

Table 1. Change in groundfish accounting net revenue impacts by shoreside commercial fishery sector from No Action under the 2015-16 alternatives (\$1,000).

Alternatives:	No Action	2015 PPA	2015 Alt1	2015 Alt2	2016 PPA	2016 Alt1	2016 Alt2
Whiting	9,412	+518	+519	+234	+476	+477	+206
Non-whiting trawl IFQ	6,569	+1,745	+1,974	-274	+1,669	+1,883	-247
Non-whiting non-trawl IFQ	827	+199	+288	-53	+380	+471	+75
Limited entry fixed gear	1,934	+401	+599	-218	+809	+1,015	+171
Open access nearshore	406	+436	+436	+242	+436	+436	+242
Open access non-nearshore	590	+210	+311	-116	+422	+531	+89
TOTAL SHORESIDE SECTOR CHANGE (\$,000)	19,739	+3,509	+4,127	-185	+4,192	+4,812	+536

Table 2. Change in groundfish accounting net revenue impacts by shoreside commercial fishery sector from No Action under the 2015-16 alternatives (percent).

Alternatives:	No Action (\$,000)	2015 PPA	2015 Alt1	2015 Alt2	2016 PPA	2016 Alt1	2016 Alt2
Whiting	9,412	+5.5%	+5.5%	+2.5%	+5.1%	+5.1%	+2.2%
Non-whiting trawl IFQ	6,569	+26.6%	+30.1%	-4.2%	+25.4%	+28.7%	-3.8%
Non-whiting non-trawl IFQ	827	+24.1%	+34.8%	-6.4%	+45.9%	+56.9%	+9.1%
Limited entry fixed gear	1,934	+20.7%	+31.0%	-11.3%	+41.8%	+52.5%	+8.8%
Open access nearshore	406	+107.4%	+107.4%	+59.6%	+107.4%	+107.4%	+59.6%
Open access non-nearshore	590	+35.6%	+52.8%	-19.6%	+71.5%	+89.9%	+15.1%
TOTAL SHORESIDE SECTOR CHANGE (%)	19,739	+17.8%	+20.9%	-0.9%	+21.2%	+24.4%	+2.7%

Table 3. Change in commercial fishery income impacts (from No Action) under the action alternatives by community group (\$1,000).

Community Groups	No Action (\$,000)	2015 PPA	2015 Alt 1	2015 Alt 2	2016 PPA	2016 Alt 1	2016 Alt 2
Puget Sound	2,982	+468	+559	-64	+631	+725	+92
Washington Coast	16,405	+926	+1,144	-84	+1,253	+1,473	+207
Astoria-Tillamook	30,168	+3,210	+3,633	+96	+3,463	+3,876	+268
Newport	22,326	+621	+817	-172	+959	+1,159	+106
Coos Bay-Brookings	11,936	+1,128	+1,550	-494	+1,661	+2,082	-75
Crescent City-Eureka	6,298	+619	+804	-40	+782	+966	+77
Fort Bragg - Bodega Bay	6,338	+761	+1,015	-167	+1,123	+1,381	+138
San Francisco Area	2,813	+237	+299	-53	+277	+337	-16
SC – Mo - MB	7,691	+1,020	+1,301	+18	+1,507	+1,797	+481
SB – LA - SD	6,125	+512	+722	-191	+952	+1,178	+234
Coastwide Total	113,082	+9,503	+11,844	-1,151	+12,607	+14,973	+1,514

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

Table 4. Change in commercial fishery income impacts (from No Action) under the action alternatives by community group (percent).

Community Groups	No Action (\$,000)	2015 PPA	2015 Alt 1	2015 Alt 2	2016 PPA	2016 Alt 1	2016 Alt 2
Puget Sound	2,982	+ 15.7%	+ 18.8%	- 2.1%	+ 21.2%	+ 24.3%	+ 3.1%
Washington Coast	16,405	+ 5.6%	+ 7.0%	- 0.5%	+ 7.6%	+ 9.0%	+ 1.3%
Astoria-Tillamook	30,168	+ 10.6%	+ 12.0%	+ 0.3%	+ 11.5%	+ 12.8%	+ 0.9%
Newport	22,326	+ 2.8%	+ 3.7%	- 0.8%	+ 4.3%	+ 5.2%	+ 0.5%
Coos Bay-Brookings	11,936	+ 9.5%	+ 13.0%	- 4.1%	+ 13.9%	+ 17.4%	- 0.6%
Crescent City-Eureka	6,298	+ 9.8%	+ 12.8%	- 0.6%	+ 12.4%	+ 15.3%	+ 1.2%
Fort Bragg - Bodega Bay	6,338	+ 12.0%	+ 16.0%	- 2.6%	+ 17.7%	+ 21.8%	+ 2.2%
San Francisco Area	2,813	+ 8.4%	+ 10.6%	- 1.9%	+ 9.8%	+ 12.0%	- 0.6%
SC – Mo - MB	7,691	+ 13.3%	+ 16.9%	+ 0.2%	+ 19.6%	+ 23.4%	+ 6.3%
SB – LA - SD	6,125	+ 8.4%	+ 11.8%	- 3.1%	+ 15.5%	+ 19.2%	+ 3.8%
Coastwide Total	113,082	+ 8.4%	+ 10.5%	- 1.0%	+ 11.1%	+ 13.2%	+ 1.3%

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

Table 5. Change in commercial fishery employment impacts (from No Action) under the action alternatives by community group (number of jobs).

Community Groups	No Action	2015 PPA	2015 Alt 1	2015 Alt 2	2016 PPA	2016 Alt 1	2016 Alt 2
Puget Sound	44	+6	+8	-1	+9	+11	+1
Washington Coast	318	+17	+21	-2	+24	+29	+4
Astoria-Tillamook	488	+49	+56	+3	+54	+61	+7
Newport	403	+13	+17	-3	+20	+24	+3
Coos Bay-Brookings	299	+20	+28	-20	+31	+39	-11
Crescent City-Eureka	141	+15	+19	+2	+19	+22	+4
Fort Bragg - Bodega Bay	192	+27	+35	-1	+40	+48	+11
San Francisco Area	67	+6	+7	+0	+6	+8	+1
SC – Mo - MB	303	+54	+62	+21	+69	+77	+35
SB – LA - SD	184	+16	+20	-1	+25	+30	+8
Coastwide Total	2,436	+224	+273	-1	+298	+349	+64

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

Table 6. Change in commercial fishery employment impacts (from No Action) under the action alternatives by community group (percent).

Community Groups	No Action	2015 PPA	2015 Alt 1	2015 Alt 2	2016 PPA	2016 Alt 1	2016 Alt 2
Puget Sound	44	+ 14.3%	+ 17.7%	- 2.7%	+ 20.6%	+ 24.1%	+ 3.2%
Washington Coast	318	+ 5.3%	+ 6.8%	- 0.7%	+ 7.6%	+ 9.1%	+ 1.3%
Astoria-Tillamook	488	+ 10.1%	+ 11.4%	+ 0.6%	+ 11.1%	+ 12.5%	+ 1.4%
Newport	403	+ 3.2%	+ 4.2%	- 0.7%	+ 5.0%	+ 6.1%	+ 0.7%
Coos Bay-Brookings	299	+ 6.9%	+ 9.5%	- 6.6%	+ 10.4%	+ 13.1%	- 3.7%
Crescent City-Eureka	141	+ 10.7%	+ 13.4%	+ 1.1%	+ 13.2%	+ 15.9%	+ 3.0%
Fort Bragg - Bodega Bay	192	+ 14.1%	+ 18.2%	- 0.5%	+ 21.0%	+ 25.3%	+ 5.5%
San Francisco Area	67	+ 8.5%	+ 10.1%	+ 0.5%	+ 9.7%	+ 11.3%	+ 1.7%
SC – Mo - MB	303	+ 18.0%	+ 20.5%	+ 7.0%	+ 22.9%	+ 25.5%	+ 11.6%
SB – LA - SD	184	+ 8.6%	+ 11.0%	- 0.4%	+ 13.6%	+ 16.2%	+ 4.4%
Coastwide Total	2,436	+ 9.2%	+ 11.2%	- 0.1%	+ 12.2%	+ 14.3%	+ 2.6%

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

Table 7. Change in regional unemployment rate for all industries (from No Action) resulting from commercial fishery employment impacts under the action alternatives by community group.

Community Groups	No Action^t	2015 PPA	2015 Alt 1	2015 Alt 2	2016 PPA	2016 Alt 1	2016 Alt 2
Puget Sound	7.552%	-0.000%	-0.000%	+0.000%	-0.000%	-0.000%	-0.000%
Washington Coast	10.553%	-0.006%	-0.007%	+0.001%	-0.008%	-0.010%	-0.001%
Astoria-Tillamook	7.772%	-0.011%	-0.013%	-0.001%	-0.012%	-0.014%	-0.002%
Newport	9.295%	-0.057%	-0.075%	+0.013%	-0.089%	-0.108%	-0.013%
Coos Bay-Brookings	9.551%	-0.008%	-0.011%	+0.008%	-0.012%	-0.015%	+0.004%
Crescent City-Eureka	10.916%	-0.021%	-0.026%	-0.002%	-0.026%	-0.031%	-0.006%
Fort Bragg - Bodega Bay	7.960%	-0.006%	-0.008%	+0.000%	-0.009%	-0.011%	-0.002%
San Francisco Area	8.698%	-0.000%	-0.000%	-0.000%	-0.000%	-0.000%	-0.000%
SC – Mo - MB	10.394%	-0.010%	-0.012%	-0.004%	-0.013%	-0.015%	-0.007%
SB – LA - SD	9.968%	-0.000%	-0.000%	+0.000%	-0.000%	-0.000%	-0.000%
Coastwide Total	9.324%	-0.001%	-0.002%	+0.000%	-0.002%	-0.002%	-0.000%

^t Based on 2012 county labor force and employment statistics from the Bureau of Labor Statistics <http://www.bls.gov/data/>
 SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

Table 8. Change in recreational fishery income impacts (from No Action) by community group (\$1,000).

Community Groups	No Action (\$,000)	PPA Op1	PPA Op2	Alt1 Op1	Alt1 Op2	Alt2 Op1	Alt2 _Op2	Op3 (All Alts)
Puget Sound	-	-	-	-	-	-	-	-
Washington Coast	5,606	-	-	-	-	-	-	-
Astoria-Tillamook	1,023	-	-	-	-	-	-	-
Newport	4,722	-	-	-	-	-	-	-
Coos Bay-Brookings	2,465	-	-	-	-	-	-	-
Crescent City-Eureka	1,498	+327	+200	+327	+200	+73	+73	-452
Fort Bragg - Bodega Bay	714	+335	+262	+335	+262	+189	+189	-112
San Francisco Area	8,034	+1,428	+1,073	+1,428	+1,073	+718	+718	-5,045
SC – Mo – MB*	10,711	+870	+435	+870	+435	-2,645	-2,645	-6,212
SB – LA – SD*	110,778	-	-	-	-	-	-	-61,813
Coastwide Total	145,552	+2,960	+1,969	+2,960	+1,969	-1,666	-1,666	-73,635

Table 9. Change in recreational fishery income impacts (from No Action) by community group (percent).

Community Groups	No Action (\$,000)	PPA Op1	PPA Op2	Alt1 Op1	Alt1 Op2	Alt2 Op1	Alt2 _Op2	Op3 (All Alts)
Puget Sound	-	-	-	-	-	-	-	-
Washington Coast	5,606	-	-	-	-	-	-	-
Astoria-Tillamook	1,023	-	-	-	-	-	-	-
Newport	4,722	-	-	-	-	-	-	-
Coos Bay-Brookings	2,465	-	-	-	-	-	-	-
Crescent City-Eureka	1,498	+21.8%	+13.3%	+21.8%	+13.3%	+4.8%	+4.8%	-30.2%
Fort Bragg - Bodega Bay	714	+46.9%	+36.6%	+46.9%	+36.6%	+26.4%	+26.4%	-15.7%
San Francisco Area	8,034	+17.8%	+13.4%	+17.8%	+13.4%	+8.9%	+8.9%	-62.8%
SC – Mo – MB*	10,711	+8.1%	+4.1%	+8.1%	+4.1%	-24.7%	-24.7%	-58.0%
SB – LA – SD*	110,778	-	-	-	-	-	-	-55.8%
Coastwide Total	145,552	+2.0%	+1.4%	+2.0%	+1.4%	-1.1%	-1.1%	-50.6%

*SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

Table 10. Change in recreational fishery employment impacts (from No Action) by community group (number of jobs).

Community Groups	No Action	PPA Op1	PPA Op2	Alt1 Op1	Alt1 Op2	Alt2 Op1	Alt2 _Op2	Op3 (All Alts)
Puget Sound	-	-	-	-	-	-	-	-
Washington Coast	155	-	-	-	-	-	-	-
Astoria-Tillamook	32	-	-	-	-	-	-	-
Newport	139	-	-	-	-	-	-	-
Coos Bay-Brookings	68	-	-	-	-	-	-	-
Crescent City-Eureka	33	+7	+4	+7	+4	+2	+2	-10
Fort Bragg - Bodega Bay	14	+6	+5	+6	+5	+4	+4	-2
San Francisco Area	148	+26	+20	+26	+20	+13	+13	-93
SC – Mo – MB*	216	+18	+9	+18	+9	-53	-53	-125
SB – LA – SD*	2,146	-	-	-	-	-	-	-1,198
Coastwide Total	2,952	+57	+38	+57	+38	-35	-35	-1,428

Table 11. Change in recreational fishery employment impacts (from No Action) by community group (percent).

Community Groups	No Action (jobs)	PPA Op1	PPA Op2	Alt1 Op1	Alt1 Op2	Alt2 Op1	Alt2 _Op2	Op3 (All Alts)
Puget Sound	-	-	-	-	-	-	-	-
Washington Coast	155	-	-	-	-	-	-	-
Astoria-Tillamook	32	-	-	-	-	-	-	-
Newport	139	-	-	-	-	-	-	-
Coos Bay-Brookings	68	-	-	-	-	-	-	-
Crescent City-Eureka	33	+21.8%	+13.3%	+21.8%	+13.3%	+4.8%	+4.8%	-30.2%
Fort Bragg - Bodega Bay	14	+46.9%	+36.6%	+46.9%	+36.6%	+26.4%	+26.4%	-15.7%
San Francisco Area	148	+17.8%	+13.4%	+17.8%	+13.4%	+8.9%	+8.9%	-62.8%
SC – Mo – MB*	216	+8.1%	+4.1%	+8.1%	+4.1%	-24.7%	-24.7%	-58.0%
SB – LA – SD*	2,146	-	-	-	-	-	-	-55.8%
Coastwide Total	2,952	+1.9%	+1.3%	+1.9%	+1.3%	-1.2%	-1.2%	-48.4%

*SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

Table 12. Change in combined commercial plus recreational fishery income impacts (from No Action) by community group in 2015 (\$1,000)t.

Community Groups	No Action (\$,000)	PPA Op1	PPA Op2	PPA Op3	Alt1 Op1	Alt1 Op2	Alt1 Op3	Alt2 Op1	Alt2 _Op2	Alt2 _Op3
Puget Sound	2,982	+468	+468	+468	+559	+559	+559	-64	-64	-64
Washington Coast	22,011	+926	+926	+926	+1,144	+1,144	+1,144	-84	-84	-84
Astoria-Tillamook	31,191	+3,210	+3,210	+3,210	+3,633	+3,633	+3,633	+96	+96	+96
Newport	27,049	+621	+621	+621	+817	+817	+817	-172	-172	-172
Coos Bay-Brookings	14,401	+1,128	+1,128	+1,128	+1,550	+1,550	+1,550	-494	-494	-494
Crescent City-Eureka	7,796	+946	+818	+167	+1,131	+1,004	+352	+32	+32	-492
Fort Bragg - Bodega Bay	7,052	+1,096	+1,023	+649	+1,350	+1,277	+903	+22	+22	-279
San Francisco Area	10,848	+1,666	+1,310	-4,808	+1,728	+1,372	-4,746	+665	+665	-5,098
SC – Mo - MB	18,402	+1,890	+1,455	-5,192	+2,171	+1,736	-4,911	-2,627	-2,627	-6,194
SB – LA - SD	116,903	+512	+512	-61,301	+722	+722	-61,091	-191	-191	-62,005
Coastwide Total	258,635	+12,463	+11,473	-64,132	+14,804	+13,814	-61,791	-2,817	-2,817	-74,786

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

t Although strictly speaking, the two measures are not directly additive due to the slightly different estimation procedures used, combined income impacts generated by commercial and recreational fishing activities are displayed here in order to facilitate comparison of the alternatives.

Table 13. Change in combined commercial plus recreational fishery income impacts (from No Action) by community group in 2015 (percent)t.

Community Groups	No Action (\$,000)	PPA Op1	PPA Op2	PPA Op3	Alt1 Op1	Alt1 Op2	Alt1 Op3	Alt2 Op1	Alt2 _Op2	Alt2 _Op3
Puget Sound	2,982	+15.7%	+15.7%	+15.7%	+18.8%	+18.8%	+18.8%	-2.1%	-2.1%	-2.1%
Washington Coast	22,011	+4.2%	+4.2%	+4.2%	+5.2%	+5.2%	+5.2%	-0.4%	-0.4%	-0.4%
Astoria-Tillamook	31,191	+10.3%	+10.3%	+10.3%	+11.6%	+11.6%	+11.6%	+0.3%	+0.3%	+0.3%
Newport	27,049	+2.3%	+2.3%	+2.3%	+3.0%	+3.0%	+3.0%	-0.6%	-0.6%	-0.6%
Coos Bay-Brookings	14,401	+7.8%	+7.8%	+7.8%	+10.8%	+10.8%	+10.8%	-3.4%	-3.4%	-3.4%
Crescent City-Eureka	7,796	+12.1%	+10.5%	+2.1%	+14.5%	+12.9%	+4.5%	+0.4%	+0.4%	-6.3%
Fort Bragg - Bodega Bay	7,052	+15.5%	+14.5%	+9.2%	+19.1%	+18.1%	+12.8%	+0.3%	+0.3%	-4.0%
San Francisco Area	10,848	+15.4%	+12.1%	-44.3%	+15.9%	+12.7%	-43.8%	+6.1%	+6.1%	-47.0%
SC – Mo - MB	18,402	+10.3%	+7.9%	-28.2%	+11.8%	+9.4%	-26.7%	-14.3%	-14.3%	-33.7%
SB – LA - SD	116,903	+0.4%	+0.4%	-52.4%	+0.6%	+0.6%	-52.3%	-0.2%	-0.2%	-53.0%
Coastwide Total	258,635	+4.8%	+4.4%	-24.8%	+5.7%	+5.3%	-23.9%	-1.1%	-1.1%	-28.9%

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

t Although strictly speaking, the two measures are not directly additive due to the slightly different estimation procedures used, combined income impacts generated by commercial and recreational fishing activities are displayed here in order to facilitate comparison of the alternatives.

Table 14. Change in combined commercial plus recreational fishery income impacts (from No Action) by community group in 2016 (\$1,000)t.

Community Groups	No Action (\$,000)	PPA Op1	PPA Op2	PPA Op3	Alt1 Op1	Alt1 Op2	Alt1 Op3	Alt2 Op1	Alt2 _Op2	Alt2 _Op3
Puget Sound	2,982	+631	+631	+631	+725	+725	+725	+92	+92	+92
Washington Coast	22,011	+1,253	+1,253	+1,253	+1,473	+1,473	+1,473	+207	+207	+207
Astoria-Tillamook	31,191	+3,463	+3,463	+3,463	+3,876	+3,876	+3,876	+268	+268	+268
Newport	27,049	+959	+959	+959	+1,159	+1,159	+1,159	+106	+106	+106
Coos Bay-Brookings	14,401	+1,661	+1,661	+1,661	+2,082	+2,082	+2,082	-75	-75	-75
Crescent City-Eureka	7,796	+1,109	+982	+330	+1,293	+1,166	+514	+150	+150	-375
Fort Bragg - Bodega Bay	7,052	+1,457	+1,384	+1,010	+1,715	+1,642	+1,268	+327	+327	+26
San Francisco Area	10,848	+1,705	+1,350	-4,769	+1,765	+1,410	-4,709	+702	+702	-5,061
SC – Mo - MB	18,402	+2,376	+1,942	-4,705	+2,667	+2,232	-4,415	-2,164	-2,164	-5,731
SB – LA - SD	116,903	+952	+952	-60,861	+1,178	+1,178	-60,636	+234	+234	-61,579
Coastwide Total	258,635	+15,567	+14,577	-61,028	+17,933	+16,942	-58,662	-152	-152	-72,121

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

t Although strictly speaking, the two measures are not directly additive due to the slightly different estimation procedures used, combined income impacts generated by commercial and recreational fishing activities are displayed here in order to facilitate comparison of the alternatives.

Table 15. Change in combined commercial plus recreational fishery income impacts (from No Action) by community group in 2016 (percent)t.

Community Groups	No Action (\$,000)	PPA Op1	PPA Op2	PPA Op3	Alt1 Op1	Alt1 Op2	Alt1 Op3	Alt2 Op1	Alt2 _Op2	Alt2 _Op3
Puget Sound	2,982	+21.2%	+21.2%	+21.2%	+24.3%	+24.3%	+24.3%	+3.1%	+3.1%	+3.1%
Washington Coast	22,011	+5.7%	+5.7%	+5.7%	+6.7%	+6.7%	+6.7%	+0.9%	+0.9%	+0.9%
Astoria-Tillamook	31,191	+11.1%	+11.1%	+11.1%	+12.4%	+12.4%	+12.4%	+0.9%	+0.9%	+0.9%
Newport	27,049	+3.5%	+3.5%	+3.5%	+4.3%	+4.3%	+4.3%	+0.4%	+0.4%	+0.4%
Coos Bay-Brookings	14,401	+11.5%	+11.5%	+11.5%	+14.5%	+14.5%	+14.5%	-0.5%	-0.5%	-0.5%
Crescent City-Eureka	7,796	+14.2%	+12.6%	+4.2%	+16.6%	+14.9%	+6.6%	+1.9%	+1.9%	-4.8%
Fort Bragg - Bodega Bay	7,052	+20.7%	+19.6%	+14.3%	+24.3%	+23.3%	+18.0%	+4.6%	+4.6%	+0.4%
San Francisco Area	10,848	+15.7%	+12.4%	-44.0%	+16.3%	+13.0%	-43.4%	+6.5%	+6.5%	-46.7%
SC – Mo - MB	18,402	+12.9%	+10.6%	-25.6%	+14.5%	+12.1%	-24.0%	-11.8%	-11.8%	-31.1%
SB – LA - SD	116,903	+0.8%	+0.8%	-52.1%	+1.0%	+1.0%	-51.9%	+0.2%	+0.2%	-52.7%
Coastwide Total	258,635	+6.0%	+5.6%	-23.6%	+6.9%	+6.6%	-22.7%	-0.1%	-0.1%	-27.9%

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

t Although strictly speaking, the two measures are not directly additive due to the slightly different estimation procedures used, combined income impacts generated by commercial and recreational fishing activities are displayed here in order to facilitate comparison of the alternatives.

Table 16. Change in combined commercial plus recreational fishery employment impacts (from No Action) by community group in 2015 (number of jobs)t.

Community Groups	No Action	PPA Op1	PPA Op2	PPA Op3	Alt1 Op1	Alt1 Op2	Alt1 Op3	Alt2 Op1	Alt2 _Op2	Alt2 _Op3
Puget Sound	44	+6	+6	+6	+8	+8	+8	-1	-1	-1
Washington Coast	473	+17	+17	+17	+21	+21	+21	-2	-2	-2
Astoria-Tillamook	520	+49	+49	+49	+56	+56	+56	+3	+3	+3
Newport	541	+13	+13	+13	+17	+17	+17	-3	-3	-3
Coos Bay-Brookings	367	+20	+20	+20	+28	+28	+28	-20	-20	-20
Crescent City-Eureka	173	+22	+19	+5	+26	+23	+9	+3	+3	-8
Fort Bragg - Bodega Bay	205	+33	+32	+25	+41	+40	+33	+3	+3	-3
San Francisco Area	215	+32	+25	-88	+33	+27	-86	+14	+14	-93
SC – Mo - MB	519	+72	+63	-71	+80	+71	-63	-32	-32	-104
SB – LA - SD	2,330	+16	+16	-1,182	+20	+20	-1,177	-1	-1	-1,198
Coastwide Total	5,388	+281	+262	-1,205	+331	+311	-1,155	-36	-36	-1,430

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

t Although strictly speaking, the two measures are not directly additive due to the slightly different estimation procedures used, combined impacts generated by commercial and recreational fishing activities are displayed here in order to facilitate comparison of the alternatives.

Table 17. Change in combined commercial plus recreational fishery employment impacts (from No Action) by community group in 2015 (percent)t.

Community Groups	No Action (jobs)	PPA Op1	PPA Op2	PPA Op3	Alt1 Op1	Alt1 Op2	Alt1 Op3	Alt2 Op1	Alt2 _Op2	Alt2 _Op3
Puget Sound	44	+14.3%	+14.3%	+14.3%	+17.7%	+17.7%	+17.7%	-2.7%	-2.7%	-2.7%
Washington Coast	473	+3.6%	+3.6%	+3.6%	+4.5%	+4.5%	+4.5%	-0.5%	-0.5%	-0.5%
Astoria-Tillamook	520	+9.4%	+9.4%	+9.4%	+10.7%	+10.7%	+10.7%	+0.6%	+0.6%	+0.6%
Newport	541	+2.4%	+2.4%	+2.4%	+3.1%	+3.1%	+3.1%	-0.5%	-0.5%	-0.5%
Coos Bay-Brookings	367	+5.6%	+5.6%	+5.6%	+7.7%	+7.7%	+7.7%	-5.3%	-5.3%	-5.3%
Crescent City-Eureka	173	+12.8%	+11.2%	+3.0%	+15.0%	+13.4%	+5.2%	+1.8%	+1.8%	-4.8%
Fort Bragg - Bodega Bay	205	+16.2%	+15.6%	+12.1%	+20.1%	+19.4%	+15.9%	+1.3%	+1.3%	-1.5%
San Francisco Area	215	+14.9%	+11.8%	-40.7%	+15.4%	+12.4%	-40.2%	+6.3%	+6.3%	-43.2%
SC – Mo - MB	519	+13.9%	+12.2%	-13.7%	+15.4%	+13.7%	-12.2%	-6.2%	-6.2%	-20.1%
SB – LA - SD	2,330	+0.7%	+0.7%	-50.7%	+0.9%	+0.9%	-50.5%	-0.0%	-0.0%	-51.4%
Coastwide Total	5,388	+5.2%	+4.9%	-22.4%	+6.1%	+5.8%	-21.4%	-0.7%	-0.7%	-26.5%

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

t Although strictly speaking, the two measures are not directly additive due to the slightly different estimation procedures used, combined impacts generated by commercial and recreational fishing activities are displayed here in order to facilitate comparison of the alternatives.

Table 18. Change in combined commercial plus recreational fishery employment impacts (from No Action) by community group in 2016 (number of jobs)t.

Community Groups	No Action	PPA Op1	PPA Op2	PPA Op3	Alt1 Op1	Alt1 Op2	Alt1 Op3	Alt2 Op1	Alt2 _Op2	Alt2 _Op3
Puget Sound	44	+9	+9	+9	+11	+11	+11	+1	+1	+1
Washington Coast	473	+24	+24	+24	+29	+29	+29	+4	+4	+4
Astoria-Tillamook	520	+54	+54	+54	+61	+61	+61	+7	+7	+7
Newport	541	+20	+20	+20	+24	+24	+24	+3	+3	+3
Coos Bay-Brookings	367	+31	+31	+31	+39	+39	+39	-11	-11	-11
Crescent City-Eureka	173	+26	+23	+9	+29	+27	+12	+6	+6	-6
Fort Bragg - Bodega Bay	205	+47	+45	+38	+55	+53	+46	+14	+14	+8
San Francisco Area	215	+33	+26	-87	+34	+27	-86	+14	+14	-92
SC – Mo - MB	519	+87	+78	-56	+95	+86	-48	-18	-18	-90
SB – LA - SD	2,330	+25	+25	-1,173	+30	+30	-1,168	+8	+8	-1,190
Coastwide Total	5,388	+356	+336	-1,130	+406	+387	-1,079	+29	+29	-1,365

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

t Although strictly speaking, the two measures are not directly additive due to the slightly different estimation procedures used, combined impacts generated by commercial and recreational fishing activities are displayed here in order to facilitate comparison of the alternatives.

Table 19. Change in combined commercial plus recreational fishery employment impacts (from No Action) by community group in 2016 (percent)t.

Community Groups	No Action (jobs)	PPA Op1	PPA Op2	PPA Op3	Alt1 Op1	Alt1 Op2	Alt1 Op3	Alt2 Op1	Alt2 _Op2	Alt2 _Op3
Puget Sound	44	+20.6%	+20.6%	+20.6%	+24.1%	+24.1%	+24.1%	+3.2%	+3.2%	+3.2%
Washington Coast	473	+5.1%	+5.1%	+5.1%	+6.1%	+6.1%	+6.1%	+0.9%	+0.9%	+0.9%
Astoria-Tillamook	520	+10.4%	+10.4%	+10.4%	+11.7%	+11.7%	+11.7%	+1.3%	+1.3%	+1.3%
Newport	541	+3.7%	+3.7%	+3.7%	+4.5%	+4.5%	+4.5%	+0.5%	+0.5%	+0.5%
Coos Bay-Brookings	367	+8.5%	+8.5%	+8.5%	+10.6%	+10.6%	+10.6%	-3.0%	-3.0%	-3.0%
Crescent City-Eureka	173	+14.8%	+13.2%	+5.1%	+17.0%	+15.4%	+7.2%	+3.4%	+3.4%	-3.2%
Fort Bragg - Bodega Bay	205	+22.7%	+22.0%	+18.6%	+26.7%	+26.0%	+22.5%	+6.9%	+6.9%	+4.1%
San Francisco Area	215	+15.3%	+12.2%	-40.3%	+15.8%	+12.7%	-39.8%	+6.7%	+6.7%	-42.8%
SC – Mo - MB	519	+16.7%	+15.0%	-10.8%	+18.3%	+16.6%	-9.3%	-3.5%	-3.5%	-17.4%
SB – LA - SD	2,330	+1.1%	+1.1%	-50.3%	+1.3%	+1.3%	-50.1%	+0.4%	+0.4%	-51.0%
Coastwide Total	5,388	+6.6%	+6.2%	-21.0%	+7.5%	+7.2%	-20.0%	+0.5%	+0.5%	-25.3%

Note: SC- Mo –MB: Santa Cruz - Monterey - Morro Bay; SB – LA – SD: Santa Barbara - Los Angeles - San Diego.

t Although strictly speaking, the two measures are not directly additive due to the slightly different estimation procedures used, combined impacts generated by commercial and recreational fishing activities are displayed here in order to facilitate comparison of the alternatives.