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# Oregon Ocean Salmon Fisheries: Annual Status Report, 2006



**Oregon Department of Fish and Wildlife  
Ocean Salmon Management**

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OREGON OCEAN SALMON FISHERIES:

Annual Status Report, 2006

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## INTRODUCTION

The Ocean Sampling Project unit of the Oregon Department of Fish and Wildlife (ODFW) monitors the ocean commercial troll salmon and the ocean recreational boat fisheries. The data collected and estimates generated by the sampling project are used to assist in the development of strategies to effectively manage Oregon's fisheries resources, and to evaluate proposed ocean fishery regulations.

This report summarizes the activities during the 2006 salmon fishery (March through December) for both sections of the Ocean Sampling Project: (1) The Commercial Troll Salmon Project (CTSP) and (2) the Ocean Recreational Boat Survey (ORBS). Primary activities within CTSP include: Recovery of coded wire tags (CWT), estimation of average weight of salmon by species and grade, monitoring of quota fishery landings, and estimating catch and effort by area and time. The key functions of ORBS include: Recovery of CWTs; estimating catch by species, port, area, boat type, and time; estimating numbers of fish released for key species; at sea observations of the recreational selective coho fishery; and collection of biological data from several species.

The Ocean Sampling Project (referred hereafter as the sampling project) is permanently staffed by a project leader, assistant project leader, and a data services assistant, all located in Newport, Oregon. The sampling project also has two sampling coordinators located in Tillamook and Charleston. The sampling coordinators serve as liaisons between seasonal field samplers, fishery participants, and project staff in Newport. The coordinators also deliver data and CWTs that are collected by the field samplers to Newport; and provide additional sampling when needed.

The Oregon Coast has twelve substantial ocean ports or access points to the ocean salmon fishery. In 2006, sampling was conducted on the commercial troll fishery at ten Oregon coastal ports, and on the recreational ocean boat fishery at ten primary ports. During the survey season the sampling project hired 34 seasonal employees for varying lengths of employment in order to fill 28 sampling positions. The sampling project had 7 commercial troll samplers, 19 recreational samplers, and 8 combination commercial and recreational samplers.



# 2006 OCEAN TROLL SALMON FISHERY

## BACKGROUND

The commercial salmon troll fishery was developing off the Oregon Coast by the year 1912 (Mullen, 1981). By 1919, there were between one and two thousand boats trolling off the mouth of the Columbia River. The State of Oregon began recording troll landings separately from gillnet fisheries in 1925. Of the seven species of Pacific salmon and anadromous trout that are regularly found in the ocean waters off Oregon, coho salmon (*Oncorhynchus kisutch*) and Chinook salmon (*Oncorhynchus tshawytscha*) have always made up the vast majority of the catch (Table 1). Pink salmon (*Oncorhynchus gorbuscha*) can make up a small portion of the catch in odd numbered years, although in some years (most notably 1967, 1969, 1977, 1981, and 1985) they have shown up in substantial numbers. Chum salmon (*Oncorhynchus keta*) and steelhead trout (*Oncorhynchus mykiss*) are infrequently caught. Steelhead were classed as a gamefish beginning in 1973 (ORS 496.009), and have not been allowed to be landed or sold in the commercial troll fishery since 1975 (ORS 509.031). Sockeye salmon (*Oncorhynchus nerka*) and cutthroat trout (*Oncorhynchus clarkii*) are rarely caught in the troll salmon fishery, and cutthroat trout are also considered a gamefish and prohibited in the commercial catch.

Entry into the troll fishery was unrestricted until 1980 when a permit moratorium was adopted. Although 4,311 vessels already had Oregon troll permits, a goal of 2,400 vessels licensed to troll for salmon in Oregon was established. The Oregon legislature lowered the troll permit ceiling to 1,800 vessels in 1993. Following recommendations of an industry panel that reviewed the limited entry troll permit status, the 1995 legislature lowered the permit cap further to 1,200. As the number of vessels drops below the permit moratorium level, the ODFW is mandated by state law to hold a lottery for all available permits.

Historically, coho salmon dominated the ocean troll landings with relatively stable landings of 2,000,000 and 4,000,000 pounds (dressed weight: head-on, viscera removed) for most years from 1925 to 1941 (Figure 1). From 1942 to 1950 catches remained near 1,000,000 pounds annually, but by 1957 landings had climbed to 3,400,000 pounds. The El Niño of 1958-59 resulted in landings dropping back below 1,000,000 pounds or 200,000 fish. During the 1960s and early 1970s, improved hatchery production and rearing techniques, a growing troll fleet, and good ocean survival rates of smolts to adults resulted in record landings that peaked in 1976 with 1,800,000 coho landed. From the mid 1970s and continuing through the 1990s, Oregon's ocean coho fishery was characterized by poor ocean environmental conditions and poor overall survival, increasing management restrictions, and reduced ocean harvest opportunities. Beginning in 1993, coho were not allowed to be retained south of Cape Falcon, and from 1994 and through 1999 coho were prohibited in all Oregon troll fisheries. The first selective coho fishery was adopted in 2000 for the area north of Cape Falcon, and similar seasons have occurred every year since. The selective fishery limited trollers to the retention of hatchery coho that were marked with

a clipped adipose fin. Coho retention has remained closed in the areas south of Cape Falcon.

The 2006 selective coho fishery north of Cape Falcon was open for four days during each week from July 15 through September 5 with a preseason quota of 6,800 marked coho and a guideline of 11,550 Chinook. In the final week, the season was open for seven days from September 8 through September 15 to increase vessel participation and catch.

Although, Chinook salmon have dominated the troll landings for over two decades with record harvest years in 1987, 1988, and most recently in 2003, landings have varied substantially between years (Figure 1 and Table 1). These harvest fluctuations are a result of allocation agreements between fishery groups, shifts in stock abundance, and management requirements for critical natural stocks under both state and federal management and the federal Endangered Species Act. Currently, poor spawning escapement of returning Chinook to the Klamath River system for the third consecutive season has prompted management to restrict the salmon seasons in 2006, which significantly reduced harvest levels for the Oregon Coast, South of Cape Falcon.

There were two main Chinook salmon seasons North of Cape Falcon in 2006. The first season was scheduled from May 1 through the earlier of June 30 or a 22,450 Chinook quota. The season started with a two day opener May 1 and 2, after May 5 the season was broken into four day openers each week through June 13. Inseason action closed the season from June 16 through June 26 because there was insufficient quota remaining for a regular opener. Federal regulations required the final opener be held from June 27 through June 30 in the event there was insufficient quota for a regular opener. This was intended to provide fresh fish for the July 4 holiday weekend. As planned the fishery reopened from June 27 through June 30 with a possession and landing limit of 20 Chinook. The second season was scheduled from July 15 through September 15 and was open four days each week. Inseason management action opened the final week for seven consecutive days of fishing from September 8 through 15.

From Cape Falcon to the Florence south jetty there were two Chinook seasons in 2006. The first season had four day openers each week between June 4 and June 28, and three day per week openers from July 9 through August 3. The second season was from September 17 through September 30, and October 17 through October 31. There were no federally authorized salmon seasons south of Florence south jetty.

In most years the Oregon coast from Cape Falcon to Humbug Mountain is open during September and October; however, due to the low forecast for returns of fall Chinook to the Klamath River in Northern California, most commercial troll salmon fishing was closed off of Oregon and California. The Oregon Fish and Wildlife Commission adopted eleven terminal fisheries (referred to hereafter as bubble fisheries) within state waters, which were in addition to the federal salmon seasons. These bubble fisheries were

designed to provide additional commercial troll fishing opportunities in areas and times that were traditionally open to fishing.

## **SAMPLING METHODOLOGY**

### **Sampling Areas and Staffing**

The 2006 salmon seasons had unique staffing needs due primarily to the increase in the number of state waters bubble fisheries with quotas. In addition to the eight combination troll/recreational samplers and one troll/data sampler, there were six troll samplers hired and stationed at various Oregon coastal ports to sample the bubble fisheries (Appendix Table 1). Samplers worked at both permanent and temporary buying stations in Astoria, Garibaldi, Pacific City, Newport, Florence, Winchester Bay, Charleston, Port Orford, Gold Beach, and Brookings for both the regular fisheries and state waters bubble fisheries. Troll sampling was also supplemented at times by sampling coordinators and permanent staff.

### **Sampling Design**

Sampling was conducted using an established sampling plan with a stratified design. Samplers are instructed to sample: (1) a minimum of 20% of landed salmon, (2) from landings throughout the statistical week, and (3) from all major buyers within their assigned port (Appendix Tables 2 and 3). Sampling data were recorded in the field on handheld computers. The data were then transferred weekly to the Newport office for error checking, summarization and analysis. All individual landings are kept confidential.

### **Average Weights and Coded Wire Tags**

Salmon were sorted, graded and weighed by fish plant personnel or the local buyer. Simultaneously, the samplers tallied the fish by species and grade, and recorded total weights from the buyer's scales. In addition, the samplers examined each salmon for an adipose fin clip. A clipped adipose fin traditionally indicated that the snout of the fish was implanted with a CWT. Several fish hatchery projects now use the adipose fin clip process to distinguish hatchery fish from wild fish without implanting a CWT. Samplers used electronic CWT detection wands to determine the presence of CWT's in adipose fin-clipped salmon. When a CWT was detected the salmon was measured and the snout removed. The snouts were sent to the ODFW CWT laboratory at Clackamas for CWT extraction, reading, and recording.

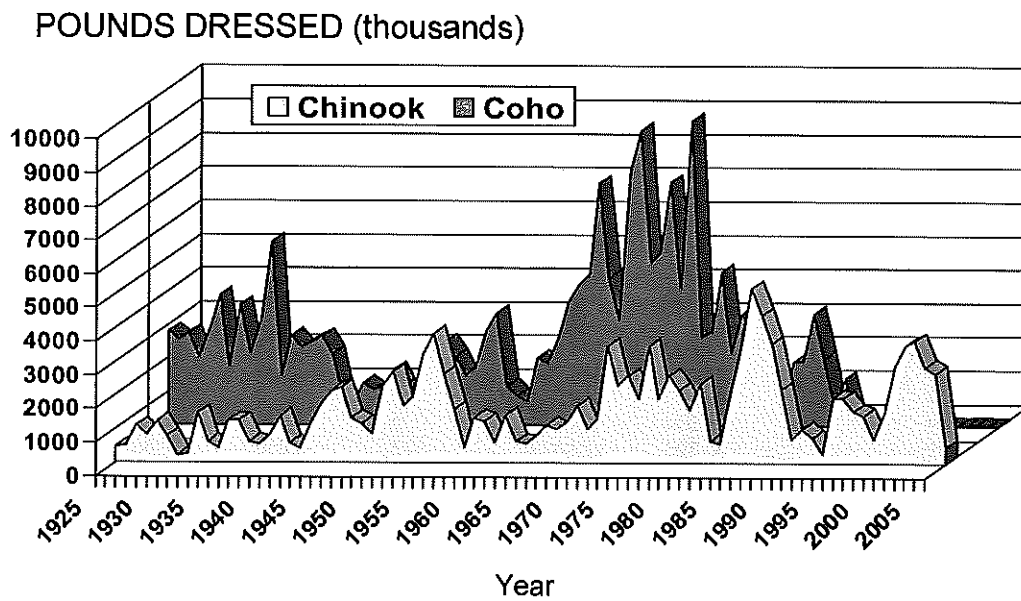
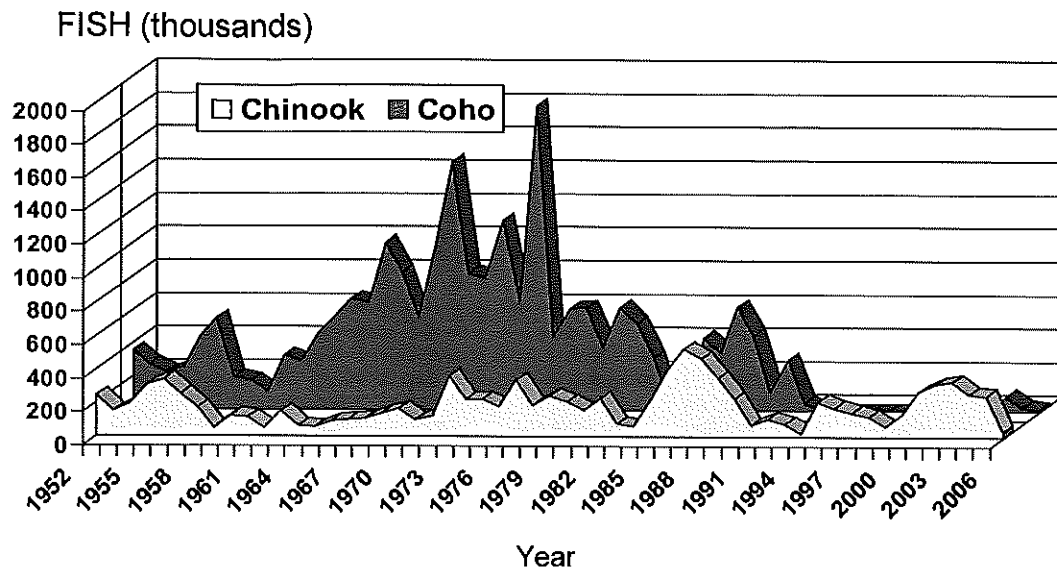


Figure 1. Historical Oregon troll salmon landings in numbers of fish (1952-2006), and in pounds dressed, head on viscera removed (1925-2006).

Table 1. Oregon commercial troll salmon effort (deliveries and boat days) and landings (number of fish and pounds dressed), 1955-2006. Includes effort and catches made off California, Washington, and Alaska and landed in Oregon.

Year	Effort		Chinook		Coho		Pink	
	Del.	Bl. Days	No.	Lbs. Dr.	No.	Lbs. Dr.	No. <sup>a</sup>	Lbs. Dr. <sup>b</sup>
1955	-	-	309,876	3,219,518	255,951	1,693,561	1,145	6,187
1956	-	-	343,045	3,825,914	443,214	2,781,851	0	0
1957	-	-	256,917	2,630,601	551,074	3,355,135	16,119	87,090
1958	-	-	174,876	1,595,335	196,612	1,165,957	0	0
1959	-	-	53,884	463,217	175,362	873,483	1,036	5,597
1960	-	-	127,834	1,328,362	112,472	731,819	10	54
1961	-	-	116,136	1,227,542	328,817	2,007,231	33	180
1962	-	-	52,559	597,664	293,234	1,870,442	0	0
1963	-	-	152,771	1,407,486	457,710	2,609,320	3,805	20,557
1964	-	-	67,505	628,387	558,109	3,683,144	12	67
1965	-	-	57,724	572,600	666,665	4,202,189	35,194	190,156
1966	-	-	95,569	799,680	646,145	4,488,517	0	0
1967	-	-	99,745	1,115,939	1,003,994	7,201,349	172,546	932,269
1968	-	-	110,150	993,410	825,352	4,398,335	659	3,560
1969	-	-	140,285	1,201,470	557,337	3,171,539	48,050	259,613
1970	-	-	164,688	1,685,028	989,743	7,536,094	162	873
1971	43,934	-	102,926	1,000,710	1,490,122	8,765,148	1,676	9,054
1972	38,354	-	127,287	1,303,729	824,602	4,856,335	21	115
1973	33,378	-	363,267	3,461,321	795,477	5,137,061	2,634	14,229
1974	51,058	-	224,110	2,290,403	1,137,193	7,230,870	13	70
1975	44,627	-	224,708	2,583,326	657,387	4,087,541	167	905
1976	71,868	-	184,345	1,921,577	1,826,968	9,061,161	1,026	5,546
1977	85,086	-	340,014	3,464,945	446,122	2,640,800	73,319	396,144
1978	45,693	-	191,532	1,893,620	611,638	2,778,964	45	244
1979	43,598	49,028	246,153	2,259,676	697,430	4,586,255	20,111	106,248
1980	29,880	39,719	209,009	2,170,873	392,946	2,188,896	524	1,570
1981	35,098	45,334	160,666	1,572,489	622,490	3,324,309	60,173	323,982
1982	26,478	33,715	232,125	2,351,252	518,421	2,708,375	0	0
1983	17,388	22,066	79,541	654,982	319,630	1,097,881	79	231
1984	5,595	7,927	64,302	549,448	13,793	69,806	0	0
1985	15,671	21,005	217,075	2,029,935	84,222	483,827	44,318	258,631
1986	25,696	32,517	402,648	3,370,301	440,398	1,904,649	4	11
1987	30,977	39,480	529,252	5,182,350	354,049	1,915,935	17,648	87,343
1988	40,860	51,007	470,103	4,389,031	623,207	3,335,987	4	11
1989	33,393	42,138	353,509	3,531,858	455,726	1,995,515	3,833	17,629
1990	20,220	26,231	232,439	2,180,867	122,295	633,804	0	0
1991	10,965	14,878	74,620	694,676	307,130	1,411,048	1,779	7,561
1992	6,212	9,224	110,526	1,012,622	49,775	206,622	3	16
1993	6,018	9,471	81,523	760,574	1,672	9,075	12	29
1994	2,426	3,766	25,313	286,638	0	0	0	0
1995	5,012	7,860	214,580	1,940,626	0	0	129	364
1996	5,106	8,485	177,127	1,924,728	8	38	0	0
1997	4,304	7,815	149,710	1,540,004	0	0	48	127
1998	3,748	7,183	125,014	1,397,717	0	0	1	5
1999	3,109	5,116	63,705	722,670	172	850	55	211
2000	4,567	7,520	136,581	1,482,458	12,258	72,794	3	10
2001	6,391	11,193	276,696	2,898,599	9,367	52,371	344	1,192
2002	7,180	11,994	319,337	3,488,708	1,515	10,650	0	0
2003	7,495	12,526	333,699	3,639,131	6,711	42,676	30	98
2004	8,157	13,399	261,231	2,849,612	9,292	69,630	5	42
2005	6,355	11,628	251,409	2,676,654	2,628	19,851	3	8
2006	2,639	4,530	34,966	485,670	1,424	13,102	0	0
Average	23,015	19,884	190,666	1,908,768	401,882	2,355,419	9,937	53,683
Median	16,530	12,260	169,782	1,640,182	341,433	1,910,292	48	211

<sup>a</sup> Numbers of pink salmon from 1952-78 are estimated by dividing the pounds landed by the 1979-94 average weight of pink salmon landed in Oregon from 1979-94 (5.403 lbs/per pink salmon).

<sup>b</sup> Pounds dressed for pink salmon for the period of 1952-78 is back calculated from round weights landed by dividing total pounds by the standard conversion factor of 1.15. Poundages from this period may also include landings of pinks from other commercial fisheries.

## **Quota Assessment**

The Pacific Fishery Management Council (PFMC) ocean salmon harvest areas are managed to achieve specific spawning escapement goals for regional salmon stocks, and to provide for in-river fisheries and Native American treaty requirements or allocations. Quotas or harvest ceilings for specific time and area fisheries are a primary tool of harvest management. Quotas are set by PFMC and are based on (1) estimates of adult recruitment, (2) stock contribution and distribution, (3) anticipated ocean harvest patterns, (4) impacts on critical stocks, and (5) spawning escapement goals.

A fish receiving ticket is required for each landing of troll salmon. Estimates of the number of salmon landed are derived by applying average weight data from port samples to the pounds landed on the fish receiving tickets. Inseason management is required for all ocean troll quotas. Standard processing of fish ticket data may take more than three weeks, and are ineffective for inseason quota management. To overcome the fish ticket delay in 2006, the sampling project used two methods for inseason catch accounting, a delivery call-in requirement, and a key buyer program. The call-in regulation was used in the North of Cape Falcon quota fisheries, whereas the key buyer program was used for the state waters bubble quota fisheries.

Vessels participating in the quota fisheries North of Cape Falcon and landing in Oregon were required to notify ODFW within one hour of delivery or transport away from the port of landing by calling the Newport sampling project team. The notification included vessel name and number, number of salmon retained by species, port of landing and location of delivery, and estimated time of delivery. The call-in provision provided ODFW with the necessary information to estimate landed catch for inseason management.

The sampling project used a key buyer program in the state waters quota fisheries because the call-in provision was not mandatory. The key buyer program has been modified since its inception in 1983, but uses the same principles to monitor daily or periodic troll landings at major buyers along the coast as needed. In 2006, the sampling staff contacted major salmon buyers twice weekly in each of their ports and summarized total pounds of salmon purchased. The summarized data were transmitted to the sampling project team in Newport. Total weights landed at key buyers were expanded to account for buyers that were not contacted by the samplers. The expansions were based on the ratio in pounds between vessels interviewed that sold their catch to key buyers, to vessels that sold to non-key buyers. These expanded weights provide an estimate of total landed weight within a given port and time.

The estimated weight of landed Chinook from key buyers and non-key buyers within a port were pooled. The pooled weights were divided by the average weight of the sampled salmon from that port to estimate the total number of salmon landed. Once the total number of salmon landed was known a second step was required to assign the correct number of salmon landed to the correct bubble fishery. The ratio of salmon caught within each bubble fishery was also calculated from the sampler interviews.

During the interview process the samplers asked the vessel operators how many salmon were delivered and how many came from each bubble fishery. These totals provided the Newport staff with a ratio of salmon caught by bubble fishery which were applied to the total number of salmon delivered for that time period. The process provided an estimate of the total number of salmon landed by port and bubble fishery for each time period.

## **REGULATIONS AND SEASON LANDINGS**

Ocean salmon regulations are set by the PFMC for all ocean salmon fisheries in the Exclusive Economic Zone (EEZ) from 3 to 200 miles (Appendix Table 4). For state waters (0 to 3 miles) ocean salmon regulations are set by the Oregon Fish and Wildlife Commission (OFWC), but approved seasons must stay within the ocean salmon harvest impact guidelines established by the PFMC. Special Chinook salmon only fisheries are set by the OFWC for state waters within 3 miles of shore (Appendix Table 4). These fisheries are designed typically to target returning stocks of fall Chinook.

All 2006 Oregon ocean troll salmon fisheries were restricted to gear containing single point, single shank barbless hooks. South of Cape Falcon fishers were limited to no more than four terminal gear spreads per wire. Coho retention was prohibited in all seasons except for a limited hatchery selective fishery North of Cape Falcon from July 15 through September 15. Minimum length restrictions were, 28 inches for Chinook and 16 inches for coho (Figure 2, Appendix Table 4).

### **U.S./Canada Border to Cape Falcon**

The first season was structured to be open for all-salmon-except-coho from May 1 through the earlier of June 30 or quota of 22,450 Chinook. The first opener was May 1 and 2 with a possession limit of 75 Chinook. The following openers were four consecutive days, Saturday through Tuesday, with a possession limit of 80 Chinook except for the final opener with a possession limit of 20 Chinook. The fishery opened as scheduled, but closed June 13 when the majority of the quota had been taken, and then reopened June 27 – 30 (30 fishing days). The Columbia River Control Zone was closed to all salmon fishing. A total of 10,335 Chinook were landed in Oregon from this season.

The second season was scheduled to open July 15 through September 15 with a preseason guideline of 11,550 Chinook or a quota of 6,800 marked coho. Vessels were restricted to artificial plugs six inches or longer during this second season. The first period from July 15 to 25 was open Saturday through Tuesday of each week with 35 Chinook and 35 marked coho per open period landing limits per vessel. The limit was increased by inseason action to 60 Chinook for the July 29 to August 1 opener. The next fishing period starting August 5 had an open period limit of 60 Chinook and 40 marked coho per vessel per three day opener, Saturday through Monday. After two openings, inseason action was taken to (1) increase to four day fishing openers, Saturday through Tuesday starting August 19 through September 5, (2) increase the

open period limit to 80 Chinook, and (3) remove the six inch artificial plug restriction. On September 6 inseason action was taken, which increased the open period for eight straight days, starting September 8 through September 15 with an open period limit of 160 Chinook and 80 coho salmon. The fishery closed as scheduled on September 15 with 154 Chinook and 1,414 coho landed.

### **Cape Falcon to Florence South Jetty**

The management area from Cape Falcon to the Florence South Jetty was open for all-salmon-except-coho. The openings were staggered to provide fishing opportunity from June to October. As scheduled there were 10 openings for a total of 57 fishing days (Figure 2 and Appendix Table 4). The possession limit per vessel and per calendar week was 75 Chinook from June 4 through August 3, and 50 Chinook from September 17 through October 31. These seasons were open without quotas and an estimated total of 20,500 Chinook were landed in regulatory areas 3, 4 and 5.

### **Florence South Jetty to Humbug Mountain**

The management area south of the Florence south jetty was closed in all federal waters for the 2006 salmon seasons.

### **Humbug Mountain to Oregon-California Border**

The management area from Humbug Mountain to the Oregon/California border was closed to salmon fishing in all federal waters for 2006.

## **EFFORT AND CATCH STATISTICS**

Landed poundage, dollar value, area of catch, and days fished were obtained directly from Oregon's commercial fish receiving tickets. Pounds landed were converted to number of fish by using average weight information collected by port samplers. Prior to 1979, all Oregon troll catch statistics were reported by port of landing. Beginning in 1979, catch and effort estimates have also been reported by ocean catch area (Figure 3, Appendix Tables 5, 6, 7 and 8). Landings are allocated to correct catch areas to properly assess ocean fishery impacts. Area of catch data are recorded on fish tickets by buyers and are cross-checked with available CTSP sampling data.

### **Effort**

Troll effort was estimated historically in vessel deliveries, but since 1979 an estimate of boat days has also been provided. Troll effort for 2006 totaled 4,530 boat days (Table 1, and Appendix Table 5). This is a 61% decrease from the 2005 effort of 11,628 boat days and was lower than the 1979-2001 average of 19,884. The continued low effort level was related to limited Chinook and coho fishing opportunities, and time and area



closures to reduce hook and release mortality on Chinook and coho stocks of specific concern. The Newport Catch Area (Area 4) had the most effort in 2006 with 2,240 boat days, which was 49% of the total coast wide effort (Figure 4).

Historically, peak effort levels occurred during the general troll coho season in July and August. However, changes to season structure that have reduced coho opportunities and limited Chinook impacts to specific stocks have blurred the seasonal trends. In 2006, June, September, and October accounted for 29%, 16%, and 20% of the total effort respectively (Figure 4).

## **Landings**

### **Chinook**

Oregon ocean troll Chinook catches totaled 34,966 fish in 2006 (Table 1, and Appendix Table 7). Total catch was only 14% of the 251,409 Chinook landed in 2005, and was only 18% of the 1979-2001 average of 190,666 Chinook (Table 1, and Appendix Tables 6 and 7). The 2006 season was the second worst on record following 1994 for the number of Chinook landed. Total 2006 season landings in pounds of dressed Chinook (head on, gills and viscera removed) was 485,670 lbs., down 82% from the 2,676,654 lbs landed in 2005 (Tables 1 and 2).

Most Chinook were caught in the Newport catch area with total landings of 18,895 fish (54%), compared to 90,064 fish (36%) in 2005. All catch areas showed significant decreases in Chinook landings in 2006 compared to 2005, except the Columbia area (Figure 5).

### **Coho**

The 2006 Oregon ocean troll coho landings totaled 1,424 fish, down 46% from the 2,628 landed in 2005 (Appendix Tables 6 and 8). All coho were of hatchery origin, and from a selective fishery for adipose fin clipped coho in the area from Leadbetter Point, Washington to Cape Falcon, Oregon (Figures 3 and 6). A total of 13,102 lbs. of dressed coho (head on, gills and viscera removed) were landed in 2006, down 34% from 19,851 lbs. landed in 2005 (Tables 1 and 3).

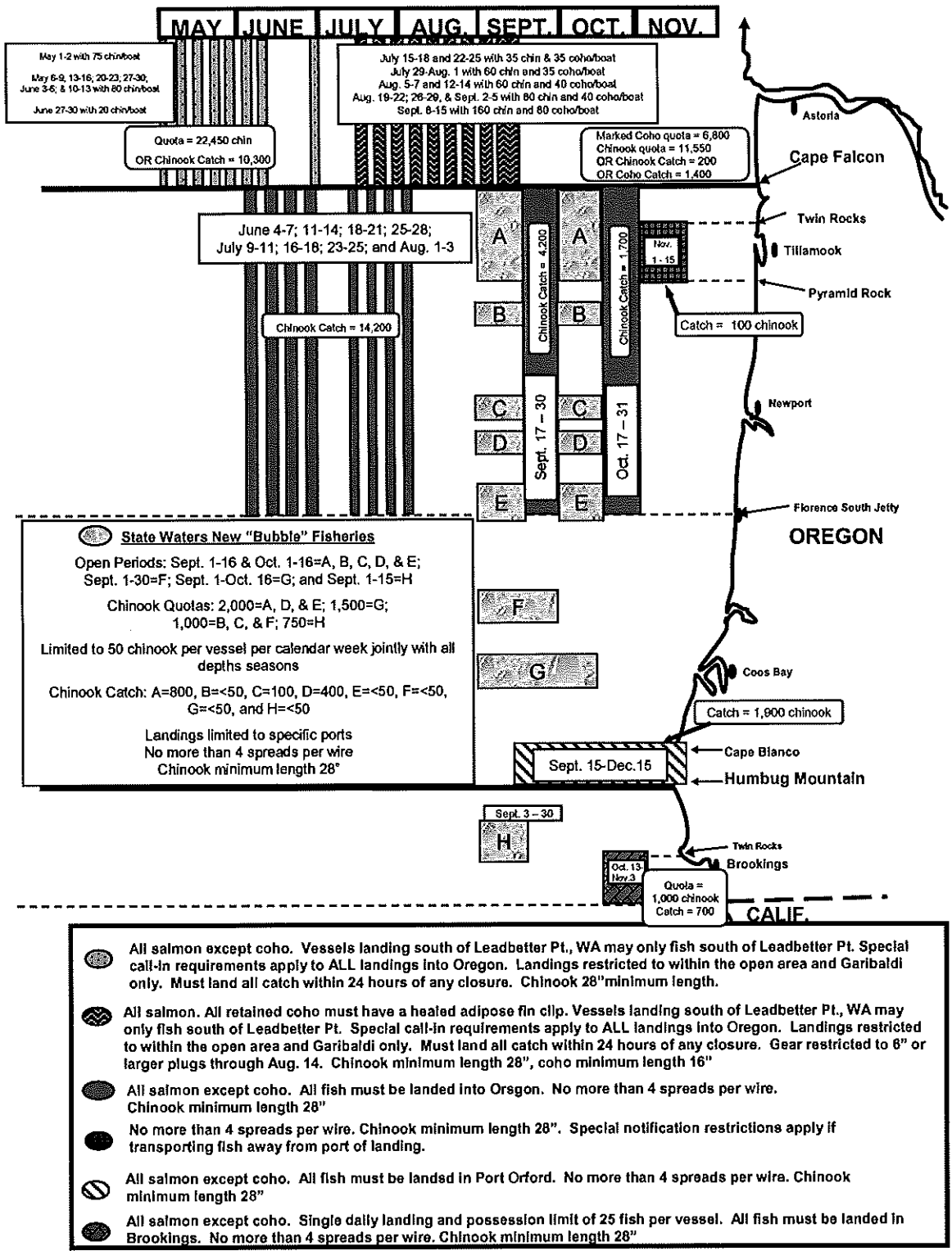


Figure 2. Commercial ocean troll seasons, quotas, and landings off Oregon, 2006.

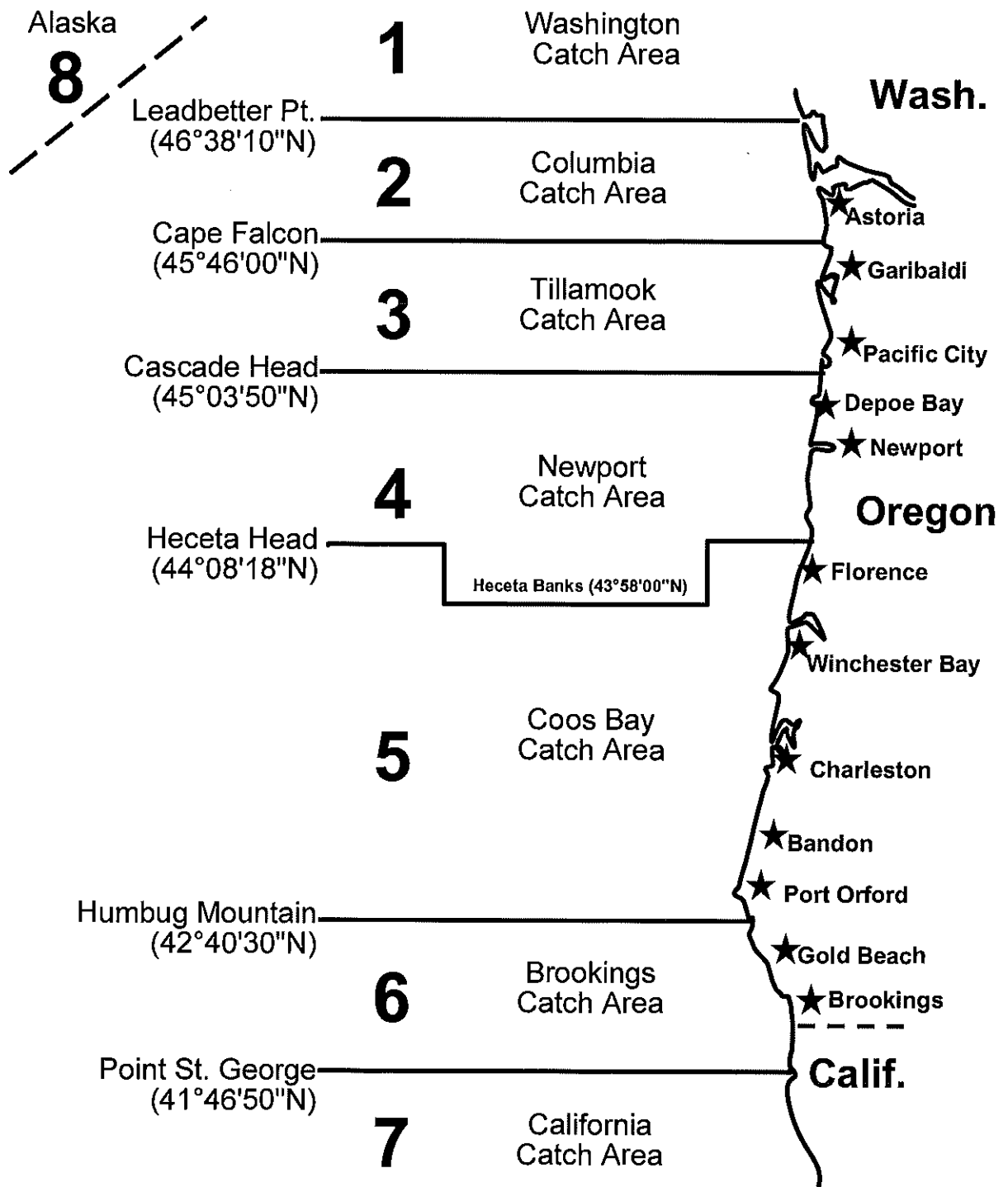
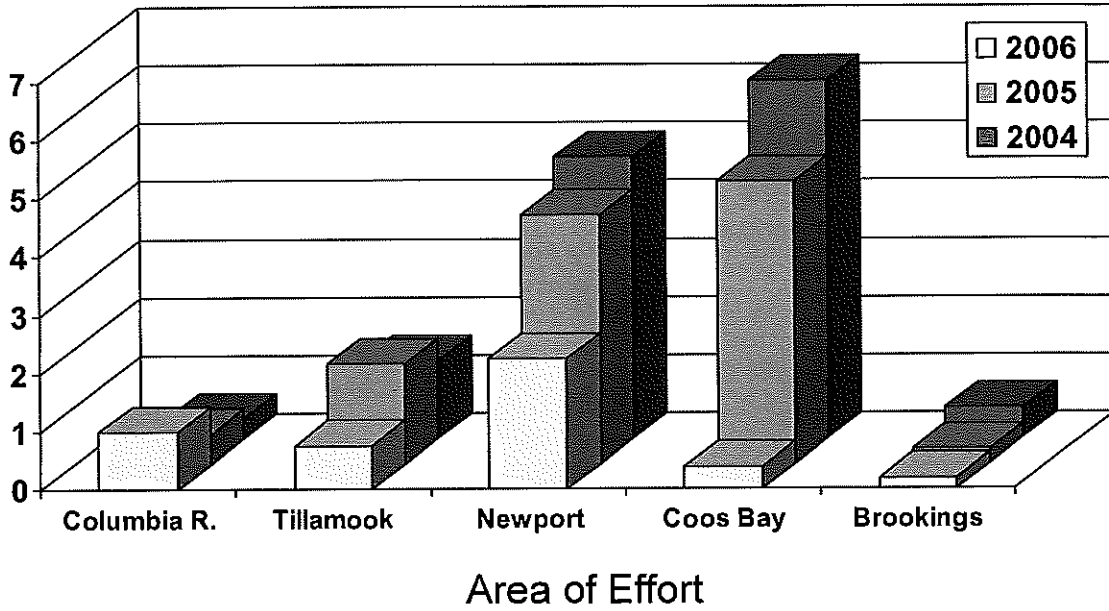


Figure 3. Oregon catch areas and major ports where commercial troll salmon are landed.

# Effort

BOAT DAYS (thousands)



BOAT DAYS (thousands)

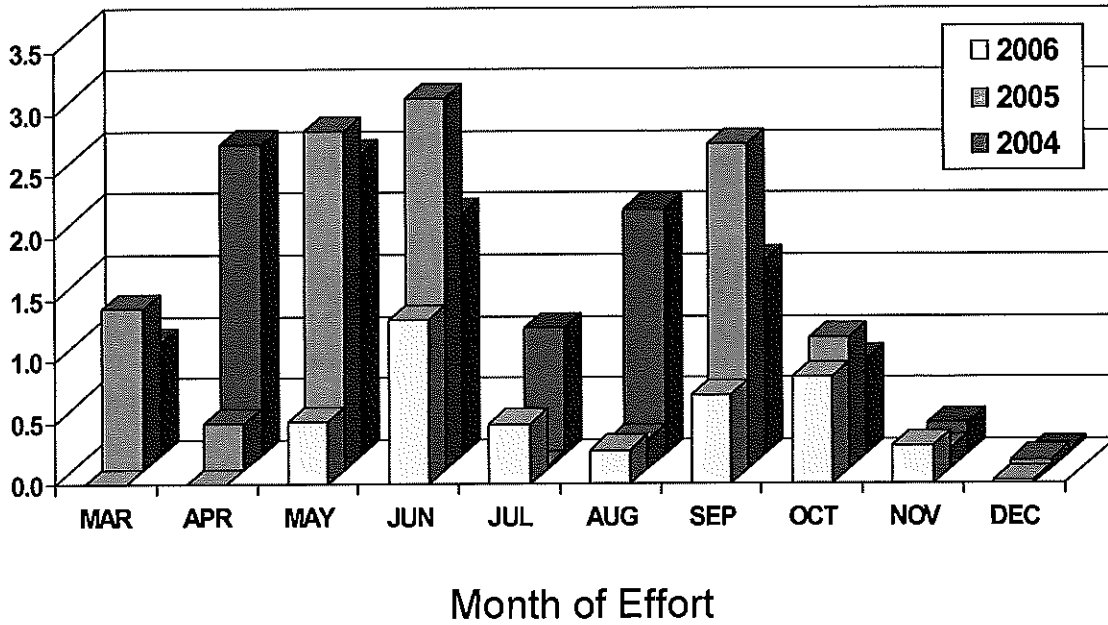


Figure 4. Oregon commercial troll salmon effort in boat days by area of effort and month, 2004-2006.

Table 2. Oregon commercial troll Chinook salmon landings in pounds dressed, by calendar month, and port, 2006.

Port	Month										Total
	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Astoria	-	-	74,387	22,811	71	343	478	-	-	-	98,090
Gearhart/Seaside	-	-	137	68	0	9	205	-	-	-	419
Cannon Beach	-	-	251	111	123	0	0	-	-	-	485
Garibaldi	-	-	28,673	8,931	234	625	9,040	18,291	361	-	66,155
Pacific City	-	-	-	717	8	13	93	259	0	-	1,090
Depoe Bay	-	-	-	584	415	38	423	0	0	-	1,460
Newport	-	-	-	107,311	42,139	6,181	35,181	23,223	2,589	-	216,624
Florence	-	-	-	787	4,825	2,541	53	69	0	-	8,275
Winchester Bay	-	-	-	5,221	4,943	421	1,922	576	0	-	13,083
Charleston	-	-	-	9,832	3,417	4,949	13,350	3,031	300	-	34,879
Bandon	-	-	-	0	0	0	0	0	0	-	0
Port Orford	-	-	-	0	0	0	286	16,459	9,848	3,787	30,380
Gold Beach	-	-	-	0	0	0	0	0	0	-	0
Brookings	-	-	-	0	0	0	25	13,414	1,291	-	14,730
<b>Total</b>	<b>0</b>	<b>0</b>	<b>103,448</b>	<b>156,373</b>	<b>56,175</b>	<b>15,120</b>	<b>61,056</b>	<b>75,322</b>	<b>14,389</b>	<b>3,787</b>	<b>485,670</b>

Table 3. Oregon commercial troll coho salmon landings in pounds dressed, by calendar month, and port of landing, 2006.

Port	Month					Total
	June	July	Aug.	Sept.	Oct.	
Astoria	-	7	2,180	1,614	-	3,801
Gearhart/Seaside	-	65	54	555	-	674
Cannon Beach	-	0	2,395	767	-	3,162
Garibaldi	-	0	3,526	1,939	-	5,465
Pacific City	-	-	-	-	-	0
Depoe Bay	-	-	-	-	-	0
Newport	-	-	-	-	-	0
Florence	-	-	-	-	-	0
Winchester Bay	-	-	-	-	-	0
Charleston	-	-	-	-	-	0
Bandon	-	-	-	-	-	0
Port Orford	-	-	-	-	-	0
Gold Beach	-	-	-	-	-	0
Brookings	-	-	-	-	-	0
<b>Total</b>	<b>0</b>	<b>72</b>	<b>8,155</b>	<b>4,875</b>	<b>0</b>	<b>13,102</b>

# Chinook

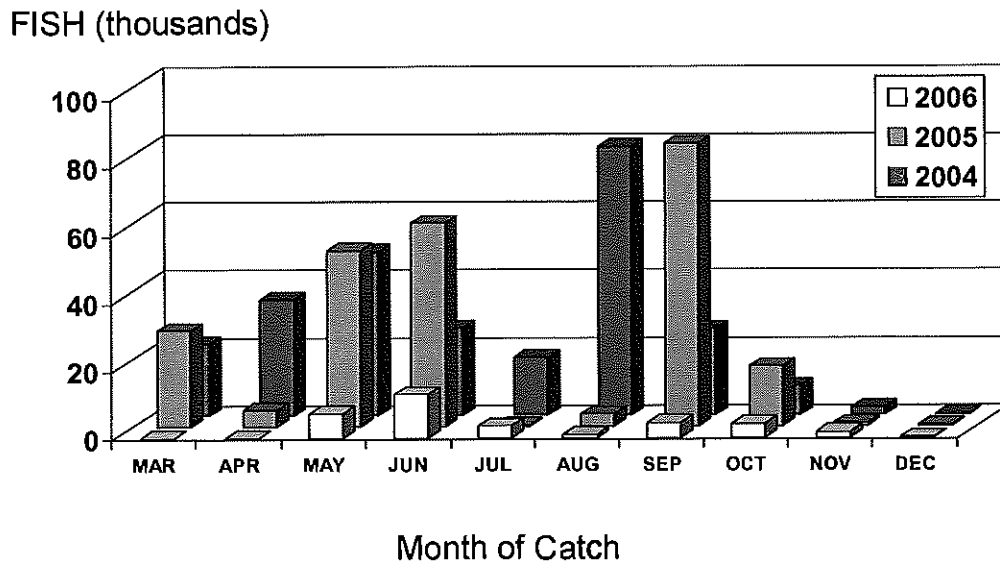
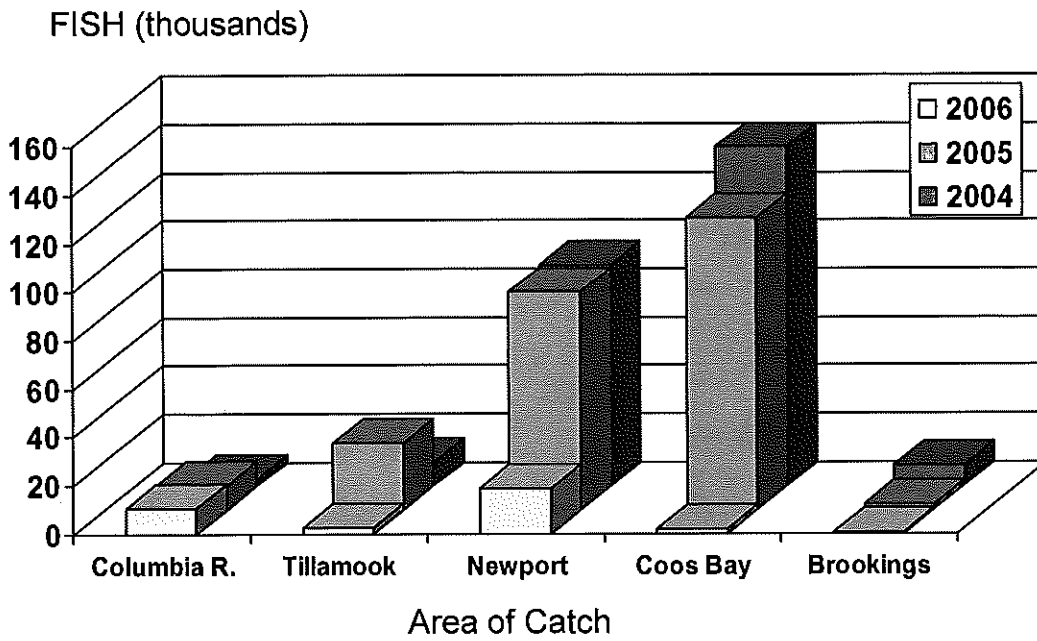


Figure 5. Oregon commercial troll Chinook landings by area of catch and by month, 2004-2006.

# Coho

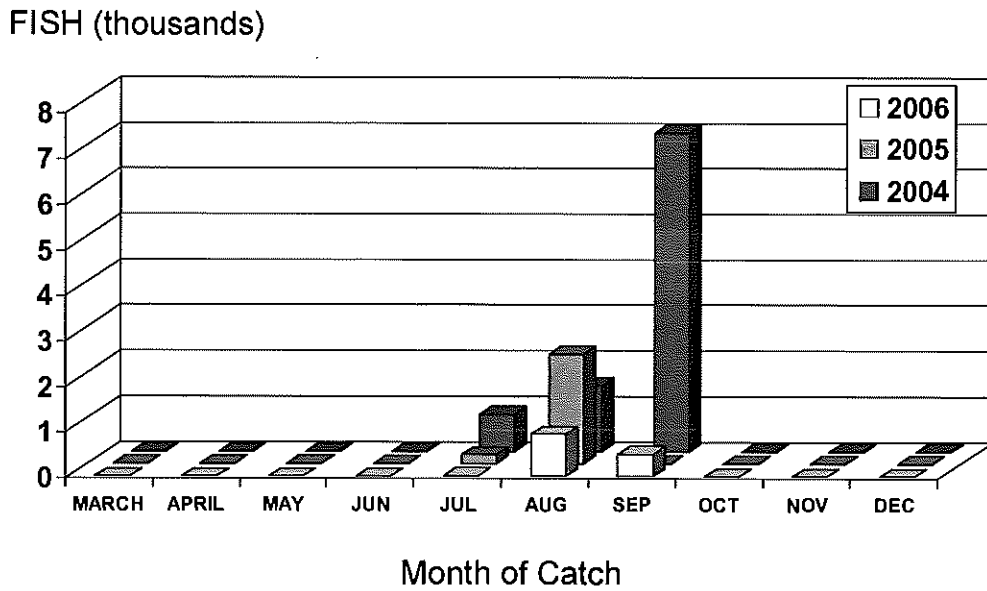
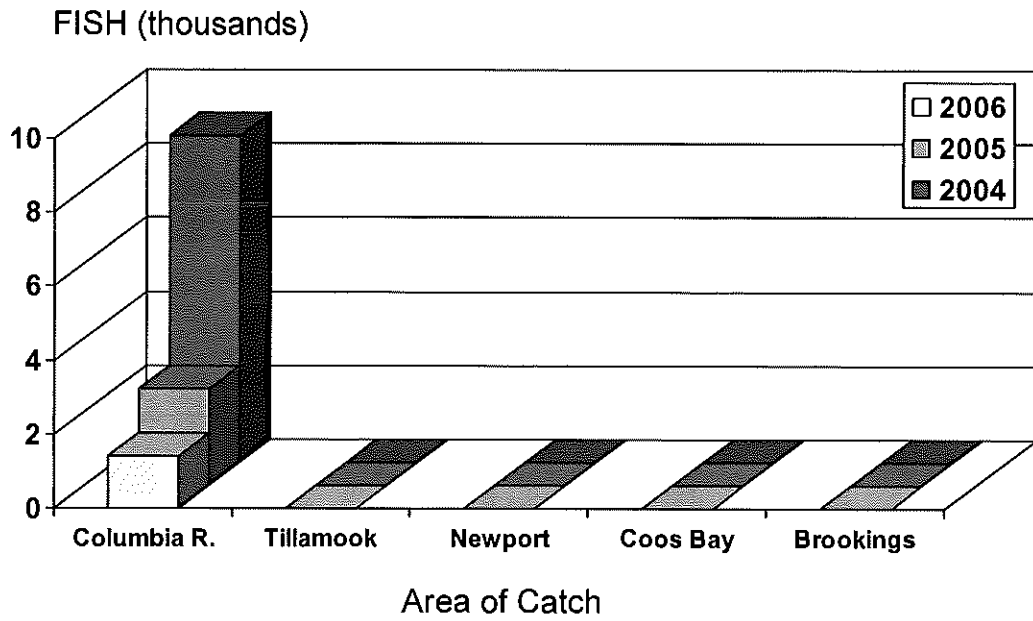


Figure 6. Oregon commercial ocean troll coho landings by area of catch and month, 2004-2006.

## **AVERAGE WEIGHT DATA**

Ocean troll salmon average weight data was collected from most ports by project samplers. The average weight data were used to convert poundage reported on fish tickets to numbers of fish. The 2006 seasonal average dressed weight (head on, viscera removed) for Chinook was 13.89 lbs., which was significantly higher than the 10.65 lbs. average weight observed in 2005, and the 10.00 lbs. average for the period of 1979-2005 (Table 4).

The 2006 Chinook average weight was the highest on record. Factors that contributed to this record may have been (1) increased minimum size requirement to 28 inches for all Oregon fisheries, (2) high ocean productivity (i.e., food availability), and (3) less within species competition because of low abundance of young Chinook as evident from the low jack returns to the Sacramento river (PFMC 2007).

Average weight for troll caught coho salmon was 9.20 lbs. in 2006 (Table 5). This was also substantially higher than the 2005 average of 7.55 lbs. and was the highest average weight on record. This high average weight may be related to some of the same reasons specified above for Chinook salmon. Although, because the open time periods for the coho seasons have differed between years, long term average weight comparisons are problematic.

## **THE DOLLAR VALUE OF OCEAN SALMON LANDINGS**

The 2006 Oregon troll Chinook landings had an ex-vessel value of \$2,663,200. This was a 6.9% decrease from the \$8,480,600 ex-vessel value in 2005. The 2006 average price of \$5.48 per lb. was substantially up from the 2005 average price of \$ 3.16 per pound (values are not corrected for inflation) (Appendix Table 9).

## **CODED WIRE TAG SAMPLING**

In 2006, project samplers examined 13,986 Chinook (40%) from the troll fishery for CWTs, of which 859 Chinook (6.1%) had clipped adipose fin or registered positive for a CWT when scanned with a detection wand or both (Table 6). Technicians recovered readable tags from 739 of the 859 snouts (86.0%). Most of the recovered CWTs were released by Oregon Department of Fish and Wildlife (40%) and Washington Department of Fish and Wildlife (23%) (Figure 7).

Project samplers in 2006 also examined 354 coho (24.9%) taken in the troll selective coho fishery for the presence of CWTs (Table 7). A total of 35 snouts were recovered, and technicians obtained readable CWTs from 33 snouts. The majority of the recovered CWTs were released by the Washington Department of Fish and Wildlife (50%) and the Oregon Department of Fish and Wildlife (40%) (Figure 8).



Table 4. Observed average dressed weight and calculated number of Chinook landed in the Oregon ocean commercial troll fishery by calendar month and area of catch, 2006.

Area of Landing	Month								Total
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
<u>Columbia R. (2)</u>									
Numbers	7,167	3,168	1	61	92	-	-	-	10,489
Pounds	85,834	38,806	35	883	1,280	-	-	-	126,838
Ave. wt.	12.0	12.2	35.0	14.5	13.9	-	-	-	12.1
<u>Tillamook (3)</u>									
Numbers	-	1,153	60	39	450	959	95	-	2,756
Pounds	-	15,073	891	633	8,139	16,830	1,816	-	43,382
Ave. wt.	-	13.1	14.9	16.2	18.1	17.5	19.1	-	15.7
<u>Newport (4)</u>									
Numbers	-	8,397	3,556	923	3,852	1,528	639	-	18,895
Pounds	-	118,451	55,024	14,232	51,044	20,387	8,486	-	267,624
Ave. wt.	-	14.1	15.5	15.4	13.3	13.3	13.3	-	14.2
<u>Coos Bay (5)</u>									
Numbers	-	108	0	16	49	962	821	131	2,087
Pounds	-	1,546	0	230	702	15,899	12,970	1,551	32,898
Ave. wt.	-	14.3	0.0	14.4	14.3	16.5	15.8	11.8	15.8
<u>Brookings (6)</u>									
Numbers	-	-	-	12	0	590	136	-	738
Pounds	-	-	-	205	0	11,791	2,914	-	14,910
Ave. wt.	-	-	-	17.1	0.0	20.0	21.4	-	20.2
<u>Oregon Subtotal</u>									
Numbers	7,167	12,826	3,617	1,051	4,443	4,039	1,691	131	34,965
Pounds	85,834	173,876	55,950	15,748	59,885	64,907	26,186	1,551	485,652
Ave. wt.	12.0	13.6	15.5	15.0	13.5	16.1	15.5	11.8	13.9
<u>Alaska (8)</u>									
Numbers	-	-	-	-	-	-	-	-	-
Pounds	-	-	-	-	-	-	-	-	-
Ave. wt.	-	-	-	-	-	-	-	-	-
<u>Washington (1)</u>									
Numbers	-	-	-	1	-	-	-	-	1
Pounds	-	-	-	18	-	-	-	-	18
Ave. wt.	-	-	-	18.0	-	-	-	-	18.0
<u>California (7)</u>									
Numbers	-	-	-	-	-	-	-	-	0
Pounds	-	-	-	-	-	-	-	-	0
Ave. wt.	-	-	-	-	-	-	-	-	0.0
<u>Total</u>									
Numbers	7,167	12,826	3,617	1,052	4,443	4,039	1,691	131	34,966
Pounds	85,834	173,876	55,950	15,766	59,885	64,907	26,186	1,551	485,670
Ave. wt.	12.0	13.6	15.5	15.0	13.5	16.1	15.5	11.8	13.9

Table 5. Observed average dressed weight and calculated number of coho landed in the Oregon ocean commercial troll fishery by calendar month and area of catch, 2006.

Area of Landing	Month				Total
	June	July	Aug.	Sept.	
<u>Columbia R. (2)</u>					
Numbers	-	10	915	489	1,414
Pounds	-	72	8,317	4,630	13,019
Ave. wt.	-	7.2	9.1	9.5	9.2
<u>Tillamook (3)</u>					
Numbers	-	-	-	-	-
Pounds	-	-	-	-	-
Ave. wt.	-	-	-	-	-
<u>Newport (4)</u>					
Numbers	-	-	-	-	-
Pounds	-	-	-	-	-
Ave. wt.	-	-	-	-	-
<u>Coos Bay (5)</u>					
Numbers	-	-	-	-	-
Pounds	-	-	-	-	-
Ave. wt.	-	-	-	-	-
<u>Brookings (6)</u>					
Numbers	-	-	-	-	-
Pounds	-	-	-	-	-
Ave. wt.	-	-	-	-	-
<u>Oregon Subtotal</u>					
Numbers	-	10	915	489	1,414
Pounds	-	72	8,317	4,630	13,019
Ave. wt.	-	7.2	9.1	9.5	9.2
<u>Alaska (8)</u>					
Numbers	-	-	-	-	-
Pounds	-	-	-	-	-
Ave. wt.	-	-	-	-	-
<u>Washington (1)</u>					
Numbers	-	-	10	-	10
Pounds	-	-	83	-	83
Ave. wt.	-	-	8.3	-	8.3
<u>California (7)</u>					
Numbers	-	-	-	-	-
Pounds	-	-	-	-	-
Ave. wt.	-	-	-	-	-
<u>Total</u>					
Numbers	-	10	925	489	1,424
Pounds	-	72	8,400	4,630	13,102
Ave. wt.	-	7.2	9.1	9.5	9.2

Table 6. Oregon ocean commercial troll Chinook coded wire tag sampling by statistical month and port of landing, 2006.

Port of Landing	Month								Total
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
<u>Astoria</u>									
No. Examined	1,950	645	1	0	0	-	-	-	2,596
No. Landed	5,023	2,971	4	24	34	-	-	-	8,056
% Examined	38.8	21.7	25.0	0.0	0.0	-	-	-	32.2
No. Marks	98	46	0	0	0	-	-	-	144
<u>Gearhart/Seaside</u>									
No. Examined	0	0	0	0	0	-	-	-	0
No. Landed	9	7	0	2	14	-	-	-	32
% Examined	0.0	0.0	0.0	0.0	0.0	-	-	-	0.0
No. Marks	0	0	0	0	0	-	-	-	0
<u>Cannon Beach</u>									
No. Examined	0	0	0	0	0	-	-	-	0
No. Landed	25	0	0	8	8	-	-	-	41
% Examined	0.0	0.0	0.0	0.0	0.0	-	-	-	0.0
No. Marks	0	0	0	0	0	-	-	-	0
<u>Garibaldi</u>									
No. Examined	840	518	6	41	347	486	28	-	2,266
No. Landed	2,110	999	17	64	515	930	95	-	4,730
% Examined	39.8	51.9	35.3	64.1	67.4	52.3	29.5	-	47.9
No. Marks	78	41	1	3	19	7	0	-	149
<u>Pacific City</u>									
No. Examined	-	0	0	0	0	0	-	-	0
No. Landed	-	57	1	3	3	15	-	-	79
% Examined	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0
No. Marks	-	0	0	0	0	0	-	-	0
<u>Depoe Bay</u>									
No. Examined	-	6	0	0	0	-	-	-	6
No. Landed	-	45	29	3	33	-	-	-	110
% Examined	-	13.3	0.0	0.0	0.0	-	-	-	5.5
No. Marks	-	0	0	0	0	-	-	-	0
<u>Newport</u>									
No. Examined	-	4,079	1,454	248	1,477	416	79	-	7,753
No. Landed	-	7,681	2,708	381	2,703	1,517	411	-	15,401
% Examined	-	53.1	53.7	65.1	54.6	27.4	19.2	-	50.3
No. Marks	-	186	68	11	63	19	4	-	351
<u>Florence</u>									
No. Examined	-	0	40	0	3	4	-	-	47
No. Landed	-	47	295	171	6	4	-	-	523
% Examined	-	0.0	13.6	0.0	50.0	100.0	-	-	9.0
No. Marks	-	0	3	0	1	0	-	-	4

Table 6 (Cont). Oregon ocean commercial troll Chinook coded wire tag sampling by statistical month and port of landing, 2006.

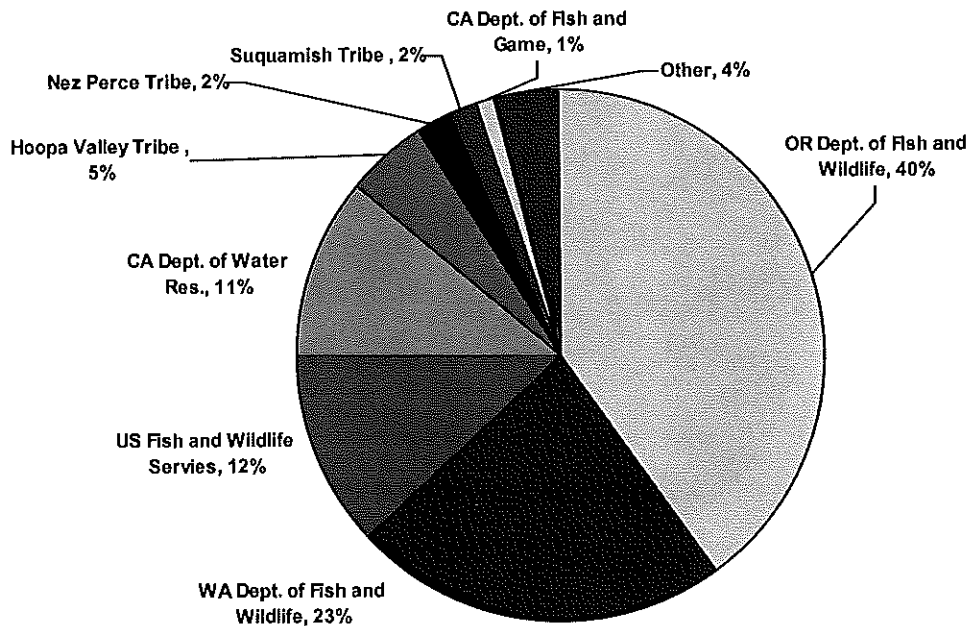
Port of Landing	Month								Total
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
<u>Winchester Bay</u>									
No. Examined	-	0	0	0	19	0	0	-	19
No. Landed	-	372	351	53	130	16	29	-	951
% Examined	-	0.0	0.0	0.0	14.6	0.0	0.0	-	2.0
No. Marks	-	0	0	0	2	0	0	-	2
<u>Charleston</u>									
No. Examined	-	0	0	0	226	0	0	-	226
No. Landed	-	647	212	331	989	7	222	-	2,408
% Examined	-	0.0	0.0	0.0	22.9	0.0	0.0	-	9.4
No. Marks	-	0	0	0	8	0	0	-	8
<u>Bandon</u>									
No. Examined	-	-	-	-	-	-	-	-	0
No. Landed	-	-	-	-	-	-	-	-	0
% Examined	-	-	-	-	-	-	-	-	0.0
No. Marks	-	-	-	-	-	-	-	-	0
<u>Port Orford</u>									
No. Examined	-	-	-	0	0	351	402	34	787
No. Landed	-	-	-	7	8	960	798	131	1,904
% Examined	-	-	-	0.0	0.0	36.6	402.0	34.0	41.3
No. Marks	-	-	-	0	0	95	90	7	192
<u>Gold Beach</u>									
No. Examined	-	-	-	1	-	-	-	-	1
No. Landed	-	-	-	1	-	-	-	-	1
% Examined	-	-	-	0.0	-	-	-	-	0.0
No. Marks	-	-	-	0	-	-	-	-	0
<u>Brookings</u>									
No. Examined	-	-	-	0	0	285	0	-	285
No. Landed	-	-	-	3	0	590	136	-	729
% Examined	-	-	-	0.0	0.0	48.3	0.0	-	39.1
No. Marks	-	-	-	0	0	9	0	-	9
<u>Total</u>									
No. Examined	2,790	5,248	1,501	290	2,072	1,542	509	34	13,986
No. Landed	7,167	12,826	3,617	1,051	4,443	4,039	1,691	131	34,965
% Examined	38.9	40.9	41.5	27.6	46.6	38.2	30.1	26.0	40.0
No. Marks	176	273	72	14	93	130	94	7	859

Table 7. Oregon ocean commercial troll coho coded wire tag sampling by statistical month and port of landing, 2006.

Port of Landing	Month			Total	
	June	July	Aug.		
<u>Astoria</u>					
No. Examined	-	1	0	4	5
No. Landed	-	1	237	167	405
% Examined	-	100.0	0.0	2.4	1.2
No. Marks	-	0	0	0	0
<u>Gearhart/Seaside</u>					
No. Examined	-	0	0	0	0
No. Landed	-	9	6	59	74
% Examined	-	0.0	0.0	0.0	0.0
No. Marks	-	0	0	0	0
<u>Cannon Beach</u>					
No. Examined	-	-	0	0	0
No. Landed	-	-	283	81	364
% Examined	-	-	0.0	0.0	0.0
No. Marks	-	-	0	0	0
<u>Garibaldi</u>					
No. Examined	-	-	195	154	349
No. Landed	-	-	399	182	581
% Examined	-	-	48.9	84.6	60.1
No. Marks	-	-	21	12	33
<u>Total</u>					
No. Examined	0	1	195	158	354
No. Landed	0	10	925	489	1,424
% Examined	0.0	10.0	21.1	32.3	24.9
No. Marks	0	0	21	12	33

# Chinook

## RELEASE AGENCY



## BASIN OF RELEASE

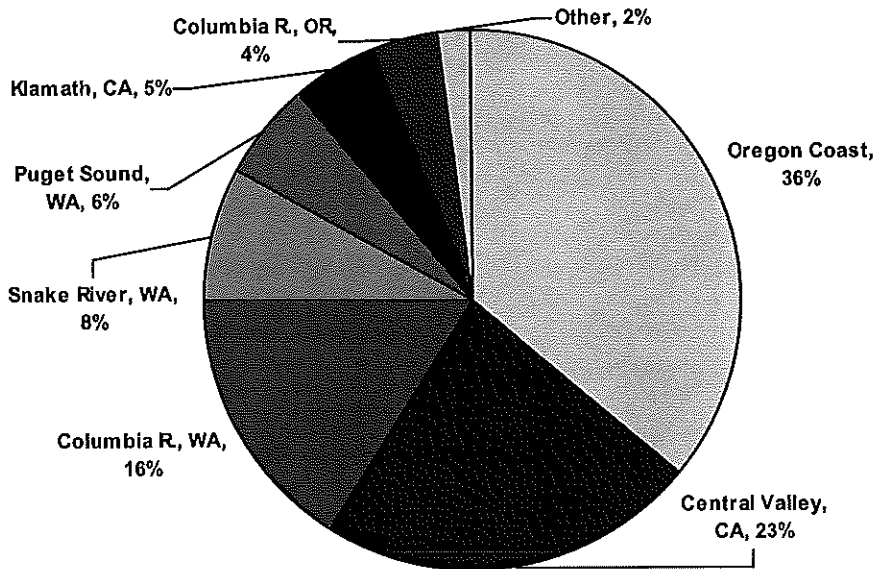
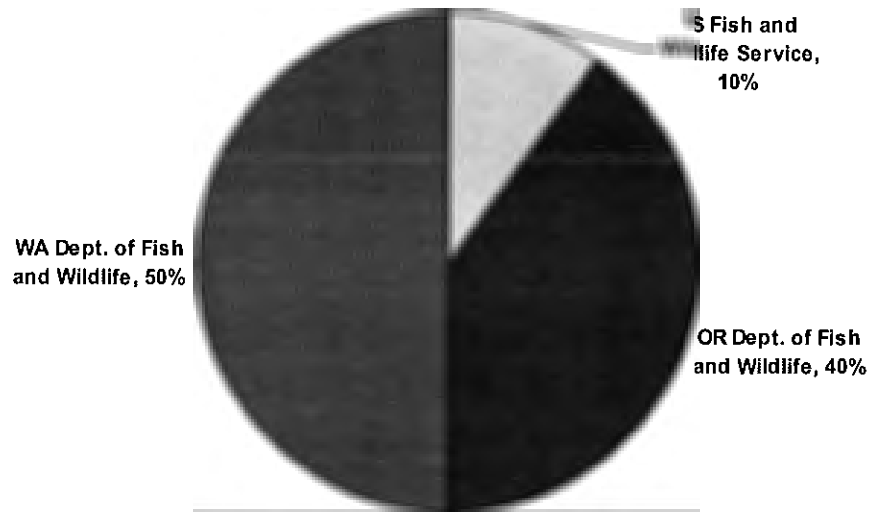


Figure 7. Observed recoveries of Chinook (N = 739) coded wire tags from Oregon commercial ocean troll salmon landings by release agency and basin of release, 2006. Note: Does not represent stock contribution rates as tagging is not representative of all stocks.

# Coho

## RELEASE AGENCY



## BASIN OF RELEASE

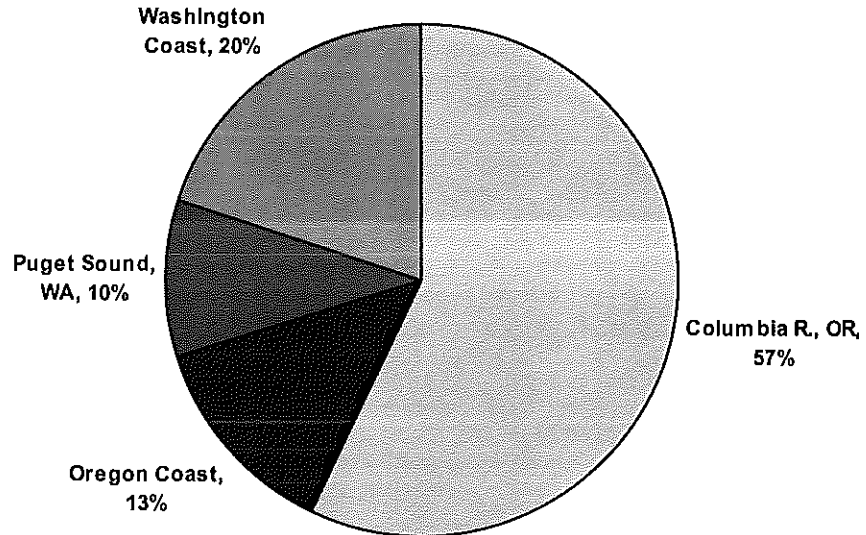


Figure 8. Observed recoveries of coho (N = 33) coded wire tags from Oregon commercial ocean troll salmon landings by release agency and basin of release, 2006. Note: Does not represent stock contribution rates since tagging is not representative of all stocks.

## **SPECIAL FISHERIES AND STUDIES**

### **New State Waters Bubble Fisheries**

A total of eight new state waters fisheries (0-3 miles) were established by the OFWC in 2006 (Figure 2 and Appendix Table 4). These fisheries, commonly referred to as "bubbles", were in addition to the Tillamook, Elk River, and Chetco River Chinook state waters fisheries. These eight new fisheries were established to increase fishing opportunity in state waters and designed to help offset some of the impact of the closures in federal waters. There was a weekly possession limit per vessel of 50 Chinook. Participation was relatively low, and most Chinook were landed from the Nehalem/Tillamook and Alsea bubbles (Figure 9). A total of 1,330 Chinook were landed from all of the new bubble fisheries combined.

### **Traditional State Waters Bubble Fisheries**

#### **Tillamook State Waters Fishery**

The Tillamook Twin Rocks to Pyramid Rock state waters fishery was adopted for the period of November 1-15. The fishery was designed to target returning healthy fall Chinook stocks to tributaries of Tillamook Bay (Miami, Kilchis, Wilson, Trask, and Tillamook rivers). Weather conditions at this time of year often are marginal, and effort is often restricted due to poor ocean conditions. During the 2006 November troll season extension off Tillamook, a total of 21 Chinook were landed. No coded wire tags were recovered.

#### **Elk River State Waters Chinook Fishery**

An ocean troll bubble fishery designed to target returning Elk River fall Chinook salmon was open from September 15 through December 15. This fishery was open within state waters (0-3 miles) in the area between Cape Blanco and Humbug Mountain with daily landing limit of 25 Chinook per vessel, and all fish were required to be landed in Port Orford.

A total of 1,897 Chinook were landed with an average weight of 16 lbs. Samplers recovered 192 snouts from adipose fin-clipped Chinook of which 186 contained readable CWTs. The recovered CWTs were from Elk River hatchery (184), Feather River hatchery (1), and Bandon hatchery (1).

#### **Chetco River State Waters Chinook Fishery**

A late season ocean troll bubble fishery designed to target returning Chetco River fall Chinook was open October 13 through November 3. This fishery was open within state waters (0-3 miles) in the area between Twin Rocks and the OR/CA border and had a quota of 1,000 Chinook, daily landing limit of 25 Chinook per vessel, and all fish were required to be landed into Brookings.



A total of 726 Chinook were landed with an average weight of 20.2 pounds. Samplers examined 281 Chinook (38.7%) and recovered 9 snouts from adipose fin-clipped Chinook (1% mark rate) of which 8 contained readable CWTs. The recovered CWTs were from the Sacramento basin (3) and Chetco River (5).

This information does not represent stock composition percentages as tags are not expanded for CWT marking rates or fishery sampling rates, and not all stocks are tagged.

## State Waters Fisheries

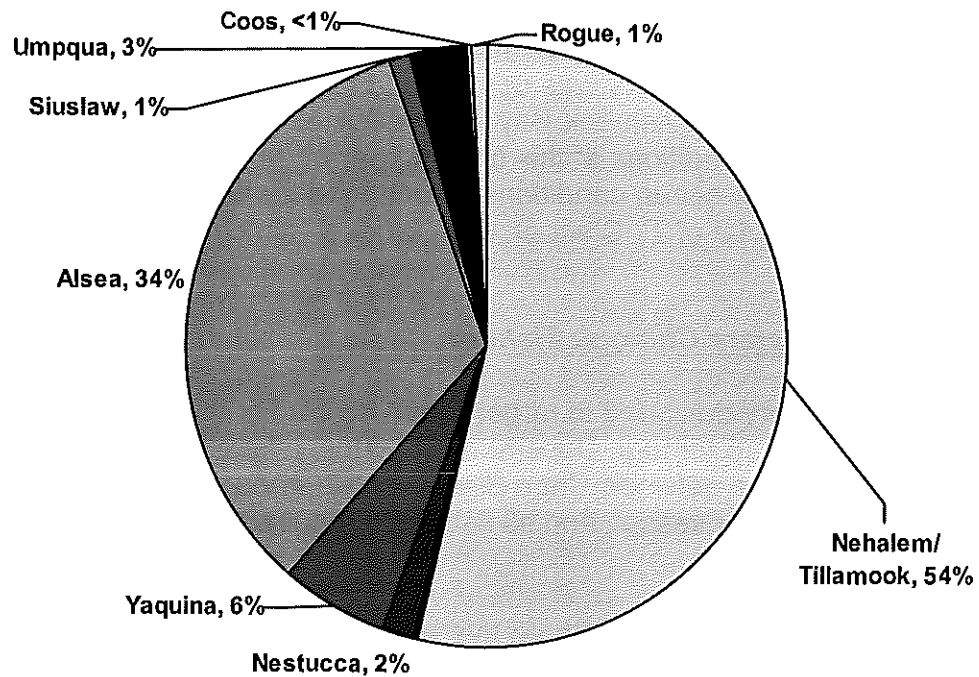


Figure 9. Commercial troll salmon landings from the new state waters fisheries, 2006. A total of 1,330 Chinook salmon were landed during these fisheries.

# 2006 OCEAN RECREATIONAL SALMON FISHERY

## BACKGROUND

Oregon's ocean recreational salmon fishery originated with boats fishing in the lower bays on mature salmon returning to freshwater in the fall. Boats would sometimes venture out into the ocean on favorable days. The late 1940s and early 1950s showed substantial growth in ocean fishing effort by both the charter and private boat fleet. Better and safer equipment plus the development of small boat basins and launching ramps and other support facilities in many coastal towns encouraged ocean fishing (PFMC, 1978).

The primary targeted species of the Oregon recreational fleet have traditionally been coho salmon and Chinook salmon. Pink salmon sometimes make up a small portion (1%) of the catch in odd numbered years. Chum salmon and steelhead trout are also occasionally caught, but state wide season totals for each species have seldom exceeded 100 fish from the ocean fishery. Sockeye salmon and cutthroat trout are rarely caught in the ocean recreational salmon fishery, and cutthroat trout are prohibited from retention in the ocean fishery.

The recreational ocean fishery has been sampled by ODFW's Ocean Salmon Management Program since the early 1960s. Ocean creel data was supplemented by salmon/steelhead tag license data through the 1980 season. Creel data alone have been used since 1981. Though salmon has been the main focus of the sampling project, there has been an increasing emphasis placed on sampling groundfish. The name of the sampling project was changed to the Ocean Recreational Boat Survey (ORBS) to more accurately reflect the full duties of the project in 2000.

The peak catch and effort year was 1976 when 538,400 angler trips resulted in a catch of 79,300 Chinook and 501,300 coho (Table 8). The daily bag limit in 1976 was 3 salmon and the season lasted from April 10 to December 31. Following the 1983 El Niño, restrictive quota limitations began to be placed on the recreational fishery. Then in 1994, all ocean coho seasons were closed, and this closure was continued through 1998 for all areas south of Cape Falcon. In 1999, the season structure included the first selective (hatchery only) coho fishery from Cape Falcon to Humbug Mt. and extensive Chinook fishing opportunities within the same area. Similar selective coho fisheries have been adopted every year since. The 2006 season resulted in an estimated ocean catch of 11,588 Chinook and 15,577 coho from 62,323 salmon angler trips (Tables 8, 9, 10, and 11). Staff made a few at sea observation trips on recreational vessels to observe marked to unmarked rates of coho intercepted.

Table 8. Oregon ocean recreational salmon catch and effort, 1966-2006<sup>a</sup>.

Year	Effort (Angler Trips)		Salmon Catch		
	Salmon	Total	Coho	Chinook	Pink
1966	-	-	227,900	37,400	-
1967	-	-	351,000	42,800	-
1968	-	-	265,800	25,100	-
1969	-	-	232,900	31,800	-
1970	-	-	257,400	42,900	-
1971	-	303,700	311,700	29,600	121
1972	-	331,700	248,400	44,100	58
1973	-	350,400	232,068	60,984	2,008
1974	-	335,849	314,501	36,729	34
1975	-	407,498	252,209	75,719	1,218
1976	-	538,414	501,306	79,316	50
1977	-	404,534	195,277	61,364	4,037
1978	-	403,740	259,769	22,844	24
1979	301,343	341,770	180,834	20,902	607
1980	331,443	362,015	325,843	19,014	24
1981	311,027	350,937	199,812	29,173	1,589
1982	226,022	275,947	175,128	38,716	14
1983	226,029	261,456	146,904	24,677	69
1984	153,061	203,591	123,325	16,992	3
1985	251,583	270,860	182,486	55,867	7,711
1986	186,971	216,068	218,907	22,829	8
1987	255,077	279,520	180,534	59,420	930
1988	250,651	282,849	226,873	38,327	0
1989	266,260	311,393	273,271	32,043	1,328
1990	246,555	294,031	200,646	26,548	3
1991	190,062	228,103	259,086	14,416	280
1992	165,317	219,330	185,845	12,573	19
1993	79,612	140,853	58,108	6,420	25
1994	26,897	95,143	46	6,037	0
1995	35,850	105,185	11,913	6,733	6
1996	43,962	109,810	7,176	11,210	0
1997	30,203	105,304	5,972	7,686	2
1998	25,728	110,585	2,272	4,021	0
1999	49,416	135,960	13,640	7,722	15
2000	78,579	156,199	33,182	25,466	0
2001	120,614	192,987	94,399	27,223	54
2002	107,641	177,887	36,537	47,480	2
2003	144,423	209,568	113,659	40,654	65
2004	145,702	210,586	71,829	56,438	0
2005	75,995	158,677	13,706	27,942	4
1979-2005 average	160,223	215,060	123,775	25,427	473
2006	62,323	148,652	15,577	11,588	0

<sup>a</sup> Prior to 1981, sampling data were supplemented with salmon/steelhead tag data for ports and not sampled

Table 9. Oregon ocean recreational effort in angler trips by port, by statistical month and by trip type<sup>a</sup>, 2006.

Port/Trip Type	Month												Total
	Jan	Feb	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
<u>Astoria</u>	-	-	-	-	503	43	1,753	6,019	892	-	-	-	9,210
Salmon	-	-	-	-	-	-	1,701	5,624	703	-	-	-	8,028
Non-salmon	-	-	-	-	503	43	52	395	189	-	-	-	1,182
<u>Garibaldi</u>	-	-	107	448	2,398	3,249	3,952	4,044	5,322	5,316	-	-	24,836
Salmon	-	-	2	16	382	1,130	2,082	1,287	4,564	5,080	-	-	14,543
Non-salmon	-	-	105	432	2,016	2,119	1,870	2,757	758	236	-	-	10,293
<u>Pacific City</u>	-	-	-	-	-	739	2,009	1,185	308	19	-	-	4,260
Salmon	-	-	-	-	-	204	1,112	160	98	6	-	-	1,580
Non-salmon	-	-	-	-	-	535	897	1,025	210	13	-	-	2,680
<u>Depoe Bay</u>	6	252	734	691	1,816	2,985	4,432	3,921	1,458	732	13	18	17,058
Salmon	-	-	-	4	18	538	1,522	505	351	41	-	-	2,979
Non-salmon	6	252	734	687	1,798	2,447	2,910	3,416	1,107	691	13	18	14,079
<u>Newport</u>	9	558	987	1,256	5,516	6,358	9,333	7,252	3,186	1,045	93	27	35,620
Salmon	-	-	8	39	121	1,055	3,925	1,372	613	258	-	-	7,391
Non-salmon	9	558	979	1,217	5,395	5,303	5,408	5,880	2,573	787	93	27	28,229
<u>Florence</u>	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmon	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-salmon	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Winchester Bay</u>	-	-	-	-	981	1,528	6,251	3,414	969	-	-	-	13,143
Salmon	-	-	-	-	137	1,380	6,179	3,375	960	-	-	-	12,031
Non-salmon	-	-	-	-	844	148	72	39	9	-	-	-	1,112
<u>Charleston</u>	-	-	206	620	1,879	1,982	4,183	2,580	1,269	551	9	-	13,279
Salmon	-	-	14	33	142	525	2,392	1,035	418	81	-	-	4,640
Non-salmon	-	-	192	587	1,737	1,457	1,791	1,545	851	470	9	-	8,639
<u>Bandon</u>	-	-	-	-	-	225	896	944	431	-	-	-	2,496
Salmon	-	-	-	-	-	86	169	184	58	-	-	-	497
Non-salmon	-	-	-	-	-	139	727	760	373	-	-	-	1,999
<u>Port Orford</u>	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmon	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-salmon	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>Gold Beach</u>	-	-	-	-	-	-	812	990	269	-	-	-	2,071
Salmon	-	-	-	-	-	-	34	34	6	-	-	-	74
Non-salmon	-	-	-	-	-	-	778	956	263	-	-	-	1,997
<u>Brookings</u>	53	266	289	1,030	2,337	5,772	4,202	5,991	2,829	3,738	107	65	26,679
Salmon	-	4	-	-	611	2,647	692	2,407	1,118	3,081	-	-	10,560
Non-salmon	53	262	289	1,030	1,726	3,125	3,510	3,584	1,711	657	107	65	16,119
<u>Total</u>	68	1,076	2,323	4,045	15,430	22,881	37,823	36,340	16,933	11,401	222	110	148,652
Salmon	-	4	24	92	1,411	7,565	19,808	15,983	8,889	8,547	-	-	62,323
Non-salmon	68	1,072	2,299	3,953	14,019	15,316	18,015	20,357	8,044	2,854	222	110	86,329

<sup>a</sup> Non-salmon effort is estimated only for those time periods when port sampling occurred, and is a total of bottomfish, tuna, dive, and halibut anglers.

Table 10. Oregon ocean recreational Chinook catch by port and month<sup>a</sup>, 2006.

Port	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Total
Astoria	—	—	0	0	81	357	56	—	—	494
Garibaldi	0	0	40	67	122	70	1,030	1,944	49	3,322
Pacific City	—	—	—	8	81	3	6	—	—	98
Depoe Bay	0	0	6	28	97	41	22	7	—	201
Newport	2	1	11	49	197	72	66	73	—	471
Florence	—	—	—	—	—	—	—	—	—	0
Winchester Bay	—	—	0	328	2,414	923	311	—	—	3,976
Coos Bay	0	3	11	51	735	189	137	0	—	1,126
Bandon	—	—	—	9	12	75	12	—	—	108
Port Orford	—	—	—	—	—	—	—	—	—	0
Gold Beach	—	—	—	0	2	0	0	—	—	2
Brookings	0	0	52	513	184	453	191	397	—	1,790
Statewide Total	2	4	120	1,053	3,925	2,183	1,831	2,421	49	11,588

<sup>a</sup> Monthly totals are the sum of statistical weeks estimates with closest fit to calendar month

Table 11. Oregon ocean recreational coho<sup>b</sup> catch by port and month<sup>a</sup>, 2006.

Port	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Total
Astoria	—	—	0	0	1,616	3,490	221	—	—	5,327
Garibaldi	0	0	0	139	623	132	53	0	0	947
Pacific City	—	—	—	45	425	15	10	—	—	495
Depoe Bay	0	0	0	31	758	103	91	0	—	983
Newport	0	0	0	70	2,956	277	268	0	—	3,571
Florence	—	—	—	—	—	—	—	—	—	0
Winchester Bay	—	—	0	120	2,756	74	16	—	—	2,966
Coos Bay	0	0	0	18	458	31	3	0	—	510
Bandon	—	—	—	46	38	12	1	—	—	97
Port Orford	—	—	—	—	—	—	—	—	—	0
Gold Beach	—	—	—	0	0	4	0	—	—	4
Brookings	0	0	2	474	117	67	10	7	—	677
Statewide Total	0	0	2	943	9,747	4,205	673	7	0	15,577

<sup>a</sup> Monthly totals are the sum of statistical weeks estimates with closest fit to calendar month

<sup>b</sup> Not all landings were legal

## **SAMPLING METHODOLOGY**

### **Sampling areas and staffing**

Twenty-seven seasonal employees were hired to fill twenty-two separate positions to sample the ocean recreational fishery at ten coastal ports in 2006 (Appendix Table 1). This included eight seasonal employees who were combination commercial troll and recreational samplers. Two sampling coordinators also provided sampling backup.

Sampling started at the beginning of March in the major ports of Garibaldi, Depoe Bay, Newport, Charleston, and Brookings. In Astoria and Winchester Bay sampling began by the start of May and in Bandon, Gold Beach, and Pacific City sampling started mid June. In most ports sampling continued in the recreational fishery through mid to late September or October (Appendix table 1). All samplers counted ocean boat effort and interviewed returning anglers except for one sampler in Astoria, who was employed for a limited duration from mid August to mid September to conduct ocean boat effort counts only.

### **Sampling Design**

The recreational creel survey design is based on probability sampling, which incorporates both stratified and random sampling. In 2006, ocean anglers were interviewed at boat ramps, moorages, and charter docks to determine: (1) number of anglers per boat, (2) boat and trip type, (3) departure time, (4) trip duration, (5) area fished, (6) catch by species, and (7) released fish by species. Biological sampling and CWT scanning were also conducted during boat interviews. All encountered marked (adipose fin-clipped) salmon were scanned with a CWT detection wand to determine whether a tag was present. Snouts were collected from salmon that tested positive to the scan. The snouts were forwarded to the ODFW tag recovery laboratory at Clackamas for decoding.

Samplers usually worked from early morning to late afternoon, but hours varied to reflect fishing activity. All ORBS sampling data was recorded on handheld computers. Data were gathered weekly and transported to the Newport ODFW office for error checking, summarization, and analysis.

Estimates of private boat ocean effort were obtained through boat counts by ORBS samplers. In Astoria, Newport, Winchester Bay, Coos Bay, and Brookings the boat counters monitored bar crossings beginning at dawn (usually starting at 5:00 AM) and continuing until 10:00 AM, and then sampled for the remainder of their shift. The sampling project staff applied expansion factors to effort counts based on the ratio of boats interviewed that reported departure times outside the effort count periods. Similar bar crossing counts and expansions were made in Garibaldi, but these counts were made from dawn until 11:00 AM to account for the late rush of boats at the turn of the tide in Garibaldi. In Pacific City, Depoe Bay, Bandon, and Gold Beach total ocean effort was estimated from a combination of boat trailer, moorage slip counts, and a tally of

outgoing boats during the sampling period (usually 8:00 AM until 4:00 PM). Counts are averaged using adjacent days of the same type (i.e. weekday or weekend/holiday) with similar season types for days when no bar crossing counts were available.

Samplers contacted charter companies directly to determine the number of charter boat trips by trip type (i.e. salmon, bottomfish, combination salmon/other fish, halibut, or tuna) for each day. The exception was Astoria/Warrenton where charter boat effort was estimated by the bar crossing counts.

Catch sampling rates in 2006 ranged from a high of 62% at Bandon, to a low of 27% at Winchester Bay. Samplers checked 36% of the total ocean recreational salmon catch in 2006 (Appendix Table 10).

### **Quota Assessment**

Catch and effort data were error-checked and then processed in-house by the sampling project office staff. Angler interviews were stratified by charter and private boats to provide average catch rates by species for each boat type (i.e. charter and private). Total charter and private catch estimates were obtained by multiplying the average catch by boat to total effort for each port and time period. The same method was used to estimate total angler trips. The survey provided weekly estimates of Oregon's ocean recreational effort and catch within 4 days after weeks end. A preliminary catch estimate was usually available within two days of the end of the week. These catch estimates were necessary for timely monitoring of fishery catch quotas.

## **REGULATIONS**

### **General**

The Oregon Coast is divided into three general salmon management areas: North of Cape Falcon, Cape Falcon to Humbug Mountain, and south of Humbug Mountain. The 2006 regulations were adopted by the PFMC and signed into law by the Secretary of Commerce (Figure 10). The OFWC adopted the regulations as written by the PFMC for state waters (0-3 miles), and adopted three additional Chinook only seasons in state waters. Appendix Table 11 summarizes the history of Oregon's recreational ocean salmon regulations.

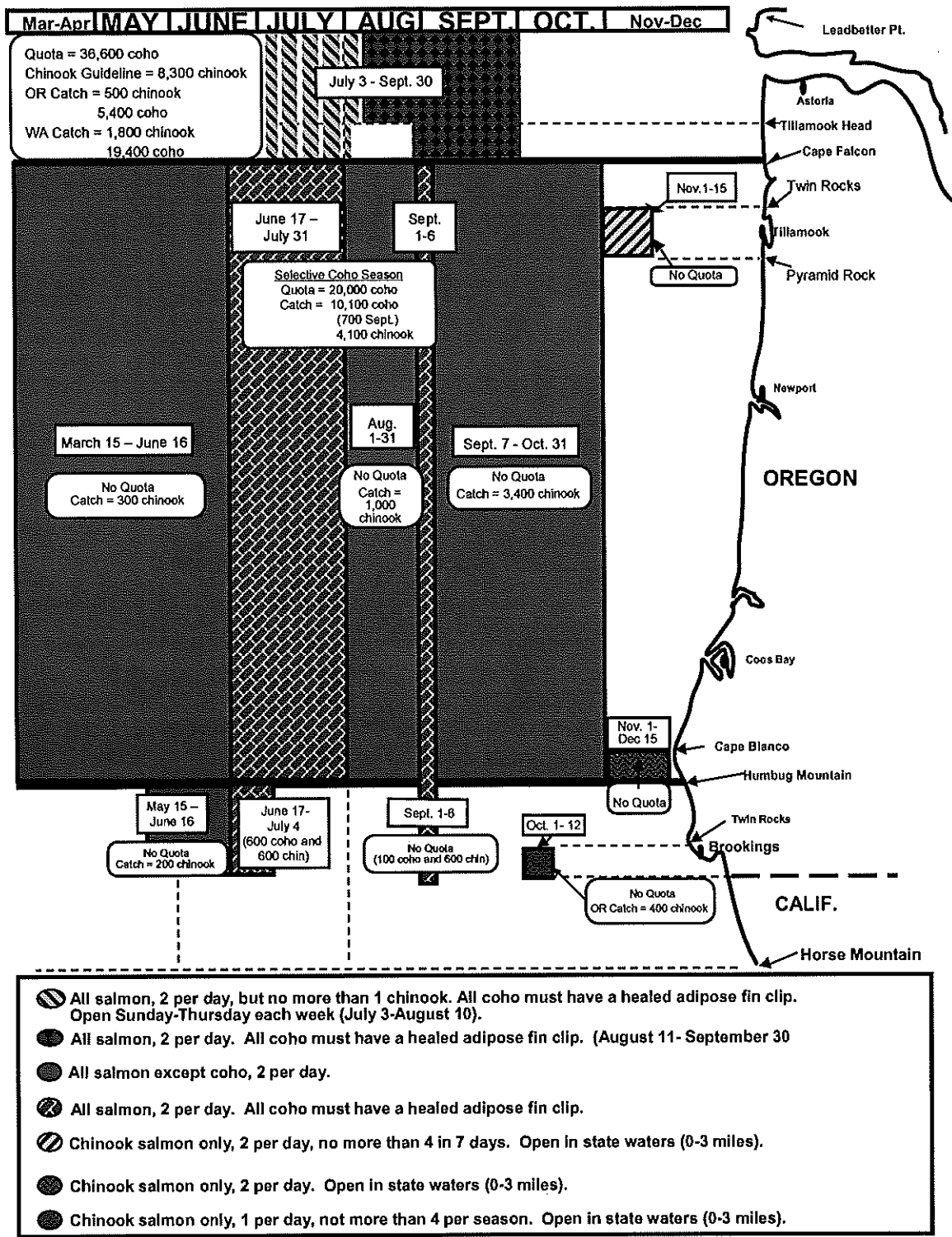


Figure 10. Ocean recreational salmon seasons, quotas, and landings off Oregon, 2006



## **North of Cape Falcon**

The recreational salmon season was scheduled to run from July 3 through the earlier of September 30 or a 36,600 marked coho subarea quota and with a subarea guideline of 8,300 Chinook. The open period was Sunday through Thursday for all salmon with a possession limit of 2 salmon per day, and no more than one Chinook. All retained coho were required to be marked with a healed clipped adipose fin. Gear was restricted to no more than 2 single-point, single-shank, barbless hooks; and minimum size limits were Chinook 24", coho 16", and steelhead 20". There were no minimum sizes for pink, chum, or sockeye salmon. The area between Tillamook Head and Cape Falcon closed to all salmon fishing beginning August 1.

Inseason action was taken July 24 opening ocean salmon fishing to seven days weekly starting August 11. Action was also taken opening the area from Tillamook Head to Cape Falcon for salmon fishing starting August 26 until the fishery closed on September 30.

## **Cape Falcon to Humbug Mountain**

The all-salmon-except-coho season in the area from Cape Falcon to Humbug Mountain proceeded as scheduled from March 15 through October 31. The daily bag limit was two salmon other than coho. Coho were prohibited in the catch, except during the selective coho fishery. Anglers were restricted to no more than two single point, single shank barbless hooks. Minimum size limits were 20" for Chinook and steelhead. There were no size restrictions for pink, chum, or sockeye salmon. During the Chinook salmon season, an estimated 9,300 Chinook were landed and retained.

As scheduled the coho selective fishery from Cape Falcon to Oregon/California border extended from June 17 through July 31 and September 1 through September 6. The quota for the season was set at 22,500 coho with a bag limit of two salmon per day. All retained coho were required to be at least 16" in length and marked with a healed clipped adipose fin. Landings during this fishery were estimated at 10,150 marked coho. An additional 100 coho were landed and retained illegally outside the selective fishery.

In 1996, a fishery triangular control zone was established around the mouth of Tillamook Bay to provide added protection for local salmon stocks of concern, both spring Chinook and coho. Originally, ODFW staff erected US Coast Guard approved markers at the northern and southern boundaries of the zone. Since 2005 geographical land marks have replaced the ODFW markers, Twin rocks to the north and Pyramid rock to the south (Appendix Figure 1). In 2006, the control zone was open for salmon fishing March 15 through July 31. The regulations specified that retained Chinook must be marked with an adipose fin clip. The minimum size limits were 20" for Chinook and anglers were permitted to use barbed hooks, except during the selective coho fishery. During the selective coho fishery, all rules for the Cape Falcon to Humbug Mt. area as described previously applied to the triangular control zone as well as to the Tillamook terminal area.

The Tillamook terminal area was established to link the inside fishery with the nearshore ocean Chinook fishery. The terminal area boundary extended from Twin Rocks to the north of Tillamook Bay, down to Pyramid Rock to the south and within state waters (0-3 miles). The terminal area fishery was open for spring Chinook from March 15 through July 31, and for fall Chinook from August 1 through November 15. Special bag limits were established for the fall fishery, which permitted the retention of 2 Chinook per day, 4 in 7 consecutive days with a maximum of 10 per season. (Note: this special bag limit included the Nehalem, Tillamook, and Nestucca basins.)

### **Humbug Mountain to Horse Mountain, California**

The season in the area from Humbug Mountain to Horse Mountain, California was open from May 15 through July 4, and September 1 through September 6. This fishery was open 7 days per week for all salmon except coho with a bag limit of two salmon per day. The retention of coho was permitted during the selective coho fishery as described above from June 17 through July 4. The minimum size limit for Chinook was 24", for steelhead was 20"; but there was no size restriction for pink, chum, or sockeye salmon. There were no quota restrictions in this season in 2006. Gear was restricted to no more than two single point, single shank barbless hooks. Total Oregon landings during the general season were estimated at 1,354 Chinook.

### **State Waters Recreational Fisheries**

#### **November 1-15 fishery off Tillamook Bay**

The Oregon Fish and Wildlife Commission authorized a Chinook only season within state waters (0-3 miles) off Tillamook Bay between Twin Rocks and Pyramid Rock for the period of November 1 through 15. Gear restrictions and bag limits are the same as described above in the Cape Falcon to Humbug Mt. section. No quota was in effect during this season, the fishery was not sampled, and no estimate of catch is available.

#### **November Fishery off Port Orford**

This state waters (0-3 miles) Chinook only fishery extended from Cape Blanco to Humbug Mountain and had no quota. The season was open November 1 through December 15. A bag limit of two Chinook per day was in effect. Minimum size for Chinook was 20", and single point, single shank barbless hooks were required. The recreational fishery off Port Orford was not sampled this season. The sport effort and catch in this ocean season has traditionally been minimal due to the remote location and specialized equipment needed to launch at Port Orford.

### **October Fishery off of Brookings**

The Oregon Fish and Wildlife Commission set a Chinook only state waters (0-3 miles) season off Brookings between Twin Rocks and the OR/CA border. The season was open October 1 through 12 without a Chinook quota. Minimum size for Chinook was 20", and single point, single shank barbless hooks were required. A bag limit of one Chinook per day and no more than four for the season was in effect. An estimated 436 Chinook were caught during this season in 2006.

## **EFFORT AND CATCH STATISTICS**

### **Effort**

Before 1979, ocean recreational effort data included a small number of bottomfishing trips. Since 1979, salmon fishing trips have been separated from bottomfishing trips. Usually ocean anglers choose salmon fishing over bottomfishing when both fisheries are available. However this has not been the case for ports from Coos Bay north where recent Chinook-only seasons have generated only mild interest in the fishing community, and bottomfishing trips have tended to predominate throughout the season in most areas.

The sharp drop in effort caused by limited salmon seasons has been only slightly buffered by a comparable increase in non-salmon fishing effort. A total of 62,323 angler fishing trips (23,169 boat trips) for salmon and 86,329 angler fishing trips for other species were taken by anglers in 2006 (Tables 12, 13, and 14). The total combined 2006 salmon and non-salmon effort of 148,652 angler trips was down 6% from the 158,677 trips in 2005, and was 31% below the 1979-2005 average of 215,060 angler trips (Table 8).

In 2006, 62,323 angler trips targeted salmon coastwide, which was a decline of 18% from 2005 and 61% decrease from the 1979-2005 average of 160,223 angler trips (Table 8). July was the peak month for salmon effort with 19,808 salmon angler trips or 32% of the total (Table 9 and Figure 11). August was the top month for non-salmon fishing effort with 20,357 angler trips (Table 9, and Figure 11).

Newport recorded the highest number of angler trips, total of 35,620 salmon and non-salmon fishing trips combined (Tables 9, 14, and Appendix Table 12). Garibaldi had the most salmon fishing effort with 14,543 angler trips or 23% of the state's total (Table 9 and Figure 12). Winchester Bay followed with 12,031 salmon angler trips. Further, the Coos Bay catch area had the highest number of salmon angler trips followed by the Tillamook catch area (Figure 13). Note that "port" and "catch area" are not synonymous terms.

Newport had the most non-salmon fishing activity with 28,229 trips (Table 9). Brookings, Depoe Bay, and Garibaldi followed with 16,119, 14,079, and, 10,293,

respectively (Table 9). Appendix Table 13 shows past ocean recreational salmon effort and catch by catch areas.

## **Catch**

### **Chinook**

The 2006 Oregon ocean recreational Chinook salmon catch was estimated at 11,588 fish, a 41% decrease over the 2005 Chinook landings of 27,942, and a 46% decrease from the 1979-2005 average of 25,427 Chinook (Table 8, and Figure 14). Historical catch patterns are shown in Appendix Tables 14 and 15, and weekly landings for 2006 are available in Appendix Table 16. Winchester Bay anglers caught 3,976 Chinook (34%), anglers fishing out of Garibaldi caught 3,322 Chinook (29%), and anglers at Brookings brought in 1,790 Chinook (15%) (Tables 10, 12, and Figure 15). July was the month with the highest catch, 3,925 or 38% of the Chinook landings (Table 10, Figure 16).

### **Coho**

In 2006, Oregon recreational anglers landed 15,577 coho, which was a 14% increase from the 2005 landings of 13,706 coho, but was a 27% decrease from the 1979-2005 average of 123,775 coho (Table 8, Appendix Table 17). Most of the coho were landed in Astoria and Newport with landings of 5,327 (34%) and 3,571 (23%), respectively (Table 11, Figure 15, and Appendix Table 18). Furthermore, the Columbia River catch area had the highest number of coho landed, followed by the Newport catch area (Figure 17). As the Cape Falcon to Humbug Mt. area coho season was open primarily in July (Appendix Table 11), July accounted for the majority of the landings with 9,747 coho (63%)(Table 11 and Figure 17).

## **CHARTER/PRIVATE BOAT FISHERIES**

### **Background**

Approximately 84 charter boats actively participated in Oregon ocean fisheries in 2006, compared to 94 vessels in 2005. Exact estimation of active vessels is difficult due to a lack of logbook requirements and the fact that not all licensed vessels actively participate in the fishery. Some "river guides" also participate in the ocean fishery, but are not included in the charter boat estimates. Since 1983, we have monitored charter boat participation in Oregon. Active vessels have ranged from 158 boats in 1988 to 82 boats in 1994 (Appendix Table 19). Salmon was the primary pursuit in all ports when coho were allowed to be retained, but since 2005 bottomfish have been more important even during the coho season.

Estimates are unavailable for the number of individual private boats that fished in the ocean. Estimates of total boat trips are calculated for private boats, but the number of individual boats that fish is unknown.

## ANGLER TRIPS

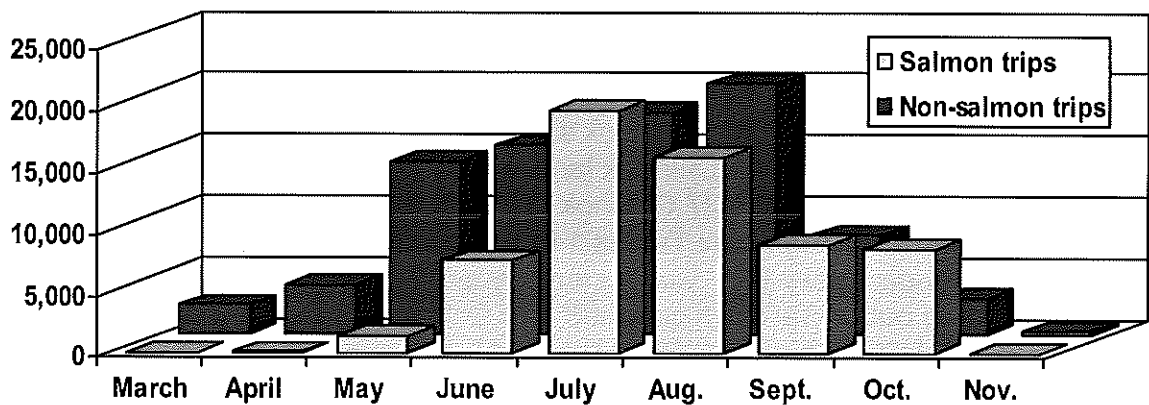


Figure 11. Oregon ocean angler trips by target species during the 2006 salmon season.

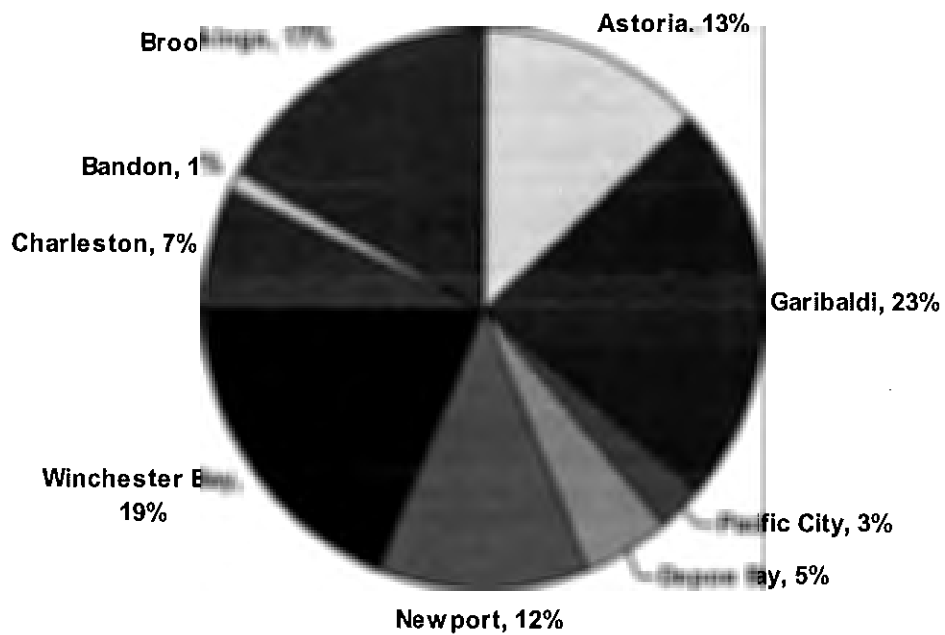
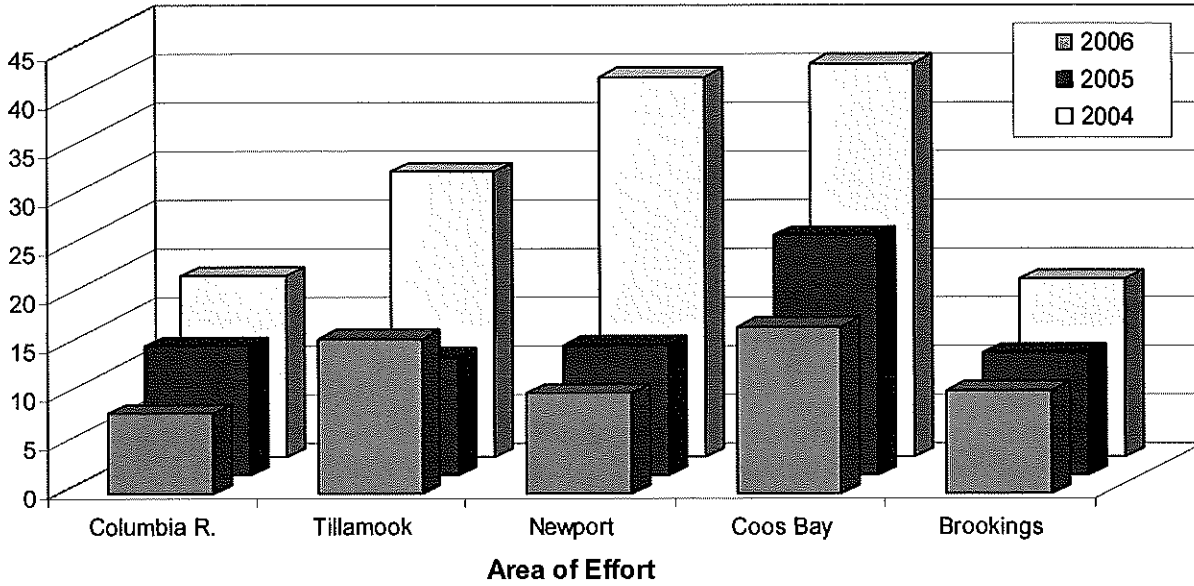


Figure 12. Recreational ocean salmon angler trips by port, 2006.

# Effort

ANGLER TRIPS (thousands)



ANGLER TRIPS (thousands)

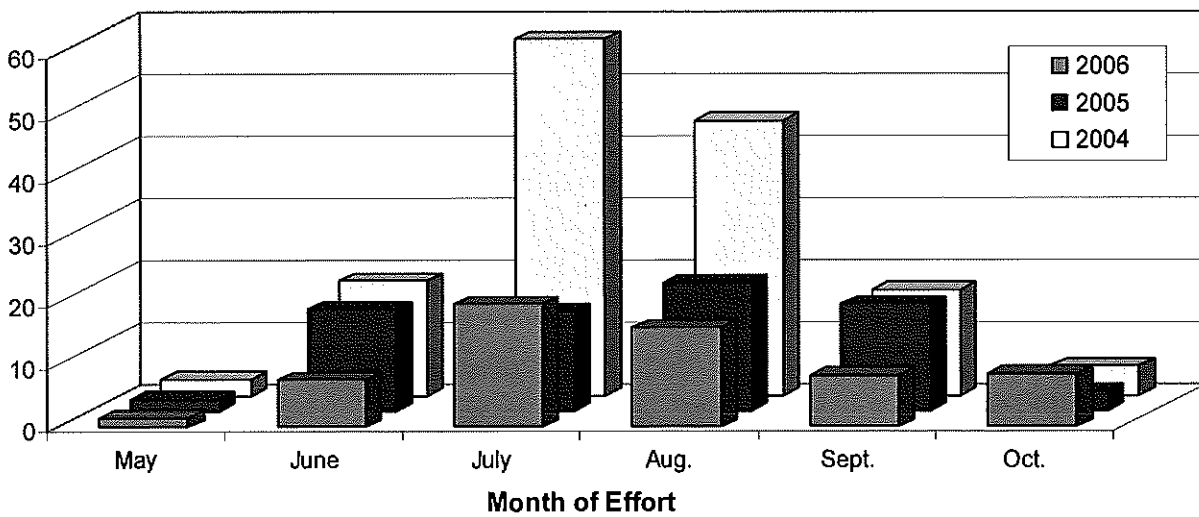


Figure 13. Oregon recreational salmon angler trips by catch area and month, 2004 – 2006.

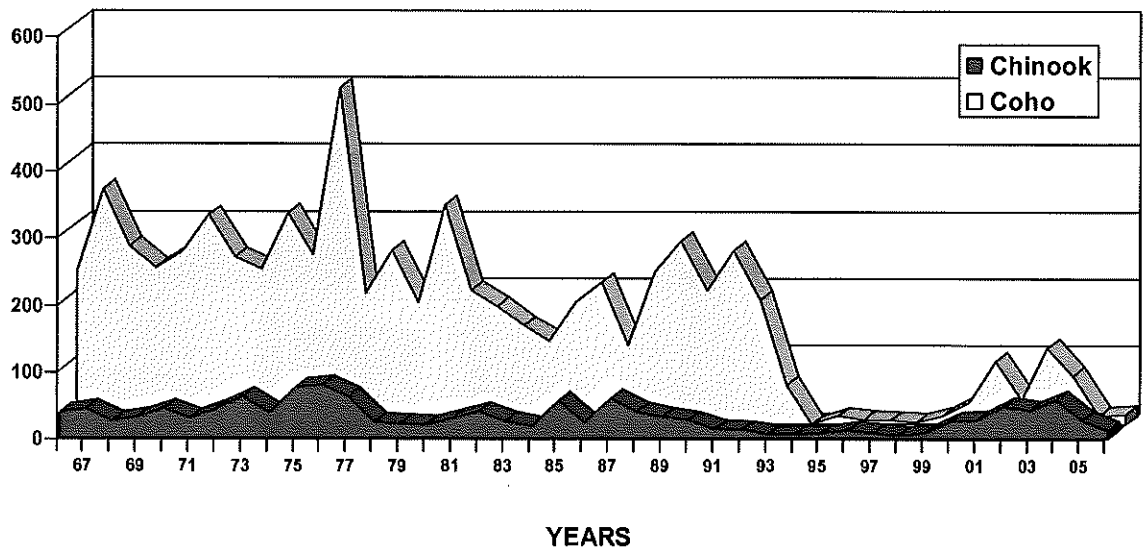


Figure 14. Oregon's recreational ocean salmon catch, 1966-2006.

### Charter angler effort

The 2006 charter boat salmon fishery effort was estimated at 7,954 angler trips; a 19% decrease from the 2005 effort of 9,861 angler trips (Table 12). Charter anglers made up only 13% of the total ocean salmon trips (Table 12, Figure 18, and Appendix Tables 20 and 21). When bottomfishing trips were added, charters accounted for 33% of the total angler trips (Table 14).

The 13 charter boats from Astoria had the most salmon and combination angler trips, with 2,040 total trips. Newport with 16 boats and Winchester Bay with 10 boats were the next busiest salmon charter ports with 1,620 and 1,610 angler trips respectively. Newport and Depoe Bay were the two most active charter ports for non-salmon species with 14,726 and 11,388 angler trips respectively (Tables 13 and 14).

A total of 40,727 charter anglers targeted non-salmon species during our sampling period; compared to only 7,954 charter anglers that targeted salmon (Table 14). The high interest in bottomfishing, halibut, and tuna reflects both the limited seasons for coho salmon and a continued interest in deepwater halibut and a growing interest in tuna fishing. A small percentage of total bottomfish effort takes place outside the sampling season, and is not estimated in this report.

Table 12. Oregon ocean recreational salmon effort and catch by boat type<sup>a</sup>, 2006.

SALMON CHARTER BOATS <sup>a</sup>					
Port	Boat Trips	Angler Trips	Total Catch		
			Chinook	Coho	Pink
Astoria	249	2,040	94	1,866	0
Garibaldi	80	566	129	111	0
Pacific City	26	111	7	29	0
Depoe Bay	223	1,361	82	374	0
Newport	182	1,620	108	661	0
Florence	—	—	—	—	0
Winchester Bay	328	1,610	893	423	0
Coos Bay	18	104	30	4	0
Bandon	44	278	85	84	0
Port Orford	—	—	—	—	—
Gold Beach	1	6	0	0	0
Brookings	66	258	29	13	0
<b>Total</b>	<b>1,217</b>	<b>7,954</b>	<b>1,457</b>	<b>3,565</b>	<b>0</b>

SALMON PRIVATE BOATS <sup>a</sup>					
Port	Boat Trips	Angler Trips	Total Catch		
			Chinook	Coho	Pink
Astoria	2,039	5,988	400	3,461	0
Garibaldi	5,589	13,977	3,193	836	0
Pacific City	533	1,469	91	466	0
Depoe Bay	621	1,618	119	609	0
Newport	2,239	5,771	363	2,910	0
Florence	—	—	—	—	—
Winchester Bay	4,346	10,421	3,083	2,543	0
Coos Bay	1,952	4,536	1,096	506	0
Bandon	106	219	23	13	0
Port Orford	—	—	—	—	—
Gold Beach	28	68	2	4	0
Brookings	4,499	10,302	1,761	664	0
<b>Total</b>	<b>21,952</b>	<b>54,369</b>	<b>10,131</b>	<b>12,012</b>	<b>0</b>

COMBINED TOTALS <sup>a</sup>					
Port	Boat Trips	Angler Trips	Total Catch		
			Chinook	Coho	Pink
Astoria	2,288	8,028	494	5,327	0
Garibaldi	5,669	14,543	3,322	947	0
Pacific City	559	1,580	98	495	0
Depoe Bay	844	2,979	201	983	0
Newport	2,421	7,391	471	3,571	0
Florence	—	—	—	—	—
Winchester Bay	4,674	12,031	3,976	2,966	0
Coos Bay	1,970	4,640	1,126	510	0
Bandon	150	497	108	97	0
Port Orford	—	—	—	—	—
Gold Beach	29	74	2	4	0
Brookings	4,565	10,560	1,790	677	0
<b>Total</b>	<b>23,169</b>	<b>62,323</b>	<b>11,588</b>	<b>15,577</b>	<b>0</b>

<sup>a</sup> Includes all trips where salmon were caught and retained



Table 13. Oregon ocean recreational salmon and bottomfish effort and catch by boat and trip type, 2006.

CHARTER								
Port	Boat Trips						Total Catch	
	Salmon	Combination <sup>a</sup>	Bottom	Dive	Halibut	Tuna	Salmon <sup>b</sup>	Other <sup>c</sup>
Astoria	249	0	6	0	51	16	1,960	888
Garibaldi	66	14	362	10	110	4	240	26,663
Pacific City	12	14	70	0	1	0	36	2,160
Depoe Bay	210	13	1,041	0	57	13	456	46,661
Newport	139	43	1,005	2	182	72	769	64,946
Florence	-	-	-	-	-	-	-	-
Winchester Bay	328	0	10	0	16	0	1,316	216
Coos Bay	18	0	262	1	24	1	34	17,821
Bandon	39	5	87	1	9	11	169	6,139
Port Orford	-	-	-	-	-	-	-	-
Gold Beach	0	1	82	0	0	0	0	3,052
Brookings	49	17	249	3	0	0	42	15,840
<b>Total</b>	<b>1,110</b>	<b>107</b>	<b>3,174</b>	<b>17</b>	<b>450</b>	<b>117</b>	<b>5,022</b>	<b>186,406</b>

PRIVATE								
Port	Boat Trips						Total Catch	
	Salmon	Combination <sup>a</sup>	Bottom	Dive	Halibut	Tuna	Salmon <sup>b</sup>	Other <sup>c</sup>
Astoria	2,018	21	51	0	73	50	3,861	1,513
Garibaldi	5,185	404	724	14	603	191	4,029	12,181
Pacific City	296	237	725	3	54	37	557	9,722
Depoe Bay	576	45	603	2	172	116	728	8,830
Newport	1,688	551	1,820	6	2,531	201	3,273	23,408
Florence	-	-	-	-	-	-	-	-
Winchester Bay	4,323	23	175	0	111	3	5,626	812
Coos Bay	1,509	443	1,763	7	144	68	1,602	20,102
Bandon	59	47	282	0	53	26	36	3,887
Port Orford	-	-	-	-	-	-	-	-
Gold Beach	4	24	584	0	0	2	6	6,526
Brookings	3,619	880	5,261	65	6	70	2,425	49,549
<b>Total</b>	<b>19,277</b>	<b>2,675</b>	<b>11,988</b>	<b>97</b>	<b>3,747</b>	<b>764</b>	<b>22,143</b>	<b>136,530</b>

COMBINED TOTALS								
Port	Boat Trips						Total Catch	
	Salmon	Combination <sup>a</sup>	Bottom	Dive	Halibut	Tuna	Salmon <sup>b</sup>	Other <sup>c</sup>
Astoria	2,267	21	57	0	124	66	5,821	2,401
Garibaldi	5,251	418	1,086	24	713	195	4,269	38,844
Pacific City	308	251	795	3	55	37	593	11,882
Depoe Bay	786	58	1,644	2	229	129	1,184	57,511
Newport	1,827	594	2,825	8	2,713	273	4,042	88,354
Florence	-	-	-	-	-	-	-	-
Winchester Bay	4,651	23	185	0	127	3	6,942	1,028
Coos Bay	1,527	443	2,025	8	168	69	1,636	37,923
Bandon	98	52	369	1	62	37	205	10,026
Port Orford	-	-	-	-	-	-	-	-
Gold Beach	4	25	666	0	0	2	6	9,578
Brookings	3,668	897	5,510	68	6	70	2,467	65,389
<b>Total</b>	<b>20,387</b>	<b>2,782</b>	<b>15,162</b>	<b>114</b>	<b>4,197</b>	<b>881</b>	<b>27,165</b>	<b>322,936</b>

<sup>a</sup> Combination trips are defined as trips where salmon and non-salmon species were targeted.

<sup>b</sup> Includes: coho, Chinook, and pink salmon.

<sup>c</sup> Bottomfish includes: rockfish, lingcod, flatfish, and miscellaneous species.

Table 14. Oregon ocean recreational salmon and bottomfish effort and catch by angler and trip type, 2006.

CHARTER								
Port	Angler Trips						Total Catch	
	Salmon	Combination <sup>a</sup>	Bottom	Dive	Halibut	Tuna	Salmon <sup>b</sup>	Other <sup>c</sup>
Astoria	2,040	0	72	0	416	108	1,960	888
Garibaldi	452	114	4,520	100	997	38	240	26,663
Pacific City	49	62	307	0	4	0	36	2,160
Depoe Bay	1,254	107	10,682	0	612	94	456	48,681
Newport	1,190	430	11,743	27	2,310	646	769	64,946
Florence	-	-	-	-	-	-	-	-
Winchester Bay	1,610	0	50	0	100	0	1,318	216
Coos Bay	104	0	3,087	14	413	10	34	17,821
Bandon	241	37	870	7	97	83	169	6,139
Port Orford	-	-	-	-	-	-	-	-
Gold Beach	0	6	503	0	0	0	0	3,052
Brookings	189	69	2,810	7	0	0	42	15,840
<b>Total</b>	<b>7,129</b>	<b>825</b>	<b>34,644</b>	<b>155</b>	<b>4,949</b>	<b>979</b>	<b>5,022</b>	<b>186,406</b>

PRIVATE								
Port	Angler Trips						Total Catch	
	Salmon	Combination <sup>a</sup>	Bottom	Dive	Halibut	Tuna	Salmon <sup>b</sup>	Other <sup>c</sup>
Astoria	5,927	61	134	0	265	187	3,861	1,513
Garibaldi	12,961	1,016	2,035	56	1,907	640	4,029	12,181
Pacific City	807	662	2,142	10	137	80	557	9,722
Depoe Bay	1,499	119	1,687	4	614	386	728	8,830
Newport	4,362	1,409	4,874	15	7,969	645	3,273	23,408
Florence	-	-	-	-	-	-	-	-
Winchester Bay	10,368	53	562	0	388	12	5,626	812
Coos Bay	3,511	1,025	4,442	23	505	145	1,602	20,102
Bandon	108	111	693	0	173	76	36	3,887
Port Orford	-	-	-	-	-	-	-	-
Gold Beach	16	52	1,488	0	0	6	6	6,526
Brookings	8,213	2,089	12,943	166	14	179	2,425	49,549
<b>Total</b>	<b>47,772</b>	<b>6,597</b>	<b>31,000</b>	<b>274</b>	<b>11,972</b>	<b>2,356</b>	<b>22,143</b>	<b>136,530</b>

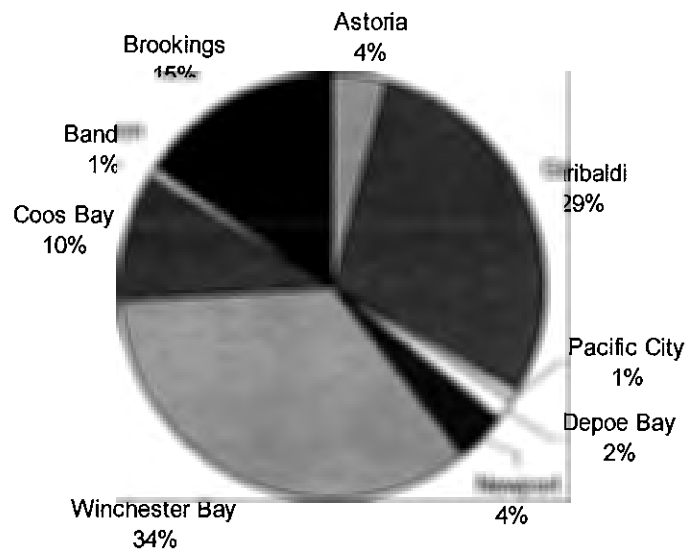
COMBINED TOTALS								
Port	Angler Trips						Total Catch	
	Salmon	Combination <sup>a</sup>	Bottom	Dive	Halibut	Tuna	Salmon <sup>b</sup>	Other <sup>c</sup>
Astoria	7,987	61	206	0	681	295	5,821	2,401
Garibaldi	13,413	1,130	6,555	156	2,904	678	4,269	38,844
Pacific City	856	724	2,449	10	141	80	593	11,882
Depoe Bay	2,753	226	12,369	4	1,226	480	1,184	57,511
Newport	5,552	1,839	16,617	42	10,279	1,291	4,042	88,354
Florence	-	-	-	-	-	-	-	-
Winchester Bay	11,978	53	612	0	488	12	6,942	1,028
Coos Bay	3,615	1,025	7,529	37	918	155	1,636	37,923
Bandon	349	148	1,563	7	270	159	205	10,026
Port Orford	-	-	-	-	-	-	-	-
Gold Beach	16	58	1,991	0	0	6	6	9,578
Brookings	8,402	2,158	15,753	173	14	179	2,467	65,389
<b>Total</b>	<b>54,901</b>	<b>7,422</b>	<b>65,644</b>	<b>429</b>	<b>16,921</b>	<b>3,335</b>	<b>27,165</b>	<b>322,936</b>

<sup>a</sup> Combination trips are defined as trips where salmon and non-salmon species were targeted.

<sup>b</sup> Includes: coho, Chinook, and pink salmon.

<sup>c</sup> Bottomfish includes: rockfish, lingcod, flatfish, and miscellaneous species.

## Chinook



## Coho

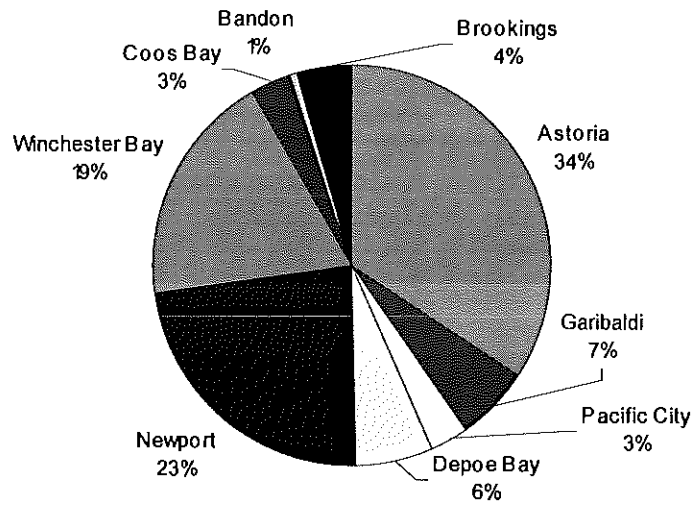
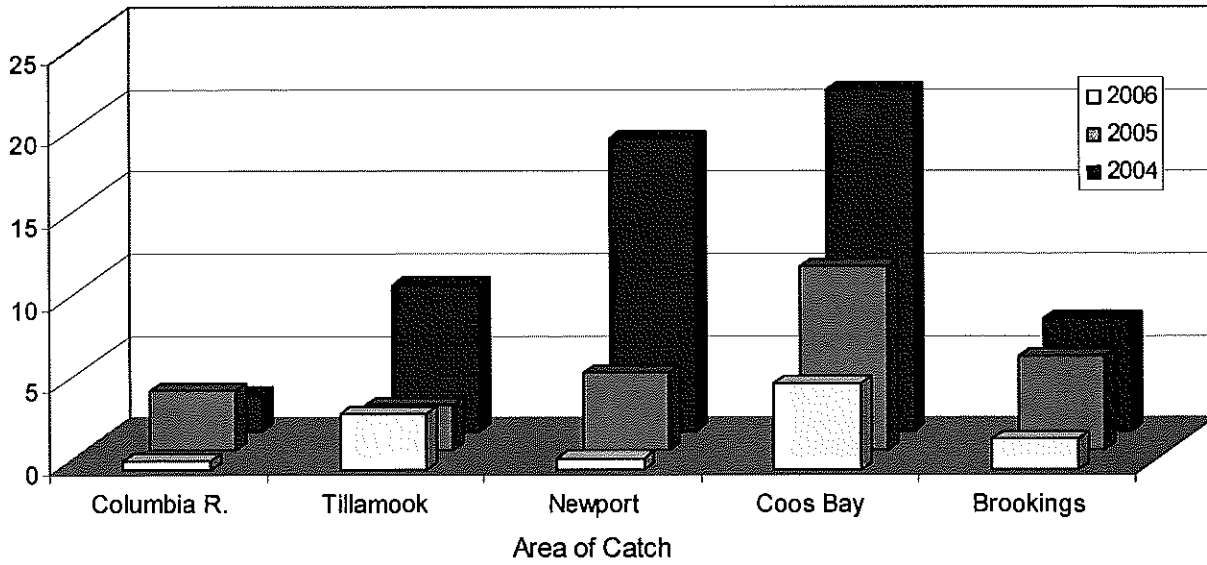


Figure 15. Oregon recreational Chinook and coho catch by port, 2006.

# Chinook

FISH (thousands)



FISH (thousands)

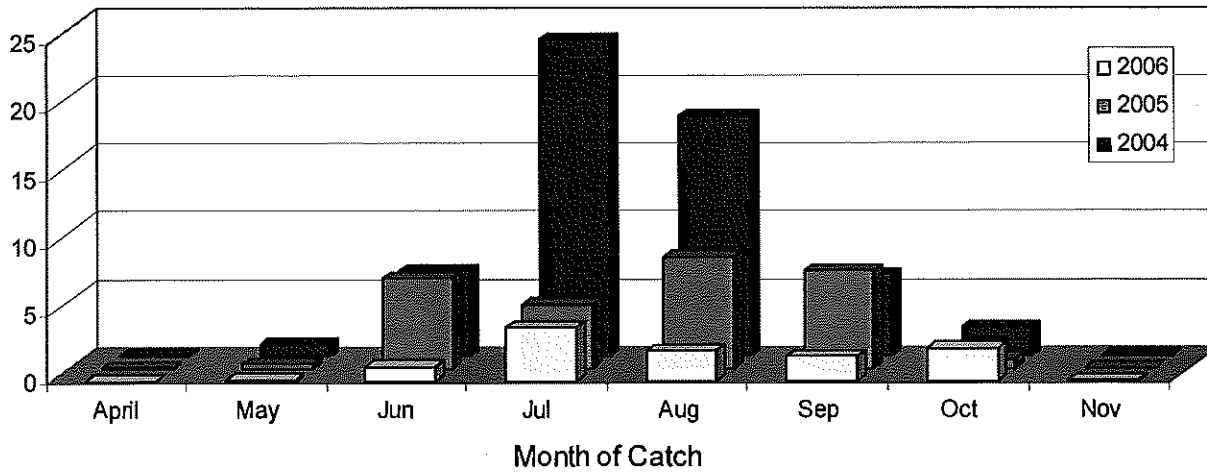
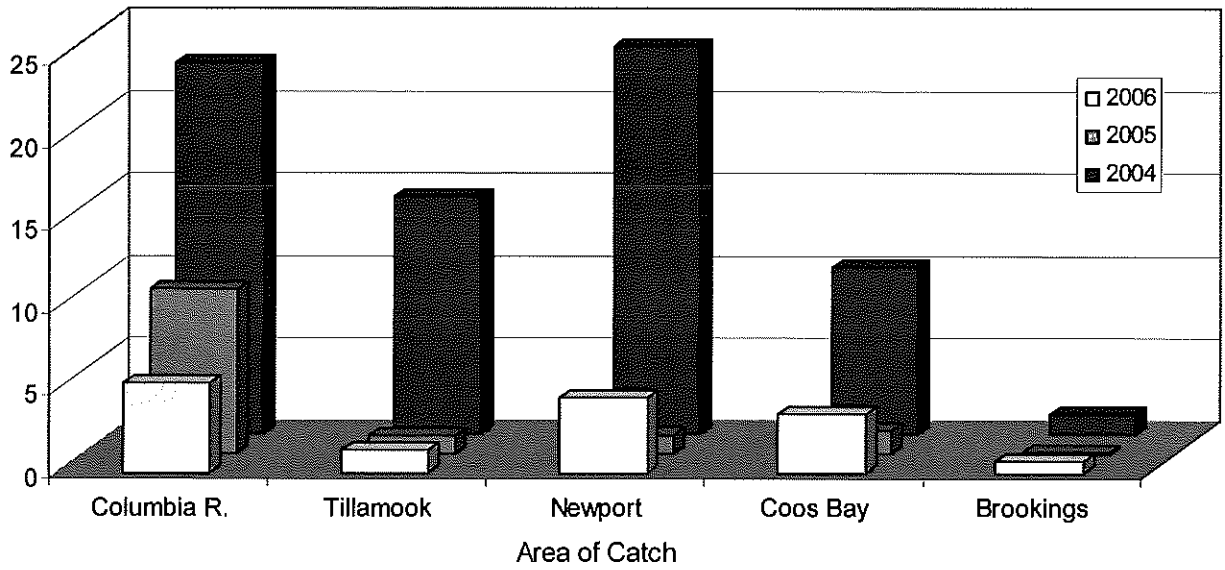


Figure 16. Oregon ocean recreational Chinook catch by catch area and month, 2004-2006.

# Coho

FISH (thousands)



FISH (thousands)

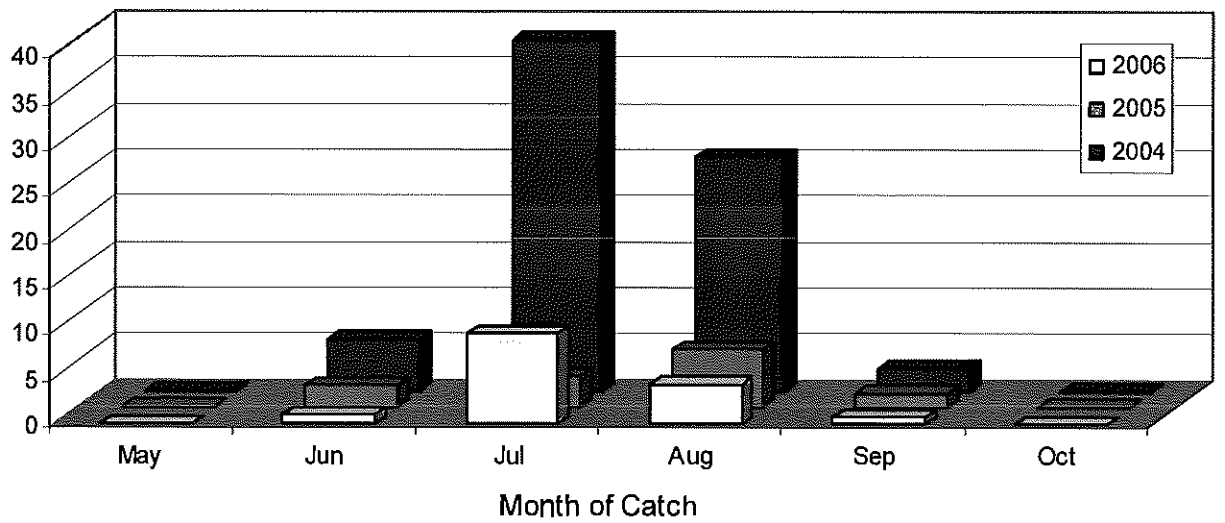


Figure 17. Oregon ocean recreational coho catch by catch area and month, 2004-2006.

## **Charter angler catch**

Charter anglers landed 1,457 Chinook (12%) and 3,565 coho (23%) in 2006 (Tables 12 and 13). The total catch of 5,022 salmon by charter anglers was down 35% from the 2005 catch of 7,616 salmon. The charter fleet landed 18% of the total recreational salmon catch, same share as in 2005 (Figure 18).

The Astoria charter fleet caught 1,960 salmon or 39% of the charter salmon landings, while charters out of Winchester Bay took 1,316 or 26% salmon (Tables 13 and 14). Salmon per charter angler averages ranged from 0.96 salmon per angler in Astoria to 0.16 salmon per angler in Brookings. In 2006, the state-wide charter average was 0.63 salmon per angler.

## **Private boat angler effort**

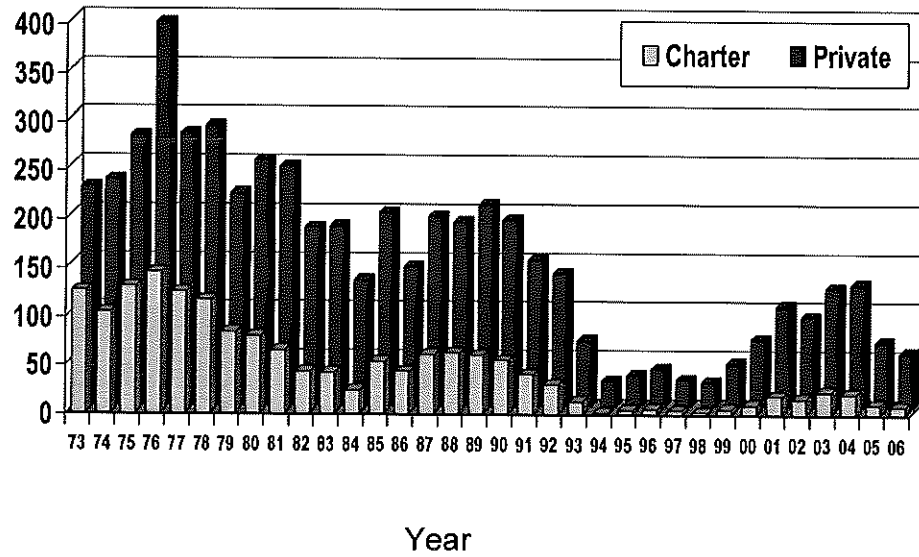
The 2006 salmon effort from private boats was estimated at 54,369 angler trips or 81% of the salmon effort for all boat types. Angler trips were down 18% from the 66,152 in 2005 (Tables 12, 13, 14, Figure 17, and Appendix Tables 20 and 21). Garibaldi had the most salmon angler trips in 2006 with 13,977 trips or 26% of the private boat total, followed by Winchester Bay with 10,421 trips (19%).

## **Private boat angler catch**

Anglers from private boats landed 10,131 Chinook and 12,012 coho in 2006. The total catch of 22,143 salmon was down 35% from the 34,045 landed in 2005, and is only 23% of the 1985-2005 average of 94,700 fish (Appendix Table 20). Private boat anglers caught 82% of the total recreational salmon landed in 2006, which was above the 1985-2005 average of 73% (Appendix Table 21 and Figure 18).

The average catch was 0.41 salmon per angler trip in 2006, which was a decrease from the 0.51 salmon per angler trip in 2005. The highest catch rate for private boat anglers was in Astoria with 0.64 salmon per angler trip. South of Cape Falcon the highest private boat catch rate was at Winchester Bay with 0.54 salmon per angler trip. Winchester Bay also had the most salmon landed by private boats with a total of 5,626 salmon.

### Angler Trips (Thousands)



### Salmon (Thousands)

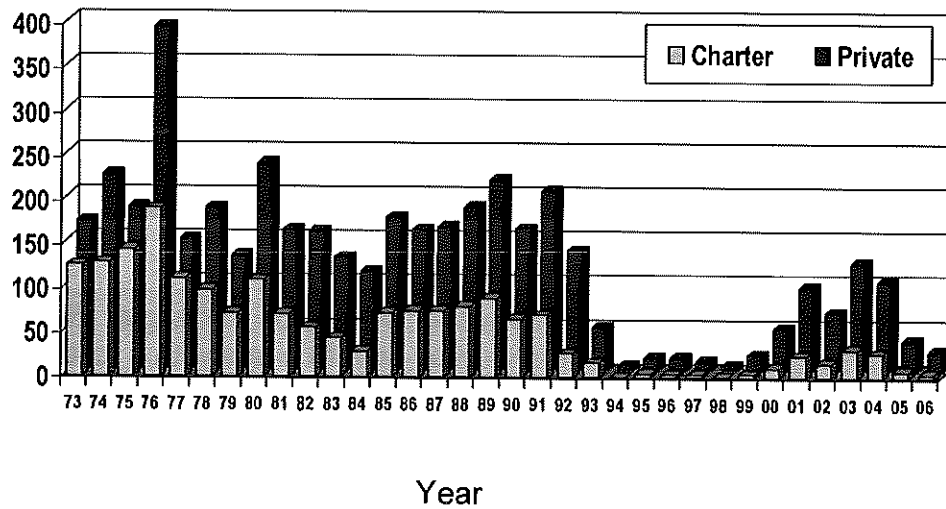


Figure 18. Effort and catch by Oregon ocean salmon charter and private anglers, 1973-2006.

## **ESTIMATES OF RELEASED SALMON**

### **Background**

Salmon released in the recreational fishery are estimated from interviews of anglers at the conclusion of their fishing trips by sampling staff. The accuracy of these data are dependent on anglers correctly recalling the number and species of salmon released as well as their cooperation, expertise, and attitude. This information, while not exact, is valuable to assess spatial and temporal trends in released fish. Although these data are not used in active management, they can be used as a rough estimate to evaluate release mortality or other regulation impacts (Appendix Table 22).

### **Chinook**

In 2006, a total of 13,958 Chinook were caught by anglers and 2,370 of these were released (17%) (Table 15 and Appendix Table 22). The ratio of released per retained Chinook peaked in September at 44%.

### **Coho**

Regulations in selective coho fisheries required all coho without a clipped adipose fin to be released. This combined with very limited open seasons, makes meaningful comparison of release rates within the context of this report difficult. A total of 31,921 coho were handled in 2006 with 16,344 coho being released (51%) (Table 16).



Table 15. Chinook salmon released by Oregon ocean recreational anglers by port and by statistical month, 2006.

Port of Landing		Month									Total
		March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	
Astoria	No. Released	--	--	0	0	69	306	17	--	--	392
	No. Retained	--	--	0	0	81	357	56	--	--	494
	% Released	--	--	0	0	46	46	23	--	--	44
Garibaldi (NOF) <sup>a</sup>	No. Released	0	0	0	0	0	2	0	0	0	2
	No. Retained	0	0	0	0	0	13	2	0	0	15
	% Released	0	0	0	0	0	13	0	0	0	12
Garibaldi (SOF) <sup>a</sup>	No. Released	0	0	12	9	51	0	16	3	0	91
	No. Retained	0	0	40	67	122	57	1,028	1,944	49	3,307
	% Released	0	0	23	12	29	0	2	0	0	3
Pacific City	No. Released	--	--	--	0	12	0	0	0	--	12
	No. Retained	--	--	--	8	81	3	6	0	--	98
	% Released	--	--	--	0	13	0	0	0	--	11
Depoe Bay	No. Released	0	0	0	0	1	0	2	4	--	7
	No. Retained	0	0	6	28	97	41	22	7	--	201
	% Released	0	0	0	0	1	0	8	36	--	3
Newport	No. Released	0	0	8	9	49	10	50	238	--	364
	No. Retained	2	1	11	49	197	72	66	73	--	471
	% Released	0	0	42	16	20	12	43	77	--	44
Florence	No. Released	--	--	--	--	--	--	--	--	--	0
	No. Retained	--	--	--	--	--	--	--	--	--	0
	% Released	--	--	--	--	--	--	--	--	--	0
Winchester Bay	No. Released	--	--	0	44	395	69	147	--	--	655
	No. Retained	--	--	0	328	2,414	923	311	--	--	3,976
	% Released	--	--	0	12	14	7	32	--	--	14
Charleston	No. Released	0	0	0	8	72	22	32	2	--	136
	No. Retained	0	3	11	51	735	189	137	0	--	1,126
	% Released	0	0	0	14	9	10	19	100	--	11
Bandon	No. Released	--	--	--	2	2	10	7	--	--	21
	No. Retained	--	--	--	9	12	75	12	--	--	108
	% Released	--	--	--	18	14	12	37	--	--	16
Port Orford	No. Released	--	--	--	--	--	--	--	--	--	0
	No. Retained	--	--	--	--	--	--	--	--	--	0
	% Released	--	--	--	--	--	--	--	--	--	0
Gold Beach	No. Released	--	--	--	0	0	0	0	--	--	0
	No. Retained	--	--	--	0	2	0	0	--	--	2
	% Released	--	--	--	0	0	0	0	--	--	0
Brookings	No. Released	0	0	6	139	42	266	127	110	--	690
	No. Retained	0	0	52	513	184	453	191	397	--	1,790
	% Released	0	0	10	21	19	37	40	22	--	28
Total	No. Released	0	0	26	211	693	685	1,410	357	0	2,370
	No. Retained	2	4	120	1,053	3,925	2,183	1,831	480	49	11,588
	% Released	0	0	18	17	15	24	44	43	0	17

<sup>a</sup> (NOF) refers to the Columbia River catch area defined as the area between Cape Falcon, Oregon and Leadbetter Point, Washington. References catches landed in Garibaldi that were either made north of Cape Falcon (NOF), or south of Cape Falcon (SOF).

Table 16. Coho salmon released by Oregon ocean recreational anglers by port and by statistical month, 2006.

Port of Landing		Month									Total
		March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	
Astoria	No. Released	--	--	0	0	1,199	2,341	340	--	--	3,880
	No. Retained	--	--	0	0	1,616	3,490	221	--	--	5,327
	% Released	--	--	0	0	43	40	61	--	--	42
Garibaldi (NOF) <sup>a</sup>	No. Released	0	0	0	3	0	63	0	0	--	66
	No. Retained	0	0	0	0	0	70	14	0	--	84
	% Released	0	0	0	100	0	47	0	0	--	44
Garibaldi (SOF) <sup>a</sup>	No. Released	0	0	0	94	752	136	165	56	--	1,203
	No. Retained	0	0	0	139	623	62	39	0	--	863
	% Released	0	0	0	40	55	69	81	100	--	58
Pacific City	No. Released	--	--	--	10	481	21	2	0	--	514
	No. Retained	--	--	--	45	425	15	10	0	--	495
	% Released	--	--	--	18	53	58	17	0	--	51
Depoe Bay	No. Released	0	0	4	83	559	159	91	1	--	897
	No. Retained	0	0	0	31	758	103	91	0	--	983
	% Released	0	0	100	73	42	61	50	100	--	48
Newport	No. Released	0	0	0	63	2,049	443	274	19	--	2,848
	No. Retained	0	0	0	70	2,956	277	268	0	--	3,571
	% Released	0	0	0	47	41	62	51	100	--	44
Florence	No. Released	--	--	--	--	--	--	--	--	--	0
	No. Retained	--	--	--	--	--	--	--	--	--	0
	% Released	--	--	--	--	--	--	--	--	--	0
Winchester Bay	No. Released	--	--	10	405	3,046	796	65	--	--	4,322
	No. Retained	--	--	0	120	2,756	74	16	--	--	2,966
	% Released	--	--	100	77	52	91	80	--	--	59
Charleston	No. Released	0	0	3	57	628	141	34	0	--	863
	No. Retained	0	0	0	18	458	31	3	0	--	510
	% Released	0	0	100	76	58	82	92	0	--	63
Bandon	No. Released	--	--	--	24	22	108	8	--	--	162
	No. Retained	--	--	--	46	38	12	1	--	--	97
	% Released	--	--	--	34	37	90	89	--	--	63
Port Orford	No. Released	--	--	--	--	--	--	--	--	--	0
	No. Retained	--	--	--	--	--	--	--	--	--	0
	% Released	--	--	--	--	--	--	--	--	--	0
Gold Beach	No. Released	--	--	--	0	0	0	1	--	--	1
	No. Retained	--	--	--	0	0	4	0	--	--	4
	% Released	--	--	--	0	0	0	100	--	--	0
Brookings	No. Released	0	0	55	1,203	101	141	29	59	--	1,588
	No. Retained	0	0	2	474	117	67	10	7	--	677
	% Released	0	0	96	72	46	68	74	89	--	70
Total	No. Released	0	0	72	1,942	8,837	4,349	883	135	--	16,344
	No. Retained	0	0	2	943	9,747	4,205	673	63	--	15,577
	% Released	0	0	97	67	48	51	57	68	--	51

<sup>a</sup> (NOF) refers to the Columbia River catch area defined as the area between Cape Falcon, Oregon and Leadbetter Point, Washington. References catches landed in Garibaldi that were either made north of Cape Falcon (NOF), or south of Cape Falcon (SOF).

## **RECREATIONAL OCEAN SALMON CODED WIRE TAG SAMPLING**

The Sampling Project staffed ten Oregon coastal ports during the 2006 ocean recreational fishing season. Samplers examined 35% of the Chinook and 38% of the coho landed from the ocean seasons for adipose fin clips (Tables 17 and 18). Adipose fin clips indicate the possible presence of a coded wire tag. Special electronic CWT detection wands were then used by samplers to identify which adipose fin clipped Chinook and coho had a CWT.

### **Chinook**

Samplers examined 4,041 of the 11,588 Chinook landed in 2006, and found 146 (4%) that had adipose fin clips and registered positive to a CWT detection wand (Table 17). Department staff found readable tags in 135 of the Chinook (92%) with most of the CWT released by Oregon Dept. of Fish and Wildlife (47%) and Washington Dept. of Fish and Wildlife (19%). By basin, most of the CWTs came from Chinook released in Oregon coastal streams (44%) and in the Central Valley, California (22%) (Figure 19).

### **Coho**

Samplers examined 5,853 of the 15,577 coho landed in 2006 (38%), and found 436 (7.4%) that had adipose fin clips and registered a positive response to a tag detector (Table 18). Staff found readable tags in 373 of the coho (86%). Most of the observed CWTs were released by Washington Dept. of Fish and Wildlife (64%) and Oregon Dept. of Fish and Wildlife (22%). The majority of the tagged fish were released in the Columbia River basin (60%) and in Washington coastal streams (18%) (Figure 20).

NOTE: The above CWT data does not represent stock contribution rates since tagging is not representative of all stocks and most stocks of wild fish have no tagging program associated with them.

## **SPECIAL FISHERIES**

### **Columbia River Buoy 10 Estuary Fishery**

The Columbia River estuary was open beginning August 1 to December 31 from Buoy 10 upstream to a line projected from Rocky Point on the Washington bank, through red buoy 44, to the navigation light at Tongue Point on the Oregon bank. The ORBS project participates in a cooperative sampling effort of this fishery with ODFW's Columbia River Management Program. All retained coho were required to have an adipose fin clip. The Oregon and Washington 2006 combined effort totaled 40,688 angler trips as compared to the 2005 effort of 55,183 angler trips (Table 19). Combined Oregon and Washington salmon landings totaled 1,706 Chinook and 3,687 coho. Anglers from the Oregon side made up 63% of the effort and 77% of the total catch.

Table 17. Chinook coded-wire tag sampling from the ocean recreational fishery, by port and statistical month, 2006.

Port of Landing	Month									Total
	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	
<u>Astoria</u>										
No. Examined	–	–	0	0	36	131	13	–	–	180
No. Landed	–	–	0	0	81	357	56	–	–	494
% Examined	–	–	0	0	44	37	23	–	–	36
No. Marks	–	–	0	0	5	8	1	–	–	14
<u>Garibaldi</u>										
No. Examined	0	0	24	35	58	26	310	490	10	953
No. Landed	0	0	40	67	122	70	1,030	1,944	49	3,322
% Examined	0	0	60	52	48	37	30	25	20	29
No. Marks	0	0	6	5	7	2	12	18	0	50
<u>Pacific City</u>										
No. Examined	–	–	–	6	45	3	5	0	–	59
No. Landed	–	–	–	8	81	3	6	0	–	98
% Examined	–	–	–	75	56	100	83	0	–	60
No. Marks	–	–	–	0	3	0	0	0	–	3
<u>Depoe Bay</u>										
No. Examined	0	0	4	5	35	19	10	4	–	77
No. Landed	0	0	6	28	97	41	22	7	–	201
% Examined	0	0	67	18	36	46	45	57	–	38
No. Marks	0	0	0	0	3	0	0	0	–	3
<u>Newport</u>										
No. Examined	1	1	5	28	77	32	30	35	–	208
No. Landed	2	1	11	49	197	72	66	73	–	471
% Examined	50	100	45	57	39	44	45	48	–	44
No. Marks	0	0	0	2	6	0	10	0	–	18
<u>Florence</u>										
No. Examined	–	–	–	–	–	–	–	–	–	0
No. Landed	–	–	–	–	–	–	–	–	–	0
% Examined	–	–	–	–	–	–	–	–	–	0
No. Marks	–	–	–	–	–	–	–	–	–	0
<u>Winchester Bay</u>										
No. Examined	–	–	0	123	557	287	137	–	–	1,104
No. Landed	–	–	0	328	2,414	923	311	–	–	3,976
% Examined	–	–	0	38	23	31	44	–	–	28
No. Marks	–	–	0	3	2	3	2	–	–	10
<u>Charleston</u>										
No. Examined	0	1	8	26	310	81	85	0	–	511
No. Landed	0	3	11	51	735	189	137	0	–	1,126
% Examined	0	33	73	51	42	43	62	0	–	45
No. Marks	0	0	1	0	7	2	6	0	–	16

Table 17 (cont). Chinook coded-wire tag sampling from the ocean recreational fishery, by port and statistical month, 2006.

Port of Landing	Month									Total
	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	
<u>Bandon</u>										
No. Examined	--	--	--	5	7	47	9	--	--	68
No. Landed	--	--	--	9	12	75	12	--	--	108
% Examined	--	--	--	56	58	63	75	--	--	63
No. Marks	--	--	--	0	0	2	1	--	--	3
<u>Port Orford</u>										
No. Examined	--	--	--	--	--	--	--	--	--	0
No. Landed	--	--	--	--	--	--	--	--	--	0
% Examined	--	--	--	--	--	--	--	--	--	0
No. Marks	--	--	--	--	--	--	--	--	--	0
<u>Gold Beach</u>										
No. Examined	--	--	--	0	1	0	0	--	--	1
No. Landed	--	--	--	0	2	0	0	--	--	2
% Examined	--	--	--	0	50	0	0	--	--	50
No. Marks	--	--	--	0	0	0	0	--	--	0
<u>Brookings</u>										
No. Examined	0	0	31	254	88	183	108	215	--	879
No. Landed	0	0	52	513	184	453	191	397	--	1,790
% Examined	0	0	60	50	48	40	57	54	--	49
No. Marks	0	0	2	12	2	3	6	4	--	29
<u>Total</u>										
No. Examined	1	2	72	482	1,214	809	707	744	10	4,041
No. Landed	2	4	120	1,053	3,925	2,183	1,831	2,421	49	11,588
% Examined	50	50	60	46	31	37	39	31	20	35
No. Marks	0	0	9	22	35	20	38	22	0	146

Table 18. Coho coded-wire tag sampling from the ocean recreational fishery, by port and statistical month, 2006.

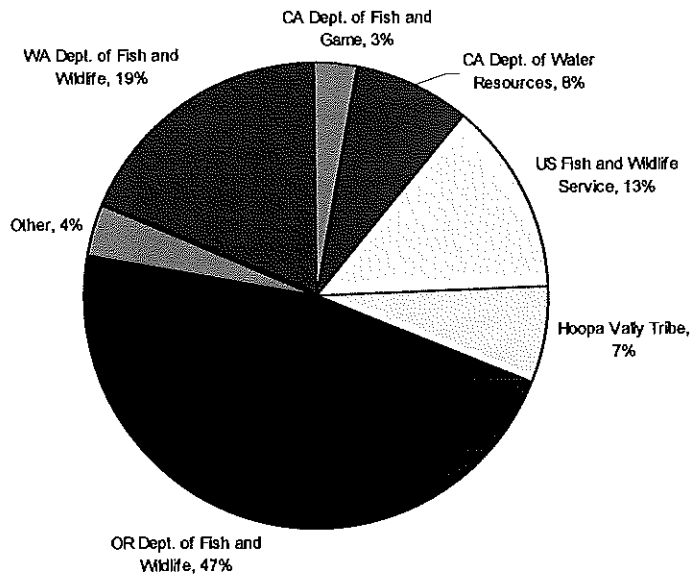
Port of Landing	Month									Total
	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	
<u>Astoria</u>										
No. Examined	--	--	0	0	689	1,275	50	--	--	2,014
No. Landed	--	--	0	0	1,616	3,490	221	--	--	5,327
% Examined	--	--	0	0	43	37	23	--	--	38
No. Marks	--	--	0	0	49	92	1	--	--	142
<u>Garibaldi</u>										
No. Examined	0	0	0	78	269	51	25	0	0	423
No. Landed	0	0	0	139	623	132	53	0	0	947
% Examined	0	0	0	56	43	39	47	0	0	45
No. Marks	0	0	0	3	22	4	3	0	0	32
<u>Pacific City</u>										
No. Examined	--	--	--	34	232	14	9	0	--	289
No. Landed	--	--	--	45	425	15	10	0	--	495
% Examined	--	--	--	76	55	93	90	0	--	58
No. Marks	--	--	--	4	20	0	2	0	--	26
<u>Depoe Bay</u>										
No. Examined	0	0	0	9	260	47	37	0	--	353
No. Landed	0	0	0	31	758	103	91	0	--	983
% Examined	0	0	0	29	34	46	0	0	--	36
No. Marks	0	0	0	4	23	2	2	0	--	31
<u>Newport</u>										
No. Examined	0	0	0	46	1,138	128	133	0	--	1,445
No. Landed	0	0	0	70	2,956	277	268	0	--	3,571
% Examined	0	0	0	66	38	46	50	0	--	40
No. Marks	0	0	0	6	88	10	5	0	--	109
<u>Florence</u>										
No. Examined	--	--	--	--	--	--	--	--	--	0
No. Landed	--	--	--	--	--	--	--	--	--	0
% Examined	--	--	--	--	--	--	--	--	--	0
No. Marks	--	--	--	--	--	--	--	--	--	0
<u>Winchester Bay</u>										
No. Examined	--	--	0	46	668	20	6	--	--	740
No. Landed	--	--	0	120	2,756	74	16	--	--	2,966
% Examined	--	--	0	38	24	27	38	--	--	25
No. Marks	--	--	0	4	46	0	0	--	--	50
<u>Charleston</u>										
No. Examined	0	0	0	10	186	13	2	0	--	211
No. Landed	0	0	0	18	458	31	3	0	--	510
% Examined	0	0	0	56	41	42	67	0	--	41
No. Marks	0	0	0	1	17	1	1	0	--	20

Table 18 (cont). Coho coded-wire tag sampling from the ocean recreational fishery, by port and statistical month, 2006.

Port of Landing	Month									Total
	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	
<u>Bandon</u>										
No. Examined	-	-	-	30	23	6	1	-	-	60
No. Landed	-	-	-	46	38	12	1	-	-	97
% Examined	-	-	-	65	61	50	100	-	-	62
No. Marks	-	-	-	2	3	2	0	-	-	7
<u>Port Orford</u>										
No. Examined	-	-	-	-	-	-	-	-	-	0
No. Landed	-	-	-	-	-	-	-	-	-	0
% Examined	-	-	-	-	-	-	-	-	-	0
No. Marks	-	-	-	-	-	-	-	-	-	0
<u>Gold Beach</u>										
No. Examined	-	-	-	0	0	1	0	-	-	1
No. Landed	-	-	-	0	0	4	0	-	-	4
% Examined	-	-	-	0	0	25	0	-	-	25
No. Marks	-	-	-	0	0	0	0	-	-	0
<u>Brookings</u>										
No. Examined	0	0	1	224	56	27	5	4	-	317
No. Landed	0	0	2	474	117	67	10	7	-	677
% Examined	0	0	50	47	48	40	50	57	-	47
No. Marks	0	0	0	13	5	1	0	0	-	19
<u>Total</u>										
No. Examined	0	0	1	477	3,521	1,582	268	4	0	5,853
No. Landed	0	0	2	943	9,747	4,205	673	7	0	15,577
% Examined	0	0	50	51	36	38	40	57	0	38
No. Marks	0	0	0	37	273	112	14	0	0	436

# Chinook

## RELEASE AGENCY



## BASIN OF RELEASE

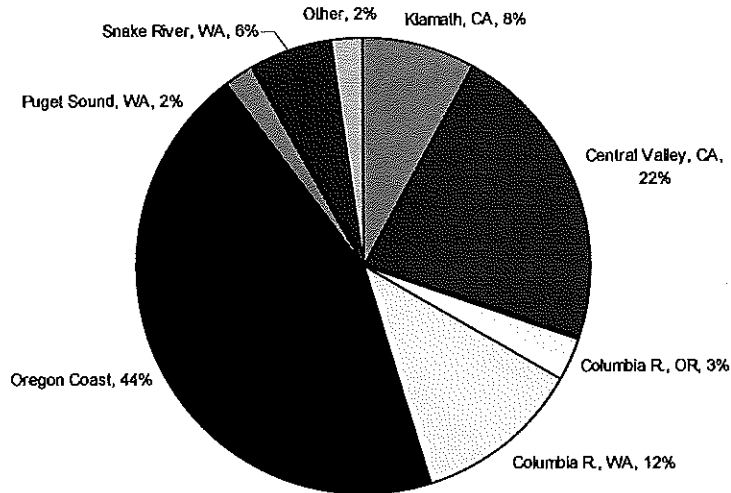
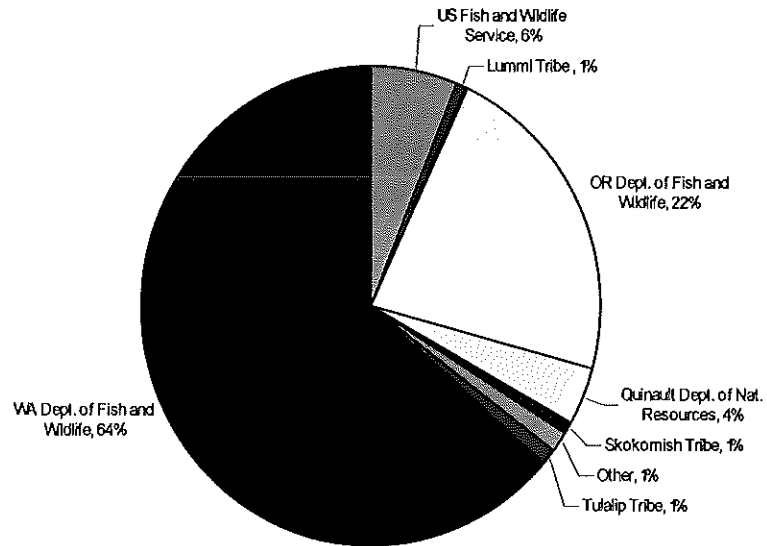


Figure 19. Recoveries of Chinook (N=135) coded wire tags, by release agency and by basin of release from Oregon's ocean recreational catch, 2006. Note: Does not represent stock contribution rates since tagging is not representative of all stocks.



# Coho

## RELEASE AGENCY



## BASIN OF RELEASE

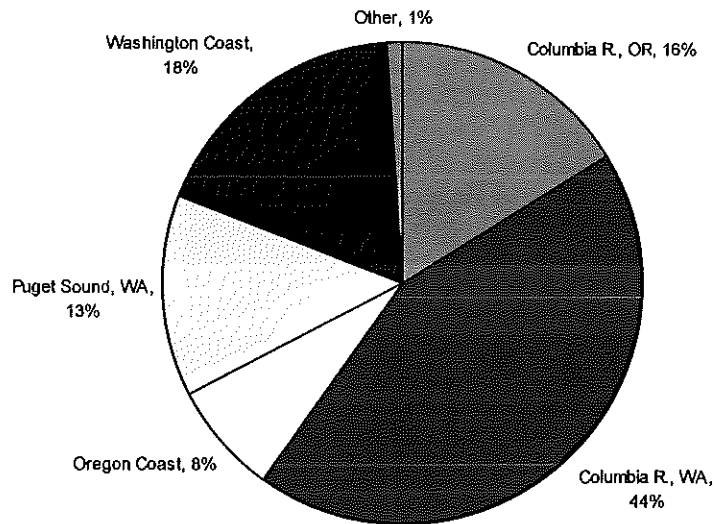


Figure 20. Recoveries of coho (N=373) coded wire tags, by release agency and by basin of release from Oregon's ocean recreational catch, 2006. Note: Does not represent stock contribution rates since tagging is not representative of all stocks.

Table 19. Buoy 10 Columbia River estuary season. Total salmon angler trips and catch, 2006; and totals for 1982-2006, Oregon and Washington combined data.

Year	Angler Trips	Catch		Catch/ Angler	Chinook/ Angler	Coho/ Angler
		Chinook	Coho			
1982	17,336	723	18,857	1.13	0.04	1.09
1983	7,128	604	3,574	0.59	0.08	0.50
1984	67,365	12,177	74,370	1.29	0.18	1.10
1985	32,156	2,655	25,387	0.87	0.08	0.79
1986	102,190	15,600	120,422	1.33	0.15	1.18
1987	124,594	42,100	47,170	0.72	0.34	0.38
1988	186,051	30,770	143,417	0.94	0.17	0.77
1989	144,848	15,900	78,720	0.65	0.11	0.54
1990	76,411	5,149	18,435	0.31	0.07	0.24
1991	168,921	11,549	207,527	1.30	0.07	1.23
1992	115,481	10,655	43,082	0.47	0.09	0.37
1993	75,774	5,288	20,932	0.35	0.07	0.28
1994	9,253	0	1,795	0.19	NA	0.19
1995	25,186	853	5,026	0.23	0.03	0.20
1996	18,034	1,409	4,537	0.33	0.08	0.25
1997	55,725	13,153	20,357	0.60	0.24	0.37
1998	29,998	5,784	3,175	0.30	0.19	0.11
1999	49,568	9,850	8,960	0.38	0.20	0.18
2000	72,518	6,085	21,478	0.38	0.08	0.30
2001	132,035	12,709	125,829	1.05	0.10	0.95
2002	84,434	19,438	6,205	0.30	0.23	0.07
2003	88,827	16,316	54,440	0.80	0.18	0.61
2004	68,818	16,016	15,169	0.45	0.23	0.22
2005	55,183	9,287	6,878	0.29	0.17	0.12
2006 Total	40,688	1,706	3,687	0.13	0.04	0.09
OR Boat	24,231	1,351	2,800	0.17	0.06	0.12
OR Bank	1,457	0	0	0.00	0.00	0.00
WA Boat	15,000	355	887	0.08	0.02	0.06
WA Bank	0	0	0	0.00	0.00	0.00

### November Chinook Fishery off Tillamook Bay

A Chinook only state waters (0-3 miles) recreational fishery off Tillamook Bay was open for the period of November 1 to 15, from Twin Rocks to Pyramid Rock. This fishery targets fall Chinook returning to tributary streams of Tillamook Bay, and coincides with the very popular and larger fishery that takes place within Tillamook Bay and its tributaries. Most anglers fish within a mile of the jetties, and many troll back and forth over the bar. No sampling was conducted in this November season. Historically catch during this portion of the fishery has been minimal (<50 fish).

## November-December Fishery off Port Orford

Chinook only state waters (0-3 miles) recreational fishery was open off the Elk River to target local abundant fall Chinook from November 1 through December 15. No sampling of the recreational portion of this fishery was performed in 2006. The ocean sport catch in this fishery has been nonexistent or minimal (<50 fish) in all years based on post season analysis of salmon catch records.

## October Fishery off Brookings

The fall state waters (0-3 miles) recreational fishery off Brookings is designed to target fall Chinook returning to the Chetco River. The open area in 2006 was from Twin Rocks to the OR/CA border. The season was open from October 1 through 12. Effort for this fishery totaled 3,586 angler trips with a retained catch of 436 Chinook (Table 20). A total of five CWTs were recovered during this fishery and all five were released from the Chetco River.

Table 20. Summary of Chetco River Area recreational terminal ocean fishery by boat type, 2006.

Statistical Week	CHARTER BOATS					PRIVATE BOATS					TOTAL				
	Angler Trips	Landed		Released		Angler Trips	Landed		Released		Angler Trips	Landed		Released	
		Chinook	Coho	Chinook	Coho		Chinook	Coho	Chinook	Coho		Chinook	Coho	Chinook	Coho
40	10	3	-	-	-	495	36	-	-	8	505	39	-	-	8
41	55	9	-	1	1	2,043	241	5	71	50	2,098	250	5	72	51
42	30	2	-	1	-	953	145	2	36	8	983	147	2	37	8
Total	95	14	-	2	1	3,491	422	7	107	66	3,586	436	7	109	67

## At Sea Observations of the Selective Coho Fishery

During the 2006 selective coho salmon seasons, the sampling project provided some limited at sea observer coverage on charter vessels. The primary purpose of these observations was to collect data to verify release rates on coho salmon, and to be able to compare dockside reported release rates to those observed at sea. Only limited numbers of trips were observed; primarily because of restricted salmon seasons and reduced participation in these fisheries (Table 21).

Table 21. Summary of at sea observations of the Oregon recreational selective coho salmon fishery, 2006.

Catch Area	Stat. Week	Coho Salmon				Chinook Salmon		Fish Lost <sup>d</sup>	Other Fish Handled
		Legal and Retained	Released - Not Marked <sup>a</sup>	Mark Rate <sup>b</sup>	Released Small <sup>c</sup>	Legal and Retained	Released		
Astoria	28	3	2	60%	0	0	0	1	0
	31	11	7	61%	NS	0	3	5	0
	35	7	5	58%	0	0	0	7	0
Depoe Bay	28	4	6	40%	1	1	0	12	0
Newport	28	3	1	75%	0	0	0	2	0

<sup>a</sup> Fish that were of legal size, and released because they had an adipose fin that had not been clipped.

<sup>b</sup> Mark rate is calculated as the number of legal sized fin clipped coho divided by the sum of the number of legal size fin clipped and non-clipped coho salmon.

<sup>c</sup> This field includes all coho salmon that were released for reasons other than the lack of an adipose fin clip. The primary reason for release was because the fish was below the minimum legal length or close to it.

<sup>d</sup> Fish lost included any obvious hook-up of more than a few seconds.

## ACKNOWLEDGEMENTS

We appreciate the help of the sampling coordinators, Jane Butterfield and Chris Stephens, and all seasonal samplers (Appendix table 1). Special recognition is due the Mark Freeman and Carrie White for their help in processing the data, training, and general assistance throughout the year.

We want to thank the charter offices, skippers, and charter crew who allowed us to place selective fishery observers on their boats including: C/V Lady Dee, Astoria, C/V Ruby Sea, Astoria, C/V Sea Quell, Newport, and C/V Sampson, Depoe Bay.

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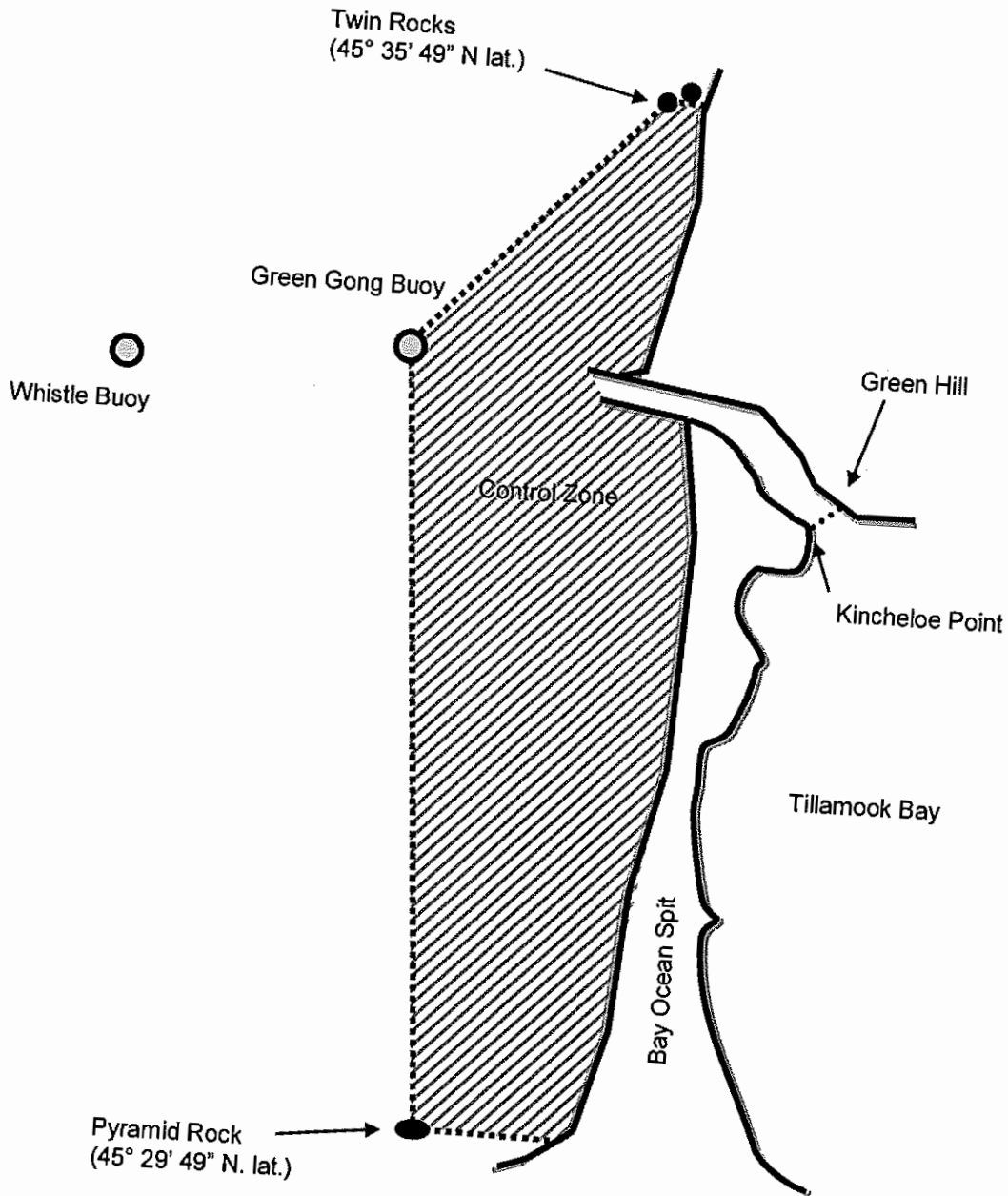
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## **APPENDIX**



Appendix Figure 1. Location of the control zone off Tillamook Bay.





Appendix Table 1. Seasonal field sampling personnel hired by the ODFW Ocean Sampling Project, 2006

Port	Sampler	Dates	Primary Duties
Astoria	Amanda Tufts	Aug. 21 - Sept. 15	Recreational (boat counter)
	Ken Bishop	June 27 - Aug. 27	Recreational (observer)
	Linda Heine	May 1 - Sept. 24	Combination troll/recreational
	Michelle Dyson	May 1 - Sept. 24	Combination troll/recreational
Garibaldi	Tasha Sorensen	Sept. 1 - Oct. 16	Troll (state waters)
	Jim Mick	March 1 - Oct. 31	Combination troll/recreational
	Jeff Eckman	June 12 - Oct. 31	Recreational
	Melyssa Graeper	May 1 - Oct. 31	Recreational
Pacific City	Jamie Craig	April 3 - June 8	Combination troll/recreational
	Aaron Poloni	June 12 - Oct. 16	Combination troll/recreational
Depoe Bay	Kelly Corbett	April 3 - April 16	Recreational/data assistant
	Matthew Blume	March 1 - April 2	Recreational
	Jason Watts	April 17 - June 5	Recreational
	Anne Baxter	June 6 - Oct. 31	Recreational
Newport	Mary Conser	March 1 - Oct. 31	Recreational
	Sarah Shipley	May 18 - Sept. 30	Recreational
	Candy Hammond	May 18 - Sept. 30	Recreational
	Kevin Kemper	May 1 - Oct. 13	Troll/data assistant
	Geoff Vanderbeck	April 3 - Oct. 6	Combination troll/recreational
Florence	Hank Ray	Sept. 1 - Oct. 16	Troll (state waters)
Winchester Bay	Joel Bader	Sept. 1 - Sept. 30	Troll (state waters)
	Griffin Hale	June 12 - Sept. 30	Recreational
	Joshua Peters	May 1 - Sept. 9	Recreational
Coos Bay	Sue Gouley	March 1 - Oct. 31	Recreational
	Katherine Nordholm	May 1 - Sept 30	Recreational
	Shelly Swinney	Sept. 1 - Oct. 16	Troll (state waters)
	Jacob Dutton	Sept. 1 - Oct. 16	Troll (state waters)
Bandon	Kayleen Abel	June 12 - Sept. 30	Recreational
Port Orford	Kayleen Abel	Oct. 17 - Dec. 15	Troll (state waters)
Gold Beach	Jeff Young	June 27 - Sept. 28	Combination troll/recreational
	Mansell Myers	June 12 - June 17	Recreational
Brookings	Jennifer McCarten	March 1 - Oct. 31	Combination troll/recreational
	Dan McAvoy	April 4 - Oct. 31	Recreational
	Skylar Renwick	May 1 - Oct. 31	Recreational

North Coast Sampling Coordinator: Jane Butterfield

South Coast Sampling Coordinator: Chris Stephens

Appendix Table 2. Ocean troll fishery mark sampling rates by port, year, and species, 1996-2006 (NS = Salmon landed, but no sampling).

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<u>CHINOOK</u>											
Astoria	NS	NS	NS	NS	12	9	19	12	23	13	32
Gearhart	-	-	-	NS	NS	NS	-	-	NS	18	NS
Cannon Beach	-	-	-	-	NS	NS	NS	NS	NS	41	NS
Nehalem	NS	NS	-	-	-	-	-	-	-	-	-
Garibaldi	21	48	42	40	22	16	48	45	23	33	48
Netarts	NS	NS	-	-	-	-	NS	NS	-	-	-
Pacific City	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	NS
Salmon River	-	-	-	-	-	-	-	-	-	-	-
Depoe Bay	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6
Newport	43	45	26	26	32	35	33	40	34	48	50
Waldport	-	-	-	-	-	-	-	-	-	-	-
Florence	9	25	NS	15	40	1	NS	NS	NS	NS	9
Winchester Bay	29	36	NS	31	7	24	9	16	NS	<1	2
Coos Bay	28	34	47	25	25	46	36	27	33	45	9
Bandon	NS	2	NS	NS	1	NS	1	4	NS	NS	-
Port Orford	49	32	14	28	30	10	5	8	9	3	42
Gold Beach	99	52	13	NS	5	12	6	18	NS	NS	-
Brookings	27	43	46	42	40	42	28	41	47	17	39
Total	36	41	27	25	26	32	31	31	31	39	40
<u>COHO</u>											
Astoria	-	-	-	-	56	44	20	9	27	15	1
Gearhart	-	-	-	-	NS	NS	NS	-	NS	37	NS
Cannon Beach	-	-	-	-	NS	NS	-	NS	NS	56	NS
Nehalem	-	-	-	-	-	-	-	-	-	-	-
Garibaldi	-	-	-	-	-	87	38	38	39	48	60
Netarts	-	-	-	-	-	-	-	-	-	-	-
Pacific City	-	-	-	-	-	-	-	-	-	-	-
Salmon River	-	-	-	-	-	-	-	-	-	-	-
Depoe Bay	-	-	-	-	-	-	-	-	-	-	-
Newport	-	-	-	-	-	100	-	-	-	-	-
Waldport	-	-	-	-	-	-	-	-	-	-	-
Florence	-	-	-	-	-	-	-	-	-	-	-
Winchester Bay	-	-	-	-	-	-	-	-	-	-	-
Coos Bay	-	-	-	-	-	-	-	-	-	NS	-
Bandon	-	-	-	-	-	-	-	-	-	-	-
Port Orford	-	-	-	-	-	-	-	-	-	-	-
Gold Beach	-	-	-	-	-	-	-	-	-	-	-
Brookings	-	-	-	-	-	-	-	-	-	-	-
Total	NA	NA	NA	NA	55	40	23	16	30	37	25
# Samplers	2 <sup>a</sup>	4 <sup>b</sup>	3 <sup>c</sup>	3 <sup>b</sup>	2 <sup>d</sup>	5 <sup>e</sup>	4 <sup>e</sup>	4 <sup>b</sup>	4 <sup>f</sup>	4 <sup>g</sup>	7 <sup>b</sup>

<sup>a</sup> Six additional employees sampled the troll fishery during limited periods or on a part-time basis.

<sup>b</sup> Eight additional employees sampled the troll fishery during limited periods or on a part-time basis.

<sup>c</sup> Seven additional employees sampled the troll fishery during limited periods or on a part-time basis.

<sup>d</sup> Sixteen additional employees sampled the troll fishery during limited periods or on a part-time basis.

<sup>e</sup> Ten additional employees sampled the troll fishery during limited periods or on a part-time basis.

<sup>f</sup> Four additional employees sampled the troll fishery during limited periods or on a part-time basis.

<sup>g</sup> Five additional employees sampled the troll fishery during limited periods or on a part-time basis.

Appendix Table 3. Statistical week calendar for 2006.

Stat. Week	Beginning Monday	Ending Sunday	Calendar Month
12	13 MAR	19 MAR	March
13	20 MAR	26 MAR	March
14	27 MAR	2 APR	March
15	3 APR	9 APR	April
16	10 APR	16 APR	April
17	17 APR	23 APR	April
18	24 APR	30 APR	April
19	1 MAY	7 MAY	May
20	8 MAY	14 MAY	May
21	15 MAY	21 MAY	May
22	22 MAY	28 MAY	May
23	29 MAY	4 JUN	June
24	5 JUN	11 JUN	June
25	12 JUN	18 JUN	June
26	19 JUN	25 JUN	June
27	26 JUN	2 JUL	June
28	3 JUL	9 JUL	July
29	10 JUL	16 JUL	July
30	30 JUL	23 JUL	July
31	24 JUL	30 JUL	July
32	31 JUL	6 AUG	August
33	7 AUG	13 AUG	August
34	14 AUG	20 AUG	August
35	21 AUG	27 AUG	August
36	28 AUG	3 SEP	August
37	4 SEP	10 SEP	September
38	11 SEP	17 SEP	September
39	18 SEP	24 SEP	September
40	25 SEP	1 OCT	September
41	2 OCT	8 OCT	October
42	9 OCT	15 OCT	October
43	16 OCT	22 OCT	October
44	23 OCT	29 OCT	October
45	30 OCT	5 NOV	November
46	6 NOV	12 NOV	November
47	13 NOV	19 NOV	November
48	20 NOV	26 NOV	November
49	27 NOV	3 DEC	November
50	4 DEC	10 DEC	December
51	11 DEC	17 DEC	December

Appendix Table 4. History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
Prior to 1948	No restrictions	
1948 <u>Oregon Coast</u> 1/1 - 12/31 7/1 - 11/15	All except coho All salmon	size limit: Chinook - 27", no gear restrictions. Chinook - 27", coho - none.
1949-55 <u>Oregon Coast</u> 3/15 - 10/31 6/15 - 10/31	All except coho All salmon	Chin. 26". Chin. 26".
1956-75 <u>Oregon Coast</u> 4/15 - 10/31 6/15 - 10/31	All except coho All salmon	Chin. 26". Chin. 26"; coho 15" beginning in 1965.
1974-75 <u>Elk &amp; Chetco River areas</u> 11/1 - 12/31	All except coho	Chin. 26" - state waters only.
1976 <u>North of Tillamook Head</u> 5/1 - 6/14 7/1 - 9/15	All except coho All salmon	Chin. 28"; until 6/6; then 26". Chin. 26"; coho, 16".
<u>South of Tillamook Head</u> 5/1 - 6/14 6/15 - 10/31	All except coho All salmon	Chin. 26"; barbless hooks, except on whole bait or plugs. Chin. 26"; coho, 16".
<u>Elk &amp; Chetco River areas</u> 11/1 - 11/30	All except coho	Chin. 26" - state waters only.
1977 as above	as above	Chin. 28" N. of Tillamook Head; 26" S. of Tillamook Head. Coho 16". Gear restrictions as above.
1978 Area boundary moved from Tillamook Head to Cape Falcon	as above	
1979 <u>North of Cape Falcon</u> 5/1 - 5/31 7/1 - 24; 8/4 - 8/31	All except coho All salmon	Chin. 28"; barbless hooks, except on whole bait or plugs. Chin. 28"; coho 16".
<u>South of Cape Falcon</u> 5/1 - 5/31 7/1 - 9/3 9/4 - 10/31	All except coho All salmon All except coho	Chin. 26"; barbless hooks except on whole bait or plugs. Chin. 26"; coho 16". Chin. 26".
<u>Elk &amp; Chetco River areas</u> 11/1 - 11/30	All except coho	Chin. 26". State waters only.
1980 <u>North of Cape Falcon</u> 5/1 - 5/31 7/15 - 9/8	All except coho All salmon	Chin. 28"; barbless hooks, except on whole bait or plugs. Chin. 28"; coho 16".
<u>South of Cape Falcon</u> 5/1 - 5/31	All except coho	Chin. 26"; barbless hooks, except on whole bait or plugs.
<u>Cape Falcon to Cape Blanco</u> 6/16 - 6/30	All except coho	Chin. 26"; whole bait, or plugs 6" or longer.
<u>South of Cape Falcon</u> 7/15 - 9/8 9/9 - 10/31	All salmon All except coho	Chin. 26"; coho 16". Chin. 26".
<u>Elk &amp; Chetco River areas</u> 11/1 - 11/30	All except coho	Chin. 26". State waters only.
1981 <u>North of Cape Falcon</u> 5/1 - 5/31 7/15 - 8/21 8/22 - 8/24	All except coho All salmon All salmon	Chin. 28", barbless hooks, except on whole bait or plugs. Chin. 28"; coho 16". Chin. 28"; coho 16". State waters only.
<u>South of Cape Falcon</u> 5/1 - 5/31 7/1 - 8/21 8/22 - 8/24	All except coho All salmon All salmon	Chin. 26"; barbless hooks, except on whole bait or plugs. Chin. 26"; coho 16". Chin. 26"; coho 16". State waters only.
<u>C. Falcon to Cape Sebastian</u> 8/22 - 8/24 8/25 - 9/8	All except coho All except coho	Chin. 26"; whole bait, or plugs 5" or larger. Chin. 26"; whole bait, or plugs 5" or larger. State waters only.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
(1981 continued)		
<u>South of Cape Falcon</u> 9/9 - 10/31	All except coho	Chin. 26".
<u>Elk &amp; Chetco River areas</u> 11/1 - 11/30	All except coho	Chin. 26". State waters only.
1982 <u>North of Cape Falcon</u> 5/1 - 5/31 7/1 - 7/8	All except coho All salmon	Chin. 28"; barbless hooks, except on whole bait or plugs. Chin. 28"; coho 16".
<u>South of Cape Falcon</u> 5/1 - 5/31 6/1 - 6/15 7/1 - 7/12 7/13 - 9/5 9/6 - 10/31	All except coho All except coho All salmon All except coho All except coho	Chin. 26"; barbless hooks, except on whole bait. Chin. 26"; whole bait, or plugs not less than 5" long. Chin. 26"; coho 16". Chin. 26"; whole bait, or plugs not less than 5" long. Chin. 26"; barbless hooks, except on whole bait or plugs.
<u>South of Cape Blanco</u> 5/1 - 6/8	All except coho	Chin. 26"; whole bait, or plugs not less than 5" long.
<u>Elk &amp; Chetco River areas</u> 11/1 - 11/30	All except coho	Chin. 26". State waters only.
1983 <u>North of Cape Falcon</u> 5/1 - 5/31 7/1 - 7/31	All except coho All salmon	Chin. 28"; barbless hooks, except on plugs not less than 5". Chin. 28"; coho, 16"; only plugs not less than 6". Must land 2 chin. for each coho retained.
<u>Columbia River S. Jetty to Cape Falcon</u> 8/10 - 9/8	All salmon	Chin. 28"; coho 16"; open out to 10 miles only.
<u>Cape Falcon to Cape Blanco</u> 5/1 - 5/31 6/1 - 6/15 9/5 - 10/31	All except coho All except coho All except coho	Chin. 26"; barbless hooks, except on whole bait or plugs (not less than 5"). Chin. 26"; whole bait, or plugs not less than 5" long. Chin. 26".
<u>Cape Falcon to Cape Kiwanda</u> 8/1 - 9/4	All salmon	Chin. 26"; coho 16".
<u>Cape Kiwanda to Heceta Head</u> 7/1 - 7/25; 8/1 - 9/4	All salmon	Chin. 26"; coho 16".
<u>Cape Perpetua to Cape Blanco</u> 7/26 - 7/31	All except coho	Chin. 26"; whole bait or plugs not less than 5".
<u>Heceta Head to Cape Blanco</u> 7/1 - 7/25 8/1 - 9/9	All salmon All except coho	Chin. 26"; coho 16". Chin. 26"; whole bait, or plugs not less than 5".
<u>Cape Blanco to OR/CA border</u> 5/16 - 5/31 6/1 - 6/15 7/1 - 7/25 7/26 - 8/31 9/1 - 9/15 10/1 - 10/31	All except coho All except coho All salmon All except coho All except coho All except coho	Chin. 26"; barbless hooks only, not more than 6 troll lines. Chin. 26"; whole bait, or plugs not less than 5" long. Chin. 26"; coho 16". Chin. 26"; whole bait, or plugs not less than 5" long. Chin. 26". Open area is 12 x 24 mile rectangle around mouth of Rogue River. Chin. 26".
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 11/30	All except coho	Chin. 26". State waters only.
1984 <u>North of Cape Falcon</u> 5/1 - 5/7	All except coho	Chin. 28"; barbless hooks. Columbia River Mouth Conservation Zone closed.
<u>Columbia River S. Jetty to Cape Falcon</u> 8/4 - 8/6	All salmon	Chin. 28"; coho 16"; barbless hooks.
<u>Cape Falcon to Cape Blanco</u> 5/1 - 6/15; 7/1 - 8/31; 9/1 - 9/21	All except coho All except coho	Chin. 26"; barbless hooks. Chin. 26"; state waters only. Contravention of fed. regulation.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
(1984 continued)		
<u>Manhattan Beach to Pyramid Rock (Tillamook)</u> 10/1 - 10/31	All except coho	Chin. 26"; barbless hooks. State waters only.
<u>Cape Blanco to OR/CA border</u> 5/16 - 6/6; 7/16 - 8/22	All except coho	Chin. 26"; barbless hooks.
<u>Cape Blanco to Humbug Mt.</u> 10/1 - 11/30	All except coho	Chin. 26"; state waters only; barbless hooks.
1985 <u>North of Cape Falcon</u> 5/1 - 5/14; 5/21 - 5/31	All except coho	Chin. 28"; barbless hooks, except on whole bait or plugs. Columbia River Mouth Conservation Zone closed.
<u>Columbia River S. Jetty to Cape Falcon</u> 8/21	All salmon	Chin. 28"; coho 16"; barbless hooks, except on whole bait or plugs.
<u>Cape Falcon to Cape Blanco</u> 5/1 - 6/30 7/1 - 7/26	All except coho All salmon	Chin. 26"; barbless hooks, except on whole bait or plugs. Chin. 26"; coho 16"; barbless hooks. One more coho than Chinook may be kept, provided at least 1 Chinook is kept.
7/27 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Tower Rock to Cape Blanco</u> 11/1 - 11/30	All except coho	Chin. 26"; barbless hooks. State waters only.
<u>Cape Blanco to Humbug Mt.</u> 10/1 - 11/30	All except coho	Chin. 26"; barbless hooks. State waters only.
1986 <u>North of Cape Falcon</u> 5/1 - 10; 5/14 - 5/17; 5/24 - 5/27; 5/30 - 5/31 8/2 - 8/3; 8/7 - 8/9	All except coho All salmon	Chin. 28"; barbless hooks. Columbia River Mouth Conservation Zone closed. Chin. 28"; Coho 16". Barbless hooks.
<u>Cape Falcon to Cape Perpetua</u> 5/1 - 6/30 7/1 - 7/20; 7/23 - 7/24	All except coho All salmon	Chin. 26"; barbless hooks. Chin. 26"; coho 16"; barbless hooks. Single daily landing or possession of up to 50 coho. No additional coho can be landed or possessed unless Chinook are also landed at a ratio of at least 1 Chinook for every 2 coho.
7/25 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Twin Rocks to Pyramid Rock (Tillamook)</u> 11/1 - 11/15	All except coho	Chin. 26"; barbless hooks. State waters only.
<u>Cape Perpetua to Cape Blanco</u> 5/1 - 6/30 7/1 - 7/20	All except coho All salmon	Chin. 26"; barbless hooks. Chin. 26"; Coho 16"; barbless hooks. No coho could be landed without landing Chinook at a ratio of at least 1 Chinook for each 2 coho.
7/23 - 7/24	All salmon	Same regulations as in Cape Falcon to Cape Perpetua (for 7/1-24 see above).
7/25 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Sisters Rocks to Chetco Point</u> 5/1 - 6/6	All except coho	Chin. 26"; barbless hooks. Open only within 6 nautical miles of shore.
<u>Cape Blanco to OR/CA border</u> 6/16 - 6/19; 6/23 - 6/26 6/30 - 7/5; 7/17 - 7/24	All salmon	Chin. 26"; Coho 22"; barbless hooks. At least one Chinook must be possessed or landed for each 2 coho possessed or landed.
7/25 - 8/26	All except coho	Chin. 26"; barbless hooks.
<u>Sisters Rock to Mack Arch</u> 8/29	All except coho	Chin. 26"; barbless hooks. Open only within 6 nautical miles of shore.
<u>Cape Blanco to Humbug Mt.</u> 10/1 - 11/26	All except coho	Chin. 26"; barbless hooks. State waters only.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
1987 <u>North of Cape Falcon</u> 5/1 - 5/10; 5/14 - 5/15	All except coho	Chin. 28"; barbless hooks. Columbia River Mouth Conservation Zone closed. Chinook harvested in this fishery must be landed north of Cape Falcon unless reported to the U.S. Coast Guard.
7/25 - 7/26	All salmon	Chin. 28"; coho 16"; barbless hooks. Landing restrictions as above. Columbia River Mouth Conservation Zone closed; nearshore area closure 0 to 3 miles from Tillamook Head to Red Buoy Line and 0 to 10 miles between Red Buoy Line and Queets River.
<u>Cape Falcon to Cape Perpetua</u> 5/1 - 7/14 7/15 - 7/28; 8/1 - 8/28	All except coho All salmon	Chin. 26"; barbless hooks. Chin. 26"; coho 16"; barbless hooks. Single daily possession or landing of up to 100 coho/vessel. At least 1 Chinook required for each 2 coho over 100.
<u>Cape Falcon to Cape Blanco</u> 8/29 - 9/15	All salmon	Chin. 26"; coho 16"; barbless hooks. 200 coho may be possessed or landed without Chinook restrictions. Over 200 coho, at least 1 Chinook must be possessed or landed for each 2 coho possessed or landed.
9/16 - 10/31	All except coho	Chin. 26"; barbless hooks. All commercial salmon fishing closed 9/16-18 from Cape Arago to Cape Blanco.
<u>Cape Perpetua to Cape Blanco</u> 5/1 - 6/30 7/1 - 7/28; 8/1 - 8/28	All except coho All salmon	Chin. 26"; barbless hooks. Chin. 26"; coho, 16"; barbless hooks. At least 1 Chinook must be possessed or landed for each 2 coho possessed or landed except that 1 coho may be possessed or landed without having a Chinook.
<u>Sisters Rocks to Chetco Point</u> 5/1 - 5/14	All except coho	Chin. 26"; barbless hooks.
<u>Cape Blanco to OR/CA border</u> 6/1 - 6/3; 6/7 - 6/10; 6/14 - 6/25	All salmon	Chin. 26"; coho 22"; barbless hooks. At least 1 Chinook must be possessed or landed for each 1 coho except that 1 coho may be possessed or landed without having a Chinook.
<u>Cape Blanco to Humbug Mt.</u> 10/1 - 11/30	All except coho	Chin. 26"; barbless hooks. State waters fishery.
1988 <u>North of Cape Falcon</u> 5/1 - 6/14	All except coho	Chin. 28"; barbless hooks. Columbia River Mouth Conservation Zone closed.
<u>Cape Falcon to Orford Reef Red Buoy</u> 5/1 - 6/30	All except coho	Chin. 26"; barbless hooks.
<u>Cape Falcon to Cascade Head</u> 7/1 - 8/19	All salmon	Chin. 26"; coho 16"; barbless hooks. From 7/1-13 mixed loads of Chinook and coho or coho only loads could not be landed between Cascade Head and Cape Arago unless the load met the possession and landing ratios for that area.
8/20 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Cascade Head to Cape Arago</u> 7/1 - 7/13	All salmon	Chin. 26"; coho 16"; barbless hooks. At least 1 Chinook must be possessed or landed for each 2 coho possessed or landed except there was a single daily possession or landing per vessel of 2 coho w/o the ratio requirement. Mixed loads of Chinook and coho or coho only loads must be delivered in the sub-area.
7/16 - 8/19 8/20 - 10/31	All salmon All except coho	As above but no ratio requirement. Chin. 26"; barbless hooks.
<u>Cape Arago to Orford Reef Red Buoy</u> 7/16 - 8/19	All salmon	Chin. 26"; coho 16"; barbless hooks. No ratio requirement.
8/20 - 8/31; 9/16 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Sisters Rocks to Chetco Point</u> 5/1 - 5/4	All except coho	Chin. 26"; barbless hooks. From shore out to 6 miles only.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
(1988 continued)		
<u>Humbug Mt. to Punta Gorda</u> 6/5 - 6/7	All salmon	Chin. 26"; coho 22"; barbless hooks. Sun. through Wed. only.
<u>Sisters Rocks to Mack Arch</u> 9/1 - 9/14	All except coho	Chin. 26"; barbless hooks.
<u>Orford Reef Red Buoy to Humbug Mountain</u> 10/1 - 10/31	All except coho	Chin. 26"; barbless hooks. State waters only.
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 11/30	All except coho	As above.
1989		
<u>North of Cape Falcon</u> 5/1 - 6/8; 6/13 - 6/15	All except coho	Chin. 28"; barbless hooks. Columbia River Mouth Conservation Zone closed.
8/21; 8/24 - 9/10	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Conservation Zone closed. Open south of Columbia River 8/21; and extended north to Leadbetter Point from 8/24. Daily landing limit of 40 coho and 4 Chinook in effect through 8/27; daily landing of 40 coho and 8 Chinook from 8/28 through 9/10. All salmon must be landed within this area.
<u>Cape Falcon to Cascade Head</u> 5/1 - 7/11; 8/18 - 10/31 7/12 - 7/14	All except coho All salmon	Chin. 26"; barbless hooks. Chin. 26"; coho 16"; barbless hooks. Mixed loads of coho and Chinook, or coho only must be landed in this area.
7/18 - 8/17	All salmon	Chin. 26"; coho 16"; barbless hooks. A daily landing limit of 50 coho through 8/13; from 8/14 through 17 at least 1 Chinook must be possessed or landed for each 2 coho possessed or landed; except that if no Chinook were possessed, a single daily landing of 2 coho was permitted. Mixed loads of coho and Chinook, or coho only must be landed in this area.
<u>Cascade Head to Orford Reef Red Buoy</u> 5/1 - 6/23; 8/18 - 10/31	All except coho	Chin. 26"; barbless hooks. The subarea from Cape Arago to Port Orford Reef Red Buoy was closed 8/18 - 31.
7/1 - 7/14	All salmon	Chin. 26"; coho 16"; barbless hooks. A daily landing limit of 50 coho, plus 3 coho for each Chinook landed. Mixed loads of Chinook and coho, or coho only must be landed in this area. All Chinook must be delivered with the coho.
7/18 - 8/17	All salmon	Chin. 26"; coho 16"; barbless hooks. At least 1 Chinook must be landed for each 2 coho, except that a single daily landing of 2 coho without any Chinook is permitted. Mixed loads of coho & Chinook, or coho only loads must be landed in this area. All Chinook must be delivered with the coho.
<u>Orford Reef Red Buoy to Humbug Mountain</u> 10/1 - 10/31	All except coho	Chin. 26"; barbless hooks. State waters only.
<u>Cape Blanco to Humbug Mountain</u> 11/1 - 11/30	All except coho	As above.
<u>Sisters Rocks to House Rock</u> 5/1 - 5/2	All except coho	Chin. 26"; barbless hooks. Open from 0-6 nautical miles only.
<u>Sisters Rocks to Mack Arch</u> 9/1 - 9/14	All except coho	As above.
<u>Humbug Mountain to OR/CA Border</u> 6/5 - 6/8	All salmon	Chin. 26"; coho 22"; barbless hooks. A single daily landing of 20 Chinook per day. All salmon must be delivered in this area.
8/18 - 8/20; 8/22 - 8/31	All except coho	As above.



Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
1990 <u>US-Canada Border to Cape Falcon</u> 5/1 - 5/14; 5/18 - 5/27; 5/31 - 6/2; 6/8 - 6/11; 6/14 8/18 - 8/21; 8/25 - 8/26	All except coho All salmon	Chin. 28"; barbless hooks. Columbia River Mouth Conservation Zone closed. Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Conservation Zone closed. Open period restriction of 20 Chinook & 200 coho per vessel. All fish must be landed and delivered in the area.
<u>Leadbetter Point to Cape Falcon</u> 8/30 - 9/14; 9/18 - 9/19; 9/22 - 10/15	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Conservation Zone closed. Single daily landing of 50 coho, with one additional coho for each Chinook landed. From 9/22 - 10/15 daily landing increased to 100 coho. All salmon must be landed in the area.
<u>Cape Falcon to Humbug Mt.</u> 5/1 - 6/25; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Cape Falcon to Cascade Head</u> 7/4 - 7/15 7/16 - 8/31	All except coho All salmon	Chin. 26"; barbless hooks. Chin. 26"; coho 16"; barbless hooks. Single daily landing of 50 coho plus 1 coho for each Chinook. All coho must be landed in area or in adjacent closed areas.
<u>Cascade Head to Humbug Mt.</u> 7/4 - 7/31 (Cape Arago to Humbug Mt. closed 7/10 - 7/17; 7/24 - 7/31)	All salmon	Chin. 26"; coho 16"; barbless hooks. At least one Chinook must be landed for each coho, except a landing of 1 coho and no Chinook is permitted. Loads with coho must be delivered in this area.
8/1 - 8/31 (Cape Arago to Humbug Mt. closed 8/7 - 8/14)	All except coho	Chin. 26"; barbless hooks.
<u>Sisters Rocks to House Rock</u> 5/1 - 5/24	All except coho	Chin. 26"; barbless hooks. Open 0-6 miles from shore. All salmon must be landed in this area.
<u>Sisters Rocks to Punta Gorda</u> 8/1 - 8/6; 8/8 - 8/31	All except coho	Chin. 26"; barbless hooks. All salmon must be landed in this area.
<u>Sisters Rocks to Mack Arch</u> 9/3 - 9/16	All except coho	Chin. 26"; barbless hooks. All salmon must be landed in this area.
<u>43°30'00"N to Cape Arago</u> 11/1 - 11/14	All salmon	Chin. 26"; coho 16"; barbless hooks. Open 0-3 miles from shore. Experimental fishery 10 vessels selected through drawing. All salmon must be landed into Coos Bay.
1991 <u>US-Canada Border to Cape Falcon</u> 5/1 - 6/15	All except coho	Chin. 28"; barbless hooks. Columbia River Mouth Conservation Zone closed.
<u>Leadbetter Point to Cape Falcon</u> 8/10 - 8/11	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Conservation Zone closed. Open period landing restriction of 100 coho per vessel.
<u>Copalis Head to Cape Falcon</u> 9/1 - 9/2	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Conservation Zone closed. Open period landing restriction of 75 coho per vessel. All salmon must be landed North of Cape Falcon.
<u>Cape Falcon to Cascade Head</u> 5/1 - 6/30 7/1 - 7/14 7/15 - 7/23; 8/1 - 10/31	All except coho All salmon All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per line. Chin. 26"; coho 16"; barbless hooks. Chin. 26"; barbless hooks.
<u>Cascade Head to Florence S. Jetty</u> 5/1 - 6/23 6/24 - 7/11 7/12 - 7/23; 8/1 - 10/31	All except coho All salmon All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per line. Chin. 26"; coho 16"; barbless hooks. Chin. 26"; barbless hooks.
<u>Florence S. Jetty to Cape Arago</u> 6/24 - 7/11 7/12 - 7/14; 8/1 - 8/9	All salmon All except coho	Chin. 26"; coho 16"; barbless hooks. Chin. 26"; barbless hooks.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
(1991 continued)		
<u>Florence S. Jetty to Humbug Mt.</u> 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Sisters Rocks to Mack Arch</u> 9/1 - 9/15	All except coho	Chin. 26"; barbless hooks. Open 0-6 miles from shore. All salmon must be landed in this area.
1992 <u>US-Canada Border to Cape Falcon</u> 5/1 - 6/15	All except coho	Chin. 28"; barbless hooks. Columbia River Mouth Conservation Zone closed.
7/20 - 7/21	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Conservation Zone closed. No more than 4 spreads per line, 6 inch or larger plugs only. Open period landing restriction of 30 coho per vessel. All salmon must be delivered in this area or adjacent closed areas within 24 hours of closure.
7/25 - 7/27; 7/31 - 8/2; 8/6 - 8/8; 8/12 - 8/14; 8/20 - 8/22	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Conservation Zone closed. No more than 4 spreads per line, 6 inch or larger plugs only. Open period landing restriction of 44 coho per vessel. All salmon must be delivered in this area or adjacent closed areas within 24 hours of each closure.
<u>Cape Falcon to Florence S. Jetty</u> 5/1 - 5/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per line.
<u>Cape Falcon to Cascade Head</u> 7/22 - 8/21	All salmon	Chin. 26"; coho 16"; barbless hooks. At least one Chinook must be landed for each two coho. All loads with coho must be delivered in this area or in adjacent closed areas north of Cascade Head.
8/22 - 8/31	All salmon	Chin. 26"; coho 16"; barbless hooks. Single daily landing limit of 25 coho plus 2 coho for each Chinook. All loads with coho must be delivered in this area or in adjacent closed areas north of Cascade Head.
9/1 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Cascade Head to Florence S. Jetty</u> 7/22 - 8/7	All salmon	Chin. 26"; coho 16"; barbless hooks. At least one Chinook must be landed for each two coho. All loads with coho must be delivered in this area or in adjacent closed areas south of Cascade Head.
8/8 - 10/31	All except coho	Chin. 26"; barbless hooks.
<u>Cape Blanco to Humbug Mt.</u> 10/24 - 10/26	All except coho	Chin. 26"; barbless hooks. State waters fishery.
1993 <u>US-Canada Border to Cape Falcon</u> 5/1 - 6/15	All except coho	Chin. 28"; barbless hooks. Columbia River Mouth Control Zone closed.
7/14 - 7/17; 7/21 - 7/24 7/28 - 7/31; 8/4 - 8/6	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Control Zone closed. No more than 4 spreads per line. Gear restricted to plugs and/or whole bait 6 inches or larger. Open period landing restriction at 50 coho per opening. All salmon must be delivered in this area or adjacent closed area within 24 hours of each closure.
<u>Queets River to Cape Falcon</u> 8/27 - 8/28	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Control Zone closed. Open period landing restriction of 35 coho per opening. All salmon must be delivered in this area or adjacent closed area within 24 hours of each closure.
9/1 - 9/4; 9/9 - 9/12; 9/16 - 9/19	All salmon	Chin. 28"; coho 16"; barbless hooks. Columbia River Mouth Control Zone closed. Open period landing restriction of 70 coho per opening. All salmon must be delivered in this area or in adjacent closed area within 24 hours of each closure.
<u>Cape Falcon to Florence S. Jetty</u> 5/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per line.
<u>Florence S. Jetty to Cape Arago</u> 5/1 - 6/30; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per line.
<u>Cape Arago to Humbug Mt.</u> 5/1 - 31; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per line.
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 11/30	All except coho	Chin. 26"; barbless hooks. State waters fishery.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
1994 <u>US-Canada border to Cape Falcon</u>	All salmon	Closed to all salmon trolling.
<u>Cape Falcon to Humbug Mtn</u> 5/1 - 6/30	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Cape Falcon to Cascade Head</u> 10/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Cascade Head to Humbug Mt.</u> 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 11/7	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Sisters Rock to House Rock</u> 5/1 - 5/2; 5/5 - 5/6; 5/10 - 5/11; 5/14 - 5/15; 5/18 - 5/31.	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. (0-6 miles). All salmon must be landed at Gold Beach, Port Orford, or Brookings within 24 hours of each closure.
<u>Sisters Rock to Mack Arch</u> 8/8 - 8/9	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. (0-6 miles). Special registration fishery. Daily landing limit of 20 fish. All salmon must be landed at Gold Beach, Port Orford, or Brookings. Trip length limited to 3 days (72 hours).
8/10 - 8/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. (0-6 miles). Special registration fishery. Daily landing limit of 60 fish. All Trip length limited to 3 days (72 hours).
<u>Goat Island to Red Point</u> 10/10 - 10/25; 10/30 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
1995 <u>Cape Falcon to Cape Lookout</u> 8/1 - 8/31; 10/1 - 10/31 9/1 - 9/30	All except coho All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Falcon to Florence south jetty</u> 8/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Closed in Control Zone 2 (mouth of Tillamook Bay in August and September). Open only (0-3 miles) north of Cape Lookout in September.
<u>Florence south jetty to Cape Arago</u> 8/1 - 31 9/1 - 10/31	All except coho All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Cape Arago to Humbug Mountain</u> 5/1 - 6/30 9/1 - 10/31	All except coho All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Cape Blanco to Humbug Mountain</u> 11/1 - 11/7	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Sisters Rock to Mack Arch</u> 7/24 - 7/25	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. (0-4 miles). All salmon caught in the area must be delivered in Gold Beach, Port Orford or Brookings within 24 hours of each closure.
<u>Sisters Rock to House Rock</u> 5/1 - 5/2; 5/5 - 5/6; 5/10 - 5/11; 5/14 - 5/15; 5/18 - 5/31.	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. (0-6 miles). All salmon caught in the area must be delivered in Gold Beach, Port Orford or Brookings within 24 hours of each closure.
<u>Goat Island to 42° 01' 20"</u> 10/10 - 10/20	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Daily landing limit of 20 Chinook.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
1996 <u>Cape Falcon to Cape Arago</u> 5/1 - 6/30	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Closed at the mouth of Tillamook Bay June 1 to September 15.
8/7 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Closed at the mouth of Tillamook Bay June 1 to September 15.
<u>Cape Arago to the OR/CA border</u> 5/1 - 6/30	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Season to follow a 4 day open/3 days closed cycle.
<u>Cape Arago to Humbug Mt.</u> 8/7 - 8/31; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 11/30	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford.
<u>Sisters Rock to Mack Arch</u> 8/3 - 8/4; 8/7 - 8/8; 8/11 - 8/12; 8/15 - 8/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Open from 0-4 miles. All salmon caught in the area must be delivered in Gold Beach, Port Orford or Brookings within 24 hours of each closure. Closed within 1 mile of the Rogue River Mouth.
<u>Goat Island to 42° 01' 20' N</u> 10/14 - 10/31	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing limit of 20 Chinook.
1997 <u>US/Canada Border to Cape Falcon</u> 5/1 - 6/15	Chin. only	Chin 28" barbless hooks. All salmon caught in the area must be landed and delivered within 48 hours of any closure.
<u>Cape Falcon to Cape Arago</u> 4/15 - 6/27	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Closed at the mouth of Tillamook Bay June 1 to September 15.
8/1 - 8/31; 9/4 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Closed at the mouth of Tillamook Bay June 1 to September 15.
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Arago to the OR/CA border</u> 4/15 - 5/28	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Season to follow a 4 day open/3 days closed cycle.
<u>Cape Arago to Humbug Mt.</u> 8/1 - 31; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. August quota of 8,500 Chinook, and Sept.-Oct. quota of 10,000 Chinook.
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 11/30	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford.
<u>Sisters Rock to Mack Arch</u> 8/1 - 8/2; 8/5 - 8/6; 8/9 - 8/10; 8/13 - 8/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Open from 0-4 miles. All salmon caught in the area must be delivered in Gold Beach, Port Orford or Brookings within 24 hours of each closure. Closed within 1 mile of the Rogue River Mouth.
<u>Goat Island to 42° 01' 20' N</u> 10/13 - 10/25; 10/29 - 10/30	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing limit of 20 Chinook.
1998 <u>US/Canada Border to Cape Falcon</u> 5/1 - 5/12	All except coho	Chin 28" barbless hooks. All salmon caught in the area must be landed and delivered within 48 hours of any closure.
5/20 - 5/23	All except coho	Chin 28" barbless hooks. Cumulative landing limit for the four day period of 75 Chinook per vessel.
6/2 - 6/4	All except coho	Chin 28" barbless hooks. Cumulative landing limit for the three day period of 50 Chinook per vessel.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
(1998 continued)		
<u>Cape Falcon to Heceta Banks (43° 58' 00' N)</u> 4/15 - 6/30	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Closed at the mouth of Tillamook Bay June 1 to September 15.
8/1 - 28; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Closed at the mouth of Tillamook Bay June 1 to September 15.
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Heceta Banks (43° 58' 00' N) to Humbug Mt.</u> 4/15 - 6/30; 8/1 - 8/26; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 11/30	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford.
<u>Humbug Mt. to the OR/CA border</u> 4/15 - 5/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Sisters Rock to Mack Arch</u> 8/1 - 8/2; 8/5 - 8/6, 8/9 - 8/10; 8/13 - 8/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Open from 0-4 miles. All salmon caught in the area must be delivered in Gold Beach, Port Orford or Brookings within 24 hours of each closure. Closed within 1 mile of the Rogue River Mouth.
<u>Goat Island to 42° 01' 20' N</u> 10/13 - 10/31	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing limit of 20 Chinook.
1999 <u>US/Canada Border to Cape Falcon</u> 5/1 - 5/15	All except coho	Chin 28" barbless hooks. Columbia Commercial Control Zone closed.
<u>Cape Falcon to Humbug Mountain</u> 4/1 - 7/17; 8/1 - 29; 9/1 - 10/31	All except coho	Chin 26", barbless hooks. No more than 4 spreads per wire. Closed at the mouth of Tillamook Bay June 1 to September 15.
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 12/15	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford.
<u>Humbug Mt. to the OR/CA border</u> 5/1 - 5/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Sisters Rock to Mack Arch</u> 8/1 - 8/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Open from 0-4 miles. All salmon caught in the area must be delivered in Gold Beach, Port Orford or Brookings within 24 hours of each closure.
<u>Goat Island to 42° 01' 20' N</u> 10/12 - 10/31	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing limit of 20 Chinook.
2000 <u>US/Canada Border to Cape Falcon</u> 5/1 - 6/15	All except coho closed.	Chin. 28"; barbless hooks. Columbia Commercial Control Zone
<u>Queets River to Cape Falcon</u> 8/4 - 8/7; 8/11 - 8/21	All salmon	Chin. 28", coho 16". Open period landing limit of 300 adipose fin clipped coho per vessel. Salmon must be delivered within 24 hours of any closure. Columbia River Control Zone closed.
8/18 - 8/21; 8/25 - 8/28; 9/1 - 9/5	All salmon	Chin. 28", coho 16". Salmon must be delivered within 24 hours of any closure. Columbia River Control Zone closed.
<u>Cape Falcon to Humbug Mountain</u> 4/1 - 7/22; 8/1 - 8/28; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Tillamook Triangular Control Zone closed 4/1 - 30, and 6/1 - 9/15.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
(2000 continued)		
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 12/15	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford.
<u>Humbug Mt. to the OR/CA border</u> 5/1 - 5/31	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire.
<u>Sisters Rock to the OR/CA border</u> 8/1 - 8/11	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Possession and landing limit of 30 fish per day. All salmon caught in this area must be delivered in Port Orford, Gold Beach, or Brookings within 24 hours of closure.
<u>Goat Island to 42° 01' 20' N</u> 10/16 - 10/28	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing limit of 20 Chinook.
<u>House Rock to Humboldt South Jetty, CA</u> 9/1 - 9/5	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. Possession and landing limit of 30 fish per day. All salmon caught in this area must be landed in this area. Klamath Control Zone closed.
2001 <u>US/Canada Border to Cape Falcon</u> 5/1 - 6/15	All except coho	Chin. 28"; barbless hooks. No more than 4 spreads per wire beginning 6/1. Columbia Control Zone closed. Vessels must land and deliver their fish within 24 hours of closure.
7/20 - 7/23	All salmon	Chin. 28", coho 16". Coho must have healed adipose fin clip. Barbless hooks. Vessels must land and deliver their fish within the area and within 24 hours of closure. Columbia Control Zone is closed 7/20-7/27.
<u>Queets River to Cape Falcon</u> 7/27 - 7/30; 8/3 - 8/12; 8/17 - 8/27; 8/31 - 9/30	All salmon	Chin. 28", coho 16". Coho must have healed adipose fin clip. Barbless hooks. Once 75% of either guideline is caught, fishery reverts to 4 days open, 3 days closed. Vessels must land and deliver their fish within the area and within 24 hours of closure. Vessel per open period landing limit for 7/20-23 and 7/27-30 of 65 Chinook; for 8/3-12 of 100 Chinook; for 8/17-27 of 150 Chinook; no landing limit for 8/31-9/30.
<u>Cape Falcon to Florence South Jetty</u> 4/1 - 7/18; 7/27 - 8/29; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire.
<u>Florence South Jetty to Humbug Mt.</u> 4/1 - 7/9; 7/18 - 8/29; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire.
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 12/15	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford
<u>Humbug Mt. to OR/CA Border</u> 5/1 - 5/31; 6/3 - 6/4; 6/7 - 6/8; 6/11 - 6/12; 6/15 - 6/30	All except coho All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire. Chin. 26"; barbless hooks; no more than 4 spreads per wire. Cycle of 2 days open, 2 days closed. Possession and landing limit of 30 fish per day. All salmon must be landed and delivered to Gold Beach, Port Orford, or Brookings within 24 hours of closure.
8/1 - 8/31	All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire. Possession and landing limit of 30 fish per day effective 8/1-8. All salmon must be landed and delivered to Gold Beach, Port Orford, or Brookings within 24 hours of closure.
<u>Goat Island to 42° 01' 20' N</u> 10/16 - 10/28	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing limit of 20 Chinook.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
(2001 continued) <u>Humbug Mt. to Humbolt South Jetty</u> 9/1 - 9/30	All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire. Possession and landing limit of 30 fish per day. All salmon caught within the area must be landed and delivered to within the area.
2002 <u>US/Canada Border to Cape Falcon</u> 5/1 - 6/7; 7/1 - 7/8; 7/12 - 7/22; 7/26 - 8/5; 8/9 - 8/18; 8/22 - 8/28	All except coho	Chin. 28"; barbless hooks. No more than 4 spreads per wire in effect until 8/9. Columbia Control Zone closed. Vessels must land and deliver their fish within 24 hours of closure. Vessel per open period landing limit for 7/1-8 and 8/22-28 of 250 Chinook; for 7/12-22 and 8/9-18 of 400 Chinook; for 7/26 - 8/5 of 500 Chinook; no landing limit for 5/1 - 6/7. Coho allowed to be retained south of Leadbetter Point, WA beginning 8/1. Coho were required to be 16" in length and have an adipose fin clip.
<u>Cape Falcon to Florence South Jetty</u> 3/20 - 7/15; 8/1 - 8/29; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire.
<u>Florence South Jetty to Humbug Mt.</u> 3/20 - 6/30; 7/17 - 8/29; 9/1 - 10/31	All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire.
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/14	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 12/15	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford
<u>Humbug Mt. to OR/CA Border</u> 3/20 - 5/31; 6/1 - 6/30; 7/1 - 7/26; 8/1 - 8/29; 9/1 - 9/9	All except coho All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire. Chin. 26"; barbless hooks; no more than 4 spreads per wire. Possession and landing limit for of 50 fish per trip. All salmon must be landed and delivered to Gold Beach, Port Orford, or Brookings within 24 hours of closure.
<u>Twin Rocks to OR/CA Border</u> 10/16 - 10/28	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing and possession limit of 25 Chinook.
2003 <u>US/Canada Border to Cape Falcon</u> 5/1 - 6/6; 6/26 - 6/30	All except coho	Chin. 28"; barbless hooks. Columbia Control Zone closed. Vessels must land and deliver their fish within the area or Garibaldi, OR and within 24 hours of closure. Vessel per open period landing limit for 6/26-30 of 50 Chinook.
7/3 - 7/7; 7/10 - 7/14; 7/17 - 7/21; 7/24 - 7/28; 7/31 - 8/4; 8/7 - 8/11; 8/14 - 8/18; 8/21 - 8/25; 8/28 - 9/1; 9/4 - 9/8; 9/11 - 9/14	All Salmon	Chin. 28", coho 16"; barbless hooks. Columbia Control Zone closed. Coho were required to have a healed adipose fin clip. Vessels must land and deliver their fish within the area or Garibaldi, OR and within 24 hours of closure. Vessel per open period landing limit for 7/3-7 of 50 Chinook; for each 5 day open period from 7/10-9/14 of 150 Chinook.
<u>Cape Falcon to Florence South Jetty</u> 3/15 - 7/16; 8/1 - 8/19; 9/1 - 10/31	All except coho	Chin. 26" from 3/15-4/30, 27" from 5/1-9/30, and 28" from 10/1-31; barbless hooks; no more than 4 spreads per wire.
<u>Florence South Jetty to Humbug Mt.</u> 3/15 - 6/30; 7/17 - 7/31; 8/11 - 8/29; 9/1 - 10/31	All except coho	Chin. 26" from 3/15-4/30, 27" from 5/1-9/30, and 28" from 10/1-31; barbless hooks; no more than 4 spreads per wire.
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	All except coho	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 12/15	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford
<u>Humbug Mt. to OR/CA Border</u> 3/15 - 5/31 6/1 - 6/30; 7/1 - 7/31;	All except coho All except coho	Chin. 26"; barbless hooks; no more than 4 spreads per wire. Chin. 26"; barbless hooks; no more than 4 spreads per wire.

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
2003 (continued) 8/1 - 8/29; 9/1 - 9/30		Possession and landing limit of 50 fish per trip for 6/1-8/29; 65 fish per trip for 9/1-30. All salmon must be landed and delivered to Gold Beach, Port Orford, or Brookings within 24 hours of closure.
<u>Twin Rocks to OR/CA Border</u> 10/13 - 11/3	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing and possession limit of 25 Chinook.
2004 <u>US/Canada Border to Cape Falcon</u> 5/1 - 5/5	All except coho	Chin. 28"; barbless hooks. Columbia Control Zone closed. Vessels must land and deliver their fish within the area or Garibaldi, OR and within 24 hours of closure.
5/15 - 5/18 5/25 - 5/26	All except coho All except coho	Fishery re-opened with a landing limit of 125 Chinook per vessel. Fishery re-opened with a landing limit of 70 Chinook per vessel. Additional call-in provision applied for vessel landing in Garibaldi.
7/8 - 7/12; 7/16 - 7/19	All Salmon	Chin. 28", coho 16"; barbless hooks. Columbia Control Zone closed. Coho were required to have a healed adipose fin clip. Vessels must land and deliver their fish within the area or Garibaldi, OR and within 24 hours of closure. Vessel per open period landing limit for 7/8-7/12 of 100 Chinook; for 7/16-7/19 of 125 Chinook.
<u>Queets River to Cape Falcon</u> 9/1 - 9/5	All Salmon	Open period landing limit of 125 Chinook and 500 coho per vessel. Vessels must land and deliver their fish within the area or Garibaldi, OR and within 24 hours of closure. Special call-in required for vessel landing in Garibaldi.
<u>Cape Falcon to Florence South Jetty</u> 3/15 - 6/30; 7/7 - 7/12; 7/19 - 7/27; 8/1 - 8/14; 8/19 - 8/24; 9/1 - 10/31	All except coho	Chin. 26" 3/15-5/1, Chin. 27" 5/1-9/30, Chin. 28" 10/1-10/31; barbless hooks; no more than 4 spreads per wire.
<u>Florence South Jetty to Humbug Mt.</u> 3/15 - 6/30; 7/13 - 7/18; 7/26 - 7/29; 8/1 - 8/8; 8/15 - 8/22; 8/26 - 8/29; 9/1 - 10/31	All except coho	Chin. 26" 3/15-5/1, Chin. 27" 5/1-9/30, Chin. 28" 10/1-10/31;
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Blanco to Humbug Mt.</u> 11/1 - 12/15	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford
<u>Humbug Mt. to OR/CA Border</u> 3/15 - 5/30; 6/1 - 6/19; 7/1 - 7/19 8/1 - 8/4; 9/1 - 9/3; 9/8 - 9/10; 9/15 - 9/30	All except coho	Chin. 26" 3/15-5/1, Chin. 27" 5/1-8/29, Chin. 28" 9/1-9/30; barbless hooks; no more than 4 spreads per wire. For seasons from 6/1 - 9/30 all salmon must be landed and delivered to Gold Beach, Port Orford, or Brookings within 24 hours of closure. Open period landing limit of 50 fish per trip from 6/1-6/19, and 9/1-30.
<u>Twin Rocks to OR/CA Border</u> 10/13 - 11/3	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing and possession limit of 25 Chinook.
2005 <u>US/Canada Border to Cape Falcon</u> 5/1 - 5/3; 5/6 - 5/9; 5/13 - 5/16; 5/20 - 5/26; 5/27 - 5/30; 6/3 - 6/6	All except coho	Chin. 28"; barbless hooks. Columbia Control Zone closed. Vessels must land and deliver their fish within the area or Garibaldi, OR and within 24 hours of closure. Open period landing limit of 75 Chinook 5/1-5/3, 100 Chinook 5/6-5/9, 125 Chinook 5/13-5/30, and 60 Chinook 6/3-6/6.
7/7 - 7/11; 7/14 - 7/18; 7/21 - 7/25; 7/28 - 8/1; 8/3 - 8/7; 8/10 - 8/14; 8/17 - 8/21; 8/24 - 8/28; 8/31 - 9/4; 9/7 - 9/11; 9/14 - 9/15	All Salmon	Open period landing limit of 75 Chinook 7/7-7/11, 7/14-7/18; 100 Chinook 7/21-9/15; Open period landing limit of 75 coho 8/10-9/15 between Cape Falcon and Leadbetter Point; coho were required to have a healed adipose fin clip. Gear restriction of 6" plugs or longer not required between Cape Falcon and Leadbetter Point 8/10-9/15. Fishers landing salmon in Oregon between Leadbetter Point and Cape Falcon are required to call-in.
<u>Cape Falcon to Florence South Jetty</u> 3/15 - 3/25; 4/1 - 4/15; 5/1 - 5/3; 5/8 - 5/10; 5/15 - 5/17; 5/22 - 5/24; 5/29 - 5/30; 6/1 - 6/30; 9/1 - 9/23; 10/1 - 10/31	All except coho	Chin. 27" 3/15-4/15, Chin. 28" 5/1-10/31; barbless hooks; no more than 4 spreads per wire.



Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
2005 (continued)		
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	Chin only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles).
<u>Cape Blanco to Humbug Mt.</u> 11/1-12/15	Chin. only	Chin. 26", barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Landings restricted to Port Orford
<u>Florence South Jetty to Humbug Mt.</u> 3/15 - 3/25, 4/1 - 4/15, 5/1 - 5/30, 9/1 - 9/23, 10/1 - 10/31.	All except coho	Chin. 27" 3/15-4/15, Chin. 28" 5/1-10/31; barbless hooks; no more than 4 spreads per wire.
<u>Humbug Mt. to OR/CA Border</u> 3/15 - 3/25, 4/1 - 4/15, 9/3 - 9/30	All except coho	Chin. 27" 3/15-4/15, Chin. 28" 9/1-9/30; barbless hooks; no more than 4 spreads per wire. Possession and landing limit of 45 fish per day per vessel all salmon must be landed and delivered to Gold Beach, Port Orford, or Brookings within 24 hours of closure.
<u>Twin Rocks to OR/CA Border</u> 10/13 -11/3	Chin. only	Chin. 26"; barbless hooks. No more than 4 spreads per wire. State waters only (0-3 miles). Salmon must be delivered into Brookings. Single day landing and possession limit of 25 Chinook.
2006		
<u>US/Canada Border to Cape Falcon</u> 5/1 - 5/2, 5/6 - 5/9, 5/13 - 5/16, 5/20 - 5/23, 5/27 - 5/30, 6/3 - 6/6, 6/10 - 6/13, 6/27 - 6/30	All except coho	Chin. 28"; barbless hooks. Columbia Control Zone closed. Vessels must land and deliver their fish within the area or Garibaldi. Open period landing limit of 75 Chinook 5/1-5/2, 80 Chinook, 5/6-6/13, and 20 Chinook 6/27-6/30.
7/15 - 7/18, 7/22 - 7/25, 7/29 - 8/1 8/5 - 8/7, 8/12 - 8/14, 8/19 - 8/22, 8/26 - 8/29, 9/2 - 9/5, 9/8 - 9/15.	All Salmon	Chin 28";and coho 16" barbless hooks. Columbia Control Zone closed. Vessels must land and deliver their fish within the area or Garibaldi. 6" or longer artificial plug gear restriction from 7/15 to 8/19. Open period landing limit of 35 Chinook and 35 marked coho 7/15-7/25, 60 Chinook and 35 marked coho 7/29-8/1, 60 Chinook and 40 marked coho 8/5-8/7, 8/12-8/14, 80 Chinook and 40 marked coho 8/19- 9/5, 160 Chinook and 80 marked coho 9/8 - 9/15. 6" artificial plug restriction removed starting 8/19.
<u>Cape Falcon to Florence South Jetty</u> 6/4 - 6/7, 6/11 - 6/14, 6/18 - 6/21, 6/25 - 6/28, 7/9 - 7/11, 7/16 - 7/18, 7/23-7/25, 8/1-8/3, 9/17 - 9/30, 10/17 - 10/31	All except coho	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period landing limit of 75 Chinook 6/4-8/3, 50 Chinook 9/17-10/31.
<u>Cape Falcon to Pyramid Rock (0-3 miles)</u> 9/1 - 9/15, 10/1 - 10/15	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50 Chinook per calendar week (Sunday thru Saturday). Landings restricted to Garibaldi or Nehalem.
<u>Twin Rocks to Pyramid Rock</u> 11/1 - 11/15	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. State waters only, within 0-3 nautical miles of shore.
<u>Cape Kiwanda to Neskowin Cr (0-3 miles)</u> 9/1 - 9/15, 10/1 - 10/15	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50 Chinook per calendar week (Sunday thru Saturday). Landings restricted to Pacific City or Garibaldi.
<u>Yaquina Head to 44°33'00"N (0-3 miles)</u> 9/1 - 9/15, 10/1 - 10/15	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50 per calendar week (Sunday thru Saturday). Landings restricted to Newport or Depoe Bay.
<u>44°29'00"N to 44°23'00"N (0-3 miles)</u> 9/1 - 9/15, 10/1 - 10/15	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50 Chinook per calendar week (Sunday thru Saturday). Landings restricted to Newport or Depoe Bay.
<u>Heceta Head to 44°00'00"N (0-3 miles)</u> 9/1 - 9/15, 10/1 - 10/15	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50 Chinook per calendar week (Sunday thru Saturday). Landings restricted to Newport, Florence, Winchester Bay, or Coos Bay.
<u>Tahkenitch Cr. to 43°37'00"N (0-3 miles)</u> 9/1 - 9/30	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50

Appendix Table 4 (Cont). History of actual Oregon ocean commercial troll fishery regulations, 1948-2006.

AREA AND SEASON	SPECIES	SIZE, GEAR, AND OTHER RESTRICTIONS
2006 (continued)		Chinook per calendar week (Sunday thru Saturday). Landings restricted to Winchester Bay or Coos Bay.
<u>43°31'00"N to Cape Arago, within 30 fathoms</u> 9/1 - 10/16	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50 Chinook per Calendar week (Sunday thru Saturday) Landings restricted to Coos Bay.
<u>Cape Blanco to Humbug Mt. (0-3 miles)</u> 9/15 - 12/15	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50 Chinook per calendar week (Sunday thru Saturday). Landings restricted to Port Orford.
<u>Nesika reef to Cape Sebastian (0-3 miles)</u> 9/1 - 9/15	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Open period possession and landing limit of 50 Chinook per calendar week (Sunday thru Saturday). Landings restricted to Port Orford, Gold Beach, or Brookings.
<u>Twin rocks to the Oregon/California border (0-3 miles)</u> 10/13 - 11/3	Chin. only	Chin. 28"; barbless hooks. No more than 4 spreads per wire. Daily possession and landing limit of 25 Chinook per vessel. Landings restricted to Brookings.

Appendix Table 5. Oregon ocean troll effort (number of days fished) by statistical month of landing and area of landing, 1983-2006.

Columbia Area (2)											
	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	500	100	<50	200	200	0	0	0	1,000
1984	0	0	100	0	0	400	0	0	0	0	500
1985	0	0	400	0	0	300	0	<50	0	0	700
1986	0	0	300	<50	100	700	0	0	0	0	1,200
1987	0	0	100	0	200	0	0	0	0	0	300
1988	0	0	100	100	0	0	0	0	0	0	200
1989	0	0	100	<50	0	600	200	0	0	0	900
1990	0	0	100	<50	0	300	300	<50	0	0	700
1991	0	0	100	<50	0	400	200	0	0	0	700
1992	0	0	100	100	<50	<50	0	0	0	0	300
1993	0	0	<50	<50	100	100	100	0	0	0	200
1994	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	<50	<50	0	0	0	0	0	0	<50
1998	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	<50	0	0	0	0	0	0	<50
2000	0	0	<50	<50	0	200	<50	0	0	0	300
2001	0	0	<50	<50	100	100	<50	0	0	0	200
2002	0	0	<50	100	200	200	0	0	0	0	400
2003	0	0	100	<50	100	100	50	0	0	0	400
2004	0	0	<50	<50	<50	100	100	0	0	0	200
2005	0	0	200	<50	<50	200	0	0	0	0	400
2006	0	0	500	300	<50	100	100	0	0	0	1,000

Tillamook Area (3)											
	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	100	100	1,000	1,300	300	200	<50	0	2,900
1984	0	0	<50	<50	100	300	<50	<50	<50	0	500
1985	0	0	<50	100	600	500	100	100	0	0	1,400
1986	0	0	<50	<50	2,700	300	500	200	<50	0	3,700
1987	0	0	100	300	2,600	2,100	1,200	900	0	0	7,300
1988	0	0	200	1,100	4,000	2,900	1,500	900	<50	0	10,500
1989	0	0	500	700	3,200	1,500	1,300	600	<50	0	7,800
1990	0	0	100	100	1,600	2,300	600	500	<50	0	5,100
1991	0	0	100	100	1,700	400	500	700	0	0	3,500
1992	0	0	100	0	200	800	700	700	0	0	2,600
1993	0	0	100	100	200	200	800	500	0	0	1,800
1994	0	0	<50	100	0	0	100	400	<50	0	500
1995	0	0	100	100	0	500	300	200	<50	0	1,300
1996	0	0	100	300	<50	200	500	300	0	0	1,400
1997	0	<50	100	100	<50	100	200	200	<50	0	700
1998	0	<50	100	100	<50	200	300	300	<50	0	1,000
1999	0	<50	<50	100	100	200	200	100	<50	0	700
2000	0	<50	100	300	100	200	200	100	<50	0	900
2001	0	<50	100	200	300	300	200	100	<50	0	1,400
2002	<50	<50	100	200	100	300	400	400	<50	0	1,600
2003	<50	<50	500	500	200	100	300	300	<50	0	1,900
2004	<50	100	400	100	100	100	200	300	<50	0	1,300
2005	200	<50	400	600	100	0	300	100	<50	0	1,700
2006	0	0	0	200	<50	<50	200	300	<50	0	700

Appendix Table 5 (cont). Oregon ocean troll effort (number of days fished) by statistical month of landing and area of landing, 1983-2006.

Newport Area (4)

	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	200	600	3,500	1,800	500	300	<50	0	7,000
1984	0	0	100	200	900	800	<50	0	0	0	1,900
1985	0	0	900	400	1,600	900	100	200	0	0	4,100
1986	0	0	900	800	5,500	400	300	700	0	0	8,600
1987	0	0	1,000	900	3,100	1,600	1,200	800	<50	0	8,700
1988	0	0	900	1,700	4,200	4,000	900	700	100	0	12,400
1989	0	0	900	1,800	4,100	1,400	500	400	100	0	9,300
1990	0	0	500	1,400	1,600	600	200	100	<50	0	4,300
1991	0	0	600	2,000	900	600	500	400	0	0	5,100
1992	0	0	1,400	<50	1,100	1,700	700	900	0	0	5,800
1993	0	0	1,400	1,100	1,500	800	700	400	<50	0	5,900
1994	0	0	800	800	0	0	200	300	<50	0	2,100
1995	0	0	600	1,000	0	1,600	800	600	100	0	4,700
1996	0	0	1,000	1,100	100	1,300	800	500	0	0	4,800
1997	0	200	1,400	1,300	100	1,200	700	200	0	0	5,200
1998	0	700	1,300	1,000	200	900	200	100	0	0	4,500
1999	0	100	400	500	300	100	<50	100	0	0	1,500
2000	0	100	500	500	400	600	500	200	<50	0	2,700
2001	0	400	1,300	1,000	500	1,100	600	300	<50	0	5,200
2002	200	300	800	500	300	400	700	1,200	0	0	4,400
2003	50	300	900	500	500	600	900	800	0	0	4,600
2004	500	800	1,500	600	300	500	500	100	0	0	4,800
2005	300	100	600	1,700	200	0	1,000	300	<50	0	4,200
2006	0	0	0	800	500	200	400	200	100	0	2,200

Charleston Area (5)

	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	500	1,700	4,300	200	100	100	<50	0	6,900
1984	0	0	100	200	700	1,200	100	0	0	0	2,300
1985	0	0	1,700	1,500	3,900	4,600	1,500	400	0	0	13,700
1986	0	0	2,100	2,400	5,600	4,200	1,200	300	0	0	15,800
1987	0	0	1,700	1,700	10,300	3,500	3,100	700	0	0	21,000
1988	0	0	3,200	6,000	6,000	7,100	1,900	2,000	100	0	26,300
1989	0	0	4,500	4,200	6,400	4,900	1,100	1,200	700	0	22,900
1990	0	0	2,200	2,200	5,200	4,800	700	400	<50	0	15,600
1991	0	0	<50	1,800	1,500	1,000	800	500	0	0	5,600
1992	0	0	<50	<50	100	200	<50	100	0	0	400
1993	0	0	600	200	<50	<50	300	300	100	0	1,600
1994	0	0	100	300	0	0	100	300	100	0	800
1995	0	0	200	500	0	500	200	200	100	0	1,600
1996	0	0	300	500	<50	300	400	300	100	0	1,800
1997	0	100	500	400	<50	200	100	200	100	0	1,600
1998	0	200	400	300	100	200	100	200	100	0	1,400
1999	0	<50	200	800	400	700	200	200	100	<50	2,600
2000	0	100	200	200	700	1,100	500	300	200	100	3,300
2001	0	400	600	700	600	700	400	300	100	<50	3,800
2002	200	500	800	1,300	300	600	500	600	200	<50	4,800
2003	100	1,100	1,400	600	300	600	500	400	100	<50	5,000
2004	400	1,100	800	1,100	300	1,300	500	400	200	<50	6,100
2005	700	200	1,600	300	0	0	1,200	600	100	100	4,800
2006	0	0	0	<50	0	0	<50	200	200	<50	400

Appendix Table 5 (cont). Oregon ocean troll effort (number of days fished) by statistical month of landing and area of landing, 1983-2006.

Brookings Area (6)											
	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	200	900	1,500	300	100	600	100	0	3,700
1984	0	0	200	<50	400	1,600	<50	200	200	0	2,600
1985	0	0	<50	<50	100	200	100	200	200	0	900
1986	0	0	500	700	600	1,100	0	200	100	0	3,200
1987	0	0	500	900	0	0	0	300	300	0	2,000
1988	0	0	300	600	0	0	100	100	300	0	1,400
1989	0	0	200	300	0	400	300	<50	<50	0	1,300
1990	0	0	<50	0	0	400	<50	0	0	0	400
1991	0	0	0	0	0	<50	<50	0	0	0	<50
1992	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	<50	<50	0	<50	<50	200	<50	0	300
1995	0	0	<50	<50	<50	0	0	200	0	0	300
1996	0	0	100	<50	0	200	0	200	0	0	500
1997	0	<50	100	0	<50	<50	<50	200	0	0	400
1998	0	0	<50	<50	<50	<50	0	200	0	0	200
1999	0	<50	<50	0	<50	100	<50	100	<50	0	200
2000	0	0	<50	0	0	100	<50	100	0	0	300
2001	0	0	<50	<50	0	200	100	200	<50	0	500
2002	<50	<50	<50	100	100	100	100	100	0	0	400
2003	0	<50	50	50	100	100	100	100	<50	0	500
2004	<50	<50	100	100	100	100	50	100	<50	0	550
2005	<50	<50	0	0	0	0	100	100	<50	0	200
2006	0	0	0	0	0	0	<50	200	<50	0	200

Totals For Oregon											
	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	1,400	3,500	10,400	3,800	1,100	1,100	100	0	21,500
1984	0	0	400	400	2,100	4,300	200	300	200	0	7,800
1985	0	0	3,000	2,000	6,100	6,500	1,900	900	200	0	20,700
1986	0	0	3,900	4,000	14,400	6,700	2,000	1,300	100	0	32,500
1987	0	0	3,500	3,900	16,200	7,300	5,500	2,700	300	0	39,300
1988	0	0	4,600	9,500	14,100	14,000	4,300	3,800	400	0	50,800
1989	0	0	6,200	7,100	13,600	8,800	3,400	2,100	800	0	42,100
1990	0	0	2,800	3,700	8,400	8,300	1,800	1,000	100	0	26,200
1991	0	0	800	4,000	4,100	2,400	2,000	1,600	0	0	14,900
1992	0	0	1,600	200	1,500	2,700	1,500	1,700	0	0	9,200
1993	0	0	2,100	1,300	1,800	1,000	2,000	1,200	200	0	9,500
1994	0	0	1,000	1,200	0	100	300	1,100	100	0	3,800
1995	0	0	1,000	1,600	<50	2,600	1,300	1,200	200	0	7,900
1996	0	0	1,500	1,900	100	2,000	1,600	1,200	100	0	8,400
1997	0	400	2,100	1,900	100	1,500	1,000	700	100	0	7,800
1998	0	900	1,800	1,500	300	1,300	600	800	100	0	7,200
1999	0	200	600	1,400	800	1,100	500	500	100	<50	5,100
2000	0	200	700	1,000	1,200	2,200	1,300	800	200	100	7,500
2001	0	900	2,000	2,000	1,400	2,300	1,300	900	200	<50	11,100
2002	400	900	1,800	2,100	900	1,600	1,700	2,300	200	<50	11,700
2003	200	1,400	3,000	1,600	1,100	1,600	1,800	1,600	100	<50	12,400
2004	900	2,000	2,800	1,900	800	2,100	1,350	900	200	0	12,950
2005	1,200	300	2,800	2,600	300	200	2,600	1,100	100	100	11,300
2006	0	0	500	1,300	500	300	700	900	300	0	4,500

Appendix Table 5 (cont). Oregon ocean troll effort (number of days fished) by statistical month of landing and area of landing, 1983-2006.

Alaska Area (8)

	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	0	<50	0	0	0	0	0	0	<50
1984	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	<50	0	0	0	0	0	<50
1989	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0

Washington Area (1)

	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	100	<50	<50	<50	0	0	0	0	200
1984	0	0	100	0	0	<50	0	0	0	0	100
1985	0	0	100	0	200	<50	0	0	0	0	300
1986	0	0	<50	0	<50	0	0	0	0	0	<50
1987	0	0	100	0	<50	0	0	0	0	0	100
1988	0	0	100	<50	0	0	0	0	0	0	100
1989	0	0	<50	<50	0	0	0	0	0	0	<50
1990	0	0	<50	0	0	<50	0	0	0	0	100
1991	0	0	<50	<50	0	<50	<50	0	0	0	<50
1992	0	0	<50	100	0	<50	0	0	0	0	100
1993	0	0	0	0	<50	0	0	0	0	0	<50
1994	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	<50	<50	<50	<50	0	0	0	0	<50
2000	0	0	<50	<50	0	0	0	0	0	0	<50
2001	0	0	<50	<50	<50	0	0	0	0	0	<50
2002	0	0	200	100	<50	<50	0	0	0	0	300
2003	0	0	100	<50	<50	0	<50	0	0	0	100
2004	0	0	200	0	<50	<50	<50	0	0	0	200
2005	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	<50	0	0	0	0	<50

Appendix Table 5 (cont). Oregon ocean troll effort (number of days fished) by statistical month of landing and area of landing, 1983-2006.

California Area (7)

	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	<50	<50	<50	200	<50	0	0	0	300
1984	0	0	<50	<50	<50	<50	0	0	0	0	<50
1985	0	0	<50	<50	<50	<50	<50	0	0	0	<50
1986	0	0	0	0	<50	<50	<50	0	0	0	<50
1987	0	0	0	<50	<50	0	<50	0	0	0	<50
1988	0	0	0	<50	<50	100	<50	0	0	0	100
1989	0	0	<50	<50	<50	<50	<50	0	0	0	<50
1990	0	0	<50	0	<50	0	0	0	0	0	<50
1991	0	0	0	<50	0	<50	<50	0	0	0	<50
1992	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	<50	0	0	<50	0	0	0	<50
1994	0	0	0	0	<50	<50	0	0	0	0	0
1995	0	0	0	<50	<50	0	0	0	0	0	0
1996	0	0	0	0	0	<50	100	0	0	0	100
1997	0	0	0	0	<50	<50	0	0	0	0	<50
1998	0	0	<50	0	<50	0	<50	0	0	0	<50
1999	0	0	0	0	<50	0	0	0	0	0	<50
2000	0	0	0	0	<50	0	0	0	0	0	<50
2001	0	0	<50	0	<50	0	<50	0	0	0	<50
2002	0	0	<50	<50	0	0	0	0	0	0	<50
2003	0	0	<50	0	<50	0	0	0	0	0	<50
2004	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	<50	0	<50	0	0	0	<50
2006	0	0	0	0	0	0	0	0	0	0	0

Coastwide Totals

	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTALS
1983	0	0	1,500	3,600	10,400	4,100	1,200	1,100	100	0	22,100
1984	0	0	500	400	2,100	4,300	200	300	200	0	7,900
1985	0	0	3,100	2,000	6,300	6,600	1,900	900	200	0	21,000
1986	0	0	3,900	4,000	14,400	6,700	2,000	1,300	100	0	32,500
1987	0	0	3,600	3,900	16,300	7,300	5,500	2,700	300	0	39,500
1988	0	0	4,700	9,500	14,200	14,100	4,300	3,800	400	0	51,000
1989	0	0	6,300	7,100	13,600	8,800	3,400	2,100	800	0	42,100
1990	0	0	2,900	3,700	8,400	8,300	1,800	1,000	100	0	26,200
1991	0	0	800	4,000	4,100	2,400	2,000	1,600	0	0	14,900
1992	0	0	1,600	200	1,500	2,700	1,500	1,700	0	0	9,200
1993	0	0	2,100	1,300	1,800	1,000	2,000	1,200	200	0	9,500
1994	0	0	1,000	1,200	<50	100	300	1,100	100	0	3,800
1995	0	0	1,000	1,600	100	2,600	1,300	1,200	200	0	7,900
1996	0	0	1,500	1,900	100	2,000	1,700	1,200	100	0	8,500
1997	0	400	2,100	1,900	100	1,500	1,000	700	100	0	7,800
1998	0	900	1,800	1,500	300	1,300	600	800	100	0	7,200
1999	0	200	600	1,400	800	1,100	500	500	100	<50	5,100
2000	0	200	700	1,000	1,200	2,200	1,300	800	200	100	7,500
2001	0	900	2,100	2,000	1,400	2,300	1,300	900	200	<50	11,200
2002	400	900	1,900	2,200	900	1,600	1,700	2,300	200	<50	12,000
2003	200	1,400	3,100	1,700	1,200	1,600	1,800	1,600	100	<50	12,500
2004	900	2,000	3,000	1,900	800	2,100	1,350	900	200	0	13,150
2005	1,200	300	2,800	2,600	300	200	2,600	1,100	100	100	11,300
2006	0	0	500	1,300	500	300	700	900	300	0	4,500













Appendix Table 7. Oregon commercial ocean troll salmon Chinook catch, in number of fish, by statistical week<sup>a</sup> and area of catch, 2006.

Stat. Week	Area of catch									Total
	Col. R. 2	Tillamook 3	Newport 4	Coos Bay 5	Brookings 6	OR Subtotal	Alaska 8	Wash. 1	California 7	
12	-	-	-	-	-	-	-	-	-	0
13	-	-	-	-	-	-	-	-	-	0
14	-	-	-	-	-	-	-	-	-	0
15	-	-	-	-	-	-	-	-	-	0
16	-	-	-	-	-	-	-	-	-	0
17	-	-	-	-	-	-	-	-	-	0
18	-	-	-	-	-	-	-	-	-	0
19	429	0	-	-	-	429	-	-	-	429
20	2,583	0	-	-	-	2,583	-	-	-	2,583
21	2,395	0	-	-	-	2,395	-	-	-	2,395
22	1,760	0	-	-	-	1,760	-	-	-	1,760
23	1,414	2	-	-	-	1,416	-	-	-	1,416
24	399	826	3,488	108	0	4,821	-	-	-	4,821
25	1,350	227	3,999	0	0	5,576	-	-	-	5,576
26	0	98	523	0	0	621	-	-	-	621
27	5	0	387	0	0	392	-	-	-	392
28	0	5	23	0	0	28	-	-	-	28
29	0	54	2,484	0	0	2,538	-	-	-	2,538
30	0	1	510	0	0	511	-	-	-	511
31	1	0	539	0	0	540	-	-	-	540
32	0	17	923	0	0	940	-	-	-	940
33	4	0	0	0	0	4	-	-	-	4
34	5	0	0	0	0	5	-	-	-	5
35	26	0	0	0	0	26	-	1	-	27
36	26	22	0	16	12	76	-	-	-	76
37	61	34	1	5	0	101	-	-	-	101
38	31	32	20	7	0	90	-	-	-	90
39	-	93	2,721	10	0	2,824	-	-	-	2,824
40	-	291	1,110	27	0	1,428	-	-	-	1,428
41	-	274	106	31	0	411	-	-	-	411
42	-	407	405	59	172	1,043	-	-	-	1,043
43	-	208	553	373	200	1,334	-	-	-	1,334
44	-	70	464	499	218	1,251	-	-	-	1,251
45	-	95	639	213	136	1,083	-	-	-	1,083
46	-	-	-	126	0	126	-	-	-	126
47	-	-	-	200	0	200	-	-	-	200
48	-	-	-	87	0	87	-	-	-	87
49	-	-	-	195	0	195	-	-	-	195
50	-	-	-	131	0	131	-	-	-	131
Total	10,489	2,756	18,895	2,087	738	34,965	0	1	0	34,966

<sup>a</sup> Refer to Appendix Table 3 for 2006 statistical week calendar.

Appendix Table 8. Oregon commercial ocean troll salmon coho catch, in number of fish, by statistical week<sup>a</sup> and area of catch, 2006.

Stat. Week	Area of catch									Total
	Col. R. 2	Tillamook 3	Newport 4	Coos Bay 5	Brookings 6	OR Subtotal	Alaska 8	Wash. 1	California 7	
14	-	-	-	-	-	0	-	-	-	0
15	-	-	-	-	-	0	-	-	-	0
16	-	-	-	-	-	0	-	-	-	0
17	-	-	-	-	-	0	-	-	-	0
18	-	-	-	-	-	0	-	-	-	0
19	-	-	-	-	-	0	-	-	-	0
20	-	-	-	-	-	0	-	-	-	0
21	-	-	-	-	-	0	-	-	-	0
22	-	-	-	-	-	0	-	-	-	0
23	-	-	-	-	-	0	-	-	-	0
24	-	-	-	-	-	0	-	-	-	0
25	-	-	-	-	-	0	-	-	-	0
26	-	-	-	-	-	0	-	-	-	0
27	-	-	-	-	-	0	-	-	-	0
28	-	-	-	-	-	0	-	-	-	0
29	-	-	-	-	-	0	-	-	-	0
30	-	-	-	-	-	0	-	-	-	0
31	10	-	-	-	-	10	-	-	-	10
32	18	-	-	-	-	18	-	-	-	18
33	36	-	-	-	-	36	-	-	-	36
34	336	-	-	-	-	336	-	10	-	346
35	525	-	-	-	-	525	-	-	-	525
36	267	-	-	-	-	267	-	-	-	267
37	222	-	-	-	-	222	-	-	-	222
38	-	-	-	-	-	0	-	-	-	0
39	-	-	-	-	-	0	-	-	-	0
40	-	-	-	-	-	0	-	-	-	0
41	-	-	-	-	-	0	-	-	-	0
42	-	-	-	-	-	0	-	-	-	0
43	-	-	-	-	-	0	-	-	-	0
44	-	-	-	-	-	0	-	-	-	0
45	-	-	-	-	-	0	-	-	-	0
46	-	-	-	-	-	0	-	-	-	0
47	-	-	-	-	-	0	-	-	-	0
48	-	-	-	-	-	0	-	-	-	0
49	-	-	-	-	-	0	-	-	-	0
50	-	-	-	-	-	0	-	-	-	0
<b>Total</b>	<b>1,414</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,414</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>1,424</b>

<sup>a</sup> Refer to Appendix Table 3 for 2006 statistical week calendar.

Appendix Table 9. Estimates of nominal ex-vessel value<sup>a</sup> for Oregon ocean commercial troll salmon landings and average price per pound, 1974-2006.

Year	Chinook		Coho		Total Value
	\$ Value	\$/lb	\$ Value	\$/lb	
1974	2,412,000	1.05	5,525,000	0.76	7,937,000
1975	2,680,000	1.04	3,128,000	0.77	5,808,000
1976	3,410,000	1.77	11,458,000	1.26	14,868,000
1977	7,938,000	2.29	3,546,000	1.34	11,484,000
1978	3,584,000	1.89	3,756,000	1.35	7,340,000
1979	6,645,000	2.57	10,353,000	2.25	16,998,000
1980	5,262,000	2.42	2,928,000	1.33	8,189,000
1981	4,035,000	2.56	5,541,000	1.66	9,576,000
1982	6,092,000	2.59	3,805,000	1.40	9,897,000
1983	1,246,000	1.90	1,052,000	0.95	2,298,000
1984	1,514,000	2.75	121,000	1.73	1,635,000
1985	5,047,000	2.48	729,000	1.50	5,777,000
1986	5,978,000	1.77	1,979,000	1.03	7,958,000
1987	13,438,000	2.59	3,307,000	1.72	16,745,000
1988	14,008,000	3.19	7,616,000	2.28	21,624,000
1989	7,853,000	2.22	2,131,000	1.06	9,984,000
1990	5,525,000	2.53	1,014,000	1.60	6,540,000
1991	1,716,000	2.46	1,395,000	0.98	3,111,000
1992	2,489,000	2.45	223,000	1.07	2,712,000
1993	1,661,000	2.18	10,000	1.13	1,671,000
1994	690,000	2.40	0	NA	690,000
1995	3,294,000	1.69	0	NA	3,294,000
1996	3,007,000	1.56	0	NA	3,007,000
1997	2,468,800	1.60	0	NA	2,468,800
1998	2,297,300	1.64	0	NA	2,297,300
1999	1,404,600	1.94	0	NA	1,404,600
2000	2,992,000	2.01	77,400	1.06	3,069,400
2001	4,680,500	1.61	41,300	0.78	4,721,800
2002	5,379,000	1.54	8,000	0.75	5,387,000
2003	7,186,400	1.97	36,300	0.85	7,222,700
2004	9,833,300	3.45	86,400	1.24	9,919,700
2005	8,480,600	3.16	37,200	1.87	8,517,800
2006	2,663,200	5.48	38,100	2.90	2,701,300

<sup>a</sup> Dressed weight value

Appendix Table 10. Recreational ocean salmon sampling rates at Oregon ports, 1994-2006 (NF=No Fishery, NS = No Sampling).

Port	Percent of Catch Sampled <sup>a</sup>												
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Astoria	NF	32	37	46	45	37	42	24	35	28	25	42	38
Ganibaldi	24	42	32	41	53	56	47	39	42	33	34	57	32
Pacific City	<sup>b</sup>	100	<sup>b</sup>	75	55	78	76	50	50	48	43	73	59
Depoe Bay	40	NS	72	65	76	73	57	47	39	26	37	46	38
Newport	<sup>b</sup>	50	46	53	54	50	50	45	42	31	25	50	41
Florence	33	40	64	45	59	79	90	63	45	NS	62	58	NS
Winchester Bay	40	NS	42	54	25	43	39	35	25	29	31	47	27
Coos Bay	<sup>b</sup>	28	43	36	36	58	63	49	38	31	35	40	44
Bandon	NS	NS	NS	NS	NS	33	76	64	60	59	56	73	62
Port Orford	NS	NS	NS	NS	NS	25	<sup>b</sup>	100	NS	100	NS	NS	NS
Gold Beach	NS	NS	NS	NS	38	39	53	40	NS	56	NS	100	33
Brookings	28	36	33	29	42	31	34	37	40	39	39	49	46
Coastwide percentage	26	34	36	40	45	44	47	37	37	32	32	50	36
Number of samplers	12	13	15	15	15	22	30	27	23	27	27	29	27
Sampler months	47	56	58	61	61	91	142	121	101	131.5	133.5	129	125.5

<sup>a</sup> Percentage of total catch observed by samplers = number of salmon observed/estimated catch of salmon.

<sup>b</sup> No salmon observed in the sampling.



Appendix Table 11. Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations
				Daily	7 Day	Annual	Chin.	Coho	Pink		
1946	Statewide	All year	All	3	NA	NA	none	none	none	None	Possession limit of 9 salmon.
1947	Statewide	All year	All	2	NA	NA	none	none	none	None	Possession limit of 6 salmon.
1948-54	Statewide	All year	All	2	NA	20	none	none	none	None	Possession limit of 4 salmon.
1955-57	Statewide	All year	All	2	NA	20	20	20	20	None	Possession limit of 4 salmon.
1958-64	North of Tillamook Head	1/1-6/30; 11/1-12/31	All	2	NA	20	20	20	20	None	Possession limit of 4 salmon.
	North of Tillamook Head	7/1-10/31	All	2	NA	20	22	22	22	None	Possession limit of 4 salmon.
	South of Tillamook Head	All year	All	2	NA	20	20	20	20	None	Possession limit of 4 salmon.
1965-69	Statewide	All year	All	3	NA	20	20	20	20	None	Possession limit of 6 salmon.
1970-75	North of Tillamook Head	All year	All	3	NA	40	20	20	20	None	
	South of Tillamook Head	All year	All	3	NA	40	none	none	none	None	
1976	North of Tillamook Head	4/10-12/31	All	3	NA	40	24	16	none	None	
	South of Tillamook Head	4/10-12/31	All	3	NA	40	none	none	none	None	
1977	North of Tillamook Head	4/30-10/31	All	3	NA	40	24	16	none	None	
	South of Tillamook Head	4/30-10/31	All	3	NA	40	none	none	none	None	
	State waters off Elk and Chetco Rivers	11/1-30	All	3	NA	40	none	NA	NA	None	Chinook only fishery.
1978	North of Cape Falcon	4/29-10/31	All	3	NA	40	24	16	none	None	
	South of Cape Falcon	4/30-10/31	All	3	NA	40	22	16	none	None	
	State waters off Elk and Chetco Rivers	11/1-30	All	3	NA	40	22	NA	NA	None	Chinook only fishery.
1979	North of Cape Falcon	5/12-9/16	All	3	NA	40	24	16	none	None	Only 2 can be Chinook or coho.
	South of Cape Falcon	5/12-9/2	All	2	NA	40	22	16	none	None	
	South of Cape Falcon	9/3-16	All	2	NA	40	22	NA	none	None	Closed to coho.
	State waters off Elk River	11/1-30	All	2	NA	40	22	NA	NA	None	Chinook only fishery.
	State waters off Chetco River	9/17-11/30	All	2	NA	40	22	NA	NA	None	Chinook only fishery.
1980	North of Cape Falcon	5/10-7/15	All	3	NA	40	24	16	none	None	
	North of Cape Falcon	7/16-8/31	All	2	NA	40	24	16	none	None	
	North of Cape Falcon (0-3 miles)	9/1-14	All	2	NA	40	24	16	none	None	
	South of Cape Falcon	5/10-7/15	All	3	NA	40	22	16	none	None	
	South of Cape Falcon	7/16-8/31	All	2	NA	40	22	16	none	None	
	South of Cape Falcon (0-3 miles)	9/1-14	All	2	NA	40	22	16	none	None	
	South of Cape Falcon (0-3 miles)	9/15-10/31	All	2	NA	40	22	NA	NA	None	Chinook only fishery.
	State waters off Elk and Chetco Rivers	11/1-30	All	2	NA	40	22	NA	NA	None	Chinook only fishery.
1981	North of Cape Falcon	5/23-8/25	All	2	NA	40	24	16	none	None	
	North of Cape Falcon (0-3 miles)	8/26-9/7	All	2	NA	40	24	16	none	None	
	South of Cape Falcon	5/15-8/13	All	2	NA	40	22	16	none	None	
	South of Cape Falcon	8/14-25	All	3	NA	40	22	16	none	None	
	South of Cape Falcon (0-3 miles)	8/26-9/20	All	3	NA	40	22	16	none	None	
	South of Cape Blanco	9/21-10/31	All	2	NA	40	22	NA	NA	None	Chinook only fishery.
	State waters off Elk and Chetco Rivers	11/1-30	All	2	NA	40	22	NA	NA	None	Chinook only fishery.

Appendix 11 (cont). Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations
				Daily	7 Day	Annual	Chin.	Coho	Pink		
1982	North of Cape Falcon	6/12-7/21	All	2	NA	40	24	16	none	None	
	North of Cape Falcon (0-3 miles)	7/22-7/25	All	2	NA	40	24	16	none	None	
	North of Cape Falcon (0-3 miles)	7/26-8/1	All	2	NA	40	24	16	none	Barbless hooks	Only 1 coho.
	Cape Falcon to Cape Blanco	5/29-6/11	All	2	NA	40	none	NA	NA	Barbless hooks	First 2 Chinook only.
	Cape Falcon to Cape Blanco	6/12-7/25	All	2	NA	40	none	none	none	None	First 2 salmon only.
	Cape Falcon to Cape Blanco (0-3 miles)	7/26-8/1	All	2	NA	40	none	none	none	None	First 2 salmon only.
	South of Cape Blanco	5/29-8/1	All	2	NA	40	none	none	none	None	First 2 Chinook only.
	South of Cape Blanco	8/2-10/31	All	2	NA	40	none	NA	NA	None	Chinook only fishery.
	State waters off Elk and Chetco Rivers	11/1-30	All	2	NA	40	22	NA	NA	None	First 2 salmon only.
	1983	Cape Falcon to Cape Blanco	6/18-9/18	All	2	NA	40	none	none	none	None
Twin Rocks to Pyramid Rock (inside of whistle buoy)		9/19-10/31	All	2	NA	40	none	NA	NA	None	First 2 Chinook only.
South of Cape Blanco		5/28-9/18	All	2	NA	40	none	none	none	None	First 2 salmon only.
South of Cape Blanco		9/18-10/31	All	2	NA	40	none	NA	NA	None	First 2 salmon, except closed to coho.
											First 2 Chinook only.
State waters off Elk River		11/1-30	All	2	NA	40	none	NA	NA	None	
1984	Columbia R. S. Jetty to Cape Falcon (0-10 miles)	7/28-8/8	All	2	NA	40	NA	16	none	Barbless hooks	Closed to Chinook.
	South of Cape Falcon	7/9-8/7	All	2	NA	40	20	20	none	Barbless hooks	
	Cape Falcon to Cape Blanco (0-3 miles)	8/25-9/3	All	1	NA	40	20	20	none	Barbless hooks	
	Manhattan Beach to Pyramid Rock (0-3 miles)	9/15-21	All	2	NA	40	20	NA	none	Barbless hooks	Closed to coho.
	South of Cape Blanco	8/8-24	All	2	NA	40	20	NA	none	Barbless hooks	Closed to coho.
	South of Cape Blanco (0-3 miles)	9/25-9/3	All	2	NA	40	20	20	none	Barbless hooks	Only 1 coho.
	South of Cape Blanco	9/4-10/31	All	2	NA	40	20	NA	none	Barbless hooks	Closed to coho.
	Cape Blanco to Humbug Mt. (0-3 miles)	11/1-30	All	2	NA	40	20	NA	NA	Barbless hooks	Chinook only.
1985	North of Cape Falcon	6/30-8/22	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	Cape Falcon to Cape Blanco	7/1-9/2	All	2	6	40	none	none	none	None	First 2 salmon.
	Twin Rocks to Pyramid Rock (0-3 miles)	9/15-10/31	All	2	6	40	none	NA	none	None	First 2 salmon, closed to coho.
	South of Cape Blanco	5/25-9/2	All	2	6	40	none	none	none	None	First 2 salmon.
	South of Cape Blanco	9/3-10/31	All	2	6	40	none	NA	none	None	First 2 salmon, closed to coho.
	Tower Rock to Humbug Mt. (0-3 miles)	10/1-11/30	All	2	6	40	none	NA	none	None	First 2 salmon, closed to coho.
1986	North of Cape Falcon	6/29-8/19	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	Cape Falcon to Cape Blanco	5/24-26; 5/28-7/26	All	2	6	40	none	none	none	None	First 2 salmon.
	Cape Falcon to Cape Blanco	7/27-28	Tues-Sat	2	6	40	none	none	none	None	First 2 salmon.
	Cape Falcon to Cape Blanco	7/29-9/13	Tues-Sat	2	2	40	none	none	none	None	First 2 salmon.
	Twin Rocks to Pyramid Rock (0-3 miles)	9/15-11/15	All	2	6	40	none	NA	none	None	First 2 salmon, closed to coho.
	South of Cape Blanco	5/24-6/22	All	2	6	40	20	20	none	Barbless hooks	Limit of 1 coho and 1 Chinook.
	South of Cape Blanco	6/23-9/7	All	2	6	40	20	20	none	Barbless hooks	
	Cape Blanco to Humbug Mt. (0-3 miles)	10/1-11/26	All	2	6	40	20	NA	none	Barbless hooks	Closed to the take of coho.
	Goat Island to OR/CA Border (east of 124°20'00")	10/1-31	All	2	6	40	20	NA	none	Barbless hooks	Closed to the take of coho.
1987	North of Cape Falcon	6/28-7/18	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	North of Cape Falcon (3-200 miles)	7/19-8/8	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	North of Cape Falcon	8/9-19	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	Cape Falcon to Cape Blanco	8/13-9/13	All	2	6	40	none	none	none	None	
	Twin Rocks to Pyramid Rock (0-3 miles)	9/14-10/31	All	2	6	40	none	NA	none	None	First 2 salmon, closed to coho.
	South of Cape Blanco	5/23-9/13	All	2	6	40	20	20	none	Barbless hooks	
	Cape Blanco to Humbug Mt. (0-3 miles)	10/1-11/30	All	2	6	40	20	NA	none	Barbless hooks	Closed to the take of coho.
	Goat Island to OR/CA Border (east of 124°20'00")	10/1-31	All	2	6	40	20	NA	none	Barbless hooks	Closed to the take of coho.

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Appendix 11 (cont). Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations
				Daily	7 Day	Annual	Chin.	Coho	Pink		
1988	North of Cape Falcon (0-3 miles)	7/11-24	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks	Only 1 Chinook daily.
	Cape Falcon to Orford Reef Buoy (0-27 fathoms)	5/1-27	All	2	6	40	20	16	none	Barbless hooks	CRCZ a/ closed.
	Cape Falcon to Orford Reef Buoy	5/28-9/11	All	2	6	40	20	16	none	Barbless hooks	First 2 salmon.
	Twin Rocks to Pyramid Rock (0-3 miles)	9/12-10/31	All	2	6	40	none	NA	none	None	First 2 salmon.
	South of the Orford Reef Buoy	5/28-7/9	All	2	6	40	20	20	none	Barbless hooks	Closed to the take of coho.
	South of the Orford Reef Buoy	7/10-9/11	All	1	6	40	20	20	none	Barbless hooks	
	Orford Reef Red Buoy to Humbug Mt. (0-3 miles)	10/1-31	All	2	6	40	none	NA	none	Barbless hooks	Closed to the take of coho.
	Cape Blanco to Humbug Mt. (0-3 miles)	11/1-30	All	2	6	40	none	NA	none	Barbless hooks	Closed to the take of coho.
1989	North of Cape Falcon (0-6 miles)	5/28-6/12	Sun-Mon	2	NA	40	24	NA	none	Barbless hooks	Closed to coho. CRCZ a/ closed.
	North of Cape Falcon	6/26-8/17	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	Cape Falcon to Orford Reef Buoy (0-27 fathoms)	5/1-26	All	2	6	40	20	16	none	Barbless hooks	
	Cape Falcon to Orford Reef Buoy	5/27-7/27	All	2	6	40	20	16	none	Barbless hooks	
	Cape Falcon to Orford Reef Buoy	7/28-8/20	Sun-Thurs	2	6	40	20	16	none	Barbless hooks	
	Cape Falcon to Orford Reef Buoy	9/2-4	All	2	6	40	20	16	none	Barbless hooks	
	Twin Rocks to Pyramid Rock (0-3 miles)	9/16-10/31	All	2	6	40	none	NA	none	None	Closed to the take of coho.
	South of the Orford Reef Buoy	5/1-9/30	All	2	6	40	20	20	none	Barbless hooks	
	Cape Blanco to Humbug Mt. (0-3 miles)	10/1-11/30	All	2	6	40	none	NA	none	Barbless hooks	Closed to the take of coho.
	1990	North of Cape Falcon	6/24-8/30; 9/8-9	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks
Cape Falcon to Humbug Mt. (0-27 fathoms)		5/1-27	All	2	6	40	20	16	none	Barbless hooks	
Cape Falcon to Humbug Mt.		5/28-6/22	All	2	6	40	20	16	none	Barbless hooks	
Cape Falcon to Humbug Mt.		6/30-7/31	All	2	6	40	20	16	none	Barbless hooks	
Cape Falcon to Humbug Mt.		8/8-9/16	All	2	6	40	20	16	none	Barbless hooks	
Twin Rocks to Pyramid Rock (0-3 miles)		9/17-10/31	All	2	6	40	none	NA	none	None	Closed to the take of coho.
South of Humbug Mt.		5/1-8/29	All	2	6	40	20	20	none	Barbless hooks	
South of Humbug Mt.		6/30-8/15	All	2	6	40	20	20	none	Barbless hooks	Not more than 1 Chinook daily.
South of Humbug Mt.		8/16-9/9	All	2	6	40	20	20	none	Barbless hooks	
1991		North of Cape Falcon	6/24-8/12	Sun-Thurs	2	NA	40	24	16	none	Barbless hooks
	North of Cape Falcon	9/15-18; 9/26	All	2	NA	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	Cape Falcon to Humbug Mt. (0-27 fathoms)	5/1-26	All	2	6	40	20	16	none	Barbless hooks	
	Cape Falcon to Humbug Mt.	5/27-7/26	All	2	6	40	20	16	none	Barbless hooks	
	Twin Rocks to Pyramid Rock (0-3 miles)	9/16-10/31	All	2	6	40	none	NA	none	None	Closed to the take of coho.
	South of Humbug Mt.	5/25-7/28	Thurs-Mon	2	6	40	20	20	none	Barbless hooks	Not more than 1 Chinook daily.
	South of Humbug Mt.	7/23-28	Fri-Sun	2	6	40	20	20	none	Barbless hooks	Not more than 1 Chinook daily.
	South of Humbug Mt.	8/31-9/2	All	2	6	40	20	20	none	Barbless hooks	Not more than 1 Chinook daily.
South of Humbug Mt.	9/6-29	Fri-Sun	2	6	40	20	20	none	Barbless hooks	Not more than 1 Chinook daily.	
1992	North of Cape Falcon (0-3 miles)	6/29-7/30	Sun-Thurs	2	4	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	North of Cape Falcon	8/2-6; 9/16-17; 9/27	Sun-Thurs	2	4	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	Cape Falcon to Humbug Mt. (0-27 fathoms)	5/3-6/11	Sun-Thurs	2	4	20	20	16	none	Barbless hooks	
	Cape Falcon to Florence S. Jetty	6/14-9/10	Sun-Thurs	2	4	20	20	16	none	Barbless hooks	
	Twin Rocks to Pyramid Rock (0-3 miles)	9/16-10/31	All	2	6	40	none	NA	none	None	Closed to the take of coho.
	Florence S. Jetty to Humbug Mt.	6/14-7/2	Sun-Thurs	2	4	20	20	16	none	Barbless hooks	
	Florence S. Jetty to Humbug Mt.	7/5-8/31	Sun-Thurs	2	4	20	NA	16	none	Barbless hooks	Closed to the lake of Chinook.
	Florence S. Jetty to Humbug Mt.	9/1-10	Sun-Thurs	2	4	20	20	16	none	Barbless hooks	
	Cape Blanco to Humbug Mt. (0-3 miles)	10/24-26	All	1	6	40	20	NA	none	Barbless hooks	Closed to the lake of coho.
	South of Humbug Mt.	7/6-20	Mon-Wed	1	6	40	20	20	none	Barbless hooks	
	South of Humbug Mt.	9/1-7	All	1	6	40	20	20	none	Barbless hooks	
	Goat Island to Red Point (0-3 miles)	10/15-26	All	1	6	40	20	NA	none	Barbless hooks	Closed to the take of coho

Appendix 11 (cont). Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations
				Daily	7 Day	Annual	Chin.	Coho	Pink		
1993	North of Cape Falcon	7/5-9/9	Sun-Thurs	2	4	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	North of Cape Falcon	9/12-23	All	2	4	40	24	16	none	Barbless hooks	CRCZ a/ closed.
	Cape Falcon to Humbug Mt. (0-27 fathoms)	5/1-6/6	All	2	2	10	20	16	none	Barbless hooks	
	Cape Falcon to Humbug Mt.	7/13-8/10	Sun-Tues	2	2	10	20	16	none	Barbless hooks	
	Twin Rocks to Pyramid Rock (0-3 miles)	9/16-10/31	All	2	6	40	none	NA	none	None	Closed to the take of coho.
	Cape Blanco to Humbug Mt. (0-3 miles)	10/1-11/30	All	2	6	40	20	NA	none	Barbless hooks	Closed to the take of coho.
	South of Humbug Mt.	5/5-6/19	Wed-Sat	1	6	40	20	20	none	Barbless hooks	
	South of Humbug Mt.	7/14-8/28	Wed-Sat	1	6	40	20	20	none	Barbless hooks	
	South of Humbug Mt.	9/1-6	All	1	6	40	20	20	none	Barbless hooks	
1994	Cape Falcon to Humbug Mt. (0-27 fathom)	5/1-6/5	All	2	2	10	20	NA	none	Barbless hooks	Closed to the take of coho
	Twin Rocks to Pyramid Rock (0-27 fathom)	6/6-19	All	2	2	10	20	NA	none	Barbless hooks	Closed to the take of coho
	Twin Rocks to Pyramid Rock (0-3 miles)	10/1-11/15	All	2	6	40	none	NA	none	Barbless hooks	Closed to the take of coho
	Cape Blanco to Humbug Mt. (0-3 miles)	10/1-11/7	All	1	4	40	20	NA	none	Barbless hooks	Closed to the take of coho
	South of Humbug Mt.	5/1-6/7	All	2	6	40	none	NA	none	Barbless hooks	Closed to the take of coho
	South of Humbug Mt.	8/27-9/5	All	2	6	40	none	NA	none	Barbless hooks	Closed to the take of coho
	Goat Island to Red Point (0-3 miles)	10/10-25	All	1	4	40	20	NA	none	Barbless hooks	Closed to the take of coho
1995	North of Cape Falcon	7/24-9/5; 9/10-17	Sun-Thurs	2	4	40	NA	16	none	Barbless hooks	Open to all salmon except Chinook
	Cape Falcon to Humbug Mt.	5/1-6/30	All	2	6	10	20	NA	none	Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Open to all salmon except coho
	Twin Rocks to Pyramid Rock (0-3 miles)	9/16-11/15	All	2	6	40	20	NA	none	Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Open to all salmon except coho
	Yaquina Head to Seal Rock (0-3 miles)	9/16-10/31	All	2	6	40	20	NA	none	Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Open to all salmon except coho
	3 M. north of North Jetty to Cape Arago (0-3 m.)	9/16-10/31	All	2	6	40	20	NA	none	Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Open to all salmon except coho
	Cape Blanco to Humbug Mt.	10/1-11/7	All	2	6	40	20	NA	none	Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Open to all salmon except coho
	Humbug Mt. to Horse Mt.	5/17-7/1	Wed-Sat.	1	4	40	20	NA	none	Barbless hooks	Open to all salmon except coho
	Humbug Mt. to Horse Mt.	8/16-18	Wed-Sat.	1	4	40	20	NA	none	Barbless hooks	Open to all salmon except coho
	Humbug Mt. to Horse Mt.	9/1-9	All	1	6	40	20	NA	none	Barbless hooks	Open to all salmon except coho
	Goat Island to 42 01' 20"N	10/10-15; 10/21-22	All	1	4	40	20	NA	none	Barbless hooks	Open to all salmon except coho
1996	North of Cape Falcon	7/22-9/26	Sun-Thurs	2	4	40	NA	16	none	Barbless hooks	Open to all salmon except Chinook
	Cape Falcon to Humbug Mt.	5/1-7/7; 9/16-9/30	All	2	6	10	20	NA	none	Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Open to all salmon except coho
	Twin Rocks to Pyramid Rock (0-3 miles)	10/1-31	All	2	4	40	20	NA	none	Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Chinook only (0-3 miles)
	Cape Blanco to Humbug Mt.	10/1-11/30	All	1	4	40	20	NA	none	Barbless hooks	Chinook only (0-3 miles)
	Humbug Mt. to Horse Mt.	5/12-7/7; 8/18-9/21	All	1	4	40	20	NA	none	Barbless hooks	Open to all salmon except coho
	Goat Island to 42 01' 20"N	10/5-13	All	1	4	40	20	NA	none	Barbless hooks	Chinook only (0-3 miles)

Appendix 11 (cont). Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations		
				Daily	7 Day	Annual	Chin.	Coho	Pink				
1997	North of Cape Falcon	7/21 - 8/7	Sun-Thurs	2	4	20	NA	16	none	Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Open to all salmon except coho		
	Cape Falcon to Humbug Mt.	4/15 - 7/8; 8/1 - 10/31	All	2	6	20	20	NA	none				
	Twin Rocks to Pyramid Rock (0-3 miles)	11/1 - 11/15	All	2	4	20	20	NA	none			Artificial plugs or bait > 6"; no attractors (painted weights or attractors such as flashers or colored divers); no more than 2 single point, single shank, barbless hooks.	Chinook only (0-3 miles)
	Cape Blanco to Humbug Mt.	11/1 - 11/30	All	1	4	20	20	NA	none			Barbless hooks	Chinook only (0-3 miles)
	Humbug Mt. to Horse Mt.	5/24 - 5/30; 8/17 - 7/8; 8/12 - 9/14	All	1	4	20	20	NA	none			Barbless hooks	Open to all salmon except coho
	Goat Island to 42° 01' 20"N	10/4 - 10/12	All	1	4	20	20	NA	none	Barbless hooks	Chinook only (0-3 miles)		
1998	North of Cape Falcon	8/3 - 8/8; 9/3	Sun-Thurs	2	4	20	24	18	none	Whole or plug-cut bait > 6"; attractors and divers prohibited except flashers allowed on a downrigger. Barbless hooks.	All coho must have a healed adipose fin clip. Not more than one Chinook per day. Not more than 4 fish per calendar week (Sun-Sat). CRCZ <i>et</i> closed. Open to all salmon except coho		
	Cape Falcon to Humbug Mt.	4/15 - 7/8; 8/1 - 10/31	All	2	6	20	20	NA	none				
	Twin Rocks to Pyramid Rock (0-3 miles)	11/1 - 11/15	All	2	4	10	20	NA	none			Artificial plugs, whole or plug-cut bait > 6"; attractors (e.g., flashers and divers) prohibited except flashers allowed on a downrigger. No more than 2 single point, single shank barbless hooks.	Chinook only (0-3 miles)
	Cape Blanco to Humbug Mt.	11/1 - 11/30	All	1	4	20	20	NA	none			Barbless hooks	Chinook only (0-3 miles)
	Humbug Mt. to Horse Mt.	5/23 - 8/10; 8/21 - 7/5; 8/11 - 9/13	All	1	4	20	20	NA	none			Barbless hooks	Open to all salmon except coho
	Goat Island to 42° 01' 20"N	10/5 - 10/14	All	1	4	20	20	NA	none	Barbless hooks	Chinook only (0-3 miles)		
1999	Leadbetter Point, WA to Cape Falcon	7/19-9/30	Sun-Thurs	2	4	20	24	16	none	Whole or plug-cut bait > 6"; attractors and divers prohibited except flashers allowed on a downrigger. Barbless hooks.	All coho must have a healed adipose fin clip. Not more than one Chinook per day. Not more than 4 fish per calendar week (Sun-Sat). CRCZ <i>et</i> closed. Open to all salmon except coho		
	Cape Falcon to Humbug Mountain	4/1-7/8; 8/1-10/31	All	2	6	20	20	NA	none				
		7/10-11, 14-15, 18-19, 22-23, 26-27, 30-31	2 open 2 closed	2	6	20	20	16	none			Barbless hooks	All coho must have a healed adipose fin clip.
	Twin Rocks to Pyramid Rock (0-3 miles)	11/1 - 11/15	All	2	4	10	20	NA	none			Artificial plugs, whole or plug-cut bait > 6"; attractors (e.g., flashers and divers) prohibited except flashers allowed on a downrigger. No more than 2 single point, single shank barbless hooks.	Chinook only (0-3 miles)
	Cape Blanco to Humbug Mt.	11/1 - 12/15	All	2	NA	20	20	NA	none			Barbless hooks	Chinook only (0-3 miles)
	Humbug Mt. to Horse Mt.	5/29 - 7/4; 7/29 - 9/14	All	1	4	20	20	NA	none	Barbless hooks	Open to all salmon except coho		
	Goat Island to 42° 01' 20"N	10/2 - 10/11	All	1	4	4	20	NA	none	Barbless hooks	Chinook only (0-3 miles)		
2000	Leadbetter Point, WA to Cape Falcon	7/10 - 9/30	Sun - Thurs	2	NA	20	24	16	none	Single-point, single-shank barbless hooks.	Not more than 1 Chinook per day. All coho must have a healed adipose fin clip. Closed within CRCZ. Closed to retention of coho south of Tillamook Head beginning August 1.		
	Cape Falcon to Humbug Mountain	4/1-8/30 8/1-10/31	All	2	6	20	20	NA	none	Bait must be no less than 6" in length, but artificial lures and plugs are not restricted to size; divers are prohibited; flashers only with downriggers. No more than 2 single-point, single-shank barbless hooks.			
			Closed Mon and Fri	2	6	20	20	16	none	2 single-point, barbless hooks.	All retained coho must have a healed adipose fin clip. Mondays and Fridays are closed during the selective fishery; salmon angling for any species is prohibited. The TTCZ is open during the coho fishery under the selective fishery regulations.		

Appendix 11 (cont). Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations
				Daily	7 Day	Annual	Chin.	Coho	Pink		
2000	Humbug Mountain to Horse Mountain	5/27-7/6	All	1	4	20	20	NA	none	2 single-point, single-shank barbless hooks.	Closed within the Klamath River Control Zone.
	Twin Rocks to Pyramid Rock (0-3 miles)	7/29-10/10 11/1 - 11/15	All	2	4	10	20	NA	none	Artificial plugs, whole or plug-cut bait > 6"; attractors (e.g., flashers and divers) prohibited except allowed with a downrigger. No more than 2 single point, single shank barbless hooks.	Chinook only (0-3 miles)
	Cape Blanco to Humbug Mt. Goat Island to 42° 01' 20"N	11/1 - 12/15 10/7-10/15	All All	2 1	NA 4	20 4	20 20	NA NA	none none	Barbless hooks Barbless hooks	Chinook only (0-3 miles) Chinook only (0-3 miles)
2001	Leadbetter Point, WA to Cape Falcon	7/1-9/3	Sun-Thurs	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Closed between Cape Falcon and Tillamook Head beginning 08/01. Columbia Control Zone closed. Retained coho must have a healed adipose fin clip. No more than 1 Chinook per day.
	North Head Lighthouse to Tillamook Head	9/4-9/30	All	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Columbia Control Zone closed. Retained coho must have a healed adipose fin clip.
	Cape Falcon to Humbug Mountain	4/1-8/21, 7/20-10/31	All	2	6	NA	20	NA	none	Applicable 4/1-4/30: Bait must be no less than 6" in length (excluding hooks and swivels), but artificial lures and plugs are not restricted to size; divers are prohibited; fishers only with downriggers.	Tillamook Triangular Control Zone closed 4/1-4/30, 8/1-8/21, and 7/20-8/31.
		6/22-7/19	All	2	6	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks. No more than 2 single-point, single-shank barbless hooks.	All salmon except coho. Retained coho must have a healed adipose fin clip.
	Humbug Mountain to Horse Mountain	5/17-7/8	All	2	4	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	All salmon except coho.
		7/24-9/3	All	2	6	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Klamath River Control Zone closed. All salmon except coho.
	Twin Rocks to Pyramid Rock (0-3 miles)	4/1-7/31	All	2	2	10	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Chinook only. Coho allowed during the ocean selective coho fishery.
8/1-11/15		All	2	4	10	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Annual adult limit applies to Tillamook Terminal Area and Tillamook, Nehalem, and Nestucca basins in aggregate (rivers and bays combined) from 4/1 - 7/31. Tillamook Triangular Control Zone closed 4/1-4/30 and 8/1-8/21. Chinook only.	
State waters off Elk River State waters off Chotco River	11/1-12/15	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Annual adult limit applies to Tillamook Terminal Area and Tillamook, Nehalem, and Nestucca basins in aggregate (rivers and bays combined) from 8/1 - 12/31. Tillamook Triangular Control Zone closed 7/20-8/31.	
	10/1 - 10/12	All	1	NA	4	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Chinook only (0-3 miles) Chinook only (0-3 miles)	
2002	US/ Canada Border to Cape Falcon	5/25-6/16	All	2	NA	NA	24	NA	NA	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of all other salmon and steelhead. Columbia Control Zone closed.

Appendix 11 (cont). Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations
				Daily	7 Day	Annual	Chin.	Coho	Pink		
2002	Leadbetter Point, WA to Cape Falcon	7/7-7/20	Sun-Thurs	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Columbia Control Zone closed. Closed between Cape Falcon and Tillamook Head beginning 08/01. Columbia Control Zone closed. Closed to Chinook retention. Closed between Cape Falcon and Tillamook Head. Columbia Control Zone closed. Closed between Cape Falcon and Tillamook Head beginning 08/01. Columbia Control Zone closed. Closed to retention of Chinook. Closed to retention of coho. Retained coho must have a healed adipose fin clip. Klamath River Control Zone closed. Open for adipose fin-clipped coho during the selective coho fishery. Triangular control zone Open for adipose fin-clipped Chinook. Chinook only. Annual adult limit applies to Tillamook Terminal Area and Tillamook, Nehalem, and Nestucca basins in aggregate (rivers and bays combined) from 8/1 - 12/31. Chinook only (0-3 miles) Chinook only (0-3 miles)
		7/21-8/11	Sun-Thurs	2	NA	NA	26	16	none		
		8/12-8/15	Sun-Thurs	2	NA	NA	NA	15	none		
	Cape Falcon to Humbug Mountain	4/1-7/8, 8/2-10/31 7/7-8/1	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks. No more than 2 single-point, single-shank barbless hooks.	
			All	2	NA	NA	20	16	none		
	Humbug Mountain to Horse Mountain	5/15-6/30, 7/3-7/4, 8/1-9/15	All	2	6	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	
	State waters off Tillamook River	4/1-7/31	All	2	NA	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks.	
			All	2	4	10	20	NA	none		
	State waters off Elk River	11/1-12/15	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	
			All	1	NA	4	20	NA	none		
State waters off Chetco River	10/1-10/13	All	1	NA	4	20	NA	none	No more than 2 single-point, single-shank barbless hooks.		
		All	1	NA	4	20	NA	none			
2003	US/ Canada Border to Cape Falcon	5/25-6/16	All	2	NA	NA	24	NA	NA	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of all other salmon and steelhead. Columbia Control Zone closed. Columbia Control Zone closed. Closed between Cape Falcon and Tillamook Head beginning 08/01. Columbia Control Zone closed. Closed to Chinook retention. Closed between Cape Falcon and Tillamook Head. Columbia Control Zone closed. Closed between Cape Falcon and Tillamook Head beginning 08/01. Columbia Control Zone closed. Closed to retention of Chinook. Closed to retention of coho. Retained coho must have a healed adipose fin clip. Klamath River Control Zone closed. Open for adipose fin-clipped coho during the selective coho fishery. Chinook only. Annual adult limit applies to Tillamook Terminal Area and Tillamook, Nehalem, and Nestucca basins in aggregate (rivers and bays combined) from 8/1 - 12/31.
Leadbetter Point, WA to Cape Falcon	7/7-7/20 7/21-8/11	Sun-Thurs	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks		
		Sun-Thurs	2	NA	NA	26	16	none			
	8/12-8/15	Sun-Thurs	2	NA	NA	NA	15	none	Single-point, single-shank, barbless hooks		
		All	2	NA	NA	NA	16	none			
Cape Falcon to Humbug Mountain	4/1-7/8, 8/2-10/31 7/7-8/1	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks. No more than 2 single-point, single-shank barbless hooks.		
		All	2	NA	NA	20	16	none			
Humbug Mountain to Horse Mountain	5/15-6/30, 7/3-7/4, 8/1-9/15	All	2	6	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.		
State waters off Tillamook River Terminal area	03/15-11/15	All	2	NA	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks.		
		All	2	NA	NA	20	NA	none			

Appendix 11 (cont). Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations
				Daily	7 Day	Annual	Chin.	Coho	Pink		
2003	State waters off Tillamook River Triangular Control zone	03/15-07/31	All	2	4	10	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Triangular control zone open for adipose fin-clipped Chinook and adipose fin-clipped coho during the ocean selective coho season. Chinook only (0-3 miles)
	State waters off Elk River	11/1-12/15	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	
2004	Leadbetter Point, WA to Cape Falcon	06/27-07/22 07/23-08/30	Sun-Thurs All	2	NA	NA	26	16	none	Single-point, single-shank, barbless hooks Single-point, single-shank, barbless hooks	Columbia Control Zone closed. Closed between Cape Falcon and Tillamook Head beginning 08/01. Columbia Control Zone closed.
	US/ Canada Border to Cape Falcon	08/13-09/30	All	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Chinook length limit lowered to 24".
	Tillamook Head to Cape Falcon	09/04-09/30	All	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Cape Falcon to Tillamook Head reopened.
	Cape Falcon to Humbug Mountain	03/15-06/18	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of coho. Retained coho must have a healed adipose fin clip.
	Capo Falcon to Oregon/California Border	09/01-10/31 08/19-08/31	All	2	NA	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks.	Klamath Control Zone Closed Aug 1 through 31.
	Humbug Mountain to Horse Mountain	05/15-09/12	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Open for adipose fin-clipped coho during the selective coho fishery.
	State waters off Tillamook River Terminal area	03/15-11/15	All	2	NA	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks.	Chinook only. Annual adult limit applies to Tillamook Terminal Area and Tillamook, Nehalem, and Nostucca basins in aggregate (rivers and bays combined) from 8/1 - 12/31.
		08/01-11/15	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	
	State waters off Tillamook River Triangular Control zone	03/15-07/31	All	2	4	10	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Triangular control zone open for Chinook only (0-3 miles)
	State waters off Elk River	11/1-12/15	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	
2005	Leadbetter Point, WA to Cape Falcon	07/03-07/28	Sun-Thurs	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Columbia Control Zone closed. Closed between Capo Falcon and Tillamook Head beginning 08/01. Columbia Control Zone closed.
		07/29-09/08	All	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Open seven days each week.
		09/09-09/16	All	2	NA	NA	NA	16	none	Single-point, single-shank, barbless hooks	Closed to retention of Chinook.
		09/17-09/30	All	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Reopened to the retention of Chinook.
	Cape Falcon to Humbug Mountain	03/15-06/17	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of coho. Retained coho must have a healed adipose fin clip.
		06/18-07/31	All	2	NA	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of coho. Retained coho must have a healed adipose fin clip.
	Humbug Mountain to Horse Mountain	05/21-06/17	All	2	NA	NA	24	NA	none	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of coho. Retained coho must have a healed adipose fin clip.
		06/18-07/04	All	2	NA	NA	24	16	none	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of coho. Retained coho must have a healed adipose fin clip.
	State waters off Tillamook River Terminal area	08/14-09/11	All	2	NA	NA	24	NA	none	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of coho. Retained coho must have a healed adipose fin clip.
		03/15-08/17	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Closed to retention of coho. Retained coho must have a healed adipose fin clip.
		06/18-07/31	All	2	NA	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks.	Chinook only. Annual adult limit applies to Tillamook Terminal Area and Tillamook, Nehalem, and Nostucca basins in aggregate (rivers and bays combined) from 8/1 - 12/31.
		08/01-11/15	All	2	4	10	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	
	State waters off Tillamook River Triangular Control zone	03/15-06/17	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Adipose fin-clipped Chinook.
		06/18-07/31	All	2	NA	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks.	Adipose fin-clipped Chinook and coho.
	State waters off Elk River	11/01-12/15	All	2	NA	NA	20	NA	none	No more than 2 single-point, single-shank barbless hooks.	Chinook only (0-3 miles).
	State waters of Chetco River	10/01-10/12	All	1	NA	4	20	NA	NA	No more than 2 single-point, single-shank barbless hooks.	Chinook only (0-3 miles).



Appendix 11 (cont). Summary of Oregon's recreational ocean salmon regulations, 1946-2006.

Year	Open Area	Open Season	Open Days	Catch Limits			Size Limits (inches)			Gear Restrictions	Misc Regulations	
				Daily	7 Day	Annual	Chin.	Coho	Pink			
2008	Leadbetter Point, WA to Capo Falcon	07/03-08/10	Sun-Thurs	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks	Columbia Control Zone closed. Closed between Capo Falcon and Tillamook Head beginning 08/01. Columbia Control Zone closed. Open seven days each week and any two salmon daily possession limit. Capo Falcon to Tillamook Head reopened. Closed to retention of coho. Retained coho must have a healed adipose fin clip. Closed to retention of coho. Retained coho must have a healed adipose fin clip. Closed to retention of Chinook. Closed to retention of coho. Retained coho must have a healed adipose fin clip. Chinook only. Annual adult limit applies to Tillamook Terminal Area and Tillamook, Nehalem, and Nestucca basins in aggregate (rivers and bays combined) from 8/1 - 12/31. Adipose fin-clipped Chinook. Adipose fin-clipped Chinook and coho. Chinook only (0-3 miles). Chinook only (0-3 miles).	
		08/11-09/30	All	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks		
		08/26-09/30	All	2	NA	NA	24	16	none	Single-point, single-shank, barbless hooks		
	Capo Falcon to Humbug Mountain	03/15-06/16	08/01-10/31	All	2	NA	NA	20	NA	none		No more than 2 single-point, single-shank barbless hooks.
		06/17-07/31		All	2	NA	NA	20	16	none		No more than 2 single-point, single-shank barbless hooks.
	Humbug Mountain to Horse Mountain	05/15-06/16	09/1-09/08	All	2	NA	NA	24	NA	none		No more than 2 single-point, single-shank barbless hooks.
		08/17-07/04		All	2	NA	NA	24	16	none		No more than 2 single-point, single-shank barbless hooks.
	Humbug Mountain to Horse Mountain State waters off Tillamook River Terminal area	07/05-07/31		All	2	NA	NA	NA	16	none		No more than 2 single-point, single-shank barbless hooks.
		03/15-06/16		All	2	NA	NA	20	NA	none		No more than 2 single-point, single-shank barbless hooks.
		06/17-07/31		All	2	NA	NA	20	16	none		No more than 2 single-point, single-shank barbless hooks.
		08/01-11/15		All	2	4	10	20	NA	none		No more than 2 single-point, single-shank barbless hooks.
	State waters off Tillamook River Triangular Control zone	03/15-06/16		All	2	NA	NA	20	NA	none		No more than 2 single-point, single-shank barbless hooks.
06/17-07/31			All	2	NA	NA	20	16	none	No more than 2 single-point, single-shank barbless hooks.		
State waters off Elk River State waters of Chetco River	11/1-12/15		All	2	NA	NA	20	NA	NA	No more than 2 single-point, single-shank barbless hooks.		
	10/01-10/12		All	1	NA	4	20	NA	NA	No more than 2 single-point, single-shank barbless hooks.		

a/ CRCZ = Columbia River Conservation Zone. This fishery management area has changed in size during a number of years, but in general has been the area off the Columbia River between North Head, Washington and the red buoy line on the Oregon side. The name was changed to Columbia River Control Zone in 1992.

b/ Gear Restrictions: Artificial plugs or whole bait, both 8" or larger. No more than 2 single shank, single point barbless hooks; no painted weights or attractors such as flashers or colored divers (uncolored divers are not considered attractors).

c/ TTCZ = Tillamook Triangular Control Zone. The northern boundary is defined as a line from the green buoy to an ODFW marker onshore at 45° 35' 00" N. lat. The southern boundary is defined as a line from the green buoy to an ODFW marker onshore at 45° 32' 50" N. lat.

Appendix Table 12. Oregon ocean recreational salmon angler effort, by port and statistical week<sup>a</sup>, 2006 (NS = open for salmon, but no sampling).

Stat. Week	Astoria	Garibaldi	Pacific City	Depoe Bay	Newport	Florence	Winchester Bay	Coos Bay	Bandon	Gold Beach	Brookings	Total
7	-	-	-	-	-	-	-	-	-	-	4	4
8	-	-	-	-	-	-	-	-	-	-	-	0
9	-	-	-	-	-	-	-	-	-	-	-	0
10	-	-	-	-	-	-	-	-	-	-	-	0
11	-	-	-	-	-	-	-	-	-	-	-	0
12	-	0	NS	0	4	NS	NS	4	NS	-	-	8
13	-	0	NS	0	0	NS	NS	4	NS	-	-	4
14	-	2	NS	0	4	NS	NS	6	NS	-	-	12
15	-	0	NS	0	0	NS	NS	0	NS	-	-	0
16	-	2	NS	0	3	NS	NS	0	NS	-	-	5
17	-	0	NS	4	21	NS	NS	8	NS	-	-	33
18	-	14	NS	0	15	NS	NS	25	NS	-	-	54
19	-	30	NS	0	3	NS	20	35	NS	-	-	88
20	-	63	NS	10	30	NS	42	1	NS	-	-	146
21	-	235	NS	0	77	NS	53	73	NS	NS	410	848
22	-	54	NS	8	11	NS	22	33	NS	NS	201	329
23	-	101	NS	2	49	NS	105	85	NS	NS	417	759
24	-	220	NS	0	69	NS	241	53	NS	NS	306	889
25	-	35	2	90	136	NS	146	110	15	0	454	988
26	-	250	101	300	290	NS	156	46	21	0	184	1,348
27	-	524	101	146	511	NS	732	231	50	10	1,286	3,591
28	597	1,035	674	386	453	NS	2,714	863	50	24	692	7,488
29	153	187	231	347	711	NS	1,461	697	34	-	-	3,821
30	374	506	152	505	1,363	NS	965	264	30	-	-	4,159
31	577	354	55	284	1,398	NS	1,039	568	55	-	-	4,330
32	532	247	19	126	420	NS	927	287	20	-	-	2,578
33	1,027	173	17	34	143	NS	524	170	26	-	-	2,114
34	1,137	105	4	33	66	NS	451	115	27	-	-	1,938
35	1,965	171	6	39	68	NS	548	93	32	-	-	2,922
36	963	591	114	273	675	NS	925	370	79	34	2,407	6,431
37	614	784	78	270	380	NS	569	222	37	6	613	3,573
38	33	718	0	13	15	NS	148	43	8	-	-	978
39	56	1,221	4	10	51	NS	118	49	0	-	-	1,509
40	-	1,841	16	58	167	NS	125	104	13	NS	505	2,829
41	-	2,144	0	23	114	NS	NS	42	NS	NS	2,098	4,421
42	-	1,912	6	13	117	NS	NS	29	NS	-	983	3,060
43	-	624	NS	5	21	NS	NS	10	NS	-	-	660
44	-	302	NS	0	6	NS	NS	0	NS	-	-	308
45	-	98	NS	0	0	NS	NS	0	-	-	-	98
46	-	-	-	-	-	-	-	-	-	-	-	0
	8,028	14,543	1,580	2,979	7,391	0	12,031	4,640	497	74	10,560	62,323

<sup>a</sup> Refer to Appendix Table 3 for 2006 statistical week calendar.

Appendix Table 13. Oregon ocean recreational effort in salmon angler trips by area<sup>a</sup> and month, 1982-2006.

Area	March	April	May	June	July	August	Sept.	Oct.	Nov.	Season <sup>b</sup>
<u>Columbia R.</u>										
1982	-	-	-	4,900	22,300	-	-	-	-	27,200
1983	-	-	-	2,700	12,900	11,500	3,800	-	-	30,900
1984	-	-	-	-	2,000	5,100	-	-	-	7,100
1985	-	-	-	600	7,800	11,600	-	-	-	20,000
1986	-	-	-	700	12,100	7,700	-	-	-	20,600
1987	-	-	-	600	8,500	8,000	-	-	-	17,100
1988	-	-	-	-	5,700	-	-	-	-	5,700
1989	-	-	100	1,200	9,200	9,200	-	-	-	19,800
1990	-	-	-	1,900	8,900	13,200	1,400	-	-	25,500
1991	-	-	-	1,500	9,000	9,400	1,800	-	-	21,700
1992	-	-	-	-	9,800	1,800	1,300	-	-	12,900
1993	-	-	-	-	6,000	8,200	4,300	-	-	18,500
1994	-	-	-	-	-	-	-	-	-	0
1995	-	-	-	-	2,300	7,700	1,000	-	-	10,900
1996	-	-	-	-	1,000	3,800	900	-	-	5,600
1997	-	-	-	-	2,800	800	-	-	-	3,600
1998	-	-	-	-	-	1,800	300	-	-	2,100
1999	-	-	-	-	2,100	3,700	1,700	-	-	7,400
2000	-	-	-	4,000	4,400	-	-	-	-	8,400
2001	-	-	-	500	7,500	13,000	2,200	-	-	23,200
2002	-	-	100	300	4,000	6,400	1,200	<50	-	12,100
2003	-	-	-	200	5,300	12,600	1,300	-	-	19,200
2004	-	-	-	300	4,400	11,300	2,600	-	-	18,600
2005	-	-	-	300	1,900	10,300	800	-	-	13,300
2006	-	-	-	-	1,700	5,800	800	-	-	8,300
<u>Tillamook</u>										
1982	-	-	100	2,700	21,800	-	-	-	-	24,600
1983	-	-	-	1,200	12,600	7,800	3,700	-	-	25,300
1984	-	-	-	-	11,800	10,800	1,200	-	-	23,800
1985	-	-	-	-	13,000	21,700	2,200	1,600 <sup>c</sup>	-	38,600
1986	-	-	<50	1,900	13,000	3,100	-	-	-	17,900
1987	-	-	-	1,800	12,400	10,900	3,800	-	-	29,100
1988	-	-	300	2,100	9,600	13,800	7,400	-	-	33,300
1989	-	-	300	3,000	15,400	12,300	300	-	-	31,300
1990	-	-	100	1,200	9,900	16,300	6,000	-	-	33,500
1991	-	-	400	4,000	16,600	-	-	-	-	21,000
1992	-	-	1,200	3,400	11,700	7,100	2,800	-	-	26,100
1993	-	-	800	200	3,100	1,500	-	-	-	5,600
1994	-	-	600	900	-	-	-	8,700	<50	10,300
1995	-	-	600	100	-	-	1,300	1,000	800	3,800
1996	-	-	800	100	<50	500	3,700	3,300	-	8,300
1997	-	-	<50	100	200	200	1,400	1,800	-	3,700
1998	-	-	600	100	100	200	2,300	2,900	-	6,100
1999	-	<50	600	100	3,400	300	3,100	3,500	100	11,200
2000	-	-	400	1,000	2,900	400	3,400	3,200	200	11,500
2001	-	<50	500	2,800	7,300	900	2,800	2,100	200	16,500
2002	-	<50	400	400	7,000	4,800	5,000	6,800	100	24,400
2003	<50	<50	400	1,900	12,000	5,400	4,800	3,000	400	28,000
2004	<50	100	400	2,800	11,900	6,700	4,400	2,600	300	29,200
2005	<50	100	500	2,300	3,200	2,200	3,200	600	<50	12,100
2006	<50	<50	400	1,300	3,200	1,300	4,600	5,000	100	15,900

Appendix Table 13 (cont). Oregon ocean recreational effort in salmon angler trips by area<sup>a</sup> and month, 1982-2006.

Area	March	April	May	June	July	August	Sept.	Oct.	Nov.	Season <sup>b</sup>
<u>Newport</u>										
1982	-	-	200	7,300	46,000	-	-	-	-	53,500
1983	-	-	-	3,600	22,800	10,900	5,200	-	-	42,600
1984	-	-	-	-	24,000	19,200	800	-	-	44,000
1985	-	-	-	-	24,300	44,400	1,800	-	-	70,600
1986	-	-	1,400	3,900	38,900	8,000	-	-	-	52,200
1987	-	-	-	5,200	40,000	23,200	8,600	-	-	76,900
1988	-	-	1,000	7,100	37,900	34,200	9,400	-	-	89,600
1989	-	-	900	17,200	37,500	26,300	800	-	-	82,800
1990	-	-	700	5,500	32,800	28,300	4,100	-	-	71,400
1991	-	-	800	11,800	40,600	-	-	-	-	53,300
1992	-	-	1,100	7,100	27,900	14,600	2,400	-	-	53,000
1993	-	-	300	100	11,600	5,100	-	-	-	17,100
1994	-	-	100	<50	-	-	-	-	-	100
1995	-	-	100	200	-	-	400	100	-	900
1996	-	-	300	200	<50	1,800	500	-	-	2,800
1997	-	<50	100	200	300	1,400	300	0	-	2,400
1998	-	-	<50	100	300	700	200	<50	-	1,300
1999	-	<50	<50	100	7,100	100	<50	<50	-	7,400
2000	-	-	<50	1,600	10,200	900	300	100	-	13,000
2001	-	100	200	6,700	13,300	2,400	900	100	-	23,700
2002	-	<50	100	500	12,300	2,800	1,500	700	-	18,100
2003	<50	<50	300	3,800	20,800	12,800	1,400	500	-	39,600
2004	<50	100	100	4,600	17,600	12,700	3,400	400	-	38,900
2005	-	300	400	3,900	3,600	2,900	2,100	200	-	13,400
2006	<50	<50	100	1,600	5,400	1,900	1,000	300	-	10,300
<u>Coos Bay</u>										
1982	-	-	100	12,000	77,300	-	-	-	-	59,400
1983	-	-	-	14,200	36,900	13,600	6,900	-	-	71,600
1984	-	-	-	-	22,000	17,900	300	-	-	40,200
1985	-	-	-	-	33,100	29,200	1,200	-	-	63,500
1986	-	-	800	4,900	33,600	4,300	-	-	-	43,600
1987	-	-	-	3,900	40,600	12,800	5,200	-	-	62,500
1988	-	-	1,300	9,900	33,100	21,000	3,700	-	-	69,000
1989	-	-	600	16,200	33,900	15,600	100	-	-	66,600
1990	-	-	600	8,800	24,300	24,900	6,400	-	-	65,000
1991	-	-	1,000	17,300	39,400	-	-	-	-	57,700
1992	-	-	1,400	9,400	28,600	12,800	3,300	-	-	55,600
1993	-	-	900	300	10,100	4,000	-	-	-	15,300
1994	-	-	200	200	-	-	-	-	-	400
1995	-	-	100	500	-	-	100	<50	-	700
1996	-	-	200	600	600	1,900	700	-	-	3,900
1997	-	<50	300	500	1,300	1,500	400	0	-	3,900
1998	-	-	<50	<50	500	1,600	100	0	-	2,300
1999	-	-	<50	600	5,000	1,800	200	0	-	7,600
2000	-	-	100	1,700	13,300	7,200	1,200	100	<50	23,600
2001	-	100	600	8,100	15,400	6,100	800	100	-	31,100
2002	-	200	800	5,200	17,400	6,500	3,000	400	-	33,400
2003	<50	100	900	5,300	21,300	12,900	2,200	100	-	42,800
2004	<50	100	1,000	7,400	19,900	9,400	2,700	<50	-	40,500
2005	<50	100	600	6,400	7,000	8,100	2,500	<50	-	24,700
2006	<50	<50	300	2,000	8,700	4,600	1,400	100	-	17,100

Appendix Table 13 (cont). Oregon ocean recreational effort in salmon angler trips by area<sup>a</sup> and month, 1982-2006.

Area	March	April	May	June	July	August	Sept.	Oct.	Nov.	Season <sup>b</sup>
<b>Brookings</b>										
1982	-	-	400	5,200	39,700	10,200	3,000	2,600	300	61,400
1983	-	-	800	9,800	22,700	11,200	6,100	5,000	100	55,700
1984	-	-	-	-	15,100	16,800	2,900	3,100	-	38,000
1985	-	-	4,600	-	28,500	19,300	2,600	4,000	-	59,000
1986	-	-	3,600	10,400	20,100	13,000	600	5,000	-	52,700
1987	-	-	2,300	10,000	29,000	15,200	7,100	5,900	-	69,400
1988	-	-	800	14,200	25,200	11,300	1,600	-	-	53,100
1989	-	-	3,100	15,700	26,600	16,300	4,100	-	-	65,800
1990	-	-	1,400	14,500	22,800	11,500	800	-	-	51,100
1991	-	-	1,100	11,600	17,800	1,900	4,000	-	-	36,400
1992	-	-	-	-	8,900	-	4,900	3,900	-	17,600
1993	-	-	3,700	2,700	6,500	8,100	2,800	-	-	23,800
1994	-	-	6,300	1,300	-	1,400	2,900	4,200	-	16,100
1995	-	-	2,300	6,200	0	4,400	3,000	3,400	-	19,400
1996	-	-	1,700	5,900	2,200	6,000	3,200	4,300	-	23,300
1997	-	-	2,500	3,300	2,900	5,500	1,000	1,300	-	16,700
1998	-	-	1,400	2,000	1,500	4,200	2,000	2,800	-	14,000
1999	-	-	200	900	2,500	6,600	3,300	2,300	-	15,800
2000	-	-	200	2,600	2,600	11,900	1,500	3,200	-	22,000
2001	-	-	3,700	4,100	4,400	9,200	400	4,300	-	26,100
2002	-	-	1,800	4,000	500	5,700	3,800	4,000	-	19,700
2003	-	-	1,100	1,500	3,900	4,100	1,500	2,600	-	14,700
2004	-	-	1,200	3,400	3,800	4,400	3,800	1,600	-	18,200
2005	-	-	500	3,500	300	4,600	1,200	2,400	-	12,500
2006	-	-	600	2,700	700	2,400	1,100	3,100	-	10,600
<b>All Areas</b>										
1982	-	-	700	32,100	177,100	10,200	3,000	2,600	300	226,000
1983	-	-	800	31,500	108,000	55,100	25,500	5,000	100	226,000
1984	-	-	-	-	74,900	69,800	5,300	3,100	-	153,100
1985	-	-	4,600	600	106,800	126,200	7,800	5,600	-	251,600
1986	-	-	5,700	21,900	117,700	36,000	600	5,000	-	187,000
1987	-	-	2,300	21,500	130,500	70,200	24,700	5,900	-	255,100
1988	-	-	3,500	33,200	111,500	80,400	22,100	-	-	250,700
1989	-	-	5,300	53,400	122,600	79,700	5,300	-	-	266,300
1990	-	-	2,800	32,000	98,700	94,300	18,800	-	-	246,600
1991	-	-	3,400	46,200	123,400	11,300	5,800	-	-	190,100
1992	-	-	3,700	19,900	86,900	36,300	14,700	3,900	-	165,300
1993	-	-	5,800	3,300	37,300	26,900	7,100	-	-	80,300
1994	-	-	7,200	2,400	-	1,400	2,900	13,300	-	27,300
1995	-	-	3,200	7,100	2,300	12,100	5,900	4,600	800	35,900
1996	-	-	3,000	6,800	3,800	13,900	8,900	7,500	-	44,000
1997	-	<50	2,900	4,000	7,400	9,500	3,100	3,100	0	30,100
1998	-	-	2,100	2,200	2,400	8,500	4,800	5,700	0	25,700
1999	-	<50	800	1,700	20,200	12,400	8,400	5,800	100	49,400
2000	-	-	700	6,900	33,000	24,900	6,300	6,500	200	78,600
2001	-	100	5,000	22,200	47,800	31,600	7,000	6,600	200	120,600
2002	-	300	3,200	10,400	41,400	26,200	14,400	11,900	100	107,700
2003	100	100	2,800	12,500	63,300	47,700	11,200	6,300	400	144,400
2004	<50	300	2,700	18,500	57,600	44,500	16,900	4,600	300	145,400
2005	<50	500	2,000	16,400	16,000	28,100	9,800	3,200	<50	76,000
2006	<50	<50	1,400	7,600	19,700	16,000	8,900	8,500	100	62,200

<sup>a</sup> Columbia River area includes Astoria, Warrenton, and Hammond; Tillamook area includes Garibaldi and Pacific City; Newport area includes Depoe Bay and Newport; Coos Bay area includes Florence, Winchester Bay, and Coos Bay; Brookings area includes Gold Beach and Brookings.

<sup>b</sup> By area and calendar month. Season totals may vary from summarized months due to rounding.

<sup>c</sup> Only 600 were ocean only trips. Most were combination bay-ocean trips.

Appendix Table 14. Summary of Oregon recreational ocean salmon effort and catch by area, 1979-2006.

Effort (Salmon Angler Trips) <sup>a</sup>							Chinook							Coho						
Year	Area <sup>a</sup>						Year	Area <sup>a</sup>						Year	Area <sup>a</sup>					
	Columbia R.	Tillamook	Newport	Coos Bay	Brookings	Total		Columbia R.	Tillamook	Newport	Coos Bay	Brookings	Total		Columbia R.	Tillamook	Newport	Coos Bay	Brookings	Total
1979	43,300	31,000	72,400	94,700	59,900	301,300	1979	7,500	1,000	1,400	4,500	6,400	20,900	1979	38,000	9,400	36,300	79,000	18,200	180,800
1980	46,300	47,800	83,900	97,400	56,000	331,400	1980	5,500	1,600	1,800	5,300	4,800	19,000	1980	55,600	28,900	72,400	135,900	33,000	325,800
1981	44,700	38,000	77,300	83,900	67,100	311,000	1981	11,500	1,900	2,400	4,500	8,900	29,200	1981	54,300	17,700	61,900	57,600	8,300	199,800
1982	27,200	24,600	53,500	59,400	61,300	226,000	1982	8,200	1,400	3,500	10,100	15,500	38,700	1982	35,500	23,100	44,000	55,600	16,900	175,100
1983	30,900	25,300	42,600	71,600	55,700	226,000	1983	3,400	700	1,600	6,600	12,400	24,700	1983	37,200	8,800	21,800	62,700	16,300	146,900
1984	7,100	23,800	44,000	0	38,000	153,100	1984	100	1,100	2,000	4,900	9,000	17,000	1984	10,900	20,300	41,200	39,400	11,500	123,300
1985	20,200	38,500	70,600	63,500	59,000	251,600	1985	3,600	2,600	4,100	9,500	36,100	55,900	1985	31,000	31,000	61,800	51,200	7,400	182,400
1986	20,600	17,900	52,200	43,600	52,700	187,000	1986	1,900	500	2,300	6,100	12,000	22,800	1986	39,100	24,300	80,400	63,200	12,000	218,900
1987	17,100	29,100	76,900	62,500	69,400	255,100	1987	4,100	3,500	6,400	19,000	26,400	59,400	1987	25,600	16,400	65,300	54,100	19,000	180,500
1988	5,700	33,300	89,600	69,000	53,100	250,700	1988	500	2,700	5,300	8,100	21,700	38,300	1988	9,800	29,900	100,800	71,200	15,000	226,900
1989	19,800	31,300	82,800	66,600	65,800	266,300	1989	1,500	900	1,800	6,700	21,200	32,000	1989	34,300	30,300	102,500	73,100	33,000	273,300
1990	25,500	33,500	71,400	65,000	51,100	246,600	1990	3,300	1,200	2,700	6,600	12,700	26,500	1990	36,100	22,900	64,100	62,200	15,300	200,600
1991	21,700	21,000	53,300	57,700	36,400	190,100	1991	1,000	700	900	5,100	6,800	14,400	1991	39,400	25,600	81,100	90,800	22,200	259,100
1992	12,900	26,100	53,000	55,600	17,600	165,300	1992	500	1,500	4,100	3,800	2,700	12,600	1992	22,300	20,800	63,500	76,000	3,300	185,800
1993	18,500	5,600	17,100	15,300	23,800	80,300	1993	900	300	400	1,100	3,800	6,500	1993	22,300	2,300	16,400	12,200	6,000	59,300
1994	0	1,030	100	400	16,200	27,900	1994	0	2,400	<50	<50	3,600	6,000	1994	0	<50 <sup>b</sup>	0	0	<50 <sup>b</sup>	<50 <sup>b</sup>
1995	10,900	3,800	900	700	19,400	35,900	1995	100	500	100	200	5,700	6,700	1995	11,800	<50 <sup>b</sup>	<50 <sup>b</sup>	0	100 <sup>b</sup>	11,900
1996	5,600	8,300	2,800	3,900	23,300	44,000	1996	<50	1,600	600	800	8,200	11,200	1996	7,000	<50 <sup>b</sup>	<50 <sup>b</sup>	<50 <sup>b</sup>	100 <sup>b</sup>	7,200
1997	3,600	3,700	2,400	3,900	16,400	30,100	1997	200	500	1,300	700	5,100	7,700	1997	5,800	<50 <sup>b</sup>	<50 <sup>b</sup>	<50 <sup>b</sup>	100 <sup>b</sup>	6,000
1998	2,100	6,100	1,300	2,300	14,000	25,700	1998	100	1,100	400	500	1,900	4,000	1998	2,100	<50 <sup>b</sup>	<50 <sup>b</sup>	<50 <sup>b</sup>	<50 <sup>b</sup>	2,300
1999	7,400	11,200	7,400	7,600	15,800	49,400	1999	900	1,600	300	1,400	3,400	7,700	1999	7,600	1,000	4,000	1,100	<50 <sup>b</sup>	13,600
2000	8,400	11,500	13,000	23,600	22,000	78,600	2000	800	1,200	1,600	10,100	11,800	25,500	2000	13,700	2,000	12,300	5,100	100 <sup>b</sup>	33,200
2001	23,200	16,500	23,700	31,100	26,100	120,600	2001	2,600	2,500	5,300	9,500	7,200	27,200	2001	39,200	12,300	23,500	19,300	100 <sup>b</sup>	94,300
2002	12,100	24,400	18,100	33,400	19,700	107,700	2002	2,800	8,800	6,500	19,500	9,900	47,500	2002	14,400	5,900	10,800	5,300	100 <sup>b</sup>	36,500
2003	19,200	28,000	39,600	42,800	14,700	144,400	2003	2,300	5,400	12,400	15,000	5,400	40,700	2003	29,800	21,200	38,500	24,100	100 <sup>b</sup>	113,700
2004	18,600	29,300	39,000	40,500	18,300	145,700	2004	2,200	8,900	17,800	20,700	6,800	56,400	2004	22,500	14,400	23,500	10,100	1,300	71,800
2005	13,300	12,100	13,400	24,600	12,600	76,000	2005	3,600	2,700	4,700	11,200	5,700	27,900	2005	10,000	1,100	1,100	1,400	100	13,700
2006	8,300	15,900	10,400	17,200	10,600	62,400	2006	500	3,400	700	5,200	1,800	11,600	2006	5,400	1,400	4,600	3,600	700	15,700

<sup>a</sup> Columbia River area includes Astoria, Warrenton, and Hammond; Tillamook area includes Garibaldi and Pacific City; Newport area includes Depoe Bay and Newport; Coos Bay area includes Florence, Winchester Bay, Coos Bay and Bandon; Brookings area includes Port Orford, Gold Beach and Brookings.

<sup>b</sup> Represents illegal coho landings.

Appendix Table 15. Oregon ocean recreational Chinook catch (number of fish) by catch area and month, 1982-2006.

Area <sup>a</sup>	Month									Season <sup>b</sup>
	March	April	May	June	July	August	Sept.	Oct.	Nov.	
<u>Columbia River</u>										
1982	-	-	-	2,200	6,000	-	-	-	-	8,200
1983	-	-	-	1,000	1,600	500	200	-	-	3,400
1984	-	-	-	-	-	-	-	-	-	0
1985	-	-	-	100	1,300	2,200	-	-	-	3,600
1986	-	-	-	100	1,200	700	-	-	-	1,900
1987	-	-	-	200	2,000	1,900	-	-	-	4,100
1988	-	-	-	-	500	-	-	-	-	500
1989	-	-	<50	200	200	1,100	-	-	-	1,500
1990	-	-	-	100	900	2,200	100	-	-	3,300
1991	-	-	-	100	300	500	<50	-	-	1,000
1992	-	-	-	-	300	200	<50	-	-	500
1993	-	-	-	-	300	400	200	-	-	900
1994	-	-	-	-	-	-	-	-	-	0
1995	-	-	-	-	<50	100	<50	-	-	100
1996	-	-	-	-	<50	<50	<50	-	-	<50
1997	-	-	-	-	100	100	-	-	-	200
1998	-	-	-	-	-	100	<50	-	-	100
1999	-	-	-	-	200	600	100	-	-	900
2000	-	-	-	-	400	300	-	-	-	800
2001	-	-	-	100	900	1,500	100	-	-	2,600
2002	-	-	<50	300	1,500	800	<50	-	-	2,800
2003	-	-	-	<50	500	1,659	117	-	-	2,300
2004	-	-	-	<50	300	1,400	400	-	-	2,100
2005	-	-	-	100	400	2,600	500	-	-	3,600
2006	-	-	-	-	100	400	<50	-	-	500
<u>Tillamook<sup>c</sup></u>										
1982	-	-	-	100	1,300	-	-	-	-	1,400
1983	-	-	-	100	400	200	100	-	-	700
1984	-	-	-	-	600	500	100	-	-	1,100
1985	-	-	-	-	1,100	1,400	100	100	-	2,600
1986	-	-	0	<50	200	200	-	-	-	500
1987	-	-	-	100	800	2,000	600	-	-	3,500
1988	-	-	<50	100	300	1,300	1,000	-	-	2,700
1989	-	-	<50	100	300	400	<50	-	-	900
1990	-	-	0	100	500	400	300	100	-	1,200
1991	-	-	<50	300	400	-	-	-	-	700
1992	-	-	100	300	600	300	200	-	-	1,500
1993	-	-	100	<50	200	<50	-	-	-	300
1994	-	-	100	100	-	-	-	2,200	0	2,400
1995	-	-	100	<50	-	-	100	300	100	500
1996	-	-	100	<50	<50	100	700	700	-	1,600
1997	-	-	0	<50	<50	<50	200	300	-	500
1998	-	-	100	<50	<50	<50	500	500	-	1,100
1999	-	-	100	<50	200	<50	700	500	<50	1,600
2000	-	0	<50	100	100	<50	500	400	100	1,200
2001	-	-	100	200	700	200	800	400	<50	2,500
2002	-	<50	100	100	3,200	2,200	1,500	1,700	0	8,800
2003	-	-	100	400	1,700	700	1,500	900	100	5,400
2004	-	<50	<50	500	3,100	2,800	900	1,400	100	8,800
2005	<50	<50	<50	400	700	300	1,100	200	-	2,700
2006	-	-	<50	100	200	200	1,000	1,900	<50	3,400

Appendix Table 15 (cont.) Oregon ocean recreational Chinook catch (number of fish) by catch area and month, 1982-2006.

Area <sup>a</sup>	Month									Season <sup>b</sup>	
	March	April	May	June	July	August	Sept.	Oct.	Nov.		
<u>Newport</u>											
1982	-	-	-	600	2,900	-	-	-	-	-	3,500
1983	-	-	-	400	800	300	200	-	-	-	1,600
1984	-	-	-	-	1,100	900	100	-	-	-	2,000
1985	-	-	-	-	1,400	2,600	100	-	-	-	4,100
1986	-	-	100	100	1,900	100	-	-	-	-	2,300
1987	-	-	-	200	2,400	2,100	1,700	-	-	-	6,400
1988	-	-	100	800	2,200	1,700	500	-	-	-	5,300
1989	-	-	100	700	500	400	<50	-	-	-	1,800
1990	-	-	<50	300	1,400	800	200	-	-	-	2,700
1991	-	-	100	400	400	-	-	-	-	-	900
1992	-	-	100	300	2,800	900	100	-	-	-	4,100
1993	-	-	<50	0	300	100	-	-	-	-	400
1994	-	-	<50	0	-	-	-	-	-	-	<50
1995	-	-	<50	<50	<50	-	<50	<50	-	-	100
1996	-	-	<50	<50	<50	400	100	-	-	-	600
1997	-	0	<50	100	200	900	100	0	-	-	1,300
1998	-	-	<50	100	100	100	<50	<50	-	-	400
1999	-	-	<50	<50	300	<50	<50	<50	-	-	300
2000	-	-	<50	100	700	500	300	<50	-	-	1,600
2001	-	<50	100	400	1,500	2,300	900	200	-	-	5,300
2002	-	<50	<50	200	3,300	1,000	1,200	800	-	-	6,500
2003	-	<50	100	900	6,900	3,000	1,100	300	-	-	12,400
2004	-	<50	100	600	6,900	8,200	1,500	500	-	-	17,800
2005	-	100	100	400	500	1,000	2,600	100	-	-	4,800
2006	<50	<50	<50	100	300	100	100	100	-	-	700
<u>Coos Bay</u>											
1982	-	-	<50	1,000	9,100	-	-	-	-	-	10,100
1983	-	-	-	1,300	2,400	1,100	1,700	-	-	-	6,600
1984	-	-	-	-	2,200	2,600	100	-	-	-	4,900
1985	-	-	-	-	4,400	4,900	100	-	-	-	9,500
1986	-	-	<50	1,000	4,500	500	-	-	-	-	6,100
1987	-	-	-	900	10,700	4,600	2,800	-	-	-	19,000
1988	-	-	200	1,700	2,800	3,100	200	-	-	-	8,100
1989	-	-	100	1,800	4,300	600	<50	-	-	-	6,700
1990	-	-	<50	600	2,800	2,300	800	-	-	-	6,600
1991	-	-	<50	2,100	2,900	-	-	-	-	-	5,100
1992	-	-	100	2,000	1,000	300	400	-	-	-	3,800
1993	-	-	100	<50	600	400	-	-	-	-	1,100
1994	-	-	<50	<50	-	-	-	-	-	-	<50
1995	-	-	<50	200	-	-	<50	<50	-	-	200
1996	-	-	<50	100	300	300	100	-	-	-	800
1997	-	<50	<50	100	200	300	100	0	-	-	700
1998	-	-	-	<50	100	300	<50	0	-	-	500
1999	-	-	<50	200	900	400	<50	0	-	-	1,400
2000	-	-	<50	400	6,600	2,600	500	<50	-	-	10,100
2001	-	<50	100	1,400	5,500	2,200	300	<50	-	-	9,500
2002	-	100	200	4,800	10,200	2,800	1,200	100	-	-	19,500
2003	<50	<50	100	1,600	6,500	5,400	1,400	<50	-	-	15,000
2004	<50	<50	200	2,800	11,400	3,700	2,600	<50	-	-	20,700
2005	-	-	100	2,900	3,100	3,300	1,800	<50	-	-	11,200
2006	-	<50	<50	400	3,200	1,200	400	-	-	-	5,200



Appendix Table 15 (cont.) Oregon ocean recreational Chinook catch (number of fish) by catch area and month, 1982-2006.

Area <sup>a</sup>	Month									Season <sup>b</sup>
	March	April	May	June	July	August	Sept.	Oct.	Nov.	
<b>Brookings</b>										
1982	-	-	<50	800	12,700	1,500	200	200	<50	15,500
1983	-	-	500	3,400	4,900	1,500	1,000	1,000	<50	12,400
1984	-	-	-	-	1,900	5,600	1,100	400	-	9,000
1985	-	-	2,500	-	23,000	9,700	400	600	-	36,100
1986	-	-	1,100	2,800	3,500	3,900	<50	600	-	12,000
1987	-	-	100	3,800	9,800	5,600	5,900	1,100	-	26,400
1988	-	-	100	12,400	6,500	2,600	100	-	-	21,700
1989	-	-	400	3,600	9,400	6,800	1,000	-	-	21,200
1990	-	-	400	4,600	6,500	1,200	<50	-	-	12,700
1991	-	-	<50	4,100	2,300	100	300	-	-	6,800
1992	-	-	-	-	1,500	-	400	700	-	2,700
1993	-	-	1,100	200	600	1,300	500	-	-	3,800
1994	-	-	1,900	100	-	300	300	1,100	-	3,600
1995	-	-	200	1,600	0	2,300	800	800	-	5,700
1996	-	-	500	2,700	300	2,800	600	1,300	-	8,200
1997	-	-	800	800	1,000	1,600	100	700	-	5,100
1998	-	-	200	300	300	400	200	400	-	1,900
1999	-	-	<50	<50	900	1,700	500	300	-	3,400
2000	-	-	<50	400	2,100	8,000	500	800	-	11,800
2001	-	-	800	1,000	1,200	3,000	300	900	-	7,200
2002	-	-	500	2,500	<50	2,700	3,900	300	-	9,900
2003	-	-	400	300	1,200	1,400	1,600	600	-	5,400
2004	-	-	500	2,300	1,500	1,600	600	200	-	6,700
2005	-	-	200	2,900	<50	1,000	1,200	400	-	5,700
2006	-	-	<50	500	200	500	200	400	-	1,800
<b>All Areas</b>										
1982	-	-	<50	4,700	31,900	1,500	200	200	<50	38,700
1983	-	-	500	6,100	10,100	3,600	3,300	1,000	-	24,700
1984	-	-	-	-	5,800	9,600	1,200	400	-	17,000
1985	-	-	2,500	100	31,400	20,800	600	600	-	55,900
1986	-	-	1,200	4,100	11,400	5,400	<50	600	-	22,800
1987	-	-	100	5,300	25,800	16,100	11,000	1,100	-	59,400
1988	-	-	400	15,000	12,400	8,700	1,900	-	-	38,300
1989	-	-	600	6,400	14,700	9,300	1,100	-	-	32,000
1990	-	-	400	5,700	12,100	6,900	1,400	100	-	26,500
1991	-	-	200	7,000	6,300	600	300	-	-	14,400
1992	-	-	200	2,500	6,200	1,700	1,200	700	-	12,600
1993	-	-	1,300	200	1,900	2,300	700	-	-	6,400
1994	-	-	1,900	300	-	300	300	3,300	-	6,000
1995	-	-	300	1,800	<50	2,400	1,000	1,100	100	6,700
1996	-	-	700	2,900	600	3,500	1,500	2,000	-	11,200
1997	-	<50	900	900	1,600	2,800	500	1,000	0	7,700
1998	-	-	300	400	600	1,000	800	900	-	4,000
1999	-	-	100	300	2,400	2,700	1,300	900	-	7,700
2000	-	-	100	1,000	9,900	11,400	1,800	1,200	100	25,500
2001	-	<50	1,000	3,200	9,900	9,200	2,400	1,500	<50	27,200
2002	-	200	900	8,000	18,200	9,500	7,800	2,900	0	47,500
2003	<50	<50	700	3,300	16,900	12,200	5,700	1,800	100	40,700
2004	<50	<50	800	6,200	23,200	17,700	6,000	2,100	100	56,100
2005	<50	100	400	6,700	4,700	8,200	7,200	700	0	28,000
2006	<50	<50	0	1,100	4,000	2,400	1,700	2,400	<50	11,600

<sup>a</sup> Columbia River area includes Astoria, Warrenton, and Hemmond; Tillamook area includes Garibaldi and Pacific City; Newport area includes Depoe Bay and Newport; Coos Bay area includes Florence, Winchester Bay, Coos Bay and Bandon; Brookings area includes Gold Beach and Brookings from 1979 through 1987.

<sup>b</sup> Individual monthly catches may not equal season total due to rounding. Season totals for individual catch areas for 1974-75 data may not equal the sum of combined months due to some effort/landings not identified by port of landing. "All Areas" summary includes unidentified data.

<sup>c</sup> Catch estimates for the fall state waters fishery off the mouth of Tillamook Bay, are not included for 1983, 1984, 1988-89, or 1991-93.

Appendix Table 16. Oregon ocean recreational Chinook catch, by port and statistical week<sup>a</sup>, 2006 (NS = open for Chinook, but no sampling).

Stat. Week	Astoria	Garibaldi	Pacific City	Depoe Bay	Newport	Florence	Winchester Bay	Coos Bay	Bandon	Gold Beach	Brookings	Total
11	-	-	-	-	-	-	-	-	-	-	-	0
12	-	0	NS	0	2	NS	NS	0	NS	-	-	2
13	-	0	NS	0	0	NS	NS	0	NS	-	-	0
14	-	0	NS	0	0	NS	NS	0	NS	-	-	0
15	-	0	NS	0	0	NS	NS	0	NS	-	-	0
16	-	0	NS	0	0	NS	NS	3	NS	-	-	3
17	-	0	NS	0	1	NS	NS	0	NS	-	-	1
18	-	0	NS	0	0	NS	NS	0	NS	-	-	0
19	-	0	NS	2	0	NS	0	0	NS	-	-	2
20	-	3	NS	2	8	NS	0	1	NS	-	-	14
21	-	35	NS	0	2	NS	0	4	NS	NS	19	60
22	-	2	NS	2	1	NS	0	6	NS	NS	33	44
23	-	12	NS	2	1	NS	6	10	NS	NS	123	154
24	-	26	NS	0	20	NS	70	11	NS	NS	22	149
25	-	0	NS	4	12	NS	30	23	0	0	48	117
26	-	11	4	22	11	NS	8	0	2	0	2	60
27	-	18	4	0	5	NS	214	7	7	0	318	573
28	25	41	56	10	3	NS	1545	363	0	2	184	2,229
29	10	2	14	28	38	NS	541	133	4	-	-	770
30	29	60	8	26	42	NS	151	24	5	-	-	345
31	17	19	3	33	114	NS	177	215	3	-	-	581
32	55	2	1	14	30	NS	147	40	4	-	-	293
33	55	11	0	3	9	NS	70	25	6	-	-	179
34	71	2	0	4	2	NS	75	5	6	-	-	165
35	125	4	0	5	0	NS	364	30	14	-	-	542
36	51	51	2	15	31	NS	267	89	45	0	453	1,004
37	54	95	6	16	30	NS	250	56	9	0	152	668
38	0	31	0	0	3	NS	8	21	0	-	-	63
39	2	362	0	0	19	NS	21	11	0	-	-	415
40	0	542	0	6	14	NS	32	49	3	-	39	685
41	-	694	0	0	35	NS	NS	0	NS	-	250	979
42	-	891	0	7	38	NS	NS	0	NS	-	147	1,083
43	-	210	NS	0	0	NS	NS	0	NS	-	-	210
44	-	149	NS	0	0	NS	NS	0	NS	-	-	149
45	-	49	NS	0	0	NS	NS	0	NS	-	-	49
46	-	-	-	-	-	-	-	-	-	-	-	0
<b>Total</b>	<b>494</b>	<b>3,322</b>	<b>98</b>	<b>201</b>	<b>471</b>	<b>0</b>	<b>3,976</b>	<b>1,126</b>	<b>108</b>	<b>2</b>	<b>1,790</b>	<b>11,588</b>

<sup>a</sup> Refer to Appendix Table 3 for 2006 statistical week calendar.

Appendix Table 17. Oregon ocean recreational coho catch (number of fish) by catch area and month, 1982-2006.

Area <sup>a</sup>	Month						Season <sup>b</sup>
	May	June	July	August	Sept.	Oct.	
<u>Columbia R.</u>							
1982	-	5,300	30,200	-	-	-	35,500
1983	-	3,600	18,900	9,700	5,100	-	37,200
1984	-	-	3,600	7,300	-	-	10,900
1985	-	700	11,600	18,800	-	-	31,000
1986	-	1,700	23,300	14,100	-	-	39,100
1987	-	900	12,500	12,300	-	-	25,600
1988	-	-	9,800	-	-	-	9,800
1989	-	1,600	17,500	15,200	-	-	34,300
1990	-	3,500	14,700	16,600	1,300	-	36,100
1991	-	2,400	16,400	17,200	3,400	-	39,400
1992	-	-	17,900	3,000	1,400	-	22,300
1993	-	-	7,600	10,900	3,800	-	22,300
1994	-	-	-	-	-	-	0
1995	-	-	2,000	9,000	800	-	11,800
1996	-	-	1,400	4,700	900	-	7,000
1997	-	-	4,500	1,400	-	-	5,800
1998	-	-	-	2,000	200	-	2,100
1999	-	-	2,500	3,400	1,700	-	7,600
2000	-	-	6,700	7,000	-	-	13,700
2001	-	900	12,700	22,000	3,700	-	39,200
2002	-	-	4,400	8,500	1,400	-	14,400
2003	-	100	8,200	19,900	1,600	-	29,800
2004	-	0	2,200	6,400	1,500	-	10,100
2005	-	200	2,000	6,300	1,500	-	10,000
2006	-	-	1,600	3,600	200	-	5,400
<u>Tillamook</u>							
1982	-	1,300	21,800	-	-	-	23,100
1983	-	200	6,100	1,600	900	-	8,800
1984	-	-	9,300	10,600	500	-	20,300
1985	-	-	8,900	21,700	400	-	31,000
1986	0	3,400	15,800	5,100	-	-	24,300
1987	-	600	10,200	4,900	700	-	16,400
1988	100	1,800	8,200	14,200	5,700	-	29,900
1989	<50	3,400	19,700	7,000	100	-	30,100
1990	0	900	8,800	12,400	800	-	22,900
1991	<50	2,500	23,100	-	-	-	25,600
1992	100	1,800	11,300	6,100	1,400	-	20,800
1993	<50	<50	900	1,400	-	-	2,300
1994	-	-	-	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>
1995	-	-	-	-	<50 <sup>c</sup>	-	<50 <sup>c</sup>
1996	-	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>
1997	-	-	<50 <sup>c</sup>	-	<50 <sup>c</sup>	-	<50 <sup>c</sup>
1998	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>
1999	-	-	1,000	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	1,000
2000	-	-	2,000	<50 <sup>c</sup>	<50 <sup>c</sup>	-	2,000
2001	-	3,400	8,800	<50 <sup>c</sup>	100 <sup>c</sup>	<50 <sup>c</sup>	12,300
2002	-	-	4,800	1,100	<50 <sup>c</sup>	<50 <sup>c</sup>	5,900
2003	<50 <sup>c</sup>	1,400	14,000	5,700	<50 <sup>c</sup>	<50 <sup>c</sup>	21,200
2004	-	200	800	<50	<50	-	1,000
2005	-	500	500	<50 <sup>c</sup>	<50 <sup>c</sup>	-	1,000
2006	-	200	1,100	100	<50	-	1,400

Appendix Table 17 (cont.) Oregon ocean recreational coho catch (number of fish) by catch area and month, 1982-2006.

Area <sup>a</sup>	Month						Season <sup>b</sup>
	May	June	July	August	Sept.	Oct.	
<u>Newport</u>							
1982	-	3,600	40,500	-	-	-	44,000
1983	-	600	13,500	4,300	3,500	-	21,800
1984	-	-	24,700	16,400	100	-	41,200
1985	-	-	14,900	45,600	1,400	-	61,800
1986	1,500	7,600	57,400	13,900	-	-	80,400
1987	-	1,300	43,100	14,500	6,300	-	65,300
1988	200	6,400	45,800	42,800	5,600	-	100,800
1989	800	24,200	47,400	29,600	600	-	102,500
1990	200	5,800	37,900	19,000	1,200	-	64,100
1991	100	15,200	65,800	-	-	-	81,100
1992	<50	9,700	34,700	16,900	2,200	-	63,500
1993	<50	<50	9,400	7,000	-	-	16,400
1994	-	-	-	-	-	-	0
1995	-	-	-	-	<50 <sup>c</sup>	-	<50 <sup>c</sup>
1996	-	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	-	<50 <sup>c</sup>
1997	-	-	-	<50 <sup>c</sup>	-	-	<50 <sup>c</sup>
1998	-	-	<50 <sup>c</sup>	-	-	-	<50 <sup>c</sup>
1999	-	-	4,000	-	-	-	4,000
2000	-	-	12,300	<50 <sup>c</sup>	<50 <sup>c</sup>	-	12,300
2001	<50 <sup>c</sup>	7,800	15,600	<50 <sup>c</sup>	<50 <sup>c</sup>	-	23,500
2002	-	-	9,800	900	<50 <sup>c</sup>	<50 <sup>c</sup>	10,800
2003	-	2,700	21,400	14,400	-	-	38,500
2004	-	500	500	<50	<50	-	1,000
2005	-	700	400	<50 <sup>c</sup>	<100 <sup>c</sup>	-	1,100
2006	-	100	3,700	400	400	-	4,600
<u>Coos Bay</u>							
1982	-	12,200	43,400	-	-	-	55,600
1983	-	20,700	28,300	9,200	4,500	-	62,700
1984	-	-	19,600	19,700	100	-	39,400
1985	-	-	30,900	19,700	500	-	51,200
1986	1,100	8,000	48,000	6,100	-	-	63,200
1987	-	1,000	44,600	6,400	2,100	-	54,100
1988	100	10,700	42,200	17,200	1,000	-	71,200
1989	700	22,300	38,500	11,600	<50	-	73,100
1990	<50	12,400	23,500	23,200	3,100	-	62,200
1991	800	23,400	66,500	-	-	-	90,800
1992	500	13,100	43,800	15,800	2,700	-	76,000
1993	100	100	7,600	4,400	-	-	12,200
1994	-	-	-	-	-	-	0
1995	-	-	-	-	-	-	0
1996	-	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	-	<50 <sup>c</sup>
1997	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	-	-	<50 <sup>c</sup>
1998	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	-	-	100 <sup>c</sup>
1999	-	-	1,100	-	-	-	1,100
2000	-	-	5,100	<50 <sup>c</sup>	-	-	5,100
2001	<50 <sup>c</sup>	6,500	12,700	200 <sup>c</sup>	<50 <sup>c</sup>	-	19,300
2002	-	<50 <sup>c</sup>	5,100	100	<50 <sup>c</sup>	-	5,300
2003	-	3,500	15,400	5,200	<50 <sup>c</sup>	-	24,100
2004	-	600	800	<50	<50	-	1,400
2005	-	900	500	<50 <sup>c</sup>	<50 <sup>c</sup>	-	1,400
2006	-	200	3,300	100	<50	-	3,600

Appendix Table 17 (cont.) Oregon ocean recreational coho catch (number of fish) by catch area and month, 1982-2006.

Area <sup>a</sup>	Month						Season <sup>b</sup>
	May	June	July	August	Sept.	Oct.	
<b>Brookings</b>							
1982	<50	1,700	15,200	-	-	-	16,900
1983	500	4,900	8,900	1,600	500	-	16,300
1984	-	-	7,400	4,000	200	-	11,500
1985	<50	-	4,900	2,500	<50	-	7,400
1986	1,500	2,600	5,700	2,100	0	<50	12,000
1987	<50	500	14,000	3,100	1,400	<50	19,000
1988	<50	1,000	12,100	1,800	100	-	15,000
1989	200	4,200	20,300	7,500	800	-	33,000
1990	100	8,400	5,000	1,800	<50	-	15,300
1991	-	10,200	10,600	500	900	-	22,200
1992	-	-	2,800	-	400	-	3,300
1993	100	100	1,900	3,400	500	-	6,000
1994	-	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	-	<50 <sup>c</sup>
1995	-	<50 <sup>c</sup>	-	100 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	100 <sup>c</sup>
1996	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	100 <sup>c</sup>
1997	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	-	100 <sup>c</sup>
1998	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	-	<50 <sup>c</sup>	<50 <sup>c</sup>
1999	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	-	<50 <sup>c</sup>
2000	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	-	-	<50 <sup>c</sup>
2001	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	-	<50 <sup>c</sup>	100 <sup>c</sup>
2002	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	-	100 <sup>c</sup>
2003	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	-	100 <sup>c</sup>
2004	-	100	<50	<50	<50	-	100
2005	-	100	0	<50 <sup>c</sup>	<50 <sup>c</sup>	-	100
2006	<50 <sup>c</sup>	500	100	100	<50	<50 <sup>c</sup>	700
<b>All Areas</b>							
1982	<50	24,100	151,000	-	-	-	175,100
1983	500	30,000	75,600	26,400	14,400	-	146,900
1984	-	-	64,600	57,900	900	-	123,300
1985	<50	700	71,100	108,200	2,300	-	182,400
1986	4,100	23,300	150,100	41,300	-	<50	218,900
1987	<50	4,300	124,400	41,200	10,500	<50	180,500
1988	300	20,000	118,200	76,100	12,300	-	226,900
1989	1,600	55,900	143,400	70,900	1,500	-	273,300
1990	300	31,000	89,800	73,000	6,500	-	200,600
1991	900	53,800	182,400	17,700	4,300	-	259,100
1992	600	24,700	110,600	41,700	8,200	-	185,800
1993	200	200	27,500	27,100	4,300	-	59,300
1994	-	-	-	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>	<50 <sup>c</sup>
1995	-	<50 <sup>c</sup>	2,000	9,100	800	<50 <sup>c</sup>	11,900
1996	-	<50 <sup>c</sup>	1,500	4,700	1,000	<50 <sup>c</sup>	7,200
1997	<50 <sup>c</sup>	<50 <sup>c</sup>	4,500	1,500	<50 <sup>c</sup>	-	6,000
1998	-	<50 <sup>c</sup>	<50 <sup>c</sup>	2,100	200	<50 <sup>c</sup>	2,300
1999	-	<50 <sup>c</sup>	8,500	3,400	1,700	<50 <sup>c</sup>	13,600
2000	-	-	26,100	7,100	<50 <sup>c</sup>	<50 <sup>c</sup>	33,200
2001	<50 <sup>c</sup>	18,500	49,800	22,200	3,700	<50 <sup>c</sup>	94,300
2002	-	100 <sup>c</sup>	24,100	10,700	1,600	<50 <sup>c</sup>	36,500
2003	<50 <sup>c</sup>	7,600	59,100	45,200	1,700	<50 <sup>c</sup>	113,700
2004	-	1,400	4,300	0	1,500	-	7,200
2005	-	2,400	3,400	200	1,500	-	7,500
2006	<50 <sup>c</sup>	1,000	9,800	1,000	600	<50 <sup>c</sup>	12,400

<sup>a</sup> Columbia River area includes Astoria, Warrenton, and Hammond; Tillamook area includes Garibaldi and Pacific City; Newport area includes Depoe Bay includes Depoe Bay includes Depoe Bay and Newport; Coos Bay area includes Florence, Winchester Bay, and Coos Bay; Brookings area includes Gold Beach and Brookings.

<sup>b</sup> Individual monthly catches may not equal season total due to rounding. Season totals for individual catch areas for 1974-1975 data may

not equal the sum of combined months due to some effort/tendings not identified by port of landing. "All Areas" summary includes unidentified data

<sup>c</sup> Illegal coho landings during closed season.

Appendix Table 18. Oregon ocean recreational coho catch, by port and statistical week<sup>a</sup>, 2006 (NS = open for coho, but no sampling).

Stat. Week	Astoria	Garibaldi	Pacific City	Depoe Bay	Newport	Florence	Winchester Bay	Coos Bay	Bandon	Gold Beach	Brookings	Total
21	0	0	-	0	0	-	0	0	-	-	0	0
22	0	0	-	0	0	-	0	0	-	-	2 <sup>b</sup>	2
23	0	0	-	0	0	-	4 <sup>b</sup>	0	-	-	0	4
24	0	0	-	0	0	-	5 <sup>b</sup>	0	-	-	0	5
25	0	5	-	19	34	NS	2	17	0	-	47	124
26	0	12	5	8	25	NS	30	0	38	-	0	118
27	0	122	40	4	11	NS	79	1	8	0	427	692
28	488	378	329	181	58	NS	913	213	0	0	117	2,677
29	136	31	80	197	658	NS	1224	134	8	0	0	2,468
30	391	198	10	265	1391	NS	153	18	19	0	0	2,445
31	601	16	6	115	849	NS	466	93	11	0	0	2,157
32	471	19	4	47	209	NS	57	8	4	0	0	819
33	569	24	0	0	2 <sup>b</sup>	-	0	16 <sup>b</sup>	0	0	0	611
34	740	2	0	0	8 <sup>b</sup>	-	5 <sup>b</sup>	0	0	0	0	755
35	1298	28	0	0	0	-	0	0	0	0	0	1,326
36	412	59	11	56	58	NS	12	7	8	4	67	694
37	213	47	10	91	268	NS	16	3	1	0	10	659
38	3	0	0	0	0	-	0	0	0	0	0	3
39	5	6 <sup>b</sup>	0	0	0	-	0	0	0	0	0	11
40	-	0	0	0	0	-	0	0	0	0	0	0
41	-	0	0	0	0	-	0	0	-	-	5 <sup>b</sup>	5
42	-	0	0	0	0	-	0	0	-	-	2 <sup>b</sup>	2
43	-	0	0	0	0	-	0	0	-	-	0	0
44	-	0	-	0	0	-	0	0	-	-	0	0
<b>Total</b>	<b>5,327</b>	<b>947</b>	<b>495</b>	<b>983</b>	<b>3,571</b>	<b>0</b>	<b>2,966</b>	<b>510</b>	<b>97</b>	<b>4</b>	<b>677</b>	<b>15,577</b>

<sup>a</sup> Refer to Appendix Table 21 for 2006 statistical week calendar.

<sup>b</sup> Illegal landings.

Appendix Table 19. The number of Oregon charter boats active by port<sup>a</sup> and year, 1991 – 2006<sup>b</sup> (NS = No Sampling).

Port	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Astoria	34	30	24	NA	30	25	18	14	14	11	18	17	16	19	18	13
Nehalem						1	1	1	1	0	0	0	0	0	0	0
Garibaldi	17	17	13	15	15	14	13	15	15	13	18	14	10	11	12	11
Pacific City	0	0	0	0	0	0	1	1	1	2	2	2	3	3	5	3
Depoe Bay	23	23	21	20	20	20	22	20	22	25	22	17	17	17	14	14
Newport	30	33	30	33	20	28	20	19	19	21	23	18	16	18	17	18
Florence	2	1	1	1	0	0	0	0	0	0	0	0	NS	0	0	0
Winchester Bay	8	8	6	2	0	0	0	1	2	8	7	6	9	8	9	10
Coos Bay	4	4	4	4	2	5	4	2	2	8	7	6	8	6	4	6
Bandon						2	2	2	2	2	3	2	2	3	3	3
Gold Beach	1	1	1	3	3	0	2	4	2	2	4	NS	4	NS	5	2
Brookings	10	6	4	4	3	4	5	7	8	8	9	7	7	8	7	6
<b>Total</b>	<b>129</b>	<b>123</b>	<b>104</b>	<b>82</b>	<b>93</b>	<b>99</b>	<b>86</b>	<b>86</b>	<b>88</b>	<b>100</b>	<b>111</b>	<b>89</b>	<b>92</b>	<b>93</b>	<b>94</b>	<b>84</b>

<sup>a</sup> Some vessels operated in more than one port and are, therefore, included more than once on the table.

<sup>b</sup> Not all vessels fished for salmon.

Appendix Table 20. Oregon ocean recreational salmon effort and catch by boat type, 1985-2006<sup>a</sup>.

Year	Angler Trips		Chinook Catch		Coho Catch	
	Charter	Private	Charter	Private	Charter	Private
1985	53,400	198,200	9,200	46,600	60,200	122,800
1986	43,700	143,300	4,200	18,700	75,000	143,900
1987	60,900	194,200	14,300	45,100	61,900	118,700
1988	62,500	188,200	7,300	31,000	73,500	153,300
1989	60,200	206,100	4,200	27,900	85,800	187,500
1990	55,300	191,200	5,100	21,500	61,600	139,100
1991	40,300	149,700	1,900	12,500	68,900	190,200
1992	30,000	135,400	2,700	9,900	46,200	139,600
1993	12,700	66,900	900	5,600	15,000	43,100
1994	1,400	25,500	500	5,600	0	0
1995	4,600	31,200	300	6,400	4,000	7,900
1996	5,600	38,300	1,200	10,100	3,000	4,200
1997	3,900	26,200	1,500	6,200	2,400	3,600
1998	1,800	24,000	500	3,500	500	1,800
1999	5,500	44,000	900	6,900	3,400	10,300
2000	9,800	68,800	3,700	21,800	7,500	25,700
2001	18,300	102,300	6,400	20,800	19,300	75,000
2002	15,700	91,800	8,000	39,000	9,000	27,000
2003	23,400	121,000	8,800	31,800	23,700	90,000
2004	21,100	124,600	14,400	41,600	13,000	58,600
2005	9,900	66,100	4,500	23,300	3,100	10,600
1985-2005 avg.	25,700	106,500	4,800	20,800	30,300	73,900
2006	8,000	54,400	1,500	10,100	3,600	12,000

<sup>a</sup> Salmon data from surveyed ports only.

Appendix Table 21. Oregon ocean recreational salmon effort and catch, by boat type and port, 1985-2006.

	SALMON ANGLER TRIPS		CATCH			
	Charter	Private	Chinook		Coho	
			Charter	Private	Charter	Private
<b>Columbia River</b>						
1985	8,328	11,693	1,469	2,098	14,466	16,543
1986	7,717	12,826	660	1,396	16,429	22,634
1987	8,044	9,086	1,935	2,128	13,423	12,224
1988	2,425	3,243	231	250	4,306	5,539
1989	9,126	10,711	524	940	16,863	17,441
1990	8,497	17,024	1,107	2,212	14,140	21,970
1991	8,102	13,552	334	649	15,501	23,862
1992	4,589	8,336	172	336	8,766	13,514
1993	5,840	12,709	336	575	8,590	13,759
1994	NA	NA	-	-	-	-
1995	2,460	7,189	2	107	3,836	7,503
1996	1,723	3,555	3	25	2,872	3,943
1997	1,201	2,102	34	130	2,237	3,244
1998	368	1,646	16	80	479	1,614
1999	1,730	5,676	288	646	2,318	5,224
2000	1,189	7,223	123	643	2,198	11,514
2001	3,777	18,613	364	2,095	6,792	31,143
2002	2,931	8,859	444	2,256	4,220	9,956
2003	3,651	15,339	330	1,979	6,332	23,144
2004	2,926	15,559	392	1,751	4,137	18,314
2005	2,224	10,904	662	2,935	2,386	7,513
<b>1986-2005 avg.</b>	<b>4,342</b>	<b>9,792</b>	<b>471</b>	<b>1,162</b>	<b>7,515</b>	<b>13,530</b>
2006	2,040	5,988	94	400	1,866	3,461
<b>Garibaldi</b>						
1985	4,855	26,824	465	1,710	6,536	17,101
1986	2,856	11,824	110	279	5,245	13,781
1987	5,217	18,986	872	2,205	4,782	7,886
1988	7,065	21,548	604	1,738	9,003	16,181
1989	4,945	21,355	114	564	7,229	16,127
1990	5,470	24,085	209	794	5,979	13,120
1991	2,535	15,269	44	558	4,446	16,316
1992	2,721	17,887	117	1,045	4,089	10,331
1993	476	3,802	18	238	295	925
1994	1,228	9,052	427	1,971	-	29
1995	1,248	3,825	53	486	210	227
1996	1,008	7,633	213	1,377	119	108
1997	376	3,278	51	419	113	219
1998	191	5,875	30	1,097	25	51
1999	243	9,453	24	1,432	30	330
2000	561	9,169	38	1,079	121	431
2001	1,797	11,872	252	2,004	2,428	6,337
2002	1,561	19,679	803	6,294	747	3,182
2003	1,880	20,068	402	3,792	1,739	11,529
2004	2,154	20,919	1,651	4,874	1,386	8,989
2005	831	9,201	185	1,967	168	561
<b>1986-2005 avg.</b>	<b>2,344</b>	<b>13,886</b>	<b>318</b>	<b>1,711</b>	<b>2,735</b>	<b>6,846</b>
2006	566	13,977	129	3,193	111	836



Appendix Table 21 (cont.) Oregon ocean recreational salmon effort and catch, by boat type and port, 1985-2006.

	SALMON ANGLER TRIPS		CATCH			
	Charter	Private	Chinook		Coho	
			Charter	Private	Charter	Private
<u>Pacific City</u>						
1985	477	6,400	36	399	650	6,696
1986	117	3,134	2	85	205	5,048
1987	238	4,610	27	440	328	3,432
1988	196	4,449	11	366	148	4,563
1989	254	4,743	5	187	383	6,584
1990	0	3,941	0	228	0	3,813
1991	0	3,220	0	84	0	4,888
1992	0	5,527	0	341	0	6,338
1993	0	1,293	0	41	0	1,103
1994	0	1	0	0	0	0
1995	0	46	0	3	0	0
1996	0	13	0	0	0	0
1997	0	99	0	11	0	1
1998	0	102	0	10	0	10
1999	34	1,430	2	99	5	652
2000	66	1,784	2	86	51	1,412
2001	79	3,567	2	453	133	4,591
2002	205	3,209	48	1,692	118	2,092
2003	314	5,949	69	1,180	453	7,793
2004	466	5,889	205	2,177	356	3,724
2005	244	2,009	96	536	44	357
1986-2005 avg.	128	2,925	24	401	137	3,005
2006	111	1,469	7	91	29	466
<u>Depoe Bay</u>						
1985	11,918	13,069	691	808	13,155	13,580
1986	10,427	7,156	293	170	18,049	10,839
1987	14,669	11,638	1,394	1,115	14,976	10,697
1988	18,732	13,313	793	582	20,801	14,921
1989	15,592	11,342	310	237	21,255	14,413
1990	14,027	9,228	411	300	14,407	8,630
1991	9,018	6,592	147	82	14,937	10,650
1992	7,448	8,448	573	546	10,937	10,934
1993	2,304	2,297	41	65	2,397	2,781
1994	0	21	2	3	-	-
1995	44	3	4	0	0	0
1996	517	23	104	2	0	0
1997	550	29	105	2	0	0
1998	230	25	65	3	0	4
1999	1,113	1,158	57	74	324	419
2000	2,133	1,720	361	87	1,428	1,743
2001	3,749	3,545	623	137	4,051	4,200
2002	2,863	2,736	1,255	770	1,428	2,225
2003	6,078	6,251	1,303	1,226	5,875	6,852
2004	5,118	7,851	2,837	2,585	2,986	5,785
2005	1,819	2,825	796	841	163	449
1986-2005 avg.	6,112	5,203	579	459	7,358	5,956
2006	1,361	1,618	82	119	374	609

Appendix Table 21 (cont.) Oregon ocean recreational salmon effort and catch, by boat type and port, 1985-2006.

	SALMON ANGLER TRIPS		CATCH			
	Charter	Private	Chinook		Coho	
			Charter	Private	Charter	Private
<b>Newport</b>						
1985	11,216	34,351	669	1,924	12,052	23,100
1986	9,529	25,038	486	1,319	17,020	34,462
1987	13,725	36,917	1,600	2,332	13,250	26,343
1988	15,440	42,152	1,097	2,863	20,367	44,761
1989	12,731	43,098	361	925	18,899	47,914
1990	12,583	35,559	706	1,241	14,201	26,872
1991	10,214	27,431	219	432	17,358	38,122
1992	7,345	29,808	1,119	1,899	10,234	31,441
1993	2,431	10,080	80	250	2,903	8,303
1994	0	65	0	0	-	-
1995	522	374	72	32	0	7
1996	1,620	611	413	35	0	11
1997	1,254	602	1,100	93	0	14
1998	555	455	229	103	0	2
1999	1,178	3,983	53	157	625	2,596
2000	2,712	6,417	573	568	3,202	5,922
2001	5,201	11,225	2,838	1,722	4,374	10,885
2002	4,304	8,229	1,911	2,594	1,844	5,279
2003	7,021	20,288	3,402	6,484	7,182	18,623
2004	5,994	20,051	5,326	7,050	3,090	11,659
2005	1,907	6,830	642	2,414	73	450
1986-2005 avg.	6,071	17,313	1,090	1,640	7,334	16,838
2006	1,620	5,771	108	363	661	2,910
<b>Florence</b>						
1985	396	13,350	57	1,460	365	8,968
1986	625	8,270	89	1,175	1,245	11,470
1987	625	12,927	196	3,166	450	9,794
1988	716	14,357	23	1,431	707	15,485
1989	0	12,176	0	1,755	0	10,744
1990	429	15,358	11	980	314	13,852
1991	468	12,048	24	1,008	615	19,195
1992	595	15,177	6	545	836	21,355
1993	173	3,726	5	173	141	2,173
1994	0	137	0	3	-	-
1995	0	226	0	78	0	0
1996	0	328	0	104	0	0
1997	0	712	0	80	0	2
1998	0	349	0	44	0	0
1999	0	1,279	0	136	0	250
2000	0	1,888	0	250	0	472
2001	0	1,272	0	109	0	1,013
2002	0	690	0	120	0	238
2003	NA	NA	-	-	-	-
2004	-	3,423	-	1,111	-	1,457
2005	-	1,067	-	254	-	16
1986-2005 avg.	224	5,938	23	699	275	6,131
2006	NA	NA	-	-	-	-

Appendix Table 21 (cont.) Oregon ocean recreational salmon effort and catch, by boat type and port, 1985-2006.

	SALMON ANGLER TRIPS		CATCH			
	Charter	Private	Chinook		Coho	
			Charter	Private	Charter	Private
<u>Winchester Bay</u>						
1985	8,691	25,708	2,249	3,802	8,960	20,571
1986	6,888	16,192	839	1,564	11,926	22,463
1987	10,169	22,087	4,777	6,906	9,518	18,817
1988	11,399	26,882	1,807	3,397	12,781	27,287
1989	9,582	26,219	712	2,659	12,696	29,734
1990	9,113	26,374	1,234	2,634	9,012	27,048
1991	5,553	23,400	380	2,054	9,964	36,714
1992	5,027	21,282	403	1,653	8,295	28,889
1993	1,145	5,483	134	357	1,022	4,277
1994	6	171	1	14	-	-
1995	-	-	-	-	-	-
1996	0	2,165	0	448	0	11
1997	0	2,470	0	457	0	11
1998	165	1,286	74	299	0	50
1999	472	3,962	119	868	22	396
2000	1,333	11,135	659	3,773	375	2,507
2001	1,510	16,985	736	5,411	702	10,825
2002	2,228	18,117	1,782	9,389	387	2,857
2003	2,629	26,462	2,154	8,728	1,553	16,517
2004	2,584	22,637	2,999	10,840	652	5,201
2005	1,985	13,419	1,677	5,600	166	684
1986-2005 avg.	4,311	14,701	936	2,687	5,354	14,529
2006	1,610	10,421	893	3,083	423	2,543
<u>Coos Bay</u>						
1985	3,376	11,980	569	1,319	3,424	8,874
1986	2,129	9,501	469	1,921	3,729	12,408
1987	3,607	13,112	969	2,954	3,521	12,049
1988	3,446	12,213	488	934	4,130	10,860
1989	3,553	15,082	212	1,343	4,691	15,249
1990	2,689	11,066	269	1,479	2,294	9,675
1991	2,374	13,839	102	1,488	4,139	20,153
1992	1,768	11,709	161	995	2,897	13,693
1993	454	4,341	108	307	568	4,010
1994	0	53	0	0	-	-
1995	14	477	6	159	0	0
1996	132	1,292	40	249	0	6
1997	0	750	2	115	0	4
1998	0	495	20	38	0	0
1999	36	1,768	16	237	12	361
2000	309	7,684	286	3,792	47	1,594
2001	545	9,055	227	1,663	428	5,565
2002	435	10,366	383	6,128	156	1,577
2003	583	11,263	205	2,759	254	5,034
2004	660	9,737	468	4,635	126	2,167
2005	187	7,141	58	3,019	36	455
1986-2005 avg.	1,252	7,758	241	1,692	1,523	6,187
2006	104	4,536	30	1,096	4	506

Appendix Table 21 (cont.) Oregon ocean recreational salmon effort and catch, by boat type and port, 1985-2006.

	SALMON ANGLER TRIPS		CATCH			
	Charter	Private	Chinook		Coho	
			Charter	Private	Charter	Private
<b><u>Bandon</u></b>						
1985	NA	NA	-	-	-	-
1986	NA	NA	-	-	-	-
1987	NA	NA	-	-	-	-
1988	NA	NA	-	-	-	-
1989	NA	NA	-	-	-	-
1990	NA	NA	-	-	-	-
1991	NA	NA	-	-	-	-
1992	NA	NA	-	-	-	-
1993	NA	NA	-	-	-	-
1994	NA	NA	-	-	-	-
1995	NA	NA	-	-	-	-
1996	NA	NA	-	-	-	-
1997	NA	NA	-	-	-	-
1998	NA	NA	-	-	-	-
1999	0	82	57	6	6	11
2000	703	492	1,023	305	72	32
2001	909	788	1,036	341	418	385
2002	890	708	1,135	542	88	35
2003	787	1,121	752	441	316	411
2004	562	863	405	290	224	307
2005	383	459	320	243	41	37
<b>1986-2005 avg.</b>	<b>605</b>	<b>645</b>	<b>675</b>	<b>310</b>	<b>166</b>	<b>174</b>
2006	278	219	85	23	84	13
<b><u>Port Orford</u></b>						
1985	NA	NA	-	-	-	-
1986	NA	NA	-	-	-	-
1987	NA	NA	-	-	-	-
1988	NA	NA	-	-	-	-
1989	NA	NA	-	-	-	-
1990	NA	NA	-	-	-	-
1991	NA	NA	-	-	-	-
1992	NA	NA	-	-	-	-
1993	NA	NA	-	-	-	-
1994	NA	NA	-	-	-	-
1995	NA	NA	-	-	-	-
1996	NA	NA	-	-	-	-
1997	NA	NA	-	-	-	-
1998	NA	NA	-	-	-	-
1999	0	39	0	4	0	8
2000	0	56	0	0	0	0
2001	0	24	0	2	0	0
2002	NA	NA	-	-	-	-
2003	0	3	0	0	0	1
2004	NA	NA	-	-	-	-
2005	NA	NA	-	-	-	-
<b>1986-2005 avg.</b>	<b>0</b>	<b>31</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>
2006	NA	NA	-	-	-	-

Appendix Table 21 (cont.) Oregon ocean recreational salmon effort and catch, by boat type and port, 1985-2006.

	SALMON ANGLER TRIPS		CATCH			
	Charter	Private	Chinook		Coho	
			Charter	Private	Charter	Private
<u>Gold Beach</u>						
1985	1,755	4,786	723	1,857	168	539
1986	1,365	3,016	363	812	255	590
1987	1,399	2,709	394	992	446	1,176
1988	377	466	38	69	110	92
1989	NA	NA	-	-	-	-
1990	NA	NA	-	-	-	-
1991	NA	NA	-	-	-	-
1992	NA	NA	-	-	-	-
1993	NA	NA	-	-	-	-
1994	NA	NA	-	-	-	-
1995	NA	NA	-	-	-	-
1996	NA	NA	-	-	-	-
1997	NA	NA	-	-	-	-
1998	0	253	0	8	0	0
1999	0	313	0	51	0	0
2000	0	462	0	71	0	0
2001	0	178	0	10	0	0
2002	NA	NA	-	-	-	-
2003	49	156	10	49	0	2
2004	NA	NA	-	-	-	-
2005	NA	NA	-	-	-	-
1986-2005 avg.	549	1,371	170	435	109	267
2006	6	68	0	2	0	4
<u>Brookings</u>						
1985	2,417	49,993	2,296	31,266	318	6,847
1986	2,004	46,304	847	9,938	864	10,221
1987	3,210	62,099	2,180	22,838	1,171	16,251
1988	2,660	49,572	2,252	19,353	1,178	13,653
1989	4,415	61,336	1,918	19,277	3,796	29,253
1990	2,500	48,612	1,126	11,607	1,236	14,083
1991	2,080	34,367	663	6,148	1,897	20,329
1992	468	17,182	151	2,511	184	3,112
1993	626	23,165	211	3,556	300	5,734
1994	193	15,965	63	3,553	-	17
1995	321	19,101	187	5,544	0	130
1996	631	22,711	378	7,819	0	106
1997	471	15,973	218	4,869	0	127
1998	269	13,464	66	1,839	0	37
1999	664	14,807	236	3,160	2	44
2000	808	20,735	590	11,154	0	61
2001	698	25,225	321	6,877	0	69
2002	332	19,390	183	9,751	0	108
2003	451	14,091	219	5,170	0	49
2004	619	17,690	338	6,499	108	1,167
2005	268	12,210	99	5,607	3	107
1986-2005 avg.	1,243	28,762	692	9,445	553	5,786
2006	258	10,302	29	1,761	13	664

Appendix Table 21 (cont.) Oregon ocean recreational salmon effort and catch, by boat type and port, 1985-2006.

	SALMON ANGLER TRIPS		CATCH			
	Charter	Private	Chinook		Coho	
			Charter	Private	Charter	Private
<u>S. of Falcon</u>						
1985	45,101	186,461	7,755	44,545	45,701	106,276
1986	35,940	130,488	3,509	17,264	58,544	121,300
1987	52,859	185,085	12,409	42,948	48,442	106,445
1988	60,031	184,952	7,113	30,733	69,225	147,803
1989	51,072	195,351	3,632	26,947	68,949	170,018
1990	46,811	174,223	3,966	19,263	47,443	117,093
1991	32,242	136,166	1,579	11,854	53,356	166,367
1992	25,372	127,020	2,530	9,535	37,472	126,093
1993	7,609	54,187	597	4,987	7,626	29,306
1994	1,427	25,470	493	5,544	0	46
1995	2,149	24,052	322	6,302	210	364
1996	3,683	34,645	1,148	10,034	0	141
1997	2,548	23,913	1,466	6,037	0	165
1998	1,363	22,283	479	3,441	0	268
1999	3,740	38,260	562	6,224	2,070	10,118
2000	8,603	61,533	3,535	21,163	10,582	28,338
2001	14,000	83,373	5,953	18,644	11,758	43,401
2002	12,818	83,124	7,500	37,280	4,768	17,593
2003	19,792	105,652	8,516	29,829	17,372	66,811
2004	18,157	109,060	14,229	40,061	8,928	40,456
2005	7,624	55,161	3,873	20,481	694	3,116
1986-2005 avg.	21,569	97,165	4,341	19,672	23,483	61,977
2006	5,914	48,381	1,363	9,731	1,699	8,551
<u>Grand Total</u>						
1985	53,429	198,154	9,224	46,643	60,167	122,819
1986	43,657	143,314	4,169	18,660	74,973	143,934
1987	60,903	194,171	14,344	45,076	61,865	118,669
1988	62,456	188,195	7,344	30,983	73,531	153,342
1989	60,198	206,062	4,156	27,887	85,812	187,459
1990	55,308	191,247	5,073	21,475	61,583	139,063
1991	40,344	149,718	1,913	12,503	68,857	190,229
1992	29,961	135,356	2,702	9,871	46,238	139,607
1993	13,449	66,896	933	5,562	16,216	43,065
1994	1,427	25,470	493	5,544	0	46
1995	4,609	31,241	324	6,409	4,046	7,867
1996	5,631	38,331	1,151	10,059	3,015	4,185
1997	3,852	26,211	1,510	6,176	2,350	3,622
1998	1,778	23,950	500	3,521	504	1,768
1999	5,470	43,950	852	6,870	3,353	10,291
2000	9,814	68,765	3,658	21,808	7,494	25,688
2001	18,265	102,349	6,399	20,824	19,326	75,013
2002	14,007	90,347	7,623	37,923	6,966	29,107
2003	23,443	120,991	8,846	31,808	23,704	89,955
2004	21,083	124,619	14,621	41,812	13,065	58,770
2005	9,848	66,065	4,535	23,416	3,080	10,629
1986-2005 avg.	25,663	106,448	4,780	20,706	30,293	74,054
2006	7,954	54,369	1,457	10,131	3,565	12,012

Appendix Table 22. Chinook and coho salmon released by Oregon ocean recreational anglers by port, 1987-2006.

Astoria:		Number Retained		Number Released		Percent Released	
Year	Chinook	Coho	Chinook	Coho	Chinook	Coho	
1987	4,063	25,647	2,500	2,162	38%	8%	
1988	481	9,845	289	481	38%	5%	
1989	1,464	34,304	524	1,778	26%	5%	
1990	3,319	36,110	3,099	2,110	48%	6%	
1991	983	39,363	1,115	2,412	53%	6%	
1992	508	22,280	445	2,952	47%	12%	
1993	836	21,176	209	788	20%	4%	
1995	109	11,339	3,572	4,717	97%	29%	
1996	28	8,815	966	766	97%	10%	
1997	184	5,481	287	1,182	62%	18%	
1998	96	2,093	56	3,260	37%	61%	
1999	934	7,542	570	4,302	38%	36%	
2000	766	13,712	472	5,369	38%	28%	
2001	2,459	37,935	3,801	26,861	61%	41%	
2002	2,700	14,176	9,935	15,901	79%	53%	
2003	2,309	29,476	2,725	34,199	54%	54%	
2004	2,143	22,451	9,007	33,869	81%	60%	
2005	3,597	9,899	1,382	9,330	28%	49%	
2006	494	5,327	392	3,880	44%	42%	

Garibaldi:		Number Retained		Number Released		Percent Released	
Year	Chinook	Coho	Chinook	Coho	Chinook	Coho	
1987	3,077	12,668	0	5	0%	0%	
1988	2,342	25,184	123	333	5%	1%	
1989	678	23,356	0	87	0%	0%	
1990	1,003	19,099	18	85	2%	0%	
1991	802	20,762	14	49	2%	0%	
1992	1,162	14,420	4	185	0%	1%	
1993	256	1,220	6	56	2%	4%	
1994	2,398	29	25	382	1%	93%	
1995	539	437	331	148	38%	25%	
1996	1,590	227	43	169	3%	43%	
1997	470	332	72	171	13%	34%	
1998	1,127	76	37	585	3%	88%	
1999	1,458	369	42	540	3%	59%	
2000	1,117	552	80	943	7%	63%	
2001	2,256	8,785	234	8,787	9%	50%	
2002	7,097	3,929	1,193	9,908	14%	72%	
2003	4,194	13,288	517	19,578	11%	60%	
2004	6,525	10,375	3,466	16,805	35%	62%	
2005	2,152	729	154	1,399	7%	66%	
2006	3,322	947	93	1,269	3%	57%	

Pacific City:		Number Retained		Number Released		Percent Released	
Year	Chinook	Coho	Chinook	Coho	Chinook	Coho	
1987	467	3,760	0	0	0%	0%	
1988	377	4,711	3	35	1%	1%	
1989	192	6,867	5	231	3%	3%	
1990	228	3,813	8	18	3%	0%	
1991	84	4,888	2	7	2%	0%	
1992	341	6,338	3	17	1%	0%	
1993	41	1,103	12	32	23%	3%	
1994	0	0	1	79	100%	100%	
1995	3	0	4	4	57%	100%	
1996	0	0	0	0	0%	0%	
1997	11	1 <sup>a</sup>	0	1	0%	50%	
1998	10	10 <sup>a</sup>	9	46	47%	82%	
1999	101	657	30	447	23%	40%	
2000	88	1,463	8	657	8%	31%	
2001	455	4,724	25	4,295	5%	48%	
2002	1,740	2,210	160	3,124	8%	59%	
2003	1,249	8,246	8	9,377	1%	53%	
2004	2,382	4,080	2,370	5,207	50%	56%	
2005	632	401	17	392	3%	49%	
2006	98	495	12	514	11%	51%	

Appendix Table 22 (cont.) Chinook and coho salmon released by Oregon ocean recreational anglers by port, 1987-2006.

Depoe Bay:	Year	Number Retained		Number Released		Percent Released	
		Chinook	Coho	Chinook	Coho	Chinook	Coho
	1987	2,509	25,673	0	0	0%	0%
	1988	1,375	35,722	45	747	3%	2%
	1989	547	35,668	20	363	4%	1%
	1990	711	23,037	93	581	12%	2%
	1991	229	25,587	0	44	0%	0%
	1992	1,119	21,871	18	427	2%	2%
	1993	106	5,178	14	177	12%	3%
	1994	5	0	16	160	76%	100%
	1995	4	0	0	0	0%	0%
	1996	106	0	31	107	23%	100%
	1997	107	0	41	196	28%	100%
	1998	68	4*	27	174	28%	98%
	1999	131	743	30	441	19%	37%
	2000	448	3,171	46	1,593	9%	33%
	2001	760	8,251	43	6,438	5%	44%
	2002	2,025	3,653	145	4,264	7%	54%
	2003	2,529	12,727	109	17,347	4%	58%
	2004	5,422	8,771	3,417	14,062	39%	62%
	2005	1,637	612	199	933	11%	60%
	2006	201	983	7	897	3%	48%

Newport:	Year	Number Retained		Number Released		Percent Released	
		Chinook	Coho	Chinook	Coho	Chinook	Coho
	1987	3,932	39,593	0	0	0%	0%
	1988	3,960	65,128	152	1,886	4%	3%
	1989	1,286	66,813	57	684	4%	1%
	1990	1,947	41,073	177	911	8%	2%
	1991	651	55,480	46	803	7%	1%
	1992	3,018	41,675	164	1,581	5%	4%
	1993	330	11,206	126	971	28%	8%
	1994	0	0	34	112	100%	100%
	1995	104	7 <sup>a</sup>	110	48	51%	87%
	1996	448	11 <sup>a</sup>	63	943	12%	99%
	1997	1,193	14 <sup>a</sup>	388	442	25%	97%
	1998	332	2 <sup>a</sup>	80	196	19%	99%
	1999	210	3,221	71	1,706	25%	87%
	2000	1,141	9,124	220	5,726	16%	39%
	2001	4,560	15,259	392	10,526	8%	41%
	2002	4,505	7,123	370	7,462	8%	51%
	2003	9,886	25,805	973	29,950	9%	54%
	2004	12,376	14,749	6,566	24,991	35%	63%
	2005	3,056	523	719	3,191	19%	86%
	2006	471	3,571	364	2,848	44%	44%

Florence:	Year	Number Retained		Number Released		Percent Released	
		Chinook	Coho	Chinook	Coho	Chinook	Coho
	1987	3,362	10,244	0	0	0%	0%
	1988	1,454	16,192	61	784	4%	5%
	1989	1,755	10,744	18	280	1%	3%
	1990	991	14,166	119	706	11%	5%
	1991	1,032	19,810	38	607	4%	3%
	1992	551	22,191	731	2,386	57%	10%
	1993	178	2,314	12	85	6%	4%
	1994	3	0	0	0	0%	0%
	1995	78	0	0	12	0%	100%
	1996	104	0	4	108	4%	100%
	1997	80	2 <sup>a</sup>	13	37	14%	95%
	1998	44	0	22	114	33%	95%
	1999	136	250	4	258	3%	51%
	2000	250	472	15	556	6%	54%
	2001	109	1,013	3	797	3%	44%
	2002	120	238	0	121	0%	34%
	2003	NA	NA	NA	NA	-	-
	2004	1,111	1,457	863	2,335	44%	62%
	2005	254	16	9	35	3%	69%
	2006	NA	NA	NA	NA	-	-

<sup>a</sup> Illegal landings



Appendix Table 22 (cont.) Chinook and coho salmon released by Oregon ocean recreational anglers by port, 1987-2006.

Winchester Bay:		Number Retained		Number Released		Percent Released	
Year	Chinook	Coho	Chinook	Coho	Chinook	Coho	
1987	11,683	28,335	2	27	0%	0%	
1988	5,204	40,068	1,100	1,232	17%	3%	
1989	3,371	42,430	625	1,485	16%	3%	
1990	3,868	36,060	1,665	3,753	30%	9%	
1991	2,434	46,678	326	1,907	12%	4%	
1992	2,056	37,184	1,515	2,266	42%	6%	
1993	491	5,299	39	83	7%	2%	
1994	15	0	2	3	12%	100%	
1996	448	11 <sup>a</sup>	55	251	11%	96%	
1997	457	11 <sup>a</sup>	469	592	51%	98%	
1998	373	50 <sup>a</sup>	131	1,125	26%	96%	
1999	987	418	42	620	4%	60%	
2000	4,432	2,882	315	3,221	7%	53%	
2001	6,147	11,527	1,246	18,218	17%	61%	
2002	11,171	3,244	1,684	11,040	13%	77%	
2003	10,882	18,070	4,484	31,332	29%	63%	
2004	13,839	5,853	13,521	13,495	49%	70%	
2005	7,277	850	1,357	1,484	16%	64%	
2006	3,976	2,966	655	4,322	14%	59%	

Coos Bay:		Number Retained		Number Released		Percent Released	
Year	Chinook	Coho	Chinook	Coho	Chinook	Coho	
1987	3,923	15,570	0	0	0%	0%	
1988	1,422	14,990	181	182	11%	1%	
1989	1,555	19,940	98	491	6%	2%	
1990	1,748	11,969	125	322	7%	3%	
1991	1,590	24,292	145	668	8%	3%	
1992	1,156	16,590	906	2,491	44%	13%	
1993	415	4,578	26	113	6%	2%	
1994	0	0	16	71	100%	100%	
1995	165	0	84	54	34%	100%	
1996	289	6 <sup>a</sup>	59	144	17%	96%	
1997	117	4 <sup>a</sup>	80	126	41%	97%	
1998	58	0	32	56	36%	100%	
1999	253	373	15	350	6%	48%	
2000	4,078	1,641	222	2,287	5%	58%	
2001	1,890	5,993	230	7,449	11%	55%	
2002	6,511	1,733	651	5,470	9%	76%	
2003	2,964	5,288	923	7,819	24%	60%	
2004	5,103	2,293	4,303	5,229	46%	70%	
2005	3,077	491	1,082	520	26%	51%	
2006	1,126	510	136	863	11%	63%	

Bandon:		Number Retained		Number Released		Percent Released	
Year	Chinook	Coho	Chinook	Coho	Chinook	Coho	
1987	NA	NA	NA	NA	-	-	
1988	NA	NA	NA	NA	-	-	
1989	NA	NA	NA	NA	-	-	
1990	NA	NA	NA	NA	-	-	
1991	NA	NA	NA	NA	-	-	
1992	NA	NA	NA	NA	-	-	
1993	NA	NA	NA	NA	-	-	
1994	NA	NA	NA	NA	-	-	
1995	NA	NA	NA	NA	-	-	
1996	NA	NA	NA	NA	-	-	
1997	NA	NA	NA	NA	-	-	
1998	NA	NA	NA	NA	-	-	
1999	63	17	0	7	0%	29%	
2000	1,328	104	74	335	5%	76%	
2001	1,377	803	69	1,450	5%	64%	
2002	1,677	123	71	841	4%	87%	
2003	1,193	727	186	1,349	13%	65%	
2004	695	531	679	1,009	49%	66%	
2005	563	78	144	145	20%	65%	
2006	108	97	21	162	16%	63%	

<sup>a</sup> Illegal landings

Appendix Table 22 (cont.) Chinook and coho salmon released by Oregon ocean recreational anglers by port, 1987-2006.

Port Orford:	Year	Number Retained		Number Released		Percent Released	
		Chinook	Coho	Chinook	Coho	Chinook	Coho
	1987	NA	NA	NA	NA	-	-
	1988	NA	NA	NA	NA	-	-
	1989	NA	NA	NA	NA	-	-
	1990	NA	NA	NA	NA	-	-
	1991	NA	NA	NA	NA	-	-
	1992	NA	NA	NA	NA	-	-
	1993	NA	NA	NA	NA	-	-
	1994	NA	NA	NA	NA	-	-
	1995	NA	NA	NA	NA	-	-
	1996	NA	NA	NA	NA	-	-
	1997	NA	NA	NA	NA	-	-
	1998	NA	NA	NA	NA	-	-
	1999	4	8	0	0	0%	0%
	2000	0	0	0	0	0%	0%
	2001	2	0	0	0	0%	0%
	2002	NA	NA	NA	NA	-	-
	2003	0	1	0	0	0%	0%
	2004	NA	NA	NA	NA	-	-
	2005	NA	NA	NA	NA	-	-
	2006	NA	NA	NA	NA	-	-

Gold Beach:	Year	Number Retained		Number Released		Percent Released	
		Chinook	Coho	Chinook	Coho	Chinook	Coho
	1987	1,386	1,622	109	126	7%	7%
	1988	107	202	1	4	1%	2%
	1989	NA	NA	NA	NA	-	-
	1990	NA	NA	NA	NA	-	-
	1991	NA	NA	NA	NA	-	-
	1992	NA	NA	NA	NA	-	-
	1993	NA	NA	NA	NA	-	-
	1994	NA	NA	NA	NA	-	-
	1995	NA	NA	NA	NA	-	-
	1996	NA	NA	NA	NA	-	-
	1997	NA	NA	NA	NA	-	-
	1998	8	0	7	0	47%	0%
	1999	51	0	6	3	11%	100%
	2000	74	0	2	16	3%	100%
	2001	10	0	0	0	0%	0%
	2002	NA	NA	NA	NA	-	-
	2003	59	2	0	29	0%	94%
	2004	NA	NA	NA	NA	-	-
	2005	1	0	3	0	75%	0%
	2006	2	4	0	1	0%	20%

Brookings:	Year	Number Retained		Number Released		Percent Released	
		Chinook	Coho	Chinook	Coho	Chinook	Coho
	1987	25,018	17,422	7,552	2,759	23%	14%
	1988	21,605	14,831	917	420	4%	3%
	1989	21,195	33,049	229	2,612	1%	7%
	1990	12,733	15,319	1,128	1,508	8%	9%
	1991	6,811	22,226	698	1,740	9%	7%
	1992	2,662	3,296	908	1,531	25%	32%
	1993	3,767	6,034	295	408	7%	6%
	1994	3,616	17	157	442	4%	96%
	1995	5,731	130 <sup>a</sup>	363	942	6%	88%
	1996	8,197	106 <sup>a</sup>	1,893	2,303	19%	96%
	1997	5,087	127 <sup>a</sup>	4,690	3,236	48%	96%
	1998	1,905	37 <sup>a</sup>	1,055	771	36%	95%
	1999	3,396	46 <sup>a</sup>	568	2,414	14%	98%
	2000	11,744	61 <sup>a</sup>	1,241	662	10%	92%
	2001	7,196	69 <sup>a</sup>	828	2,602	10%	97%
	2002	9,934	108 <sup>a</sup>	2,091	3,295	17%	97%
	2003	5,369	49 <sup>a</sup>	1,985	5,309	27%	99%
	2004	6,837	1,275	5,939	8,443	46%	87%
	2005	5,706	110	2,267	1,225	26%	92%
	2006	1,790	677	690	1,588	28%	70%

<sup>a</sup> Illegal landings

Appendix Table 22 (cont.) Chinook and coho salmon released by Oregon ocean recreational anglers by port, 1987-2006.

Statewide totals: Year	Number Retained		Number Released		Percent Released	
	Chinook	Coho	Chinook	Coho	Chinook	Coho
1987	59,420	180,534	10,163	5,079	15%	3%
1988	38,327	226,873	2,872	6,104	7%	3%
1989	32,043	273,271	1,576	8,021	5%	3%
1990	26,548	200,646	6,430	9,994	19%	5%
1991	14,416	259,086	2,384	8,237	14%	3%
1992	12,573	185,845	4,694	13,836	27%	7%
1993	6,420	58,108	739	2,711	10%	4%
1994	6,037	46	251	1,249	4%	96%
1995	6,733	11,913	4,464	5,925	40%	33%
1996	11,210	7,176	3,114	4,791	22%	40%
1997	7,686	5,972	6,020	5,983	44%	50%
1998	4,021	2,272	1,456	6,307	27%	74%
1999	7,722	13,644	1,378	11,088	15%	45%
2000	25,466	33,182	2,693	21,365	10%	39%
2001	27,223	94,339	6,871	87,403	20%	48%
2002	47,480	36,537	16,300	61,426	26%	63%
2003	40,654	113,659	11,910	156,289	23%	58%
2004	56,433	71,835	50,131	125,445	47%	64%
2005	27,952	13,709	7,333	18,654	21%	58%
2006	11,588	15,577	2,370	16,344	17%	51%

<sup>a</sup> Illegal landings