

## **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.

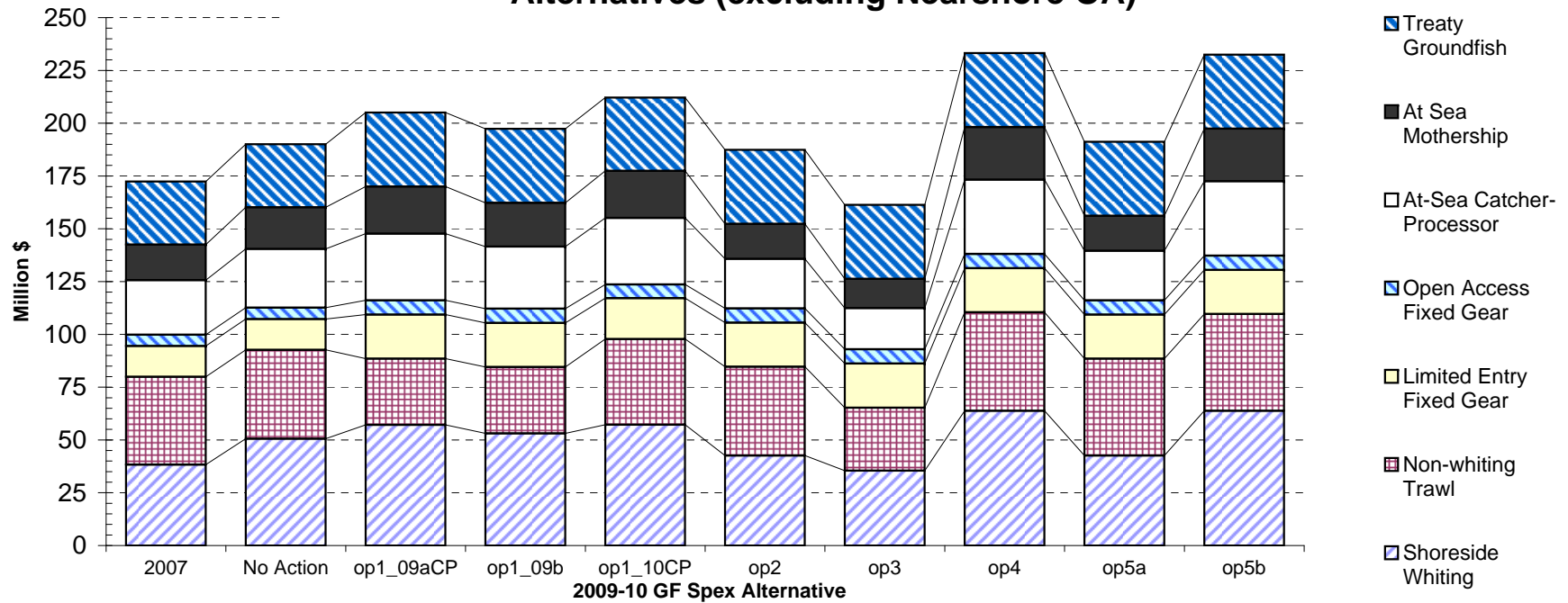
**Estimated Income Impacts for Groundfish Sectors from all Groundfish Species by Port Area Under the 2009-10 GF Spex Alternatives (Million \$)**

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
	<b>TOTAL</b>	<b>172.40</b>	<b>190.03</b>	<b>205.08</b>	<b>197.37</b>	<b>212.18</b>	<b>187.41</b>	<b>161.36</b>	<b>233.26</b>	<b>191.23</b>	<b>232.48</b>

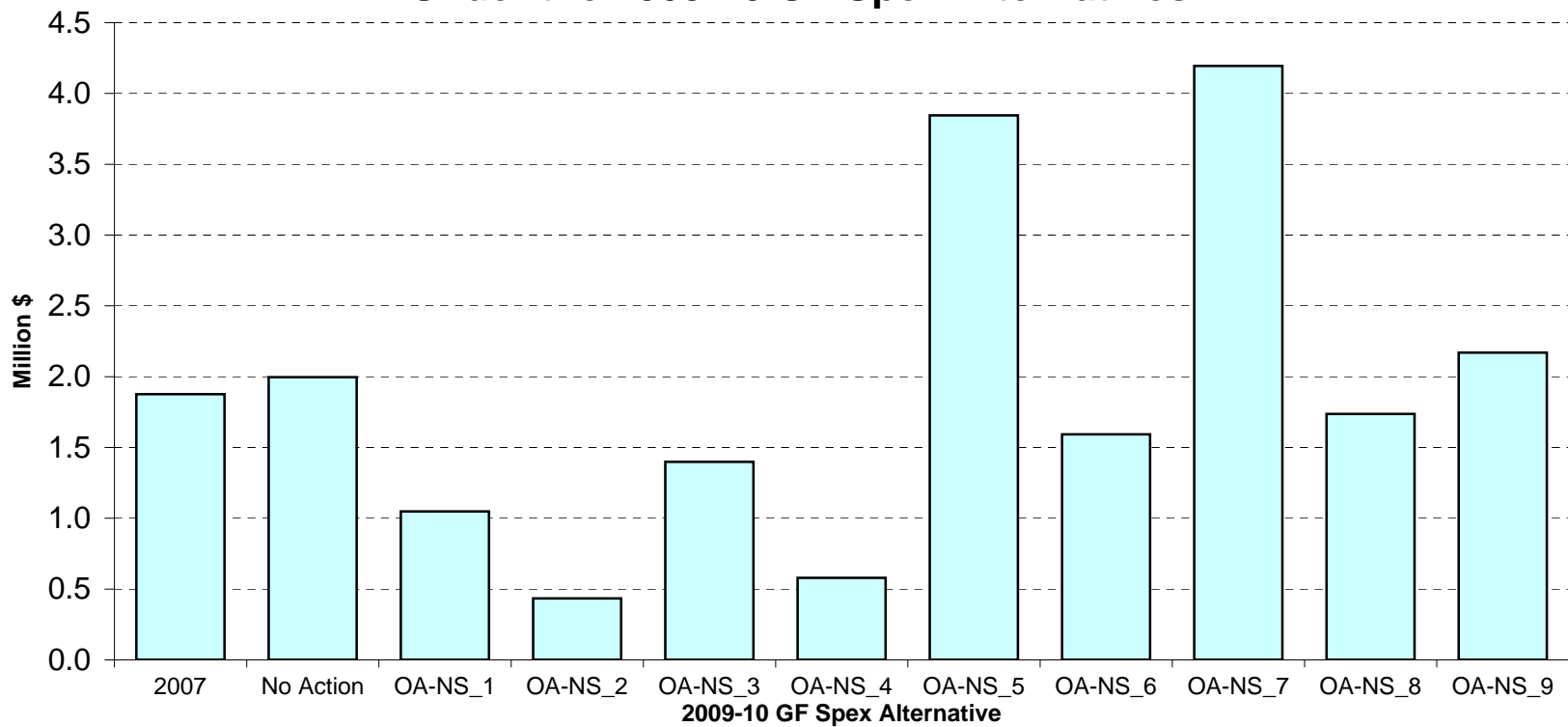
**Estimated Income Impacts for Groundfish Sectors from all Groundfish Species by Port Area Under the 2009-10 GF  
Spex Alternatives: change from No Action (Million \$)**

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 Groundfish	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
<b>TOTAL</b>			<b>190.03</b>	<b>+15.05</b>	<b>+7.33</b>	<b>+22.15</b>	<b>-2.63</b>	<b>-28.68</b>	<b>+43.22</b>	<b>+1.19</b>	<b>+42.44</b>

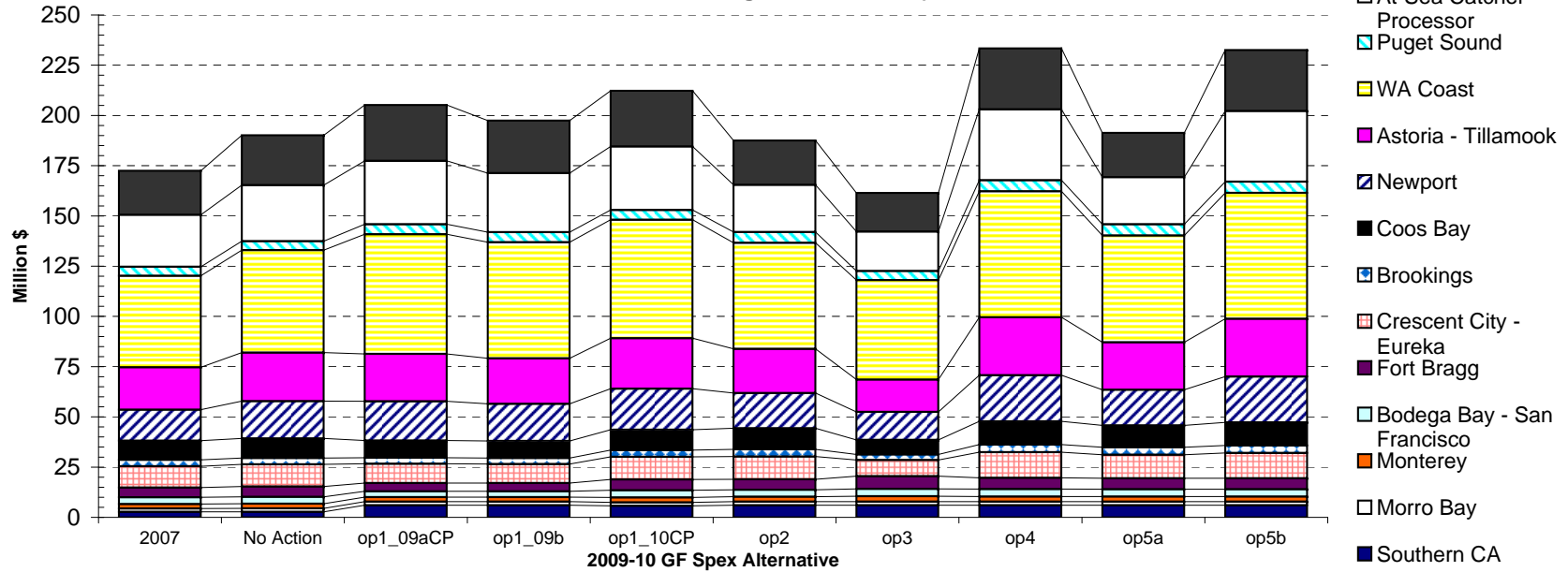
### Income Impacts by Groundfish Sector Under the 2009-10 GF Spex Alternatives (excluding Nearshore OA)



## 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
<b>WASHINGTON</b>										
<b>North Washington Coast</b>										
<b>Charter</b>										
		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
		<b>TOTAL</b>	<b>3,359</b>	<b>2,191</b>	<b>2,507</b>	<b>3,343</b>	<b>40</b>	<b>3,343</b>	<b>3,256</b>	<b>3,256</b>
<b>Private</b>										
		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
		<b>TOTAL</b>	<b>19,565</b>	<b>17,072</b>	<b>17,578</b>	<b>19,084</b>	<b>129</b>	<b>19,084</b>	<b>18,369</b>	<b>18,369</b>
<b>South &amp; Central WA Coast</b>										
<b>Charter</b>										
		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
		<b>TOTAL</b>	<b>47,588</b>	<b>44,672</b>	<b>45,355</b>	<b>47,330</b>	<b>1,407</b>	<b>47,330</b>	<b>47,330</b>	<b>47,330</b>
<b>Private</b>										
		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
		<b>TOTAL</b>	<b>61,016</b>	<b>41,427</b>	<b>49,242</b>	<b>58,598</b>	<b>739</b>	<b>58,598</b>	<b>58,598</b>	<b>58,598</b>
<b>WASHINGTON TOTALS</b>										
		<b>Charter</b>	<b>50,947</b>	<b>46,863</b>	<b>47,882</b>	<b>50,873</b>	<b>1,447</b>	<b>50,873</b>	<b>50,586</b>	<b>50,586</b>
		<b>Private</b>	<b>80,581</b>	<b>58,489</b>	<b>66,820</b>	<b>77,682</b>	<b>867</b>	<b>77,682</b>	<b>78,967</b>	<b>78,967</b>
		<b>TOTAL</b>	<b>131,528</b>	<b>105,352</b>	<b>114,702</b>	<b>128,555</b>	<b>2,314</b>	<b>128,555</b>	<b>127,553</b>	<b>127,553</b>



# 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)	Management Options							
							OR OP 1	OR OP 2	OR OP 3	OR OP 3a	OR OP 4	OR OP 5	OR OP 5a	OR OP 6
<b>OREGON</b>														
<b>Astoria-Tillamook</b>														
<b>Charter</b>														
	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		169	123	58	9	0	9	9	9	9	9	9	9
	<b>TOTAL</b>		<b>10,260</b>	<b>9,419</b>	<b>10,164</b>	<b>7,674</b>	<b>214</b>	<b>9,550</b>	<b>10,590</b>	<b>9,929</b>	<b>10,590</b>	<b>10,590</b>	<b>9,929</b>	<b>10,590</b>
<b>Private</b>														
	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
	<b>TOTAL</b>		<b>31,822</b>	<b>31,306</b>	<b>38,287</b>	<b>15,847</b>	<b>852</b>	<b>35,673</b>	<b>36,672</b>	<b>35,773</b>	<b>36,672</b>	<b>36,672</b>	<b>35,773</b>	<b>36,672</b>
<b>Newport</b>														
<b>Charter</b>														
	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
	<b>TOTAL</b>		<b>29,344</b>	<b>28,969</b>	<b>32,248</b>	<b>26,930</b>	<b>1,139</b>	<b>27,909</b>	<b>32,456</b>	<b>31,205</b>	<b>32,456</b>	<b>32,456</b>	<b>31,205</b>	<b>32,456</b>
<b>Private</b>														
	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
	<b>TOTAL</b>		<b>27,436</b>	<b>25,275</b>	<b>35,413</b>	<b>21,959</b>	<b>1,793</b>	<b>29,875</b>	<b>31,109</b>	<b>27,136</b>	<b>31,109</b>	<b>31,109</b>	<b>27,136</b>	<b>31,109</b>
<b>Coos Bay</b>														
<b>Charter</b>														
	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
	<b>TOTAL</b>		<b>7,348</b>	<b>7,280</b>	<b>7,624</b>	<b>5,913</b>	<b>189</b>	<b>7,249</b>	<b>8,202</b>	<b>7,898</b>	<b>8,202</b>	<b>8,202</b>	<b>7,898</b>	<b>8,202</b>
<b>Private</b>														
	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
	<b>TOTAL</b>		<b>32,256</b>	<b>26,323</b>	<b>32,864</b>	<b>14,258</b>	<b>801</b>	<b>30,994</b>	<b>32,154</b>	<b>31,491</b>	<b>32,154</b>	<b>32,154</b>	<b>31,491</b>	<b>32,154</b>
<b>Brookings</b>														
<b>Charter</b>														
	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
	<b>TOTAL</b>		<b>4,981</b>	<b>4,252</b>	<b>4,787</b>	<b>4,501</b>	<b>53</b>	<b>4,185</b>	<b>5,110</b>	<b>5,098</b>	<b>5,110</b>	<b>5,110</b>	<b>5,098</b>	<b>5,110</b>
<b>Private</b>														
	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
	<b>TOTAL</b>		<b>30,185</b>	<b>28,970</b>	<b>28,815</b>	<b>20,182</b>	<b>437</b>	<b>26,674</b>	<b>29,928</b>	<b>29,893</b>	<b>29,928</b>	<b>29,928</b>	<b>29,893</b>	<b>29,928</b>
<b>OREGON TOTALS</b>														
	<b>Charter</b>		<b>51,933</b>	<b>49,920</b>	<b>54,821</b>	<b>45,017</b>	<b>1,595</b>	<b>48,893</b>	<b>56,359</b>	<b>54,131</b>	<b>56,359</b>	<b>56,359</b>	<b>54,131</b>	<b>56,359</b>
	<b>Private</b>		<b>121,699</b>	<b>111,874</b>	<b>135,409</b>	<b>72,247</b>	<b>3,883</b>	<b>123,215</b>	<b>129,893</b>	<b>124,293</b>	<b>129,893</b>	<b>129,893</b>	<b>124,293</b>	<b>129,893</b>
	<b>TOTAL</b>		<b>173,632</b>	<b>161,794</b>	<b>190,230</b>	<b>117,264</b>	<b>5,478</b>	<b>172,108</b>	<b>186,222</b>	<b>178,424</b>	<b>186,222</b>	<b>186,222</b>	<b>178,424</b>	<b>186,222</b>

# 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
							CA OP 0	CA OP 1	CA OP 2	CA OP 3	CA OP 4	CA OP 5	CA OP 6
<b>CALIFORNIA</b>													
<b>North Coast: Humboldt and Del Norte counties</b>													
<b>Charter</b>													
	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
	<b>TOTAL</b>		<b>2,228</b>	<b>3,316</b>	<b>5,018</b>	<b>2,841</b>	<b>0</b>	<b>864</b>	<b>1,722</b>	<b>2,050</b>	<b>2,439</b>	<b>2,623</b>	<b>2,439</b>
<b>Private</b>													
	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	13,677	14,591	13,677
	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
	<b>TOTAL</b>		<b>55,604</b>	<b>74,809</b>	<b>68,539</b>	<b>39,333</b>	<b>1</b>	<b>13,659</b>	<b>24,035</b>	<b>28,188</b>	<b>33,417</b>	<b>36,248</b>	<b>33,417</b>
<b>North-Central Coast: Mendocino county</b>													
<b>Charter</b>													
	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
	<b>TOTAL</b>		<b>788</b>	<b>0</b>	<b>1,881</b>	<b>872</b>	<b>0</b>	<b>32</b>	<b>32</b>	<b>149</b>	<b>149</b>	<b>266</b>	<b>525</b>
<b>Private</b>													
	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
	<b>TOTAL</b>		<b>39,138</b>	<b>26,756</b>	<b>24,752</b>	<b>25,833</b>	<b>0</b>	<b>5,583</b>	<b>5,583</b>	<b>9,938</b>	<b>9,938</b>	<b>14,292</b>	<b>22,077</b>
<b>North-Central Coast: San Mateo County through Sonoma County</b>													
<b>Charter</b>													
	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
	<b>TOTAL</b>		<b>29,924</b>	<b>46,324</b>	<b>29,601</b>	<b>33,107</b>	<b>0</b>	<b>22,488</b>	<b>28,646</b>	<b>28,646</b>	<b>28,646</b>	<b>28,646</b>	<b>28,646</b>
<b>Private</b>													
	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
	<b>TOTAL</b>		<b>132,460</b>	<b>138,012</b>	<b>85,850</b>	<b>98,683</b>	<b>919</b>	<b>73,922</b>	<b>89,659</b>	<b>89,659</b>	<b>89,659</b>	<b>89,659</b>	<b>89,659</b>

# 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
<b>CALIFORNIA</b>													
<b>South-Central Coast: San Luis Obispo County through Santa Cruz County</b>													
<b>Charter</b>													
		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
		<b>TOTAL</b>	<b>24,391</b>	<b>27,175</b>	<b>42,439</b>	<b>30,099</b>	<b>0</b>	<b>28,559</b>	<b>28,559</b>	<b>28,559</b>	<b>28,559</b>	<b>28,559</b>	<b>30,099</b>
<b>Private</b>													
		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
		<b>TOTAL</b>	<b>85,771</b>	<b>75,253</b>	<b>80,093</b>	<b>85,697</b>	<b>1,820</b>	<b>63,583</b>	<b>63,583</b>	<b>63,583</b>	<b>63,583</b>	<b>63,583</b>	<b>65,697</b>
<b>South Coast: Ventura and Santa Barbara counties</b>													
<b>Charter</b>													
		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
		<b>TOTAL</b>	<b>31,117</b>	<b>21,247</b>	<b>34,640</b>	<b>28,181</b>	<b>5</b>	<b>28,181</b>	<b>28,181</b>	<b>28,181</b>	<b>28,181</b>	<b>28,181</b>	<b>28,181</b>
<b>Private</b>													
		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
		<b>TOTAL</b>	<b>40,294</b>	<b>36,732</b>	<b>42,282</b>	<b>38,313</b>	<b>446</b>	<b>38,313</b>	<b>38,313</b>	<b>38,313</b>	<b>38,313</b>	<b>38,313</b>	<b>38,313</b>
<b>South Coast: San Diego County through Los Angeles County</b>													
<b>Charter</b>													
		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
		<b>TOTAL</b>	<b>274,995</b>	<b>165,682</b>	<b>197,716</b>	<b>201,265</b>	<b>870</b>	<b>201,265</b>	<b>201,265</b>	<b>201,265</b>	<b>201,265</b>	<b>201,265</b>	<b>201,265</b>
<b>Private</b>													
		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
		<b>TOTAL</b>	<b>433,178</b>	<b>486,680</b>	<b>408,295</b>	<b>421,382</b>	<b>22,579</b>	<b>421,382</b>	<b>421,382</b>	<b>421,382</b>	<b>421,382</b>	<b>421,382</b>	<b>421,382</b>
<b>CALIFORNIA TOTALS</b>													
		<b>Charter</b>	<b>363,442</b>	<b>263,725</b>	<b>311,295</b>	<b>296,364</b>	<b>875</b>	<b>281,389</b>	<b>288,405</b>	<b>288,850</b>	<b>289,239</b>	<b>289,540</b>	<b>291,155</b>
		<b>Private</b>	<b>786,445</b>	<b>838,221</b>	<b>709,792</b>	<b>689,241</b>	<b>25,765</b>	<b>618,441</b>	<b>642,555</b>	<b>651,062</b>	<b>656,292</b>	<b>663,478</b>	<b>670,545</b>
		<b>TOTAL</b>	<b>1,149,887</b>	<b>1,101,946</b>	<b>1,021,087</b>	<b>985,605</b>	<b>26,441</b>	<b>897,830</b>	<b>930,960</b>	<b>939,912</b>	<b>945,531</b>	<b>953,018</b>	<b>961,699</b>

# 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
<b>WASHINGTON</b>										
<b>North Washington Coast</b>										
<b>Charter</b>										
		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
		<b>TOTAL</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.7</b>	<b>0.0</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>
<b>Private</b>										
		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
		<b>TOTAL</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</b>	<b>0.7</b>	<b>0.0</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>
<b>South &amp; Central WA Coast</b>										
<b>Charter</b>										
		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
		<b>TOTAL</b>	<b>10.1</b>	<b>9.4</b>	<b>9.6</b>	<b>10.0</b>	<b>0.3</b>	<b>10.0</b>	<b>10.0</b>	<b>10.0</b>
<b>Private</b>										
		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
		<b>TOTAL</b>	<b>2.3</b>	<b>1.5</b>	<b>1.8</b>	<b>2.2</b>	<b>0.0</b>	<b>2.2</b>	<b>2.2</b>	<b>2.2</b>
<b>WASHINGTON TOTALS</b>										
		<b>Charter</b>	<b>10.8</b>	<b>9.9</b>	<b>10.1</b>	<b>10.7</b>	<b>0.3</b>	<b>10.7</b>	<b>10.7</b>	<b>10.7</b>
		<b>Private</b>	<b>3.0</b>	<b>2.2</b>	<b>2.5</b>	<b>2.9</b>	<b>0.0</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>
		<b>TOTAL</b>	<b>13.8</b>	<b>12.1</b>	<b>12.6</b>	<b>13.6</b>	<b>0.3</b>	<b>13.6</b>	<b>13.6</b>	<b>13.6</b>

# 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
<b>OREGON</b>														
<b>Astoria-Tillamook</b>														
<b>Charter</b>														
		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
		<b>TOTAL</b>	<b>1.7</b>	<b>1.5</b>	<b>1.6</b>	<b>1.2</b>	<b>0.0</b>	<b>1.5</b>	<b>1.7</b>	<b>1.6</b>	<b>1.7</b>	<b>1.6</b>	<b>1.7</b>	
<b>Private</b>														
		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
		<b>TOTAL</b>	<b>1.4</b>	<b>1.4</b>	<b>1.7</b>	<b>0.7</b>	<b>0.0</b>	<b>1.5</b>	<b>1.8</b>	<b>1.5</b>	<b>1.6</b>	<b>1.8</b>	<b>1.5</b>	
<b>Newport</b>														
<b>Charter</b>														
		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
		<b>TOTAL</b>	<b>4.7</b>	<b>4.7</b>	<b>5.2</b>	<b>4.3</b>	<b>0.2</b>	<b>4.5</b>	<b>5.2</b>	<b>5.0</b>	<b>5.2</b>	<b>5.0</b>	<b>5.2</b>	
<b>Private</b>														
		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
		<b>TOTAL</b>	<b>1.2</b>	<b>1.1</b>	<b>1.5</b>	<b>0.9</b>	<b>0.1</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>	
<b>Coos Bay</b>														
<b>Charter</b>														
		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
		<b>TOTAL</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.0</b>	<b>0.0</b>	<b>1.2</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	
<b>Private</b>														
		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
		<b>TOTAL</b>	<b>1.4</b>	<b>1.1</b>	<b>1.4</b>	<b>0.6</b>	<b>0.0</b>	<b>1.3</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	
<b>Brookings</b>														
<b>Charter</b>														
		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
		<b>TOTAL</b>	<b>0.8</b>	<b>0.7</b>	<b>0.8</b>	<b>0.7</b>	<b>0.0</b>	<b>0.7</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	
<b>Private</b>														
		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
		<b>TOTAL</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>	<b>0.9</b>	<b>0.0</b>	<b>1.2</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	
<b>OREGON TOTALS</b>														
		<b>Charter</b>	<b>8.4</b>	<b>8.0</b>	<b>8.8</b>	<b>7.3</b>	<b>0.3</b>	<b>7.9</b>	<b>9.1</b>	<b>8.7</b>	<b>9.1</b>	<b>9.1</b>	<b>8.7</b>	<b>9.1</b>
		<b>Private</b>	<b>5.3</b>	<b>4.8</b>	<b>5.9</b>	<b>3.1</b>	<b>0.2</b>	<b>5.3</b>	<b>5.6</b>	<b>5.4</b>	<b>5.6</b>	<b>5.6</b>	<b>5.4</b>	<b>5.6</b>
		<b>TOTAL</b>	<b>13.6</b>	<b>12.9</b>	<b>14.7</b>	<b>10.4</b>	<b>0.4</b>	<b>13.2</b>	<b>14.7</b>	<b>14.1</b>	<b>14.7</b>	<b>14.7</b>	<b>14.1</b>	<b>14.7</b>

# 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
<b>CALIFORNIA</b>												
<b>North Coast: Humboldt and Del Norte counties</b>												
<b>Charter</b>												
		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
		<b>TOTAL</b>	<b>0.3</b>	<b>0.5</b>	<b>0.8</b>	<b>0.4</b>	<b>0.0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>0.4</b>
<b>Private</b>												
		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
		<b>TOTAL</b>	<b>2.5</b>	<b>3.3</b>	<b>3.0</b>	<b>1.7</b>	<b>0.0</b>	<b>0.6</b>	<b>1.1</b>	<b>1.3</b>	<b>1.5</b>	<b>1.6</b>
<b>North-Central Coast: Mendocino county</b>												
<b>Charter</b>												
		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
		<b>TOTAL</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
<b>Private</b>												
		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
		<b>TOTAL</b>	<b>1.7</b>	<b>1.2</b>	<b>1.1</b>	<b>1.1</b>	<b>0.0</b>	<b>0.2</b>	<b>0.2</b>	<b>0.4</b>	<b>0.4</b>	<b>0.6</b>
<b>North-Central Coast: San Mateo County through Sonoma County</b>												
<b>Charter</b>												
		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
		<b>TOTAL</b>	<b>4.5</b>	<b>6.9</b>	<b>4.4</b>	<b>5.0</b>	<b>0.0</b>	<b>3.4</b>	<b>4.3</b>	<b>4.3</b>	<b>4.3</b>	<b>4.3</b>
<b>Private</b>												
		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
		<b>TOTAL</b>	<b>5.9</b>	<b>6.1</b>	<b>3.8</b>	<b>4.4</b>	<b>0.0</b>	<b>3.3</b>	<b>4.0</b>	<b>4.0</b>	<b>4.0</b>	<b>4.0</b>

# 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
<b>CALIFORNIA</b>												
<b>South-Central Coast: San Luis Obispo County through Santa Cruz County</b>												
		<b>Charter</b>										
		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
		<b>TOTAL</b>	<b>3.0</b>	<b>3.3</b>	<b>5.2</b>	<b>3.7</b>	<b>0.0</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	<b>3.7</b>
		<b>Private</b>										
		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
		<b>TOTAL</b>	<b>3.5</b>	<b>3.1</b>	<b>3.3</b>	<b>2.7</b>	<b>0.1</b>	<b>2.6</b>	<b>2.6</b>	<b>2.6</b>	<b>2.6</b>	<b>2.7</b>
<b>South Coast: Ventura and Santa Barbara counties</b>												
		<b>Charter</b>										
		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
		<b>TOTAL</b>	<b>3.8</b>	<b>2.6</b>	<b>4.2</b>	<b>3.5</b>	<b>0.0</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>
		<b>Private</b>										
		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
		<b>TOTAL</b>	<b>1.8</b>	<b>1.5</b>	<b>1.7</b>	<b>1.6</b>	<b>0.0</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>
<b>South Coast: San Diego County through Los Angeles County</b>												
		<b>Charter</b>										
		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
		<b>TOTAL</b>	<b>33.7</b>	<b>20.3</b>	<b>24.3</b>	<b>24.7</b>	<b>0.1</b>	<b>24.7</b>	<b>24.7</b>	<b>24.7</b>	<b>24.7</b>	<b>24.7</b>
		<b>Private</b>										
		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
		<b>TOTAL</b>	<b>17.7</b>	<b>19.9</b>	<b>16.7</b>	<b>17.2</b>	<b>0.9</b>	<b>17.2</b>	<b>17.2</b>	<b>17.2</b>	<b>17.2</b>	<b>17.2</b>
<b>CALIFORNIA TOTALS</b>												
		<b>Charter</b>	<b>45.5</b>	<b>33.7</b>	<b>39.2</b>	<b>37.3</b>	<b>0.1</b>	<b>35.1</b>	<b>36.2</b>	<b>36.3</b>	<b>36.3</b>	<b>36.6</b>
		<b>Private</b>	<b>33.0</b>	<b>35.1</b>	<b>29.6</b>	<b>28.8</b>	<b>1.1</b>	<b>25.5</b>	<b>26.7</b>	<b>27.1</b>	<b>27.3</b>	<b>27.9</b>
		<b>TOTAL</b>	<b>78.4</b>	<b>68.8</b>	<b>68.8</b>	<b>66.1</b>	<b>1.1</b>	<b>60.7</b>	<b>62.9</b>	<b>63.3</b>	<b>63.6</b>	<b>64.5</b>

# 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
<b>WASHINGTON</b>							
<b>North Washington Coast</b>							
<b>Charter</b>							
		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
		<b>TOTAL</b>	<b>0.7</b>	<b>-0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Private</b>							
		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
		<b>TOTAL</b>	<b>0.7</b>	<b>-0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>South &amp; Central WA Coast</b>							
<b>Charter</b>							
		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
		<b>TOTAL</b>	<b>10.0</b>	<b>-9.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Private</b>							
		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
		<b>TOTAL</b>	<b>2.2</b>	<b>-2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>WASHINGTON TOTALS</b>							
		<b>Charter</b>	<b>10.7</b>	<b>-10.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>Private</b>	<b>2.9</b>	<b>-2.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>TOTAL</b>	<b>13.6</b>	<b>-13.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>



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
<b>CALIFORNIA</b>										
<b>North Coast: Humboldt and Del Norte counties</b>										
<b>Charter</b>										
		Halibut	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
		<b>TOTAL</b>	<b>0.4</b>	<b>-0.4</b>	<b>-0.3</b>	<b>-0.2</b>	<b>-0.1</b>	<b>-0.1</b>	<b>0.0</b>	<b>-0.1</b>
<b>Private</b>										
		Halibut	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
		<b>TOTAL</b>	<b>1.7</b>	<b>-1.7</b>	<b>-1.1</b>	<b>-0.7</b>	<b>-0.5</b>	<b>-0.3</b>	<b>-0.1</b>	<b>-0.3</b>
<b>North-Central Coast: Mendocino county</b>										
<b>Charter</b>										
		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	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
		<b>TOTAL</b>	<b>0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>
<b>Private</b>										
		Halibut	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
		<b>TOTAL</b>	<b>1.1</b>	<b>-1.1</b>	<b>-0.9</b>	<b>-0.9</b>	<b>-0.7</b>	<b>-0.7</b>	<b>-0.5</b>	<b>-0.2</b>
<b>North-Central Coast: San Mateo County through Sonoma County</b>										
<b>Charter</b>										
		Halibut	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
		<b>TOTAL</b>	<b>5.0</b>	<b>-5.0</b>	<b>-1.6</b>	<b>-0.7</b>	<b>-0.7</b>	<b>-0.7</b>	<b>-0.7</b>	<b>-0.7</b>
<b>Private</b>										
		Halibut	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
		<b>TOTAL</b>	<b>4.4</b>	<b>-4.3</b>	<b>-1.1</b>	<b>-0.4</b>	<b>-0.4</b>	<b>-0.4</b>	<b>-0.4</b>	<b>-0.4</b>

# 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
<b>CALIFORNIA</b>										
<b>South-Central Coast: San Luis Obispo County through Santa Cruz County</b>										
		<b>Charter</b>								
		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
		<b>TOTAL</b>	<b>3.7</b>	<b>-3.7</b>	<b>-0.2</b>	<b>-0.2</b>	<b>-0.2</b>	<b>-0.2</b>	<b>-0.2</b>	<b>0.0</b>
		<b>Private</b>								
		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
		<b>TOTAL</b>	<b>2.7</b>	<b>-2.6</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>0.0</b>
<b>South Coast: Ventura and Santa Barbara counties</b>										
		<b>Charter</b>								
		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
		<b>TOTAL</b>	<b>3.5</b>	<b>-3.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>Private</b>								
		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
		<b>TOTAL</b>	<b>1.6</b>	<b>-1.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>South Coast: San Diego County through Los Angeles County</b>										
		<b>Charter</b>								
		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
		<b>TOTAL</b>	<b>24.7</b>	<b>-24.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>Private</b>								
		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
		<b>TOTAL</b>	<b>17.2</b>	<b>-16.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>CALIFORNIA TOTALS</b>										
		<b>Charter</b>	<b>37</b>	<b>-37</b>	<b>-2</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>
		<b>Private</b>	<b>29</b>	<b>-28</b>	<b>-3</b>	<b>-2</b>	<b>-2</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>
		<b>TOTAL</b>	<b>66</b>	<b>-65</b>	<b>-5</b>	<b>-3</b>	<b>-3</b>	<b>-2</b>	<b>-2</b>	<b>-2</b>