

TABLE 6. Preliminary projections of chinook and coho **harvest impacts** adopted by the Council for ocean salmon fishery management options, 2005. (Page 1 of 2)

Area and Fishery	2005 Catch Projection				2005 Bycatch Mortality ^{a/} Projection				2005 Bycatch Projection ^{b/}				Observed in 2004	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	Catch	Bycatch Mortality
OCEAN FISHERIES:^{c/}														
CHINOOK														
NORTH OF CAPE FALCON														
Treaty Indian Commercial Troll	60.0	40.0	24.0	24.0	10.0	6.6	4.0	4.0	23.0	15.2	9.1	9.1	49.2	8.1
Non-Indian Commercial Troll	45.0	37.5	30.0	30.0	13.9	11.6	9.1	9.1	38.1	31.7	24.8	24.8	40.4	11.3
Recreational	45.0	37.5	30.0	30.0	5.9	6.8	5.8	5.8	19.3	26.1	22.6	22.6	26.6	5.3
CAPE FALCON TO HUMBUG MT.														
Commercial Troll	144.5	157.3	157.3	157.3	15.9	17.3	17.3	17.3	36.6	39.8	39.8	39.8	240.0	26.4
Recreational	17.0	15.4	15.4	15.4	1.5	1.4	1.4	1.4	4.6	4.2	4.2	4.2	47.4	4.3
HUMBUG MT. TO HORSE MT.														
Commercial Troll	9.7	9.7	3.7	9.7	1.5	1.5	0.6	1.5	3.8	3.8	1.4	3.8	39.9	6.0 ^{d/}
Recreational	21.0	21.0	18.8	22.4	2.9	2.9	2.6	3.1	11.5	11.5	10.3	12.3	29.6	4.1 ^{d/}
SOUTH OF HORSE MT.														
Commercial	351.3	388.8	361.0	405.4	52.7	58.3	54.1	60.8	136.6	151.1	140.3	157.6	469.3	70.4 ^{d/}
Recreational	243.5	242.0	230.1	243.5	34.1	33.9	32.2	34.1	101.1	100.2	95.4	101.1	197.4	27.6 ^{d/}
TOTAL OCEAN FISHERIES														
Commercial Troll	610.5	633.3	576.0	626.4	94.0	95.3	85.1	92.7	238.1	241.6	215.4	235.1	838.8	122.2
Recreational	326.5	315.9	294.3	311.3	44.4	45.0	42.0	44.4	136.5	142.0	132.5	140.2	301.0	41.3
INSIDE FISHERIES:														
Buoy 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.2	NA

TABLE 6. Preliminary projections of chinook and coho **harvest impacts** adopted by the Council for ocean salmon fishery management options, 2005. (Page 2 of 2)

Area and Fishery	2005 Catch Projection				2005 Bycatch Mortality ^{a/} Projection				2005 Bycatch Projection ^{b/}				Observed in 2004	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	Catch	Bycatch Mortality
COHO (thousands of fish)														
NORTH OF CAPE FALCON														
Treaty Commercial Troll	60.0	55.0	40.0	40.0	4.6	3.8	2.6	2.6	14.7	12.2	8.5	8.5	61.7	4.2
Non-Indian Commercial Troll ^{e/}	25.6	20.0	14.4	14.4	15.8	12.3	8.3	8.3	51.1	39.6	26.8	26.8	22.1	9.4
Recreational ^{e/}	134.4	105.0	75.6	75.6	32.9	24.7	17.4	17.4	173.0	130.2	91.5	91.5	135.1	28.7
SOUTH OF CAPE FALCON														
Commercial Troll	-	-	-	-	4.0	4.1	4.1	4.2	12.8	13.3	13.3	13.5	-	13.9
Recreational ^{e/}	40.0	35.0	35.0	35.0	17.6	16.0	15.1	16.5	92.5	84.1	79.6	86.7	50.7	16.7
TOTAL OCEAN FISHERIES														
Commercial Troll	85.6	75.0	54.4	54.4	24.4	20.2	15.0	15.1	78.6	65.1	48.6	48.8	83.9	27.5
Recreational	174.4	140.0	110.6	110.6	50.5	40.7	32.5	33.9	265.5	214.3	171.1	178.2	185.9	45.4
INSIDE FISHERIES:														
Area 4B ^{e/}	-	-	6.0	6.0	-	-	2.2	2.2	-	-	11.3	11.3	-	-
Buoy 10 ^{e/}	11.0	13.0	16.0	16.0	2.6	2.9	3.4	3.4	13.8	15.4	17.9	17.9	15.3	3.4

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: 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.