

NPAFC
Doc. 984
Rev. _____

**Washington, Oregon, Idaho and California Salmon Hatchery
Releases, Commercial Fishery Catch Statistics, and Sport
Fishery Harvest Statistics for 2005 Season**

by

Heather R. Bartlett

Washington Department of Fish and Wildlife
Fish Program
600 Capital Way N.
Olympia, WA 98501

Submitted to the

North Pacific Anadromous Fish Commission

by

United States Party

October 2006

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Bartlett, H. R. 2006. Washington, Oregon, Idaho and California Salmon Hatchery Releases, Commercial Fishery Catch Statistics, and Sport Fishery Catch Statistics for 2005 Season. (NPAFC Doc. 984). 6 p. Washington Department of Fish and Wildlife, Fish Program, 600 Capital Way N. Olympia, WA 98501

Hatchery Releases

Recorded releases for Washington, Oregon, and California totaled approximately 300 million fish in 2005 (Table 1). Releases for all species and location were not available for 2006. In release year 2005, chinook represented 58% of the total release; chum represented 16%, coho represented 14%, sockeye represented 6.5%, and steelhead represented 5%.

Commercial Catch Statistics

Ocean salmon fisheries conducted off the coasts of Washington, Oregon, and California are directed toward and harvest primarily chinook and coho salmon. Small numbers of pink salmon are harvested in odd numbered years. West Coast fisheries in the Pacific Fishery Management Council-managed waters occur from 0 to 200 nautical miles offshore between the U.S./Canada border and the U.S./Mexico border.

Total 2005 exvessel value for the non-Indian commercial salmon fisheries within Washington, Oregon and California was \$22.6 million, a decrease of 24% from 2004 (Pacific Fishery Management Council 2006), but comparable to the 2003 value. However, it is important to acknowledge the 2005 value is 57% below the 1979 – 1990 average when adjusted for inflation. In terms of number of fish, the non-Indian commercial chinook harvest (630,900 fish) declined by 21% compared to 2004, which was down 10% from 2003, and is roughly 12% below average for the five previous years (717,600). Coho catch decreased by 82% (4,100 versus 22,600 in 2004). Average weight per chinook was slightly less, while the coho average weight increased another 2% from those recorded in 2004 providing the highest average weight for the period 1980 – 2005.

Treaty Indian commercial fisheries off Washington are allocated a share of the total ocean salmon harvest. The treaty Indian commercial fisheries (inclusive of Ceremonial and Subsistence) harvested 41,975 chinook, and 23,997 coho, both a substantial decrease from the 2004 harvest of 65,300 and 62,000, respectively. Table 2 shows 2005 harvest numbers by salmon species and fishing area, in units of fish harvested, and Table 3 provides this information in units of pounds harvested.

A number of inside marine and freshwater commercial fisheries are conducted as well, and preliminary harvest information is available for select areas (Table 4). Harvest represented within Table 4 includes non-Indian commercial and Indian net fisheries.

Sport Fishery Catch Statistics

Ocean sport fishery harvest for California, Oregon and Washington for 2005 is presented in Table 5. In addition, select area inside marine and freshwater *preliminary* harvest information is provided in Table 6.

Table 1. 2005 salmon releases in *thousands of fish* by state from California, Oregon, Idaho, and Washington hatcheries (Regional Mark Information System).

State	Chinook	Chum	Coho	Sockeye	Pink	Steelhead	Total
CA	28,817		547	120		1,905	31,389
OR	19,218		6,257			1,320	26,795
ID	8,710		582	78		4,432	13,802
WA	117,745	47,864	34,701	19,212		0	227,553
Total	174,490	47,864	42,087	19,410		0	299,539

Missing data indicates no releases.

Table 2. Preliminary 2005 ocean commercial salmon harvest by state and species, in *thousands of fish* (PFMC 2006). Includes treaty fisheries.

State	Species		
	Chinook	Coho	Pink
CA	340.5	-	-
OR	250.7		2.6
WA	77		25.5

Missing data indicates no harvest, and zero indicates harvest activity less than 500.

Table 3. Preliminary 2005 ocean commercial salmon harvest by state and species, in *thousands of pounds* (PFMC 2006).

State	Species		
	Chinook	Coho	Pink
CA	4,300		-
OR	3,167 ¹		17
WA	994		161

Missing data indicates no harvest, and zero indicates harvest activity less than 500.

Table 4. Inside marine and select freshwater salmon harvest by fishing area and species within Washington, Oregon, and California (PFMC 2006). Includes tribal fisheries.

Fishing Area	Chinook	Coho	Chum	Pink	Sockeye
Klamath River	7,955				
Columbia River	181,890	99,500			
Willapa Bay	6,532	50,031			
Grays Harbor	2,525	30,705			
Quinault River	7,672	23,796	1,283		
Queets River	1,676	20,840			
Hoh River	1,109	3,610			
Quillayute River	1,867	39,803			
Puget Sound and Lake Washington	89,802	317,726	1,889	394,412	215,922

Missing data indicates no harvest, and zero indicates harvest activity less than 500.

¹ Weight estimated from Washington and California weights.

Table 5. Preliminary 2005 California, Oregon, and Washington ocean sport harvest by state and species in *thousands of fish* (PFMC 2006).

State	Species		
	Chinook	Coho	Pink
CA	143.2	.7	0
OR	29.9	13.7	0
WA	36.4	51.8	3.2

Missing data indicates no harvest, and zero indicates harvest activity less than 500.

Table 6. Inside marine and select freshwater sport harvest by fishing area and species within Washington, Oregon and California (PFMC 2006 and WDFW data).

Fishing Area	Sport			
	Chinook	Coho	Chum	Pink
Klamath River	1,597			
Columbia River	30,268	22,300		
Willapa Bay	2,718	668		
Grays Harbor	331	1,916		
Quinault River				
Queets River	0	680		
Hoh River	NA	NA		
Quillayute River	NA	NA		
Puget Sound/Lake Washington ²	23,477	62,049	2,218	68,159

Missing data indicates no harvest, and zero indicates harvest activity less than 500.

² Preliminary data from Washington catch record cards.

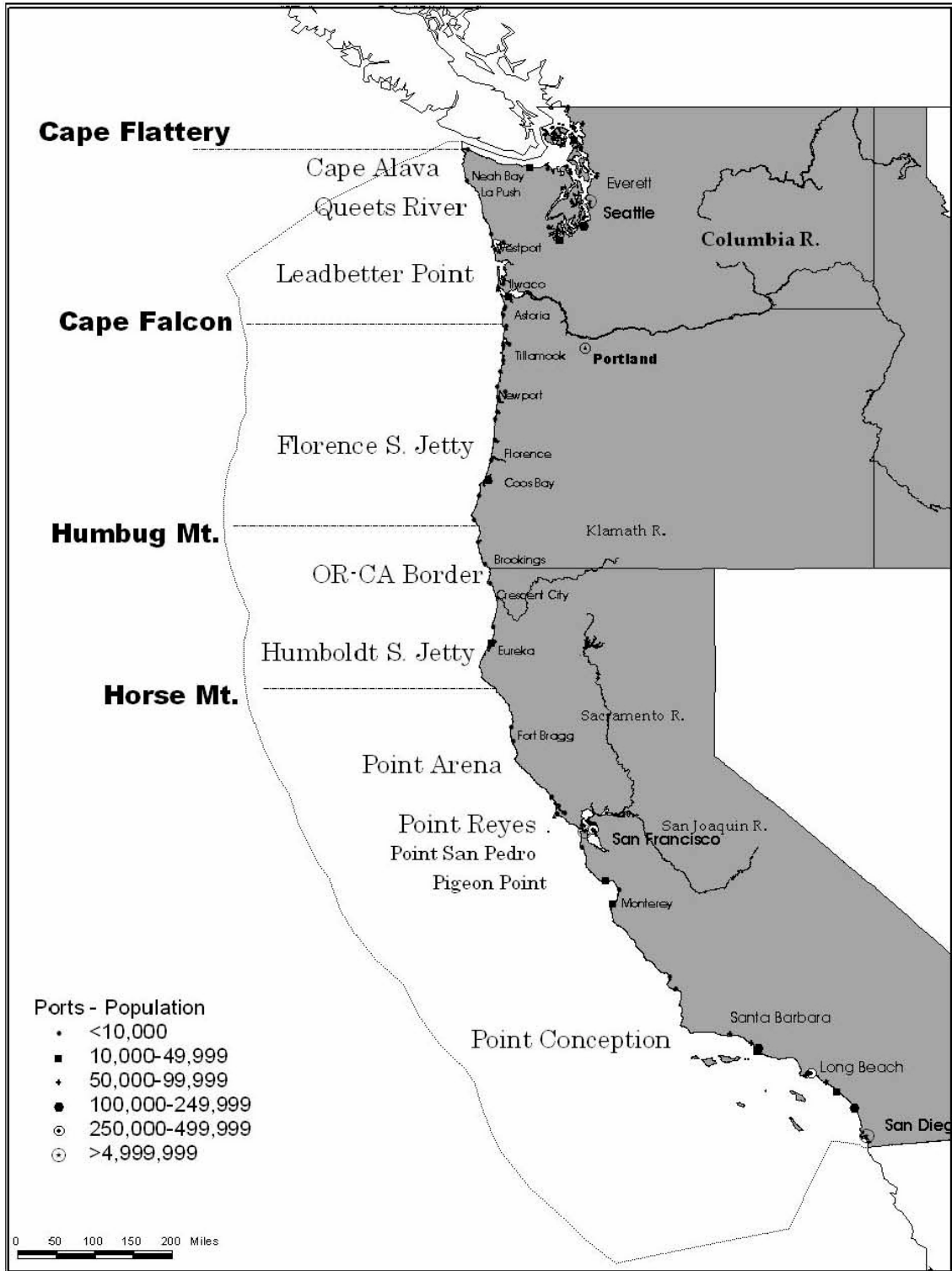


Figure 1. States and ocean fishery management areas regulated through the Pacific Fishery Management Council.

References

Pacific Fishery Management Council. 2006. *Review of 2005 Ocean Salmon Fisheries*. (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 7700 NE Ambassador Place, Suite 200, Portland, Oregon 97220-1384