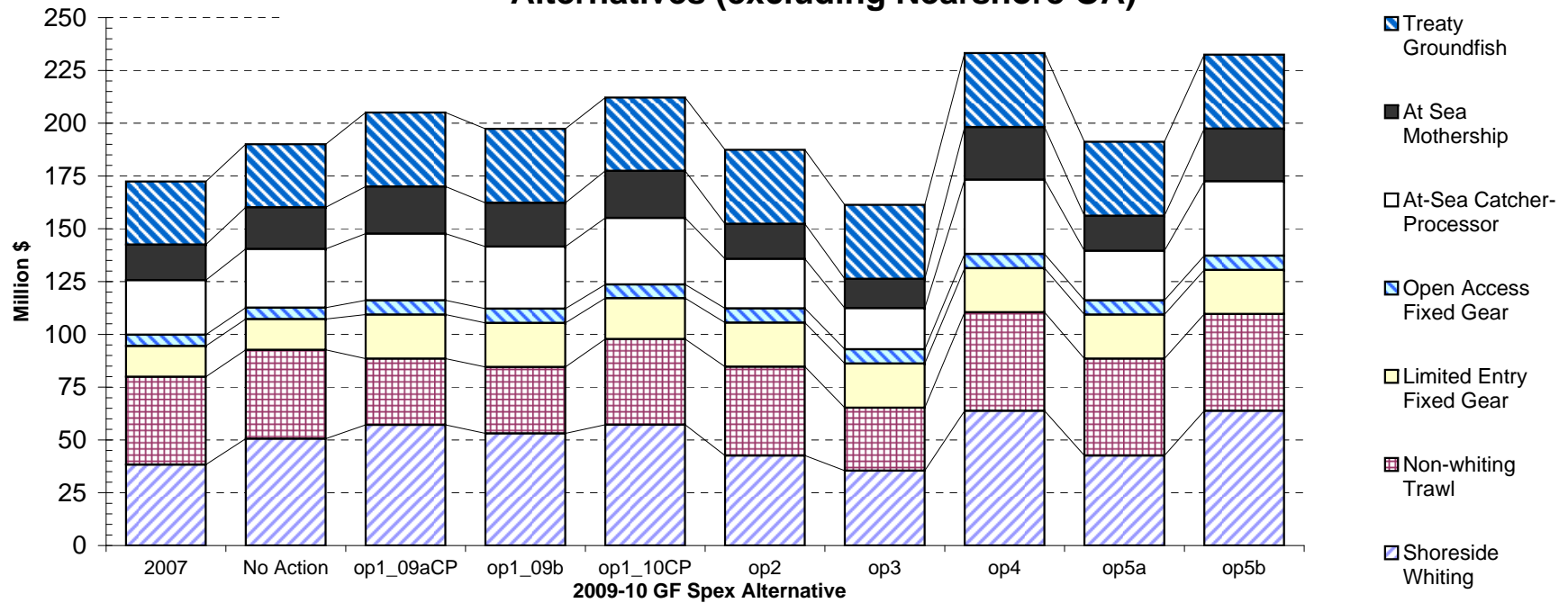
Estimated Income Impacts for Groundfish Sectors from all Groundfish Species by Port Area Under the 2009-10 GF Spex Alternatives (Million \$)

Groundfish Sector	Port Area	LE Trawl non-whiting, LE Trawl whiting, LE Fixed Gear, Open Access (except nearshore) and Treaty Sectors Alternatives									
		2007	No Action	op1_09aCP	op1_09b	op1_10CP	op2	op3	op4	op5a	op5b
Whiting C-P		25.83	27.87	31.56	29.35	31.56	23.45	19.54	35.22	23.45	35.22
CV-Mothership		16.87	19.69	22.29	20.73	22.29	16.57	13.81	24.88	16.57	24.88
Shoreside Whiting	South and Central Washington Coast	17.15	22.67	25.61	23.83	25.62	19.07	15.90	28.59	19.09	28.59
	Astoria	9.24	12.19	13.75	12.80	13.77	10.27	8.55	15.36	10.28	15.36
	Newport	9.26	12.23	13.79	12.83	13.83	10.31	8.55	15.44	10.32	15.43
	Coos Bay	1.10	1.46	1.65	1.53	1.65	1.23	1.02	1.84	1.23	1.84
	Crescent City	0.43	0.57	0.65	0.60	0.65	0.48	0.40	0.72	0.48	0.72
	Eureka	1.13	1.49	1.68	1.56	1.68	1.26	1.04	1.88	1.26	1.88
	Morro Bay	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Non-whiting Trawl	Northern Puget Sound	1.67	1.62	1.39	1.39	1.53	1.79	0.99	1.93	1.93	1.93
	North Washington Coast	0.20	0.20	0.19	0.19	0.20	0.04	0.03	0.20	0.20	0.20
	South and Central Washington Coast	0.90	0.90	0.81	0.82	0.82	0.72	0.57	0.95	0.94	0.94
	Astoria	11.02	11.13	8.75	8.76	10.34	10.66	6.51	12.42	12.28	12.28
	Tillamook	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02
	Newport	4.06	4.20	2.86	2.87	4.00	4.37	2.56	4.66	4.58	4.58
	Coos Bay	6.90	6.76	4.99	4.99	6.65	7.31	4.22	7.76	7.68	7.68
	Brookings	1.82	1.76	1.22	1.22	1.72	1.84	1.04	2.06	1.99	1.99
	Crescent City	1.43	1.41	1.05	1.05	1.36	1.38	0.88	1.61	1.55	1.55
	Eureka	6.28	6.19	4.60	4.60	6.04	6.52	4.08	6.92	6.78	6.78
	Fort Bragg	3.58	3.93	2.51	2.51	3.95	3.68	4.79	4.02	3.90	3.90
	Bodega Bay	0.08	0.08	0.07	0.07	0.08	0.07	0.07	0.09	0.09	0.09
	San Francisco	2.63	2.75	2.11	2.11	2.76	2.65	2.84	2.83	2.78	2.78
	Monterey	0.98	1.06	0.77	0.77	1.05	0.95	1.15	1.07	1.06	1.06
	Morro Bay	0.07	0.09	0.05	0.05	0.07	0.06	0.10	0.07	0.07	0.07
Limited Entry Fixed Gear	Northern Puget Sound	2.66	2.66	3.40	3.40	3.15	3.40	3.40	3.40	3.40	3.40
	Southern Puget Sound	0.08	0.08	0.11	0.11	0.10	0.11	0.11	0.11	0.11	0.11
	North Washington Coast	1.07	1.07	1.40	1.40	1.29	1.40	1.40	1.40	1.40	1.40
	South and Central Washington Coast	1.09	1.09	1.43	1.43	1.31	1.43	1.43	1.43	1.43	1.43
	Astoria	0.70	0.70	0.92	0.92	0.84	0.92	0.92	0.92	0.92	0.92
	Tillamook	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Newport	2.07	2.07	2.74	2.74	2.51	2.74	2.74	2.74	2.74	2.74
	Coos Bay	1.29	1.29	1.70	1.70	1.56	1.70	1.70	1.70	1.70	1.70
	Brookings	0.83	0.83	1.06	1.06	0.98	1.06	1.06	1.06	1.06	1.06
	Crescent City	0.32	0.32	0.40	0.40	0.37	0.40	0.40	0.40	0.40	0.40
	Eureka	0.57	0.57	0.76	0.76	0.69	0.76	0.76	0.76	0.76	0.76
	Fort Bragg	0.60	0.60	0.79	0.79	0.72	0.79	0.79	0.79	0.79	0.79
	Bodega Bay	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	San Francisco	0.24	0.24	0.31	0.31	0.28	0.31	0.31	0.31	0.31	0.31
	Monterey	0.79	0.79	0.96	0.96	0.90	0.96	0.96	0.96	0.96	0.96
	Morro Bay	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
	Santa Barbara	0.40	0.40	0.63	0.63	0.60	0.63	0.63	0.63	0.63	0.63
	Los Angeles	1.24	1.24	2.87	2.87	2.72	2.87	2.87	2.87	2.87	2.87
	San Diego	0.51	0.51	1.31	1.31	1.23	1.31	1.31	1.31	1.31	1.31
Open Access Fixed Gear	Northern Puget Sound	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
	Southern Puget Sound	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	North Washington Coast	0.18	0.18	0.23	0.23	0.22	0.23	0.23	0.23	0.23	0.23
	South and Central Washington Coast	0.22	0.22	0.28	0.28	0.26	0.28	0.28	0.28	0.28	0.28
	Astoria	0.10	0.10	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13
	Tillamook	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
	Newport	0.06	0.06	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
	Coos Bay	0.21	0.21	0.28	0.28	0.25	0.28	0.28	0.28	0.28	0.28
	Brookings	0.58	0.58	0.68	0.68	0.64	0.68	0.68	0.68	0.68	0.68
	Crescent City	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
	Eureka	0.19	0.19	0.25	0.25	0.23	0.25	0.25	0.25	0.25	0.25
	Fort Bragg	0.62	0.62	0.77	0.77	0.71	0.77	0.77	0.77	0.77	0.77
	Bodega Bay	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
	San Francisco	0.34	0.34	0.37	0.37	0.36	0.37	0.37	0.37	0.37	0.37
	Monterey	0.45	0.45	0.53	0.53	0.50	0.53	0.53	0.53	0.53	0.53
	Morro Bay	1.50	1.50	1.63	1.63	1.59	1.63	1.63	1.63	1.63	1.63
	Santa Barbara	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
	Los Angeles	0.16	0.16	0.51	0.51	0.48	0.51	0.51	0.51	0.51	0.51
	San Diego	0.10	0.10	0.33	0.33	0.31	0.33	0.33	0.33	0.33	0.33
Shoreside Treaty Groundfish	Northern Puget Sound	0.02	0.02	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	North Washington Coast	3.80	3.80	6.39	6.39	6.12	6.39	6.39	6.39	6.39	6.39
	South and Central Washington Coast	20.21	20.21	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24
	Unidentified Washington	0.71	0.71	0.95	0.95	0.87	0.95	0.95	0.95	0.95	0.95
At-sea Treaty whiting		5.10	5.10	5.46	5.46	5.46	5.46	5.46	5.46	5.46	5.46
	TOTAL	172.40	190.03	205.08	197.37	212.18	187.41	161.36	233.26	191.23	232.48

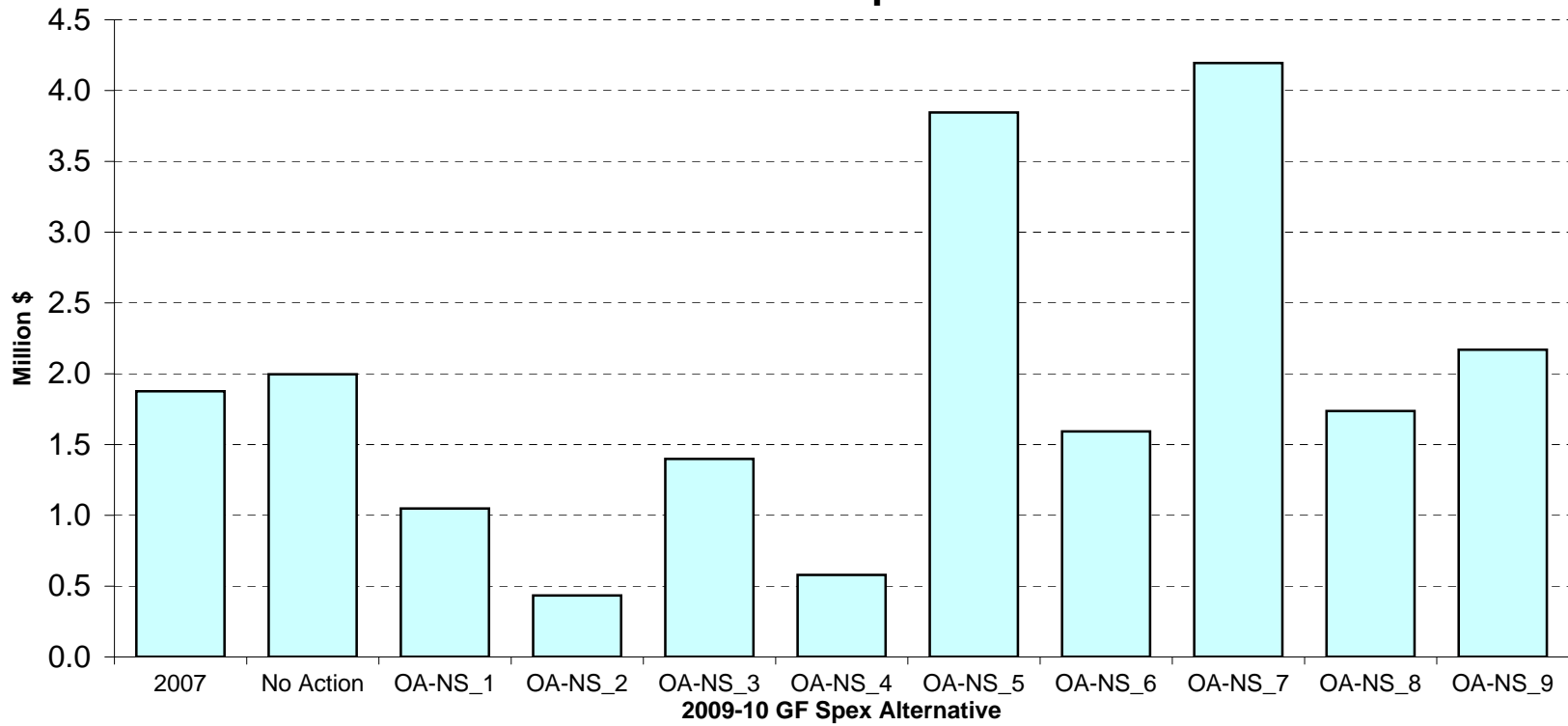
**Estimated Income Impacts for Groundfish Sectors from all Groundfish Species by Port Area Under the 2009-10 GF
Spex Alternatives: change from No Action (Million \$)**

Groundfish Sector	Port Area	LE Trawl non-whiting, LE Trawl whiting, LE Fixed Gear, Open Access (except nearshore) and Treaty Sectors Alternatives									
		2007	No Action	op1_09aCP	op1_09b	op1_10CP	op2	op3	op4	op5a	op5b
Whiting C-P			27.87	+3.68	+1.48	+3.68	-4.42	-8.33	+7.34	-4.42	+7.34
CV-Mothership			19.69	+2.60	+1.04	+2.60	-3.12	-5.88	+5.19	-3.12	+5.19
Shoreside Whiting	South and Central Washington Coast		22.67	+2.95	+1.16	+2.95	-3.60	-6.77	+5.93	-3.58	+5.93
	Astoria		12.19	+1.56	+0.60	+1.58	-1.92	-3.64	+3.17	-1.91	+3.17
	Newport		12.23	+1.56	+0.60	+1.59	-1.92	-3.68	+3.20	-1.92	+3.20
	Coos Bay		1.46	+0.19	+0.08	+0.19	-0.23	-0.44	+0.38	-0.23	+0.38
	Crescent City		0.57	+0.07	+0.03	+0.07	-0.09	-0.17	+0.15	-0.09	+0.15
	Eureka		1.49	+0.19	+0.07	+0.19	-0.23	-0.45	+0.39	-0.23	+0.39
	Morro Bay		0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
Non-whiting Trawl	Northern Puget Sound		1.62	-0.23	-0.23	-0.09	+0.17	-0.64	+0.31	+0.31	+0.31
	North Washington Coast		0.20	-0.01	-0.01	-0.00	-0.16	-0.17	+0.00	+0.00	+0.00
	South and Central Washington Coast		0.90	-0.09	-0.09	-0.08	-0.18	-0.33	+0.05	+0.04	+0.04
	Astoria		11.13	-2.38	-2.37	-0.79	-0.48	-4.62	+1.29	+1.15	+1.15
	Tillamook		0.02	-0.00	-0.00	-0.00	-0.01	-0.01	+0.00	+0.00	+0.00
	Newport		4.20	-1.33	-1.33	-0.19	+0.18	-1.64	+0.46	+0.39	+0.39
	Coos Bay		6.76	-1.77	-1.77	-0.11	+0.55	-2.54	+1.00	+0.92	+0.92
	Brookings		1.76	-0.54	-0.54	-0.04	+0.08	-0.72	+0.29	+0.23	+0.23
	Crescent City		1.41	-0.35	-0.35	-0.04	-0.02	-0.53	+0.20	+0.14	+0.14
	Eureka		6.19	-1.59	-1.59	-0.16	+0.33	-2.11	+0.73	+0.59	+0.59
	Fort Bragg		3.93	-1.42	-1.42	+0.02	-0.25	+0.87	+0.10	-0.03	-0.03
	Bodega Bay		0.08	-0.01	-0.01	+0.00	-0.01	-0.01	+0.00	+0.00	+0.00
	San Francisco		2.75	-0.64	-0.64	+0.01	-0.10	+0.10	+0.09	+0.03	+0.03
	Monterey		1.06	-0.30	-0.30	-0.01	-0.11	+0.09	+0.01	-0.01	-0.01
	Morro Bay		0.09	-0.04	-0.04	-0.02	-0.03	+0.01	-0.02	-0.02	-0.02
Limited Entry Fixed Gear	Northern Puget Sound		2.66	+0.75	+0.75	+0.49	+0.75	+0.75	+0.75	+0.75	+0.75
	Southern Puget Sound		0.08	+0.03	+0.03	+0.02	+0.03	+0.03	+0.03	+0.03	+0.03
	North Washington Coast		1.07	+0.33	+0.33	+0.22	+0.33	+0.33	+0.33	+0.33	+0.33
	South and Central Washington Coast		1.09	+0.34	+0.34	+0.23	+0.34	+0.34	+0.34	+0.34	+0.34
	Astoria		0.70	+0.22	+0.22	+0.15	+0.22	+0.22	+0.22	+0.22	+0.22
	Tillamook		0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
	Newport		2.07	+0.67	+0.67	+0.44	+0.67	+0.67	+0.67	+0.67	+0.67
	Coos Bay		1.29	+0.41	+0.41	+0.27	+0.41	+0.41	+0.41	+0.41	+0.41
	Brookings		0.83	+0.23	+0.23	+0.15	+0.23	+0.23	+0.23	+0.23	+0.23
	Crescent City		0.32	+0.08	+0.08	+0.05	+0.08	+0.08	+0.08	+0.08	+0.08
	Eureka		0.57	+0.18	+0.18	+0.12	+0.18	+0.18	+0.18	+0.18	+0.18
	Fort Bragg		0.60	+0.18	+0.18	+0.12	+0.18	+0.18	+0.18	+0.18	+0.18
	Bodega Bay		0.03	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
	San Francisco		0.24	+0.07	+0.07	+0.05	+0.07	+0.07	+0.07	+0.07	+0.07
	Monterey		0.79	+0.18	+0.18	+0.12	+0.18	+0.18	+0.18	+0.18	+0.18
	Morro Bay		0.06	+0.01	+0.01	+0.01	+0.01	+0.01	+0.01	+0.01	+0.01
	Santa Barbara		0.40	+0.23	+0.23	+0.21	+0.23	+0.23	+0.23	+0.23	+0.23
	Los Angeles		1.24	+1.64	+1.64	+1.48	+1.64	+1.64	+1.64	+1.64	+1.64
	San Diego		0.51	+0.80	+0.80	+0.72	+0.80	+0.80	+0.80	+0.80	+0.80
Open Access Fixed Gear	Northern Puget Sound		0.01	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
	Southern Puget Sound		0.01	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
	North Washington Coast		0.18	+0.06	+0.06	+0.04	+0.06	+0.06	+0.06	+0.06	+0.06
	South and Central Washington Coast		0.22	+0.07	+0.07	+0.05	+0.07	+0.07	+0.07	+0.07	+0.07
	Astoria		0.10	+0.03	+0.03	+0.02	+0.03	+0.03	+0.03	+0.03	+0.03
	Tillamook		0.02	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
	Newport		0.06	+0.02	+0.02	+0.01	+0.02	+0.02	+0.02	+0.02	+0.02
	Coos Bay		0.21	+0.07	+0.07	+0.04	+0.07	+0.07	+0.07	+0.07	+0.07
	Brookings		0.58	+0.10	+0.10	+0.07	+0.10	+0.10	+0.10	+0.10	+0.10
	Crescent City		0.25	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
	Eureka		0.19	+0.06	+0.06	+0.04	+0.06	+0.06	+0.06	+0.06	+0.06
	Fort Bragg		0.62	+0.15	+0.15	+0.10	+0.15	+0.15	+0.15	+0.15	+0.15
	Bodega Bay		0.05	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00	+0.00
	San Francisco		0.34	+0.03	+0.03	+0.02	+0.03	+0.03	+0.03	+0.03	+0.03
	Monterey		0.45	+0.08	+0.08	+0.05	+0.08	+0.08	+0.08	+0.08	+0.08
	Morro Bay		1.50	+0.13	+0.13	+0.09	+0.13	+0.13	+0.13	+0.13	+0.13
	Santa Barbara		0.35	+0.01	+0.01	+0.01	+0.01	+0.01	+0.01	+0.01	+0.01
	Los Angeles		0.16	+0.35	+0.35	+0.31	+0.35	+0.35	+0.35	+0.35	+0.35
	San Diego		0.10	+0.23	+0.23	+0.21	+0.23	+0.23	+0.23	+0.23	+0.23
Shoreside Treaty Groundfis	Northern Puget Sound		0.02	+0.02	+0.02	+0.02	+0.02	+0.02	+0.02	+0.02	+0.02
	North Washington Coast		3.80	+2.59	+2.59	+2.32	+2.59	+2.59	+2.59	+2.59	+2.59
	South and Central Washington Coast		20.21	+2.02	+2.02	+2.02	+2.02	+2.02	+2.02	+2.02	+2.02
	Unidentified Washington		0.71	+0.24	+0.24	+0.16	+0.24	+0.24	+0.24	+0.24	+0.24
At-sea Treaty whiting			5.10	+0.35	+0.35	+0.35	+0.35	+0.35	+0.35	+0.35	+0.35
TOTAL			190.03	+15.05	+7.33	+22.15	-2.63	-28.68	+43.22	+1.19	+42.44

Income Impacts by Groundfish Sector Under the 2009-10 GF Spex Alternatives (excluding Nearshore OA)



Income Impacts by Nearshore OA Sectors Under the 2009-10 GF Spex Alternatives



Combined GF Sectors Income Impacts by Port Area Under the 2009-10 GF Spex Alternatives (including Treaty Groundfish, excluding Nearshore OA)

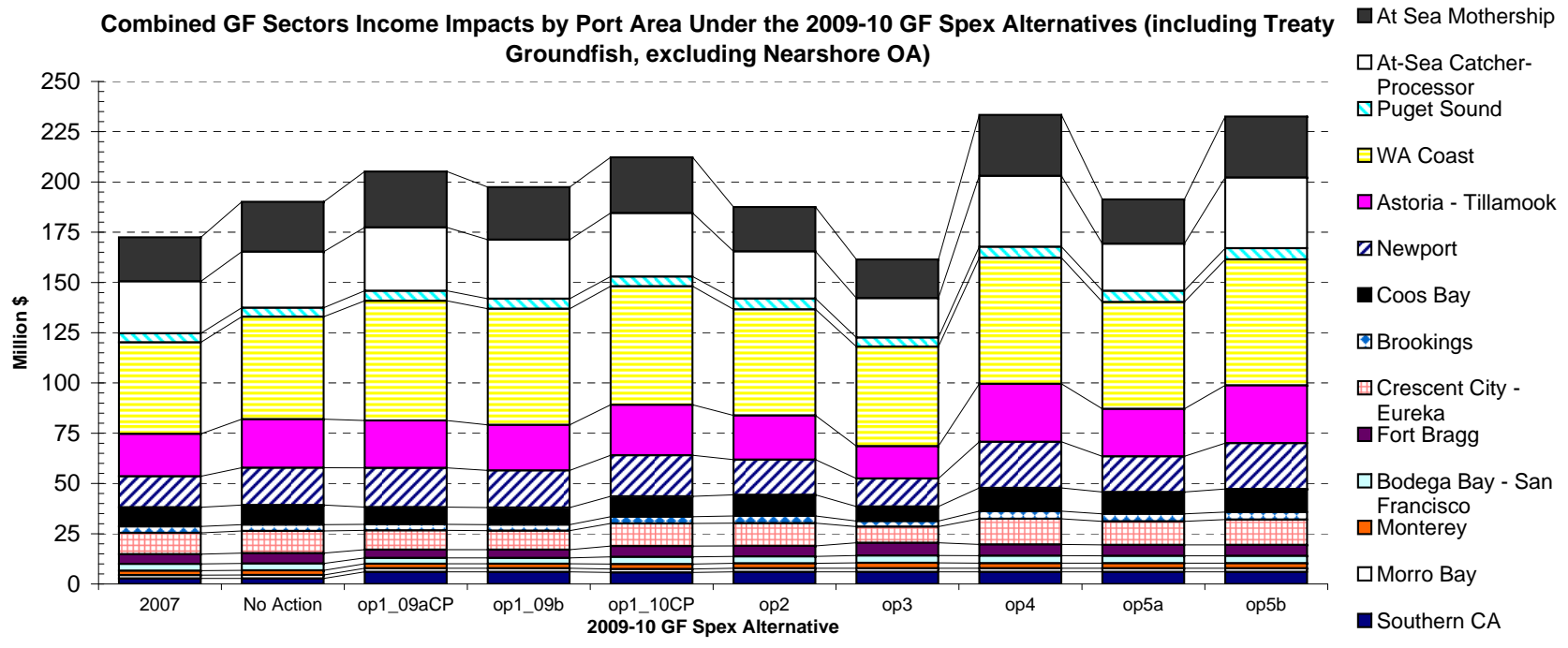


Table Rec 1 (p. 1 of 4)

Table 7-xx. Estimated West Coast recreational ocean angler effort by state, region, boat type and species target in 2005, 2006, 2007 and projected under each state's management options (angler trips) (page 1 of 4).

State	Region	Boat Type / Trip Target	2005	2006	2007	SQ				
						(2008)	WA OP 0	WA OP 1	WA OP 2	WA OP 3
WASHINGTON										
North Washington Coast										
Charter										
		Halibut	1,067	763	895	895	0	895	895	895
		Salmon	1,688	1,000	839	1,464	0	1,464	1,464	1,464
		Bottomfish	566	384	589	939	0	939	852	852
		Salm/Hibt	2	0	21	8	0	6	6	8
		Tuna	36	44	63	40	40	40	40	40
		TOTAL	3,359	2,191	2,507	3,343	40	3,343	3,256	3,256
Private										
		Halibut	4,156	4,378	4,200	4,200	0	4,200	4,200	4,200
		Salmon	10,821	8,616	8,838	10,420	0	10,420	10,420	10,420
		Bottomfish	4,520	3,875	4,288	4,288	0	4,288	3,583	3,583
		Salm/Hibt	0	0	139	38	0	38	38	38
		Tuna	68	102	305	129	129	129	129	129
		TOTAL	19,565	17,072	17,578	19,084	129	19,084	18,369	18,369
South & Central WA Coast										
Charter										
		Halibut	3,435	2,750	2,700	2,700	0	2,700	2,700	2,700
		Salmon	29,970	23,930	26,544	28,742	0	28,742	28,742	28,742
		Bottomfish	13,114	16,231	14,448	14,448	0	14,448	14,448	14,448
		Salm/Hibt	67	0	0	33	0	33	33	33
		Tuna	1,002	1,781	1,663	1,407	1,407	1,407	1,407	1,407
		TOTAL	47,588	44,672	45,355	47,330	1,407	47,330	47,330	47,330
Private										
		Halibut	387	485	259	259	0	259	259	259
		Salmon	58,009	38,044	45,066	55,272	0	55,272	55,272	55,272
		Bottomfish	2,207	2,137	2,300	2,300	0	2,300	2,300	2,300
		Salm/Hibt	4	22	58	29	0	29	29	29
		Tuna	409	739	1,561	739	739	739	739	739
		TOTAL	61,016	41,427	49,242	58,598	739	58,598	58,598	58,598
WASHINGTON TOTALS										
		Charter	50,947	46,883	47,882	50,873	1,447	50,873	50,586	50,586
		Private	80,581	58,489	66,820	77,682	867	77,682	78,967	78,967
		TOTAL	131,528	105,382	114,682	128,355	2,314	128,355	127,553	127,553

Table Rec 1 (p. 2 of 4)

Table 7-xx. Estimated West Coast recreational ocean angler effort by state, region, boat type and species target in 2005, 2006, 2007 and projected under each state's management options (angler trips) (page 2 of 4).

State	Region	Boat Type / Trip Target	2005	2006	2007	SQ (2008)	OR OP 1	OR OP 2	OR OP 3	OR OP 3a	OR OP 4	OR OP 5	OR OP 5a	OR OP 6
OREGON														
Astoria-Tillamook														
Charter														
		Halibut	1,502	1,417	1,544	1,439	0	1,322	1,322	661	1,322	1,322	661	1,322
		Salmon	2,800	2,441	3,213	715	0	3,324	3,324	3,324	3,324	3,324	3,324	3,324
		Bottomfish	5,139	5,116	4,411	4,835	0	4,220	5,260	5,260	5,260	5,260	5,260	5,260
		Combo	494	176	507	461	0	461	461	461	461	461	461	461
		Tuna	157	146	431	214	214	214	214	214	214	214	214	214
		Other	168	123	58	9	0	9	9	9	9	9	9	9
		TOTAL	10,260	9,419	10,164	7,674	214	9,550	10,590	9,929	10,590	10,590	9,929	10,590
Private														
		Halibut	1,867	2,308	1,666	1,958	0	1,798	1,798	899	1,798	1,798	899	1,798
		Salmon	19,793	19,689	26,379	5,640	0	26,216	26,216	26,216	26,216	26,216	26,216	26,216
		Bottomfish	6,169	5,672	4,235	4,645	0	4,054	5,054	5,054	5,054	5,054	5,054	5,054
		Combo	2,302	1,722	3,328	2,653	0	2,653	2,653	2,653	2,653	2,653	2,653	2,653
		Tuna	357	910	1,845	852	852	852	852	852	852	852	852	852
		Other	1,334	1,025	834	100	0	100	100	100	100	100	100	100
		TOTAL	31,822	31,306	38,287	15,847	852	35,673	36,672	35,773	36,672	36,672	35,773	36,672
Newport														
Charter														
		Halibut	2,473	2,934	2,591	2,723	0	2,501	2,501	1,250	2,501	2,501	1,250	2,501
		Salmon	3,109	2,459	4,378	1,067	0	4,958	4,958	4,958	4,958	4,958	4,958	4,958
		Bottomfish	22,333	22,272	21,999	21,133	0	18,443	22,990	22,990	22,990	22,990	22,990	22,990
		Combo	684	531	1,118	866	0	866	866	866	866	866	866	866
		Tuna	782	740	2,148	1,139	1,139	1,139	1,139	1,139	1,139	1,139	1,139	1,139
		Other	3	33	12	2	0	2	2	2	2	2	2	2
		TOTAL	29,344	28,969	32,248	26,930	1,139	27,909	32,456	31,205	32,456	32,456	31,205	32,456
Private														
		Halibut	8,110	8,535	9,826	8,653	0	7,946	7,946	3,973	7,946	7,946	3,973	7,946
		Salmon	6,519	5,875	11,190	2,563	0	11,916	11,916	11,916	11,916	11,916	11,916	11,916
		Bottomfish	7,157	6,832	4,760	5,736	0	5,006	6,240	6,240	6,240	6,240	6,240	6,240
		Combo	3,137	1,531	3,939	3,086	0	3,086	3,086	3,086	3,086	3,086	3,086	3,086
		Tuna	994	1,031	4,074	1,793	1,793	1,793	1,793	1,793	1,793	1,793	1,793	1,793
		Other	1,519	1,471	1,624	128	0	128	128	128	128	128	128	128
		TOTAL	27,436	25,275	35,413	21,959	1,793	29,875	31,109	27,136	31,109	31,109	27,136	31,109
Coos Bay														
Charter														
		Halibut	509	610	657	663	0	608	608	304	608	608	304	608
		Salmon	2,427	1,970	1,948	536	0	2,489	2,489	2,489	2,489	2,489	2,489	2,489
		Bottomfish	4,172	4,544	4,694	4,432	0	3,868	4,822	4,822	4,822	4,822	4,822	4,822
		Combo	131	37	7	91	0	91	91	91	91	91	91	91
		Tuna	91	93	305	189	189	189	189	189	189	189	189	189
		Other	18	26	15	2	0	2	2	2	2	2	2	2
		TOTAL	7,348	7,280	7,624	5,913	189	7,249	8,202	7,898	8,202	8,202	7,898	8,202
Private														
		Halibut	1,421	1,086	1,696	1,444	0	1,326	1,326	683	1,326	1,326	683	1,326
		Salmon	20,033	14,989	19,448	4,807	0	22,347	22,347	22,347	22,347	22,347	22,347	22,347
		Bottomfish	5,355	6,507	6,555	5,393	0	4,707	5,867	5,867	5,867	5,867	5,867	5,867
		Combo	2,016	1,175	1,546	1,591	0	1,591	1,591	1,591	1,591	1,591	1,591	1,591
		Tuna	33	233	2,244	801	801	801	801	801	801	801	801	801
		Other	3,398	2,333	1,405	222	0	222	222	222	222	222	222	222
		TOTAL	32,256	26,323	32,864	14,258	801	30,994	32,154	31,491	32,154	32,154	31,491	32,154
Brookings														
Charter														
		Halibut	23	23	0	27	0	25	25	13	25	25	13	25
		Salmon	248	189	184	64	0	298	298	298	298	298	298	298
		Bottomfish	4,598	3,909	4,507	4,300	0	3,753	4,678	4,678	4,678	4,678	4,678	4,678
		Combo	33	75	3	52	0	52	52	52	52	52	52	52
		Tuna	12	0	88	53	53	53	53	53	53	53	53	53
		Other	69	56	5	4	0	4	4	4	4	4	4	4
		TOTAL	4,981	4,252	4,787	4,501	53	4,185	5,110	5,098	5,110	5,110	5,098	5,110
Private														
		Halibut	71	81	0	78	0	70	70	35	70	70	35	70
		Salmon	9,972	8,216	9,585	2,308	0	10,731	10,731	10,731	10,731	10,731	10,731	10,731
		Bottomfish	16,506	16,822	15,504	15,123	0	13,199	16,452	16,452	16,452	16,452	16,452	16,452
		Combo	2,326	2,141	1,341	2,121	0	2,121	2,121	2,121	2,121	2,121	2,121	2,121
		Tuna	49	195	945	437	437	437	437	437	437	437	437	437
		Other	1,261	1,515	1,440	116	0	116	116	116	116	116	116	116
		TOTAL	30,185	28,970	28,815	20,182	437	26,674	29,928	29,893	29,928	29,928	29,893	29,928
OREGON TOTALS														
		Charter	51,933	49,920	54,821	45,017	1,595	48,893	56,359	54,131	56,359	56,359	54,131	56,359
		Private	121,699	111,874	135,409	72,247	3,883	123,215	129,893	124,293	129,893	129,893	124,293	129,893
		TOTAL	173,632	161,794	190,230	117,264	5,478	172,108	186,222	178,424	186,222	186,222	178,424	186,222

Table Rec 1 (p. 3 of 4)

Table 7-xx. Estimated West Coast recreational ocean angler effort by state, region, boat type and species target in 2005, 2006, 2007 and projected under each state's management options (angler trips) (page 3 of 4).

State	Region	Boat Type / Trip Target	2005	2006	2007	No Action (SQ)	CA OP 0	CA OP 1	CA OP 2	CA OP 3	CA OP 4	CA OP 5	CA OP 6
CALIFORNIA													
North Coast: Humboldt and Del Norte counties													
Charter													
	Halibut		0	0	0	0	0	0	0	0	0	0	0
	Salmon		302	651	1,245	733	0	306	450	511	609	671	609
	Bottomfish		1,050	2,117	3,154	2,107	0	558	1,271	1,537	1,828	1,951	1,828
	Combo		0	0	0	0	0	0	0	0	0	0	0
	HMS		876	547	614	0	0	0	0	0	0	0	0
	Other		0	0	5	2	0	0	1	2	2	2	2
	TOTAL		2,228	3,316	5,018	2,841	0	864	1,722	2,050	2,439	2,623	2,439
Private													
	Halibut		0	0	0	0	0	0	0	0	0	0	0
	Salmon		22,544	22,879	22,430	22,618	0	9,454	13,895	15,775	18,797	20,707	18,797
	Bottomfish		15,230	15,940	16,113	15,759	0	4,173	9,506	11,502	13,877	14,591	13,877
	Combo		0	0	0	0	0	0	0	0	0	0	0
	HMS		17,320	35,531	29,401	436	1	1	401	424	425	431	425
	Other		509	459	594	520	0	31	234	487	519	519	519
	TOTAL		55,604	74,809	68,539	39,333	1	13,659	24,035	28,188	33,417	36,248	33,417
North-Central Coast: Mendocino county													
Charter													
	Halibut		0	0	0	0	0	0	0	0	0	0	0
	Salmon		0	0	0	0	0	0	0	0	0	0	0
	Bottomfish		788	0	1,881	872	0	32	32	149	149	266	525
	Combo		0	0	0	0	0	0	0	0	0	0	0
	HMS		0	0	0	0	0	0	0	0	0	0	0
	Other		0	0	0	0	0	0	0	0	0	0	0
	TOTAL		788	0	1,881	872	0	32	32	149	149	266	525
Private													
	Halibut		0	0	0	0	0	0	0	0	0	0	0
	Salmon		31,108	18,073	13,756	16,768	0	5,267	5,267	8,207	8,207	11,146	16,396
	Bottomfish		7,910	8,614	8,271	8,429	0	311	311	1,440	1,440	2,570	5,076
	Combo		0	0	0	0	0	0	0	0	0	0	0
	HMS		2	58	1,868	578	0	0	0	279	279	557	576
	Other		121	11	57	62	0	5	5	12	12	19	29
	TOTAL		39,138	26,756	24,752	25,833	0	5,583	5,583	9,938	9,938	14,292	22,077
North-Central Coast: San Mateo County through Sonoma County													
Charter													
	Halibut		0	0	0	0	0	0	0	0	0	0	0
	Salmon		11,730	51	4,750	4,778	0	3,587	4,398	4,398	4,398	4,398	4,398
	Bottomfish		16,258	46,209	24,156	27,693	0	18,376	23,653	23,653	23,653	23,653	23,653
	Combo		0	0	0	0	0	0	0	0	0	0	0
	HMS		0	0	0	0	0	0	0	0	0	0	0
	Other		1,935	64	685	836	0	524	595	595	595	595	595
	TOTAL		29,924	46,324	29,601	33,107	0	22,488	28,646	28,646	28,646	28,646	28,646
Private													
	Halibut		0	0	0	0	0	0	0	0	0	0	0
	Salmon		63,779	46,271	26,376	39,429	0	29,606	36,294	36,294	36,294	36,294	36,294
	Bottomfish		23,104	37,894	21,764	26,458	0	17,557	22,599	22,599	22,599	22,599	22,599
	Combo		0	0	0	0	0	0	0	0	0	0	0
	HMS		988	1,441	1,813	1,411	919	919	1,407	1,407	1,407	1,407	1,407
	Other		44,589	52,407	35,897	31,385	0	25,839	29,359	29,359	29,359	29,359	29,359
	TOTAL		132,460	138,012	85,850	98,683	919	73,922	89,659	89,659	89,659	89,659	89,659

Table Rec 1 (p. 4 of 4)

Table 7-xx: Estimated West Coast recreational ocean angler effort by state, region, boat type and species target in 2005, 2006, 2007 and projected under each state's management options (angler trips) (page 4 of 4).

State	Region	Boat Type / Trip Target	2005	2006	2007	No Action (SQ)	CA OP 0	CA OP 1	CA OP 2	CA OP 3	CA OP 4	CA OP 5	CA OP 6
CALIFORNIA													
South-Central Coast: San Luis Obispo County through Santa Cruz County													
Charter													
		Halibut	0	0	0	0	0	0	0	0	0	0	0
		Salmon	1,745	229	1,628	708	0	708	708	708	708	708	708
		Bottomfish	22,037	26,456	31,920	26,244	0	24,731	24,731	24,731	24,731	24,731	26,244
		Combo	0	0	0	0	0	0	0	0	0	0	0
		HMS	0	0	0	0	0	0	0	0	0	0	0
		Other	609	490	8,891	3,147	0	3,121	3,121	3,121	3,121	3,121	3,147
		TOTAL	24,391	27,175	42,439	30,099	0	28,559	28,559	28,559	28,559	28,559	30,099
Private													
		Halibut	0	0	0	0	0	0	0	0	0	0	0
		Salmon	42,096	23,894	31,743	19,208	0	19,208	19,208	19,208	19,208	19,208	19,208
		Bottomfish	30,798	40,367	36,364	35,094	0	33,071	33,071	33,071	33,071	33,071	35,094
		Combo	0	0	0	0	0	0	0	0	0	0	0
		HMS	1,055	1,674	2,763	1,831	1,820	1,820	1,820	1,820	1,820	1,820	1,831
		Other	11,822	9,318	9,223	9,564	0	9,484	9,484	9,484	9,484	9,484	9,564
		TOTAL	85,771	75,253	80,083	85,697	1,820	63,583	63,583	63,583	63,583	63,583	65,697
South Coast: Ventura and Santa Barbara counties													
Charter													
		Halibut	0	0	0	0	0	0	0	0	0	0	0
		Salmon	0	0	0	0	0	0	0	0	0	0	0
		Bottomfish	27,798	17,784	32,673	25,423	0	25,423	25,423	25,423	25,423	25,423	25,423
		Combo	0	0	0	0	0	0	0	0	0	0	0
		HMS	0	16	0	5	5	5	5	5	5	5	5
		Other	3,319	3,448	1,967	2,752	0	2,752	2,752	2,752	2,752	2,752	2,752
		TOTAL	31,117	21,247	34,640	28,181	5	28,181	28,181	28,181	28,181	28,181	28,181
Private													
		Halibut	0	0	0	0	0	0	0	0	0	0	0
		Salmon	1,869	1,104	1,341	1,438	0	1,438	1,438	1,438	1,438	1,438	1,438
		Bottomfish	24,422	19,648	19,778	20,743	0	20,743	20,743	20,743	20,743	20,743	20,743
		Combo	0	0	0	0	0	0	0	0	0	0	0
		HMS	66	115	1,174	446	446	446	446	446	446	446	446
		Other	13,936	15,865	19,970	15,686	0	15,686	15,686	15,686	15,686	15,686	15,686
		TOTAL	40,294	36,732	42,262	38,313	446	38,313	38,313	38,313	38,313	38,313	38,313
South Coast: San Diego County through Los Angeles County													
Charter													
		Halibut	0	0	0	0	0	0	0	0	0	0	0
		Salmon	825	0	174	333	0	333	333	333	333	333	333
		Bottomfish	181,247	99,234	139,253	131,708	0	131,708	131,708	131,708	131,708	131,708	131,708
		Combo	0	0	0	0	0	0	0	0	0	0	0
		HMS	876	531	614	870	870	870	870	870	870	870	870
		Other	92,046	65,897	57,675	68,554	0	68,554	68,554	68,554	68,554	68,554	68,554
		TOTAL	274,995	165,682	197,716	201,265	870	201,265	201,265	201,265	201,265	201,265	201,265
Private													
		Halibut	0	0	0	0	0	0	0	0	0	0	0
		Salmon	0	0	0	0	0	0	0	0	0	0	0
		Bottomfish	141,206	129,557	163,800	136,361	0	136,361	136,361	136,361	136,361	136,361	136,361
		Combo	0	0	0	0	0	0	0	0	0	0	0
		HMS	15,205	32,224	20,697	22,579	22,579	22,579	22,579	22,579	22,579	22,579	22,579
		Other	276,767	324,879	223,799	282,442	0	262,442	262,442	262,442	262,442	262,442	262,442
		TOTAL	433,178	486,680	408,295	421,382	22,579	421,382	421,382	421,382	421,382	421,382	421,382
CALIFORNIA TOTALS													
		Charter	363,442	263,725	311,295	296,364	675	281,389	288,405	288,850	289,239	289,540	291,155
		Private	786,445	838,221	709,792	689,241	25,765	618,441	642,555	651,062	656,292	663,478	670,545
		TOTAL	1,149,887	1,101,946	1,021,087	985,605	26,441	897,830	930,960	939,912	945,531	953,018	961,699

Table Rec 2 (p. 1 of 4)

Table 7-xx. Estimated West Coast Income Impacts resulting from recreational ocean angler expenditures by state, region, boat type and trip target in 2005, 2006 and 2007, and projected income impacts under the management alternatives (million \$) (page 1 of 4) (Income Impacts are a measure of local value added generated by the expenditures associated with recreational fishing activities).

State	Region	Boat Type / Trip Target	2005	2006	2007	SQ				
						(2008)	WA OP 0	WA OP 1	WA OP 2	WA OP 3
WASHINGTON										
North Washington Coast										
Charter										
		Halibut	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.2
		Salmon	0.4	0.2	0.2	0.3	0.0	0.3	0.3	0.3
		Bottomfish	0.1	0.1	0.1	0.2	0.0	0.2	0.2	0.2
		Salm/Hibt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.7	0.5	0.5	0.7	0.0	0.7	0.7	0.7
Private										
		Halibut	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.2
		Salmon	0.4	0.3	0.3	0.4	0.0	0.4	0.4	0.4
		Bottomfish	0.2	0.1	0.2	0.2	0.0	0.2	0.1	0.1
		Salm/Hibt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.7	0.6	0.7	0.7	0.0	0.7	0.7	0.7
South & Central WA Coast										
Charter										
		Halibut	0.7	0.6	0.6	0.6	0.0	0.6	0.6	0.6
		Salmon	6.3	5.1	5.6	6.1	0.0	6.1	6.1	6.1
		Bottomfish	2.8	3.4	3.1	3.1	0.0	3.1	3.1	3.1
		Salm/Hibt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.2	0.4	0.4	0.3	0.3	0.3	0.3	0.3
		TOTAL	10.1	9.4	9.6	10.0	0.3	10.0	10.0	10.0
Private										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	2.2	1.4	1.7	2.1	0.0	2.1	2.1	2.1
		Bottomfish	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
		Salm/Hibt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
		TOTAL	2.3	1.5	1.8	2.2	0.0	2.2	2.2	2.2
WASHINGTON TOTALS										
		Charter	10.8	9.9	10.1	10.7	0.3	10.7	10.7	10.7
		Private	3.0	2.2	2.5	2.9	0.0	2.9	2.9	2.9
		TOTAL	13.8	12.1	12.6	13.6	0.3	13.6	13.6	13.6

Table Rec 2 (p. 2 of 4)

Table 7-xx Estimated West Coast Income Impacts resulting from recreational ocean angler expenditures by state, region, boat type and trip target in 2005, 2006 and 2007, and projected income impacts under the management alternatives (million \$) (page 2 of 4) (Income Impacts are a measure of local value added generated by the expenditures associated with recreational fishing activities).

State	Region	Boat Type / Trip Target	2005	2006	2007	SQ (2008)	OR OP					OR OP		
							OR OP 1	OR OP 2	OR OP 3	OR OP 3a	OR OP 4	OR OP 5	5a	OR OP 6
OREGON														
Astoria-Tillamook														
Charter														
		Halibut	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.1	0.2	0.2	0.1	0.2
		Salmon	0.5	0.4	0.5	0.1	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Bottomfish	0.8	0.8	0.7	0.8	0.0	0.7	0.8	0.8	0.8	0.8	0.8	0.8
		Combo	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Tuna	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.7	1.5	1.6	1.2	0.0	1.5	1.7	1.6	1.7	1.6	1.7	
Private														
		Halibut	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1
		Salmon	0.9	0.9	1.1	0.2	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
		Bottomfish	0.3	0.2	0.2	0.2	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		Combo	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Tuna	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.4	1.4	1.7	0.7	0.0	1.5	1.8	1.5	1.6	1.8	1.5	
Newport														
Charter														
		Halibut	0.4	0.5	0.4	0.4	0.0	0.4	0.4	0.2	0.4	0.4	0.2	0.4
		Salmon	0.5	0.4	0.7	0.2	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8
		Bottomfish	3.6	3.6	3.5	3.4	0.0	3.0	3.7	3.7	3.7	3.7	3.7	3.7
		Combo	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Tuna	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	4.7	4.7	5.2	4.3	0.2	4.5	5.2	5.0	5.2	5.0	5.2	
Private														
		Halibut	0.4	0.4	0.4	0.4	0.0	0.3	0.3	0.2	0.3	0.3	0.2	0.3
		Salmon	0.3	0.3	0.5	0.1	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Bottomfish	0.3	0.3	0.2	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
		Combo	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Tuna	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Other	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.2	1.1	1.5	0.9	0.1	1.3	1.3	1.2	1.3	1.3	1.2	
Coos Bay														
Charter														
		Halibut	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1
		Salmon	0.4	0.3	0.3	0.1	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
		Bottomfish	0.7	0.7	0.8	0.7	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.2	1.2	1.2	1.0	0.0	1.2	1.3	1.3	1.3	1.3	1.3	
Private														
		Halibut	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1
		Salmon	0.9	0.8	0.8	0.2	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		Bottomfish	0.2	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
		Combo	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Tuna	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.4	1.1	1.4	0.6	0.0	1.3	1.4	1.4	1.4	1.4	1.4	
Brookings														
Charter														
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	0.7	0.8	0.7	0.7	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.8	0.7	0.8	0.7	0.0	0.7	0.8	0.8	0.8	0.8	0.8	
Private														
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.4	0.4	0.4	0.1	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Bottomfish	0.7	0.7	0.7	0.7	0.0	0.6	0.7	0.7	0.7	0.7	0.7	0.7
		Combo	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.3	1.3	1.2	0.9	0.0	1.2	1.3	1.3	1.3	1.3	1.3	
OREGON TOTALS														
		Charter	8.4	8.0	8.8	7.3	0.3	7.9	9.1	8.7	9.1	9.1	8.7	9.1
		Private	5.3	4.8	5.9	3.1	0.2	5.3	5.6	5.4	5.6	5.6	5.4	5.6
		TOTAL	13.6	12.9	14.7	10.4	0.4	13.2	14.7	14.1	14.7	14.7	14.1	14.7

Table Rec 2 (p. 3 of 4)

Table 7-xx. Estimated West Coast Income Impacts resulting from recreational ocean angler expenditures by state, region, boat type and trip target in 2005, 2006 and 2007, and projected income impacts under the management alternatives (million \$) (page 3 of 4) (Income impacts are a measure of local value added generated by the expenditures associated with recreational fishing activities).

State	Region	Boat Type / Trip Target	2005	2006	2007	CA OP 1						
						(SQ)	CA OP 0	CA OP 2	CA OP 3	CA OP 4	CA OP 5	CA OP 6
CALIFORNIA												
North Coast: Humboldt and Del Norte counties												
Charter												
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.1	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.1
		Bottomfish	0.2	0.3	0.5	0.3	0.0	0.1	0.2	0.2	0.3	0.3
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.3	0.5	0.8	0.4	0.0	0.1	0.3	0.3	0.4	0.4
Private												
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	1.0	1.0	1.0	1.0	0.0	0.4	0.6	0.7	0.8	0.9
		Bottomfish	0.7	0.7	0.7	0.7	0.0	0.2	0.4	0.5	0.6	0.6
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.8	1.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	2.5	3.3	3.0	1.7	0.0	0.6	1.1	1.3	1.5	1.6
North-Central Coast: Mendocino county												
Charter												
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Private												
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	1.4	0.8	0.8	0.7	0.0	0.2	0.2	0.4	0.4	0.5
		Bottomfish	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.1	0.1	0.1
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.7	1.2	1.1	1.1	0.0	0.2	0.2	0.4	0.4	0.6
North-Central Coast: San Mateo County through Sonoma County												
Charter												
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	1.8	0.0	0.7	0.7	0.0	0.5	0.7	0.7	0.7	0.7
		Bottomfish	2.4	6.9	3.6	4.1	0.0	2.7	3.5	3.5	3.5	3.5
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
		TOTAL	4.5	6.9	4.4	5.0	0.0	3.4	4.3	4.3	4.3	4.3
Private												
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	2.8	2.1	1.2	1.8	0.0	1.3	1.6	1.6	1.6	1.6
		Bottomfish	1.0	1.7	1.0	1.2	0.0	0.8	1.0	1.0	1.0	1.0
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
		Other	2.0	2.3	1.6	1.4	0.0	1.1	1.3	1.3	1.3	1.3
		TOTAL	5.9	6.1	3.8	4.4	0.0	3.3	4.0	4.0	4.0	4.0

Table Rec 2 (p. 4 of 4)

Table 7-xx. Estimated West Coast Income Impacts resulting from recreational ocean angler expenditures by state, region, boat type and trip target in 2005, 2006 and 2007, and projected income impacts under the management alternatives (million \$) (page 4 of 4) (Income Impacts are a measure of local value added generated by the expenditures associated with recreational fishing activities).

State	Region	Boat Type / Trip Target	CA OP 1									
			2005	2006	2007	(SQ)	CA OP 0	CA OP 2	CA OP 3	CA OP 4	CA OP 5	CA OP 6
CALIFORNIA												
South-Central Coast: San Luis Obispo County through Santa Cruz County												
		Charter										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.2	0.0	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1
		Bottomfish	2.7	3.2	3.9	3.2	0.0	3.0	3.0	3.0	3.0	3.2
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.1	0.1	1.1	0.4	0.0	0.4	0.4	0.4	0.4	0.4
		TOTAL	3.0	3.3	5.2	3.7	0.0	3.5	3.5	3.5	3.5	3.7
		Private										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	1.7	1.0	1.3	0.8	0.0	0.8	0.8	0.8	0.8	0.8
		Bottomfish	1.3	1.7	1.5	1.4	0.0	1.4	1.4	1.4	1.4	1.4
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Other	0.5	0.4	0.4	0.4	0.0	0.4	0.4	0.4	0.4	0.4
		TOTAL	3.5	3.1	3.3	2.7	0.1	2.6	2.6	2.6	2.6	2.7
South Coast: Ventura and Santa Barbara counties												
		Charter										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	3.4	2.2	4.0	3.1	0.0	3.1	3.1	3.1	3.1	3.1
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.4	0.4	0.2	0.3	0.0	0.3	0.3	0.3	0.3	0.3
		TOTAL	3.8	2.6	4.2	3.5	0.0	3.5	3.5	3.5	3.5	3.5
		Private										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
		Bottomfish	1.0	0.8	0.8	0.8	0.0	0.8	0.8	0.8	0.8	0.8
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.6	0.6	0.6	0.6	0.0	0.6	0.6	0.6	0.6	0.6
		TOTAL	1.8	1.5	1.7	1.6	0.0	1.6	1.6	1.6	1.6	1.6
South Coast: San Diego County through Los Angeles County												
		Charter										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	22.2	12.2	17.1	16.2	0.0	16.2	16.2	16.2	16.2	16.2
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Other	11.3	8.1	7.1	8.4	0.0	8.4	8.4	8.4	8.4	8.4
		TOTAL	33.7	20.3	24.3	24.7	0.1	24.7	24.7	24.7	24.7	24.7
		Private										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	5.8	5.3	6.7	5.6	0.0	5.6	5.6	5.6	5.6	5.6
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.6	1.3	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
		Other	11.3	13.3	9.2	10.7	0.0	10.7	10.7	10.7	10.7	10.7
		TOTAL	17.7	19.9	16.7	17.2	0.9	17.2	17.2	17.2	17.2	17.2
CALIFORNIA TOTALS												
		Charter	45.5	33.7	39.2	37.3	0.1	35.1	36.2	36.3	36.4	36.6
		Private	33.0	35.1	29.6	28.8	1.1	25.5	26.7	27.1	27.3	27.9
		TOTAL	78.4	68.8	68.8	66.1	1.1	60.7	62.9	63.3	63.6	64.5

Table Rec 3 (p. 1 of 4)

Table 7-xx. Change in estimated West Coast recreational ocean angler income impacts by state, region, boat type and species target compared with No Action / Status Quo under each state's management options (million \$) (page 1 of 4).

State	Region	Boat Type / Trip Target	SQ (2008)	WA OP 0	WA OP 1	WA OP 2	WA OP 3
WASHINGTON							
North Washington Coast							
Charter							
		Hallbut	0.2	-0.2	0.0	0.0	0.0
		Salmon	0.3	-0.3	0.0	0.0	0.0
		Bottomfish	0.2	-0.2	0.0	0.0	0.0
		Salm/Hibt	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.7	-0.7	0.0	0.0	0.0
Private							
		Hallbut	0.2	-0.2	0.0	0.0	0.0
		Salmon	0.4	-0.4	0.0	0.0	0.0
		Bottomfish	0.2	-0.2	0.0	0.0	0.0
		Salm/Hibt	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.7	-0.7	0.0	0.0	0.0
South & Central WA Coast							
Charter							
		Hallbut	0.6	-0.6	0.0	0.0	0.0
		Salmon	6.1	-6.1	0.0	0.0	0.0
		Bottomfish	3.1	-3.1	0.0	0.0	0.0
		Salm/Hibt	0.0	0.0	0.0	0.0	0.0
		Tuna	0.3	0.0	0.0	0.0	0.0
		TOTAL	10.0	-9.7	0.0	0.0	0.0
Private							
		Hallbut	0.0	0.0	0.0	0.0	0.0
		Salmon	2.1	-2.1	0.0	0.0	0.0
		Bottomfish	0.1	-0.1	0.0	0.0	0.0
		Salm/Hibt	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0
		TOTAL	2.2	-2.2	0.0	0.0	0.0
WASHINGTON TOTALS							
		Charter	10.7	-10.4	0.0	0.0	0.0
		Private	2.9	-2.9	0.0	0.0	0.0
		TOTAL	13.6	-13.3	0.0	0.0	0.0

Table Rec 3 (p. 2 of 4)

Table 7-xx. Change in estimated West Coast recreational ocean angler income impacts by state, region, boat type and species target compared with No Action / Status Quo under each state's management options (million \$) (page 2 of 4).

State	Region	Boat Type / Trip Target	SQ (2008)	OR OP 1	OR OP 2	OR OP 3	OR OP 3a	OR OP 4	OR OP 5	OR OP 5a	OR OP 6
OREGON											
Astoria-Tillamook											
Charter											
		Halibut	0.2	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
		Salmon	0.1	-0.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4
		Bottomfish	0.8	-0.8	-0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Combo	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.2	-1.2	0.3	0.5	0.4	0.5	0.5	0.4	0.5
Private											
		Halibut	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.2	-0.2	0.9	0.9	0.9	0.9	0.9	0.9	0.9
		Bottomfish	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Combo	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.7	-0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Newport											
Charter											
		Halibut	0.4	-0.4	0.0	0.0	-0.2	0.0	0.0	-0.2	0.0
		Salmon	0.2	-0.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6
		Bottomfish	3.4	-3.4	-0.4	0.3	0.3	0.3	0.3	0.3	0.3
		Combo	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	4.3	-4.2	0.2	0.9	0.7	0.9	0.9	0.7	0.9
Private											
		Halibut	0.4	-0.4	0.0	0.0	-0.2	0.0	0.0	-0.2	0.0
		Salmon	0.1	-0.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4
		Bottomfish	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Combo	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.9	-0.9	0.3	0.4	0.2	0.4	0.4	0.2	0.4
Coos Bay											
Charter											
		Halibut	0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
		Salmon	0.1	-0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		Bottomfish	0.7	-0.7	-0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.0	-0.9	0.2	0.4	0.3	0.4	0.4	0.3	0.4
Private											
		Halibut	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.2	-0.2	0.8	0.8	0.8	0.8	0.8	0.8	0.8
		Bottomfish	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Combo	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.6	-0.6	0.7	0.8	0.7	0.8	0.8	0.7	0.8
Brookings											
Charter											
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	0.7	-0.7	-0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.7	-0.7	-0.1	0.1	0.1	0.1	0.1	0.1	0.1
Private											
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.1	-0.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4
		Bottomfish	0.7	-0.7	-0.1	0.1	0.1	0.1	0.1	0.1	0.1
		Combo	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Tuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.9	-0.9	0.3	0.4	0.4	0.4	0.4	0.4	0.4
OREGON TOTALS											
		Charter	7.3	-7.0	0.6	1.8	1.5	1.8	1.8	1.5	1.8
		Private	3.1	-3.0	2.2	2.5	2.2	2.5	2.5	2.2	2.5
		TOTAL	10.4	-10.0	2.8	4.3	3.7	4.3	4.3	3.7	4.3

Table Rec 3 (p. 3 of 4)

Table 7-xx Change in estimated West Coast recreational ocean angler Income Impacts by state, region, boat type and species target compared with No Action / Status Quo under each state's management options (million \$) (page 3 of 4).

State	Region	Boat Type / Trip Target	CA OP 1 (SQ)	CA OP 0	CA OP 2	CA OP 3	CA OP 4	CA OP 5	CA OP 6	CA OP 7
CALIFORNIA										
North Coast: Humboldt and Del Norte counties										
Charter										
		Hallbut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
		Bottomfish	0.3	-0.3	-0.2	-0.1	-0.1	0.0	0.0	0.0
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.4	-0.4	-0.3	-0.2	-0.1	-0.1	0.0	-0.1
Private										
		Hallbut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	1.0	-1.0	-0.6	-0.4	-0.3	-0.2	-0.1	-0.2
		Bottomfish	0.7	-0.7	-0.5	-0.3	-0.2	-0.1	-0.1	-0.1
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.7	-1.7	-1.1	-0.7	-0.5	-0.3	-0.1	-0.3
North-Central Coast: Mendocino county										
Charter										
		Hallbut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Private										
		Hallbut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.7	-0.7	-0.5	-0.5	-0.4	-0.4	-0.2	0.0
		Bottomfish	0.4	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.1
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.1	-1.1	-0.9	-0.9	-0.7	-0.7	-0.5	-0.2
North-Central Coast: San Mateo County through Sonoma County										
Charter										
		Hallbut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.7	-0.7	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1
		Bottomfish	4.1	-4.1	-1.4	-0.6	-0.6	-0.6	-0.6	-0.6
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	5.0	-5.0	-1.6	-0.7	-0.7	-0.7	-0.7	-0.7
Private										
		Hallbut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	1.8	-1.8	-0.4	-0.1	-0.1	-0.1	-0.1	-0.1
		Bottomfish	1.2	-1.2	-0.4	-0.2	-0.2	-0.2	-0.2	-0.2
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	1.4	-1.4	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1
		TOTAL	4.4	-4.3	-1.1	-0.4	-0.4	-0.4	-0.4	-0.4

Table Rec 3 (p. 4 of 4)

Table 7-xx. Change in estimated West Coast recreational ocean angler Income Impacts by state, region, boat type and species target compared with No Action / Status Quo under each state's management options (million \$) (page 4 of 4).

State	Region	Boat Type / Trip Target	CA OP 1 (SQ)	CA OP 0	CA OP 2	CA OP 3	CA OP 4	CA OP 5	CA OP 6	CA OP 7
CALIFORNIA										
South-Central Coast: San Luis Obispo County through Santa Cruz County										
Charter										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	3.2	-3.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.4	-0.4	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	3.7	-3.7	-0.2	-0.2	-0.2	-0.2	-0.2	0.0
Private										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.8	-0.8	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	1.4	-1.4	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.4	-0.4	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	2.7	-2.6	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
South Coast: Ventura and Santa Barbara counties										
Charter										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	3.1	-3.1	0.0	0.0	0.0	0.0	0.0	0.0
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	3.5	-3.5	0.0	0.0	0.0	0.0	0.0	0.0
Private										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	0.8	-0.8	0.0	0.0	0.0	0.0	0.0	0.0
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0.6	-0.6	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	1.6	-1.5	0.0	0.0	0.0	0.0	0.0	0.0
South Coast: San Diego County through Los Angeles County										
Charter										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	16.2	-16.2	0.0	0.0	0.0	0.0	0.0	0.0
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	8.4	-8.4	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	24.7	-24.6	0.0	0.0	0.0	0.0	0.0	0.0
Private										
		Halibut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Salmon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Bottomfish	5.6	-5.6	0.0	0.0	0.0	0.0	0.0	0.0
		Combo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		HMS	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	10.7	-10.7	0.0	0.0	0.0	0.0	0.0	0.0
		TOTAL	17.2	-16.3	0.0	0.0	0.0	0.0	0.0	0.0
CALIFORNIA TOTALS										
		Charter	37	-37	-2	-1	-1	-1	-1	-1
		Private	29	-28	-3	-2	-2	-1	-1	-1
		TOTAL	66	-65	-5	-3	-3	-2	-2	-2