

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2010 ocean salmon fishery management options adopted by the Council. (Page 1 of 2)

Area and Fishery	2010 Catch Projection			2010 Bycatch Mortality ^{a/} Projection			2010 Bycatch Projection ^{b/}			Observed in 2009	
	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	7.4	5.9	4.6	20.8	16.8	12.9	12.4	2.5
Non-Indian Commercial Troll	55.0	47.5	40.0	10.1	9.3	7.8	31.7	29.6	24.7	13.0	3.9
Recreational ^{d/}	66.0	47.5	40.0	8.5	4.5	3.8	40.2	17.6	14.7	13.3	1.6
CAPE FALCON TO HUMBUG MT.											
Commercial Troll	60.4	52.4	49.0	11.8	10.2	9.5	32.1	27.8	26.0	0.4	2.1
Recreational	6.3	5.9	5.8	0.7	0.6	0.6	2.2	2.1	2.1	0.4	0.9
HUMBUG MT. TO HORSE MT.											
Commercial Troll	11.3	5.6	1.5	2.2	1.1	1.2	6.0	3.0	3.1	0.0	0.0
Recreational	19.5	16.3	13.7	2.0	1.7	1.4	6.9	5.8	4.8	0.9	0.5 ^{e/}
SOUTH OF HORSE MT.											
Commercial	106.3	65.0	0.0	20.5	12.5	1.8	56.8	34.7	6.0	-	-
Recreational	41.4	31.9	0.0	4.3	3.4	0.0	13.6	10.6	0.0	-	-
TOTAL OCEAN FISHERIES											
Commercial Troll	288.0	215.5	125.5	52.0	39.1	24.9	147.4	111.8	72.7	25.8	8.5
Recreational	133.2	101.6	59.5	15.5	10.2	5.8	62.9	36.1	21.6	14.6	3.0
INSIDE FISHERIES:											
Area 4B	-	-	-	-	-	NA	-	-	NA	-	-
Buoy 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9	NA

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2010 ocean salmon fishery management options adopted by the Council. (Page 2 of 2)

Area and Fishery	2010 Catch Projection			2010 Bycatch Mortality ^{a/} Projection			2010 Bycatch Projection ^{b/}			Observed in 2009	
	I	II	III	I	II	III	I	II	III	Catch	Bycatch Mortality
COHO (thousands of fish)											
NORTH OF CAPE FALCON											
Treaty Indian Ocean Troll	50.0	40.0	30.0	3.5	2.9	2.2	6.5	5.3	4.1	60.1	3.7 ^{g/}
Non-Indian Commercial Troll ^{f/}	17.6	14.4	11.2	12.8	10.1	8.2	43.8	34.3	28.0	32.7	10.8 ^{g/}
Recreational ^{f/}	92.4	75.6	58.8	19.1	14.5	10.8	84.0	61.2	44.4	157.9	24.5 ^{g/}
SOUTH OF CAPE FALCON											
Commercial Troll	-	-	-	9.7	7.3	6.1	37.2	28.1	23.5	9.3	0.6 ^{g/}
Recreational ^{f/}	35.0	30.0	25.0	16.7	13.8	9.2	76.4	62.7	41.8	70.2	28.1 ^{g/}
TOTAL OCEAN FISHERIES											
Commercial Troll	67.6	54.4	41.2	26.0	20.3	16.5	87.5	67.7	55.6	102.1	15.0 ^{g/}
Recreational	127.4	105.6	83.8	35.8	28.3	20.0	160.4	123.9	86.2	228.1	52.6 ^{g/}
INSIDE FISHERIES:											
Area 4B ^{f/}	-	-	4.0	-	-	1.0	-	-	4.5	-	-
Buoy 10 ^{f/}	10.0	15.0	20.0	1.8	2.7	3.4	6.9	9.8	12.6	48.1	8.2 ^{g/}

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/ Includes one or more selective fishery options that allow only retention of Chinook marked with a healed adipose fin clip.

e/ Based on reported released Chinook.

f/ Includes one or more selective fishery options that allow only retention of coho marked with a healed adipose fin clip.

g/ Based on preliminary post-season model run incorporating final ocean catches and updated Columbia river run sizes.