

TABLE 6. Preliminary projections of Chinook and coho harvest impacts for 2007 ocean salmon fishery management options adopted by the Council. (Page 1 of 2)

Area and Fishery	2007 Catch Projection			2007 Bycatch Mortality ^{a/} Projection			2007 Bycatch Projection ^{b/}			Observed in 2006	
	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	35.0	30.0	20.0	5.7	5.0	3.7	12.9	11.6	9.0	30.0	4.0 ^{d/}
Non-Indian Commercial Troll	17.9	16.3	13.0	6.3	5.7	4.6	17.8	16.2	12.9	27.3	11.9 ^{d/}
Recreational	17.9	16.3	11.2	2.5	2.2	2.3	8.2	7.5	9.0	11.2	1.5
CAPE FALCON TO HUMBUG MT.											
Commercial Troll	190.9	181.2	196.9	34.2	32.4	35.3	93.1	88.4	96.0	23.7	3.0
Recreational	17.0	14.2	6.5	2.1	1.8	0.8	7.9	6.5	3.0	9.3	1.4
HUMBUG MT. TO HORSE MT.											
Commercial Troll	11.7	12.2	14.0	2.1	2.2	2.5	5.7	5.9	6.8	0.7	0.1 ^{d/}
Recreational	30.7	26.8	24.2	3.8	3.4	3.0	14.2	12.5	11.2	18.0	2.3 ^{d/}
SOUTH OF HORSE MT.											
Commercial	156.6	170.6	163.3	28.0	30.5	29.2	76.2	83.1	79.5	68.8	12.3 ^{d/}
Recreational	75.5	75.5	75.5	9.4	9.4	9.4	30.5	30.5	30.5	73.3	9.2 ^{d/}
TOTAL OCEAN FISHERIES											
Commercial Troll	412.1	410.3	407.2	76.3	75.9	75.3	205.7	205.1	204.1	150.5	31.4
Recreational	141.1	132.8	117.4	17.8	16.8	15.5	60.8	57.0	53.7	111.8	14.4
INSIDE FISHERIES:											
Buoy 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7	NA

TABLE 6. Preliminary projections of chinook and coho harvest impacts for 2007 ocean salmon fishery management options adopted by the Council. (Page 2 of 2)

Area and Fishery	2007 Catch Projection			2007 Bycatch Mortality ^{a/} Projection			2007 Bycatch Projection ^{b/}			Observed in 2006	
	I	II	III	I	II	III	I	II	III	Catch	Bycatch Mortality
COHO (thousands of fish)											
NORTH OF CAPE FALCON											
Treaty Indian Ocean Troll	38.0	30.0	20.0	2.5	2.0	1.3	8.0	6.5	4.3	31.7	2.2
Non-Indian Commercial Troll ^{e/}	22.4	19.2	12.8	8.6	7.4	5.0	27.7	23.7	16.1	2.7	2.4
Recreational ^{e/}	117.6	100.8	67.2	20.8	17.6	11.9	109.5	92.6	62.5	41.5	8.3
SOUTH OF CAPE FALCON											
Commercial Troll	-	-	10.0	14.3	13.6	11.6	46.2	43.7	37.3	-	-
Recreational ^{e/}	50.0	40.0	15.0	20.4	17.6	7.8	107.4	92.4	40.9	11.6	6.5
TOTAL OCEAN FISHERIES											
Commercial Troll	60	49	43	25	23	18	82	74	58	34,400	4,600
Recreational	168	141	82	41	35	20	217	185	103	53,100	14,800
INSIDE FISHERIES:											
Area 4B ^{e/}	-	-	3.0	-	-	0.7	-	-	3.5	-	-
Buoy 10 ^{e/}	12.0	14.9	17.5	2.1	2.5	2.8	11.1	13.4	14.5	3.7	0.1

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: 23% (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/ Based on observed sublegal encounter rates.

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