

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2011 ocean salmon fishery management Alternatives adopted by the Council. (Page 1 of 2)

Area and Fishery	2011 Catch Projection			2011 Bycatch Mortality ^{a/} Projection			2011 Bycatch Projection ^{b/}			Observed in 2010	
	I	II	III	I	II	III	I	II	III	Catch	Bycatch Mortality
OCEAN FISHERIES^{c/}: CHINOOK (thousands of fish)											
NORTH OF CAPE FALCON											
Treaty Indian Ocean Troll	55.0	45.0	35.0	7.0	7.2	4.4	19.4	16.2	12.2	35.3	4.5
Non-Indian Commercial Troll	45.0	35.0	25.0	10.1	8.2	5.9	33.0	21.3	19.3	46.9	8.6
Recreational	52.0	42.0	32.0	6.8	5.8	4.5	32.7	19.7	22.2	38.7	4.6
CAPE FALCON TO HUMBUG MT.											
Commercial Troll	105.5	100.6	95.0	14.0	13.4	12.6	34.9	33.3	31.5	27.4	5.3
Recreational	12.1	10.3	4.9	1.2	1.0	0.5	2.1	1.8	0.8	2.3	0.3
HUMBUG MT. TO HORSE MT.											
Commercial Troll	13.8	6.3	4.1	1.8	0.8	0.5	4.6	2.1	1.4	0.9	0.5 ^{d/}
Recreational	31.6	29.6	28.4	3.1	2.9	2.8	9.8	9.2	8.8	1.5	0.1 ^{e/}
SOUTH OF HORSE MT.											
Commercial	204.9	204.9	200.0	27.2	27.3	26.6	67.8	67.8	66.2	15.1	2.7 ^{e/}
Recreational	104.1	101.5	98.8	10.1	9.8	9.6	28.2	27.5	26.8	14.0	1.4 ^{e/}
TOTAL OCEAN FISHERIES											
Commercial Troll	424.1	391.8	359.1	60.2	56.9	50.1	159.7	140.8	130.6	125.6	21.6
Recreational	199.9	183.4	164.1	21.2	19.6	17.3	72.9	58.2	58.7	56.5	6.3
INSIDE FISHERIES:											
Area 4B	-	-	-	-	-	NA	-	-	NA	-	-
Buoy 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8	NA

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2011 ocean salmon fishery management Alternatives adopted by the Council. (Page 2 of 2)

Area and Fishery	2011 Catch Projection			2011 Bycatch Mortality ^{a/} Projection			2011 Bycatch Projection ^{b/}			Observed in 2010	
	I	II	III	I	II	III	I	II	III	Catch	Bycatch Mortality
COHO (thousands of fish)											
NORTH OF CAPE FALCON											
Treaty Indian Ocean Troll ^{f/}	50.0	42.0	30.0	3.6	3.0	2.2	6.5	5.4	4.1	11.5	0.9
Non-Indian Commercial Troll ^{f/}	15.2	12.8	11.2	12.3	9.4	8.3	41.8	31.5	29.7	8.2	7.7
Recreational	79.8	67.2	54.6	19.9	16.7	12.0	90.0	76.0	51.8	42.4	10.6 ^{g/}
SOUTH OF CAPE FALCON											
Commercial Troll	-	-	-	10.2	8.7	8.2	39.2	33.4	31.7	0.0	8.2 ^{d/}
Recreational ^{f/}	21.5	18.0	10.5	14.8	14.0	9.8	69.9	69.9	51.5	12.2	6.3
TOTAL OCEAN FISHERIES											
Commercial Troll	65.2	54.8	41.2	26.1	21.1	18.7	87.5	70.3	65.5	19.7	16.7
Recreational	101.3	85.2	65.1	34.7	30.7	21.8	159.9	145.9	103.3	54.6	16.9
INSIDE FISHERIES:											
Area 4B ^{f/}	-	-	4.0	-	-	1.6	-	-	7.6	-	-
Buoy 10	10.0	15.0	20.0	1.2	1.1	1.3	4.5	4.3	4.7	8.0	1.4

a/ The bycatch mortality reported in this table consists of drop-off mortality (includes predation on hooked fish) plus hook-and-release mortality of Chinook and coho salmon in Council-area fisheries. Drop-off mortality for both chinook and coho is assumed to be equal to 5% of total encounters. The hook-and-release mortality (HRM) rates used for both chinook and coho are:

Commercial: 26%.

Recreational, north of Pt. Arena: 14%.

Recreational, south of Pt. Arena: 16% (based on the expected proportion of fish that will be caught using mooching versus trolling gear, and the HRMs of 42.2% and 14% for these two respective gear types).

b/ Bycatch calculated as dropoff mortality plus fish released.

c/ Includes Oregon territorial water, late season Chinook fisheries.

d/ Oregon estimates based on reported salmon released and estimated mortalities in non-retention fisheries.

e/ Based on reported released Chinook.

f/ Includes fisheries that allow retention of all legal sized coho.

g/ Calculated from observed mark rates where available; where unavailable, anticipated mark rates were used.