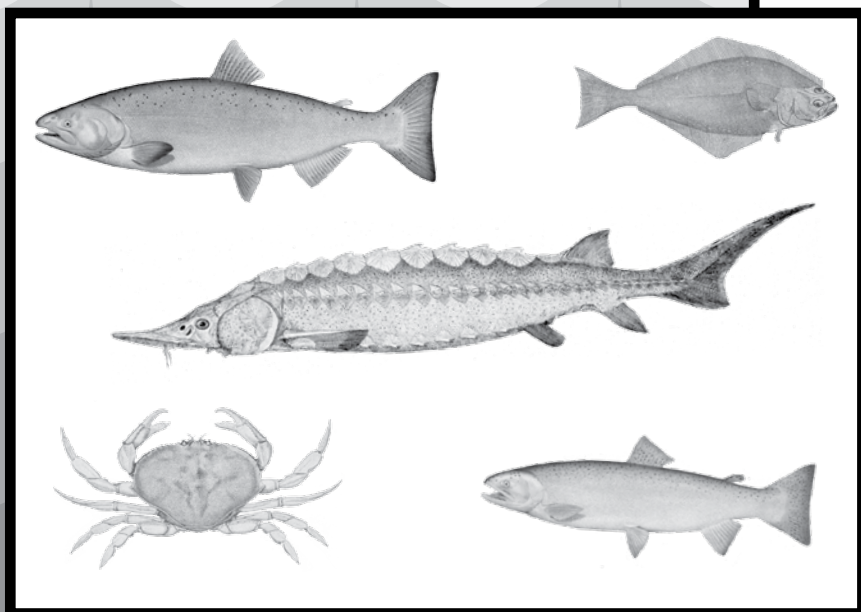


Washington State Sport Catch Report 2009



by Eric Kraig



*Washington Department of
FISH AND WILDLIFE
Fish Program
Science Division*

WASHINGTON STATE SPORT CATCH REPORT 2009

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INTRODUCTION

The Washington State Sport Catch Report was first published in 1967. The report originally provided salmon catch estimates, which were and still are based on data from catch record cards (punch cards). In 1975, marine fish sport harvest estimates were added to the report, followed by shellfish estimates in 1976. Marine fish and intertidal shellfish sport harvest estimates are based on field and creel surveys. In 1994, with the merger of the departments of Fisheries and Wildlife, steelhead sport harvest estimates were added to the report. Now, catch record card data are collected for salmon, sturgeon, steelhead, Dungeness crab and halibut. The card data is supplemented with field or creel survey data or telephone surveys where available to improve recreational harvest estimate accuracy. The sport harvest estimates for salmon, steelhead, sturgeon, marine fish and shellfish are produced at varying times of each year. For this reason, coupled with an increase in the number of catch record cards issued, budget, and staffing constraints, the 2009 edition of the Washington State Sport Catch Report is being published in January 2013.

The 2009 sport estimates reflect harvest from April 1, 2009, through March 31, 2010. Historically, salmon, sturgeon, halibut, marine fish and shellfish estimates were made on a calendar year basis from January 1 through December 31. Steelhead estimates were summarized from May 1 through the next April 30 to better capture the results of steelhead “run years”. Effective January 1, 1999, the sport license system adopted an April 1 to March 31 license year for all species. To adjust to the new reporting time frames, the 1999 sport report included 15 months of salmon and sturgeon catch and 11 months of steelhead catch (May 1, 1999 – March 31, 2000). When comparing past years’ sport harvest estimate tables, please note the changes in the license structure and reporting year as described above.

SPORT LICENSES AND CATCH RECORD CARDS

In 2009, the following licenses and catch record cards were required to fish in Washington:

- A saltwater license was required for resident and non resident anglers 16 years of age and over. This license allowed the holder to fish for finfish species in saltwater. This license was available in resident annual, resident senior (ages 70 and over), and non-resident annual. In addition, a free catch record card was required for all anglers of all ages to fish for salmon, steelhead, for halibut in Puget Sound and the Strait of Juan de Fuca, and for sturgeon in the Columbia River, Grays Harbor, Willapa Bay and all tributaries of these three systems.
- A freshwater license was required for resident anglers 16 years of age and over, to fish for finfish species existing in freshwater. This license was available in resident annual, resident senior (ages 70 and over), and non-resident annual. A free catch record card was also required for anglers of all ages to fish for salmon, steelhead and for sturgeon in Columbia River, Grays Harbor, Willapa Bay and all tributaries of these three systems.
- A shellfish/seaweed license was required for resident and non-resident fishers 15 years of age and older. This license allowed the holder to fish for crab, gooseneck barnacles, mussels, octopus, scallops, oysters, razor clams, sea cucumbers, clams, squid and seaweed. A free catch record card was required for crabbers of all ages to fish for Dungeness crab, in Puget Sound.
- A combination license was available for annual and two-day resident fishers and non-resident fishers 15 years of age and older to fish for all legal species in all water of the state.

Catch record cards were significantly changed beginning in 2000. Previously, separate cards were issued for each species group: salmon, sturgeon, steelhead, or halibut. In 2000, these four species groups plus Dungeness crab were combined onto one card record document. A catch record card was issued at no charge to anyone wishing to fish for any of these groups.

In 2001 WDFW implemented the Washington Interactive Licensing Data (WILD) system to electronically capture recreational license issuance information at the point of sale. The catch record card remained the same paper document distributed by sport license vendors, but demographic data about persons receiving the cards became available almost immediately.

Table 1 lists license sales from April 1, 2009, to March 31, 2010, based on a direct count of sales. Tables 2, 3, and 4 list the estimated number of salmon, sturgeon and steelhead catch record cards issued. Note that the number of catch record cards issued shown in these tables are estimated from the catch record card databases, and are not directly comparable to the license sales number. These numbers cannot be compared because anglers under 15 and over 70 are required to obtain a catch record card but not a license. Also, not all dealers returned their catch record card issuance stubs, nor did all anglers return their catch record cards, therefore, correction factors were applied.

METHODS

Sport harvest estimates are made in Washington State using various methods. These include catch record cards for salmon, steelhead, and sturgeon statewide, and for halibut in Puget Sound and the Strait of Juan de Fuca. Estimates from catch record cards are available six months to one year after the end of the season. Creel, telephone interviews and mail surveys are carried out for salmon, sturgeon, steelhead, halibut, and shellfish in areas where management requires more timely estimates. Creel surveys consist of checking anglers who are exiting the fishery and asking specific questions about catch and effort. The creel survey estimates for some species and areas are substituted for catch record card estimates (this is noted in the tables). Dungeness crab estimates are based on creel and phone estimates.

The sport catch record card is used to produce the annual sport harvest estimates for salmon, steelhead, sturgeon, and halibut. Anglers holding in-sample cards are sent reminders to return their CRC's. Harvest summed from returned in-sample cards is expanded to account for the un-sampled cards (75%) and unreturned cards. A bias adjustment factor is applied in some areas and species to account for successful anglers returning cards at a higher rate than unsuccessful anglers. Creel survey data are substituted for CRC data when available. The preliminary sport harvest estimates are sent to WDFW and Tribal biologists statewide for review. After review comments are compiled and investigated, final sport harvest estimates are prepared and distributed.

The methods used produce estimates of sport harvest, which have some level of uncertainty. This uncertainty, or variance, is estimated and expressed with confidence levels, which are not provided in this report. These variance estimates are available upon request.

OCEAN CATCH DATA

Sport catch data from coastal areas 1 – 4 were reported using “port sampling” (creel survey) catch estimates. Such estimates were derived by monitoring daily landings at four coastal ports: Ilwaco, Westport, La Push, and Neah Bay. Catch is reported in the area where the fish was caught and not the area where it was landed.

STATISTICAL MONTHS AND STATISTICAL WEEKS

Some catch data (i.e. salmon and bottomfish) are reported using statistical months or statistical weeks. Statistical weeks (defined as Monday-Sunday) are consecutively numbered weeks beginning on January 1 and continuing through week 53 or 54, ending on December 31. The first and last weeks of any year usually contain less than 7 days. Statistical months are made up of a set number of statistical weeks, which approximate calendar months but do not coincide with calendar month start and end dates. For example, in 2009, the statistical month of January begins January 1 and ends February 1 and the statistical month of February starts on February 2 and ends March 24. Due to the differences between calendar and statistical months, some catch may be reported during what appears to be a closed period.

SALMON

Annual sport salmon catch estimates for 1971 through 2009 are shown in Table 4. Between April 1, 2009, and March 31, 2010 a total of 486,823 salmon were caught in marine areas, and 571,230 salmon were caught in freshwater. The marine totals by species, as shown in Table 5, are: 45,965 chinook; 222,200 coho; 1,971 chum; 216,083 pink; 79 sockeye; and 525 jacks (all species combined). Freshwater species breakdowns are: 78,158 chinook; 126,954 coho; 10,989 chum; 341,576 pink; 7,695 sockeye; 22,743 jacks (all species combined).

Catch record cards are used to estimate sport salmon catch in marine and freshwater areas with some exceptions. In marine areas, creel survey estimates were substituted for the catch record card estimates in ocean areas 1-4 (excluding area 2.1 Willapa Bay and area 2.2 Grays Harbor), in Area 5 from July 1 to September 30 and in Area 6 from July 1 to August 1. In freshwater areas, creel survey estimates were substituted for the catch record card estimates in the Lower Columbia River for February–October, and for the Lake Washington sockeye fishery in July. All other estimates are from catch record cards.

STURGEON

On the new combined sport catch record card, sturgeon fishers were required to record their catch statewide. The total sport harvest for 2009, based on creel surveys and catch record card returns, was 13,366 fish. Of this total, 11,388 white sturgeon came from the Columbia River and Snake River systems combined (Table 27). Catch from coastal rivers (including Willapa Bay and Grays Harbor) totaled 473 white sturgeon. Puget Sound rivers and marine areas produced 911 white sturgeon. For monthly catch information see Table 27.

STEELHEAD

Harvest estimates for sport-caught summer and winter steelhead are based on catch record card returns. Steelhead caught during the months of May through October are considered “summer-runs,” designated S. Steelhead caught from November through April are considered “winter-runs,” designated W, with the exception of steelhead caught above Bonneville Dam on the Columbia River, where all steelhead are considered “summer-runs,” because of run and spawn timing.

Table 31 presents steelhead sport harvest estimates for the 2009-2010 season geographically by stream and river system. Monthly estimate totals are given for marked and unmarked steelhead.

MARINE FISH

Marine fish are those species of fish which live their entire lives in salt water. There are four general groups of marine fish for management purposes: 1) bottomfish, which are species such as rockfish, lingcod and most species of sole and flounder; 2) forage fish, which are small, schooling fish such as herring and smelt; 3) tunas and mackerels; 4) Pacific halibut.

The recreational catch of bottomfish and halibut in ocean waters (Catch Areas 1-4) is estimated from marine surveys (Table 35 and 36). The estimates are made for each of the four main coastal fishing areas: Ilwaco, Westport, La Push and Neah Bay.

The Puget Sound (Catch Areas 5-13) catch of bottomfish, excluding halibut, is estimated using a combination of two surveys: a creel survey of anglers to determine the catch rate and species composition and a phone survey of licensed anglers to determine total fishing effort. These estimates are shown in Table 37. The recreational catch of forage fish is not routinely monitored and no harvest estimate is available

SHELLFISH

Razor clam harvest on the coastal beaches is summarized in Table 38. During the fall of 2009 and the spring of 2010 283,444 digging trips resulted in a harvest of 3,805,228 clams, for an average of 13.4 clams per trip.

Puget Sound recreational clam and oyster harvest estimates are shown in Table 39. Harvest totals for Manila and native littleneck clams, butter clams, cockles, softshell clams, horse clams, geoducks and oysters are shown for public access beaches. Estimates show 143,678 sport harvester trips gathered 491,443 total pounds of clams and 917,635 oysters in 2009.

The Hood Canal sport shrimp fishery harvest is reported in Table 40. A total of 82,657 pounds of shrimp were caught during the seven days of the season. Puget Sound shrimpers caught 42,302 pounds of shrimp between May and September. The sport crab fishery in the Puget Sound areas is summarized in Table 42. Crabbers harvested an estimated 1,459,405 pounds of Dungeness crab.

SPORT LICENSES

Table 1. Number and Value of Sport Fishing Licenses Sold in Washington.

April 1, 2009 - March 31, 2010 - License Year			
Type of License	Price	Number Sold	Value
Saltwater			
Resident	\$18.50	55,867	\$1,033,539.50
Non-Resident	\$36.50	3,277	\$119,610.50
Senior	\$5.50	16,489	\$90,689.50
Freshwater			
Resident	\$20.00	392,182	\$7,843,640.00
Non-Resident	\$40.00	22,765	\$910,600.00
Senior	\$5.00	38,496	\$192,480.00
Shellfish/Seaweed			
Resident	\$7.00	94,703	\$662,921.00
Non-Resident	\$20.00	6,095	\$121,900.00
Senior	\$5.00	15,489	\$77,445.00
Combination (Saltwater/Freshwater/Shellfish)			
Resident	\$36.50	161,434	\$5,892,341.00
Non-Resident	\$72.50	2,630	\$190,675.00
Disabled	\$5.50	14,674	\$80,707.00
Youth	\$5.50	12,501	\$68,755.50
Short-term Combination*			
1-day Resident	\$6.89 / \$6.82	50,158	\$374,016.00
1-day Non-Resident	\$13.29 / \$13.18	34,685	\$456,417.00
2-day Resident	\$9.63 / \$9.55	13,857	\$143,776.00
2-day Non-Resident	\$18.77 / \$18.64	13,000	\$242,146.00
3-day Resident	\$12.37 / \$12.27	11,425	\$151,447.00
3-day Non-Resident	\$24.24 / \$24.09	10,061	\$242,312.00
4-day Resident	\$14.20 / \$14.09	992	\$14,840.00
4-day Non-Resident	\$27.90 / \$27.73	2,609	\$72,347.00
5-day Resident	\$16.03 / \$15.91	1,424	\$23,701.00
5-day Non-Resident	\$31.55 / \$31.36	4,833	\$151,607.00
Razor Clam			
Annual Resident	\$5.50	29,138	\$160,259.00
Annual Non-resident	\$11.00	2,737	\$30,107.00
3-day	\$3.50	41,069	\$143,741.50
PS Crab Endorsement			
Annual	\$2.27	190,994	\$433,556.38
1-5 day	\$0.45	11,654	\$5,244.30
Charter/Guide Stamps*			
Charter Stamps	\$6.89 / \$6.82	17,082	\$102,010.00
Guide - Resident	\$6.89 / \$6.82	9,290	\$61,830.00
Guide - Non-resident	\$13.29 / \$13.18	405	\$4,823.00
Two-Rod Endorsements			
Resident / Non-resident	\$20.00	4,015	\$80,300.00
Senior	\$5.00	1,341	\$6,705.00
Columbia River Endorsements			
Resident / Non-resident	\$7.50	19,893	\$149,197.50
Duplicate Catch Cards			
Resident		23,353	\$233,530.00
Non-Resident		1,575	\$15,750.00
Youth		1,736	\$17,360.00
Senior		1,211	\$12,110.00
Disabled		542	\$5,420.00
Duplicate Licenses			
Resident		12,978	\$78,215.00
Non-Resident		510	\$2,689.00
Youth		314	\$1,869.00
Senior		854	\$4,046.00
Disabled		253	\$1,526.00
Total			\$20,708,201.68

* Prices for short-term licenses decreased slightly beginning in July, 2009.

TECHNICAL DATA

Table 2. Number of Catch Record Cards Issued 1971-2009

Year	Salmon	Steelhead	Sturgeon
1971	541,600	145,647	
1972	536,750	153,977	
1973	568,825	165,671	
1974	562,375	154,051	
1975	576,075	no data	
1976	660,150	no data	
1977	641,050	no data	
1978	580,375	130,000	
1979	487,875	136,000	
1980	433,700	139,500	
1981	463,561	132,000	
1982	481,915	100,000	
1983	481,025	101,800	
1984	364,286	133,400	
1985	403,523	121,500	
1986	431,898	100,500	
1987	475,459	102,000	
1988	486,356	108,182	33,195
1989	509,534	106,666	35,576
1990	497,215	98,362	32,421
1991	489,394	98,328	32,396
1992	419,986	98,933	37,615
1993	447,986	94,913	43,067
1994	244,629	87,093	54,837
1995	416,707	101,303	62,572
1996	333,773	92,858	69,639
1997	331,511	68,341	76,806
1998	265,296	85,636	79,264
1999-2000	352,003	183,520	132,503
	Combined	Crab - Summer	Crab - Winter
2000-2001*	539,898		
2001-2002	827,443		
2002-2003	767,465		
2003-2004	799,326		
2004-2005	715,395		
2005-2006	686,831		
2006-2007	672,753		
2007-2008**	640,893	210,327	157,712
2008-2009	603,539	210,893	207,143
2009-2010	729,319	236,665	89,259

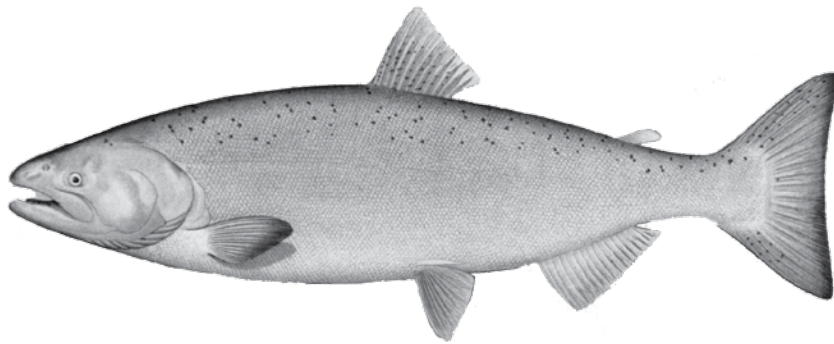
*Starting with the 2000-2001 season, all species were combined on a single card.

**Starting with the 2007-2008 season, separate cards were issued for Dungeness Crab, for both the summer season and the fall/winter season.

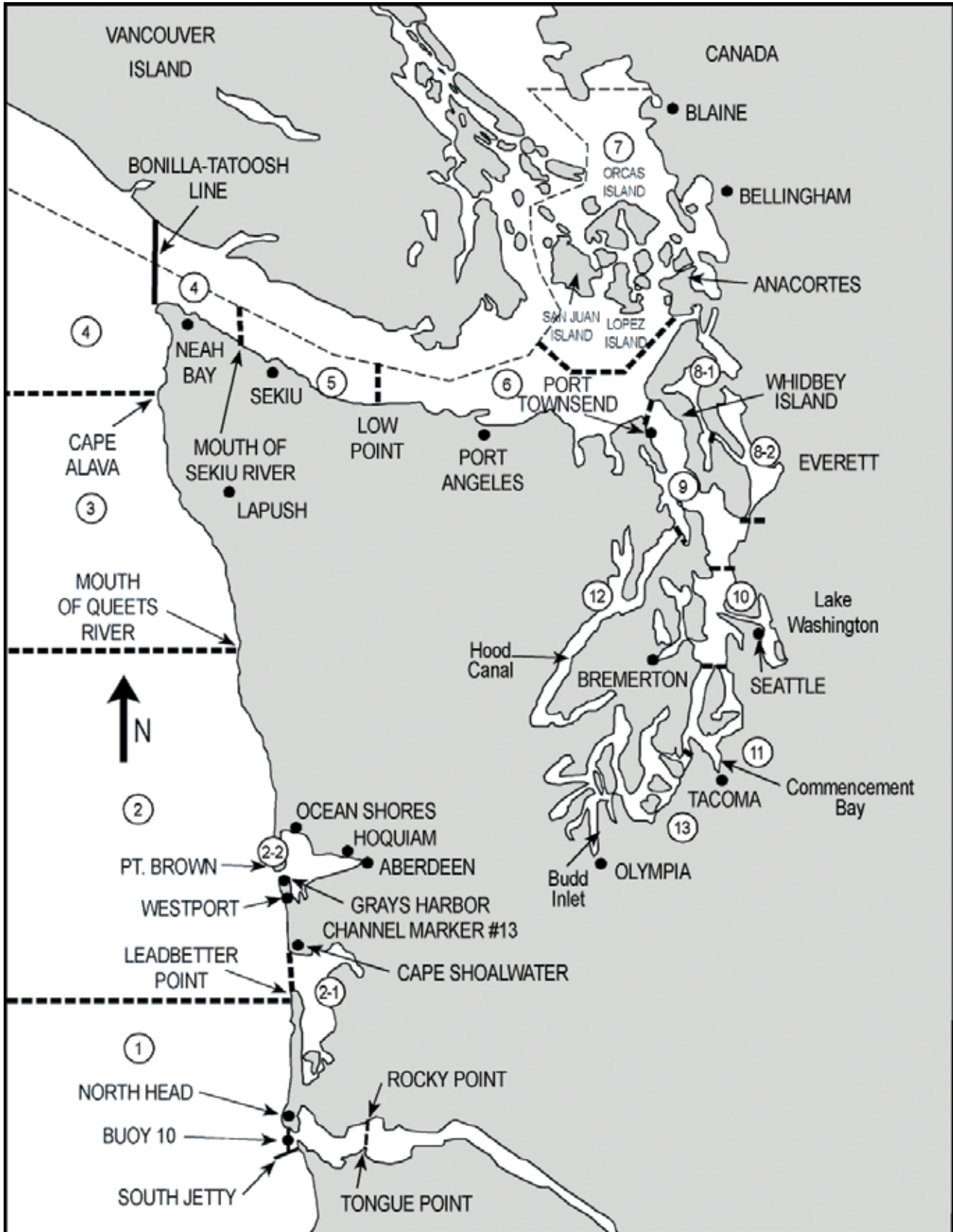
Table 3. 2009-2010 Catch Record Card Technical Data.

Cards Issued	729,319
In-sample cards	182,330
In-sample cards returned	101,465
Expansion Factor (Cards Issued / In-sample Returns)	7.19
Non-reporting bias correction factors	
Salmon - Marine Area 5	1.00
Salmon - Puget Sound Marine Areas	1.46
Salmon - Freshwater, Grays Harbor, Willapa Bay	1.20
Steelhead	0.98
Sturgeon	1.00

Salmon



MAP OF SALMON CATCH RECORD CARD AREAS MARINE WATERS ONLY



1	ILWACO	West of the Buoy 10 line at the Columbia River mouth, north to Leadbetter Point.
2	WESTPORT-OCEAN SHORES	From Leadbetter Point north to the Queets River, excluding Willapa Bay and Grays Harbor.
2-1	WILLAPA BAY	East of a line from Leadbetter Point to Cape Shoalwater.
2-2	GRAYS HARBOR	East of a line from the tip of the North Jetty to exposed end of the South Jetty.
3	LA PUSH	From the Queets River north to Cape Alava.
4	NEAH BAY	From Cape Alava north and inside Juan de Fuca Strait to the Sekiu River.
5	SEKIU AND PILLAR POINT	From mouth of the Sekiu River east to Low Point, mouth of the Lyre River.
6	EAST JUAN DE FUCA STRAIT	From Low Point east to the Partridge Point - Point Wilson line north to the line from Trial Island (near Victoria B.C.) - Vessel Traffic Separation Buoy "R" - Smith Island to the Lawson Reef Buoy to Northwest Island to the Initiative 77 marker on Fidalgo Island.
7	SAN JUAN ISLANDS	All marine waters north of the Trial Island line described under Area 6 to the United States-Canada boundary.
8-1	DECEPTION PASS, HOPE	From West Point to Reservation Head eastward through Deception Pass, including all waters of Swinomish Slough and Skagit Bay, and the portion of Saratoga Passage north and west of a line from East Point Light to light on Camano Island (Saratoga Pass Light #4FI Red 4 Sec.).
8-2	PORTS SUSAN AND GARDNER	East of East Point Light-Camano Island Light line (described in 8-1 above) and north of the Possession Point-Shipwreck line (described in 9 below).
9	ADMIRALTY INLET	All waters inside and south of the Partridge Point - Point Wilson line, south and west of a line from Possession Point 110° true to shipwreck, north of the Hood Canal Bridge, and north of the Apple Cove Point-Edwards Point line.
10	SEATTLE-BREMERTON AREA	South from the Apple Cove Point-Edwards Point line to a line projected true east- west through the north tip of Vashon Island.
11	TACOMA-VASHON ISLAND	South from a line projected true east west through the north tip of Vashon Island to the Tacoma Narrows Bridge.
12	HOOD CANAL	All waters south of the Hood Canal Bridge.
13	SOUTH PUGET SOUND	All waters south of Tacoma Narrows Bridge.

FRESHWATER AREAS

RIVERS OR STREAMS OR LAKES - Name of river, stream or lake, except for Buoy 10

BUOY 10 (1A)

From Buoy 10 Line to Rocky Point-Tongue Point Line

Table 4. Annual Sport Salmon Catch.

Year	Total	Fresh-water	Un-known	Area 1	Area 1A	Area 2	Area 2-1	Area 2-2	Area 3	Area 4	Area 5	Area 6	Area 7	Area 8	Area 8-1	Area 8-2	Area 9	Area 10	Area 11	Area 12	Area 13
1971	1,344,818	145,904		342,928		446,738			39,682	87,184	71,947	39,573	28,355	5,189			54,920	35,225	27,332	19,841	
1972	1,138,926	121,432		307,938		353,113			31,278	61,704	45,446	45,058	29,536	3,097			42,968	32,942	35,962	28,452	
1973	1,095,360	147,554		236,385		348,406			49,900	48,645	33,347	40,308	14,852	3,966			52,935	42,574	61,919	14,569	
1974	1,320,420	88,048		334,664		320,467			74,832	80,362	50,319	53,222	36,318	5,491			76,518	69,341	105,110	25,728	
1975	1,399,375	101,531		308,475		331,565			57,356	59,451	48,975	74,336	37,626	7,726			100,089	78,832	162,072	31,341	
1976	1,749,560	100,601		433,026		543,295			70,133	68,670	63,966	102,639	55,396	21,688			88,737	62,607	61,562	24,405	52,835
1977	1,191,414	96,843		248,518		321,888			38,359	86,186	73,106	61,568	31,709	17,792			64,651	39,372	44,657	22,020	44,745
1978	1,107,852	86,845		220,548		269,338			24,439	52,270	59,400	68,849	36,293	13,229			73,187	56,479	48,018	26,801	72,156
1979	1,123,809	88,659		167,478		174,365			24,160	53,840	134,354	70,839	48,101	33,835			104,619	71,167	71,495	20,006	60,891
1980	852,879	105,461		158,883		163,748			19,146	29,500	39,587	52,663	24,457	18,432			60,072	52,128	57,751	17,138	53,913
1981	760,104	58,128		142,879		151,301			1,734	36,883	55,900	56,318	21,826	16,986			67,838	42,602	42,175	14,989	50,545
1982	749,995	91,849		102,769	13,069	158,005			9,857	42,716	67,611	33,870	12,947	9,940			49,853	49,727	51,975	8,672	47,135
1983	860,623	108,783		95,593	3,006	100,791			7,318	58,469	62,486	74,311	29,844	23,268			98,485	54,228	72,772	11,756	59,513
1984	561,428	142,170		23,927	55,865	16,631			167	6,604	39,276	67,246	29,985	17,442			79,526	24,130	28,781	5,158	24,520
1985	686,333	107,734		75,013	18,914	93,620			2,062	26,878	101,920	45,342	23,798	25,427			75,193	33,019	38,157	4,897	14,359
1986	830,644	115,469		69,915	86,360	98,421			2,553	25,027	138,951	71,544	27,550	26,822			79,730	33,686	33,891	3,460	17,265
1987	782,834	110,636		62,393	61,048	71,458			3,005	29,418	107,138	82,377	27,152	31,421			86,270	42,179	32,753	8,947	26,639
1988	703,088	168,594		22,960	120,019	62,001			3,341	19,576	107,935	47,483	22,225	16,514			47,109	28,020	22,202	2,420	12,689
1989	832,214	121,417		87,755	67,734	100,000			2,405	44,600	164,580	64,766	19,078	23,165			63,724	36,748	24,561	4,588	7,093
1990	824,143	107,934		97,844	16,850	102,984			5,809	48,329	223,012	54,848	12,797	14,865			57,875	47,519	25,555	1,618	6,304
1991	943,473	153,719		77,608	152,974	107,362	1,965	9,047	5,615	43,357	216,816	42,812	16,602		3,528	16,809	40,390	32,229	15,549	3,225	3,866
1992	569,195	90,032		48,356	37,157	67,427	1,978	0	2,031	25,820	108,876	30,894	12,515		3,295	11,836	47,157	51,338	18,198	6,303	5,982
1993	599,361	145,579		49,587	17,975	57,990	2,260	743	3,469	31,154	80,496	44,174	35,697		6,150	18,170	41,949	36,699	14,130	3,540	9,599
1994	156,896	61,142			1,069	71	2,574	1,971	Closed	Closed	518	1,184	8,322		1,917	3,301	6,978	23,279	25,360	8,905	10,305
1995	524,232	190,158		3,743	24,954	29,122	936	1,799	1,990	15,604	53,553	20,617	23,801		23,503	42,900	22,920	28,560	28,242	5,200	6,630
1996	390,660	161,108		17,882	3,509	23,089	2,422	2,601	1,901	8,750	41,820	18,103	15,486		2,350	13,968	20,343	18,972	25,417	6,408	6,531
1997	394,868	98,220		11,976	22,441	16,261	409	1,433	1,260	2,577	52,890	23,614	35,016		5,894	37,649	24,356	25,277	23,146	7,089	5,360
1998	235,466	78,664		4,738	5,364	9,348	1,329	2,970	762	8,045	24,509	6,657	5,801		2,095	12,409	24,324	16,674	17,272	7,782	6,723
1999	239,317	92,611		21,989	11,222	19,056	2,137	1,207	4,387	6,650	24,546	3,509	5,765		1,519	8,805	9,228	4,009	14,517	4,046	4,114
2000	401,180	191,805	4,228	27,889	16,335	34,636	870	2,736	2,519	11,652	29,883	4,334	7,178		2,105	12,798	12,608	15,681	14,212	4,580	5,131
2001	1,056,395	405,590	11,042	82,641	80,701	85,645	1,255	5,784	4,188	21,991	87,639	12,081	17,268		17,685	74,947	70,259	26,448	27,761	17,677	5,793
2002	551,479	306,424	6,443	53,015		61,715	960	3,530	3,736	13,523	35,100	1,418	8,326		1,544	8,609	12,731	11,885	12,044	7,039	3,437
2003	810,616	342,884	6,940	83,164		64,733	1,953	2,135	6,537	32,207	88,885	13,781	12,409		10,573	51,784	44,697	16,541	17,719	10,898	2,776
2004	474,929	214,116	2,562	59,321		38,616	1,759	6,017	5,152	34,760	45,000	2,511	3,428		1,117	7,606	15,024	13,766	13,944	7,293	2,937
2005	451,411	200,535	1,789	38,490		32,823	3,580	1,910	4,316	15,297	58,621	3,295	5,934		1,691	18,846	24,125	12,866	15,022	8,392	3,879
2006	288,716	174,224	1,212	21,254		14,506	3,368	1,812	3,754	7,136	13,244	1,601	4,486		378	2,280	6,398	11,193	12,024	6,214	3,632
2007	545,737	231,800	2,501	49,108		28,694	1,473	1,635	3,545	16,057	75,084	6,626	9,961		1,513	21,604	41,906	20,149	22,602	6,955	4,524
2008	251,975	160,431	1,491	11,729		16,983	2,788	1,001	1,356	3,415	14,765	1,437	3,651		580	1,303	6,982	8,007	9,598	3,124	3,334
2009	1,074,938	571,230	16,885	69,430		60,414	5,975	5,257	10,437	69,692	73,767	16,056	10,173		6,207	32,774	63,436	30,738	26,325	4,081	2,061

Note: In 1976, several area boundary lines were changed resulting in thirteen catch areas instead of twelve. The changes were mostly reflected in catch Areas 8, 9, 10 and new Area 13. In 1989, catch Area 8 was subdivided into Areas 8.1 and 8.2 and catch Area 2 was subdivided into Areas 2, 2-1 and 2-2. For comparative purposes, the catch for Areas 8-1 and 8-2 are totaled and entered under Area 8 until 1990. Beginning in 1991, Areas 8-1 and 8-2, are reported separately. Similarly, the catch in Areas 2, 2-1 and 2-2 are included in the total catch for Area 2 until 1990. Beginning in 1991, they are reported separately. The total catch for Area 1 and Area 1A is included in the total catch for Area 1 until 1981. Starting in 1982, they are reported separately. Beginning in 2002, Area 1A catch is included in the freshwater total.

Note: Prior to 1999, sport salmon estimates were based on calendar years. In 1999, the sport estimates cover January 1, 1999 - March 31, 2000. Starting in 2000, sport salmon estimates are based on the fishing license year which runs from April 1 to March 31.

Table 5. Total 2009-2010 Sport Salmon Catch.

Marine Area	Chinook	Coho	Chum	Pink	Sockeye	Jacks	Total Salmon	Marine Angler Trips	Salmon per Trip
Ilwaco-Ocean (Area 1)	4,230	65,200					69,430	42,735	1.62
Westport (Area 2)	4,994	52,981		2,439			60,414	37,153	1.63
Willapa Bay (Area 2.1)	2,592	2,958				425	5,975	N/A	
Grays Harbor (Area 2.2)	5	5,152				100	5,257	N/A	
LaPush (Area 3)	687	7,022		2,728			10,437	5,173	2.02
Neah Bay (Area 4)	2,439	13,238		54,015			69,692	16,389	4.25
Subtotal Coast*	14,947	146,551		59,182		525	221,205	101,450	2.07
Sekiu-Pillar Point (Area 5)	7,602	29,283	168	36,704	10		73,767	60,069	1.23
East Juan de Fuca (Area 6)	3,394	3,622	4	9,036			16,056	25,916	0.62
San Juan Islands (Area 7)	4,008	776	11	5,312	66		10,173	38,587	0.26
Deception Pass, Hope Island (Area 8-1)	308	813		5,086			6,207	18,918	0.33
Port Susan & Port Gardner (Area 8-2)	1,035	6,445	32	25,262			32,774	54,574	0.60
Admiralty Inlet (Area 9)	5,068	18,304	68	39,993	3		63,436	93,252	0.68
Seattle-Bremerton (Area 10)	3,644	11,746	59	15,289			30,738	59,562	0.52
Tacoma-Vashon Island (Area 11)	3,636	2,901	15	19,773			26,325	86,598	0.30
Hood Canal (Area 12)	949	1,469	1,268	395			4,081	13,996	0.29
South Puget Sound (Area 13)	1,374	290	346	51			2,061	50,479	0.04
Subtotal Puget Sound	31,018	75,649	1,971	156,901	79		265,618	501,951	0.53
Marine Area Totals*	45,965	222,200	1,971	216,083	79	525	486,823	603,401	0.81
Freshwater Totals	78,158	126,954	10,989	341,576	7,695	22,743	588,115	N/A	
Grand Totals	124,123	349,154	12,960	557,659	7,774	23,268	1,074,938	N/A	

*Salmon per trip is calculated after subtracting the catch totals for Willapa Bay and Grays Harbor, where angler trip data is not available.

Table 6. 2009-2010 Sport Salmon Catch, Area 1 - Ilwaco: Ocean

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
June 28	2009	10	334				344	193	1.78
July 5	2009	117	2536				2,653	1,587	1.67
July 12	2009	140	4473				4,612	2,609	1.77
July 19	2009	485	6364				6,850	3,653	1.87
July 26	2009	212	4690				4,902	2,893	1.69
August 2	2009	601	9613				10,214	5,739	1.78
August 9	2009	1,426	11696				13,123	7,635	1.72
August 16	2009	666	11823				12,489	7,611	1.64
August 23	2009	333	7486				7,820	6,308	1.24
August 30	2009	200	4401				4,601	2,870	1.60
September 6	2009	11	178				189	166	1.14
September 13	2009	23	1327				1,350	1,065	1.27
September 20	2009	3	242				244	350	0.70
September 27	2009	2	36				39	55	0.70
October 4	2009								
October 11	2009								
Total		4,230	65,200				69,430	42,735	1.62

NOTE: Catch by species is presented by actual catch area and therefore may not correspond with catch by quota area statistics reported prior to 1995.

Table 7. 2009-2010 Sport Salmon Catch, Area 1 - Ilwaco: River (Buoy 10)

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Angler Trips	Salmon per Trip
August 2	2009	13	54				67	213	0.31
August 9	2009	79	681				760	1,119	0.68
August 16	2009	1,103	2,105				3,208	4,980	0.64
August 23	2009	472	7,328				7,800	9,881	0.79
August 30	2009	663	6,479				7,142	8,571	0.83
September 6	2009	37	2,711				2,748	3,744	0.73
September 13	2009	7	796				803	2,128	0.38
September 20	2009		151				151	569	0.27
September 27	2009		192				192	304	0.63
Total **		2,374	20,497				22,871	31,509	0.73

NOTE: Catch by species is presented by actual catch area and therefore may not correspond with catch by quota area statistics reported prior to 1995.

** Includes some catch just above the Megler-Astoria Bridge.

Table 8. 2009-2010 Sport Salmon Catch, Area 2 - Westport

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
June 28	2009	124	539	51			714	777	0.92
July 5	2009	154	484	72			709	1,027	0.69
July 12	2009	471	1,990	87			2,548	1,795	1.42
July 19	2009	752	2,955	97			3,804	3,121	1.22
July 26	2009	675	4,509	130			5,313	3,718	1.43
August 2	2009	716	5,814	219			6,750	4,519	1.49
August 9	2009	567	7,689	231			8,488	4,687	1.81
August 16	2009	553	6,199	248			6,999	4,059	1.72
August 23	2009	374	6,906	261			7,541	4,109	1.84
August 30	2009	384	6,574	261			7,219	3,865	1.87
September 6	2009	86	2,777	261			3,124	1,571	1.99
September 13	2009	102	3,135	261			3,498	1,882	1.86
September 20	2009	37	3,409	261			3,707	2,022	1.83
September 27	2009								
October 4	2009								
October 11	2009								
Total		4,994	52,981	2,439			60,414	37,153	1.63

NOTE: Catch by species is presented by actual catch area and therefore may not correspond with catch by quota area statistics reported prior to 1995.

Table 9. 2009-2010 Sport Salmon Catch, Area 2.1 - Willapa Bay

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Chinook Jacks	Coho Jacks	Total Salmon
July	2009	59	159				12		230
August	2009	1,559	1,509				225	49	3,342
September	2009	962	1,221				73	66	2,322
October	2009	6	69						75
November	2009	6							6
Total		2,592	2,958				310	115	5,975

Table 10. 2009-2010 Sport Salmon Catch, Area 2.2 - Grays Harbor

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Chinook Jacks	Coho Jacks	Total Salmon
July	2009	2	1						3
August	2009	1						6	7
September	2009	2	2,930				35	35	3,002
October	2009		2,209				6	18	2,233
November	2009		12						12
Total		5	5,152				41	59	5,257

Table 11. 2009-2010 Sport Salmon Catch, Area 3 - La Push

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
June 28	2009	7	165	6			179	102	1.75
July 5	2009	48	484	33			566	341	1.66
July 12	2009	33	390	41			464	314	1.48
July 19	2009	80	572	65			717	429	1.67
July 26	2009	41	559	154			754	413	1.83
August 2	2009	101	967	183			1,250	647	1.93
August 9	2009	84	1,358	199			1,641	805	2.04
August 16	2009	64	925	204			1,193	626	1.91
August 23	2009	65	883	228			1,175	507	2.32
August 30	2009	16	249	231			495	163	3.03
September 6	2009	14	129	231			373	106	3.53
September 13	2009		148	231			379	132	2.87
September 20	2009	1	59	231			291	99	2.94
September 27	2009	38	41	231			310	278	1.11
October 4	2009	43	41	231			314	93	3.39
October 11	2009	54	51	231			336	120	2.81
Total		687	7,022	2,728			10,437	5,173	2.02

NOTE: Catch by species is presented by actual catch area and therefore may not correspond with catch by quota area statistics reported prior to 1995.

Table 12. 2009-2010 Sport Salmon Catch, Area 4 - Neah Bay

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
June 28	2009	51	118	9			178	225	0.79
July 5	2009	156	702	55			914	1,156	0.79
July 12	2009	172	1,225	623			2,020	1,350	1.50
July 19	2009	474	1,489	1,552			3,514	1,974	1.78
July 26	2009	468	1,330	2,599			4,397	1,922	2.29
August 2	2009	512	1,826	3,957			6,295	2,150	2.93
August 9	2009	241	1,742	4,803			6,786	1,759	3.86
August 16	2009	190	2,653	5,829			8,672	2,358	3.68
August 23	2009	90	523	6,353			6,966	1,483	4.70
August 30	2009	37	720	6,865			7,622	823	9.26
September 6	2009	24	173	7,108			7,305	507	14.42
September 13	2009	18	458	7,127			7,602	433	17.57
September 20	2009	6	281	7,136			7,422	249	29.86
Total		2,439	13,238	54,015			69,692	16,389	4.25

NOTE: Catch by species is presented by actual catch area and therefore may not correspond with catch by quota area statistics reported prior to 1995.

Table 13. 2009-2010 Sport Salmon Catch, Area 5 - Sekiu - Pillar Point

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	172					172	745	0.23
July	2009	5,688	5,695	6,835			18,218	21,235	0.86
August	2009	1,162	8,306	20,662			30,130	17,344	1.74
September	2009	215	12,297	9,207	10	69	21,798	16,779	1.30
October	2009	88	2,985			99	3,172	3,434	0.92
January	2010	8					8	13	0.62
February	2010	112					112	218	0.51
March	2010	157					157	301	0.52
Total		7,602	29,283	36,704	10	168	73,767	60,069	1.23

NOTE: Estimates for July-September are from creel surveys; all other estimates are from catch record cards.

Table 14. 2009-2010 Sport Salmon Catch, Area 6 - East Juan de Fuca Strait

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	61					61	601	0.10
July	2009	1,833	85	1,664			3,582	8,590	0.42
August	2009	312	522	5,879			6,713	5,232	1.28
September	2009	19	2,420	1,493			3,932	5,961	0.66
October	2009	132	595			4	731	1,703	0.43
February	2010	393					393	1,671	0.24
March	2010	644					644	2,158	0.30
Total		3,394	3,622	9,036		4	16,056	25,916	0.62

Table 15. 2009-2010 Sport Salmon Catch, Area 7 - San Juan Islands

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	168					168	1,348	0.12
July	2009	1,630	158	718	46		2,552	12,664	0.20
August	2009	643	128	3,359	20		4,150	8,638	0.48
September	2009	153	480	1,235			1,868	6,374	0.29
October	2009	158	10			11	179	2,210	0.08
December	2009	316					316	1,361	0.23
January	2010	368					368	2,186	0.17
February	2010	240					240	2,125	0.11
March	2010	332					332	1,681	0.20
Total		4,008	776	5,312	66	11	10,173	38,587	0.26

NOTE: Estimates for April and December are from creel surveys; all other estimates are from catch record cards.

Table 16. 2009-2010 Sport Salmon Catch, Area 8-1 - Deception Pass / Hope Island

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	32					32	390	0.08
July	2009	10		51			61	968	0.06
August	2009	8	68	2,306			2,382	5,128	0.46
September	2009		692	2,710			3,402	8,925	0.38
October	2009	15	53	19			87	249	0.35
November	2009	27					27	262	0.10
December	2009	88					88	925	0.10
January	2010	67					67	528	0.13
February	2010	20					20	1,126	0.02
March	2010	41					41	417	0.10
Total		308	813	5,086			6,207	18,918	0.33

NOTE: Estimates for April, November-December are from creel surveys; all other estimates are from catch record cards.

Table 17. 2009-2010 Sport Salmon Catch, Area 8-2 - Port Susan / Port Gardner

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	62					62	1,484	0.04
June	2009	15					15	1,298	0.01
July	2009	34	21	150			205	8,036	0.03
August	2009	18	260	16,310			16,588	15,427	1.08
September	2009	40	5,519	8,802			14,361	15,594	0.92
October	2009	168	645			30	843	6,119	0.14
November	2009	172				2	174	1,271	0.14
December	2009	168					168	1,040	0.16
January	2010	97					97	795	0.12
February	2010	87					87	1,485	0.06
March	2010	174					174	2,025	0.09
Total		1,035	6,445	25,262		32	32,774	54,574	0.60

NOTE: Estimates for April, November-December are from creel surveys; all other estimates are from catch record cards.

Table 18. 2009-2010 Sport Salmon Catch, Area 9 - Admiralty Inlet

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	37	3				40	575	0.07
May	2009	10					10	77	0.13
June	2009	5		71			76	573	0.13
July	2009	2,345	301	328	3	3	2,980	17,307	0.17
August	2009	925	1,418	29,023			31,366	25,461	1.23
September	2009	80	15,311	10,571			25,962	29,593	0.88
October	2009	134	1,264			38	1,436	12,602	0.11
November	2009	1,106	4			27	1,137	2,462	0.46
December	2009	2	3				5	21	0.24
January	2010	189					189	1,498	0.13
February	2010	66					66	1,139	0.06
March	2010	169					169	1,944	0.09
Total		5,068	18,304	39,993	3	68	63,436	93,252	0.68

NOTE: Estimates for part of July-August and November are from creel surveys; all other estimates are from catch record cards.

Table 19. 2009-2010 Sport Salmon Catch, Area 10 - Seattle / Bremerton

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
June	2009	15					15	214	0.07
July	2009	1,367	800	181		4	2,352	15,784	0.15
August	2009	1,783	1,629	8,144			11,556	19,775	0.58
September	2009	47	8,994	6,964		4	16,009	16,569	0.97
October	2009	123	320			51	494	3,593	0.14
November	2009	83					83	763	0.11
December	2009	119	3				122	1,216	0.10
January	2010	107					107	1,648	0.06
Total		3,644	11,746	15,289		59	30,738	59,562	0.52

NOTE: Estimates for parts of July-August, October-December are from creel surveys; all other estimates are from catch record cards.

Table 20. 2009-2010 Sport Salmon Catch, Area 11 -Tacoma / Vashon Island

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	20					20	532	0.04
May	2009	10					10	327	0.03
June	2009	557	14				571	9,433	0.06
July	2009	1,595	338	534			2,467	26,254	0.09
August	2009	1,017	429	16,775			18,221	32,279	0.56
September	2009	122	1,812	2,458		4	4,396	11,745	0.37
October	2009	94	308	6		6	414	3,376	0.12
November	2009	82					82	510	0.16
December	2009	21				5	26	308	0.08
February	2010	46					46	581	0.08
March	2010	72					72	1,253	0.06
Total		3,636	2,901	19,773		15	26,325	86,598	0.30

NOTE: Estimates for June-September are from creel surveys; all other estimates are from catch record cards.

Table 21. 2009-2010 Sport Salmon Catch, Area 12 - Hood Canal

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	117					117	577	0.20
July	2009	25		395			420	1,444	0.29
August	2009	428	118				546	3,206	0.17
September	2009	113	1,105				1,218	3,512	0.35
October	2009		246			771	1,017	3,225	0.32
November	2009					497	497	607	0.82
December	2009	61					61	164	0.37
February	2010	133					133	843	0.16
March	2010	72					72	418	0.17
Total		949	1,469	395		1,268	4,081	13,996	0.29

Table 22. 2009-2010 Sport Salmon Catch, Area 13 - South Puget Sound

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2009	97					97	9,409	0.01
May	2009	133					133	2,809	0.05
June	2009	39	17				56	881	0.06
July	2009	204					204	10,701	0.02
August	2009	677	43				720	18,622	0.04
September	2009	177	126	51			354	6,164	0.06
October	2009	16	104			208	328	1,578	0.21
November	2009					138	138	257	0.54
December	2009	5					5	10	0.50
February	2010	26					26	48	0.54
Total		1,374	290	51		346	2,061	50,479	0.04

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month

COASTAL RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2009									2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Grays Harbor	Elk River	342	Coho							72						72	
			Jackchin							6							6
			Total							78							78
	Hoquiam River	355	Coho							36							36
			Total							36							36
	Humptulips River	358	Chinook							92	658	92	18				860
			Coho							116	2,258	435	925	25			3,759
			Jackchin							6	12						18
			Jackcoho							6	36	24					66
	Johns River	367	Total							220	2,964	551	943	25			4,703
Coho										12						12	
Wishkah River	335	Total								12						12	
		Coho								151	6					157	
		Jackcoho								6						6	
Chehalis R. System	Chehalis River	315	Total							157	6					163	
			Chinook								1						1
			Coho								2,424	3,004	67				5,495
			Jackchin								48	48					96
	Quigg Lake	370	Jackcoho							465	139					604	
			Total							2,937	3,192	67				6,196	
	Satsop River	329	Coho								6						6
			Jackchin								6						6
			Jackcoho								48	6					54
			Total								589	103	280	6			978
Skookumchuck River	333	Coho								138	25	126	31			320	
		Jackcoho								6			6			12	
		Total								144	25	126	37			332	

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COASTAL RIVER SYSTEMS																
System	Stream	CRC Code	Species	2009								2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Chehalis R. System (cont.)	Wynoochee River	337	Coho								30	18				
			Total								30	18				
Copalis R. System	Copalis River	339	Coho							326	409	45	13			
			Jackcoho							19	12					
			Total							345	421	45	13			
Hoh R. System	Hoh River	348	Chinook			12				64	70					
			Coho						35	183	278	18				
			Jackchin		7	7				7	14					
			Jackcoho								6					
			Total		7	19			35	254	368	18				
Joe Creek System	Joe Creek	323	Coho							43	122	22				
			Total							43	122	22				
Queets R. System	Clearwater River	392	Chinook								61	6				
			Coho								126	119				
			Total								187	125				
	Queets River	394	Chinook									13				
			Coho							141	282	31				
			Jackcoho							28	28					
			Total							169	323	31				
	Salmon River (Jefferson Co)	396	Chinook									92	31			
			Coho							37	123	6				
Jackchin										6						
Jackcoho										6						
Total									37	227	37					
Quillayute R. System	Bogachiel River	398	Chinook								42					
			Coho								314	74				
			Jackchin				12				6					
			Jackcoho								6					
			Total				12				368	74				

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COASTAL RIVER SYSTEMS																		
System	Stream	CRC Code	Species	2009									2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Quillayute R. System (cont.)	Calawah River	400	Chinook										12			12		
			Coho								6	36					42	
			Total								6	48					54	
	Dickey River (Clallam Co)	402	Coho									72					72	
			Total									72					72	
	Quillayute River	404	Chinook	7		13			7	27	138						192	
			Coho					37	241	129	2,005							2,412
			Jackchin					6	12	54								72
			Jackcoho							6	6	42						54
			Total	7		13	43	266	216	2,185								2,730
Sol Duc River	406	Chinook	42	42	49	18	18			109	55					333		
		Coho					6	151	109	1,239	580						2,085	
		Sockeye			24	72	6	24	6								132	
		Jackchin	6		12			6	6								30	
		Jackcoho							6	6	30	18					60	
		Total	48	42	85	96	187	145	1,384	653							2,640	
Quinault R. System	Cook Creek	408	Coho					6	6							12		
			Total					6	6								12	
	Quinault River	410	Chinook						13								13	
Coho											6					6		
Jackchin										6						6		
Total									13	6	6					25		
Sooes R. System	Sooes River (Clallam Co.)	418	Pink					7								7		
			Coho								22						22	
			Total							7		22					29	
Van Winkle Creek	Van Winkle Creek	419	Coho							60	52					112		
			Jackchin								15						15	
			Total								75	52					127	
Waatch R. System	Waatch River	420	Coho				7				7					14		
			Total				7				7						14	

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COASTAL RIVER SYSTEMS															
System	Stream	CRC Code	Species	2009								2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Willapa Bay	Bear River (Pacific Co)	305	Coho								6				6
			Total								6				6
	Naselle River	375	Chinook					141	597	113	23				874
			Coho						56	434	163	107	39		799
			Jackchin					22	78	11					111
			Jackcoho						11	22	6			6	45
			Total					163	742	580	192	107	39	6	1,829
	Nemah River	379	Chinook						67	196				263	
			Coho						6	1,668				1,674	
			Jackchin							6				6	
			Jackcoho								17			17	
			Total						73	1,887					1,960
	North River	382	Coho							128	45			173	
			Jackcoho						11	28				39	
			Total						11	156	45			212	
	Smith Creek (Pacific Co)	384	Coho						11	39	34			84	
			Jackcoho							11				11	
			Total						11	50	34			95	
	Willapa River	424	Chinook					114	569	211	11			905	
			Coho					46	245	174	110	197	6	778	
			Jackchin					17	50		17	39		123	
			Jackcoho						34	11	6			51	
			Total					177	898	396	144	236	6	1,857	
Coastal River Totals			Chinook	49	42	74	18	293	1,416	1,704	230	18			3,844
			Pink					7						7	
			Coho				50	479	3,892	13,754	1,931	1,648	107	21,861	
			Sockeye			24	72	6	24	6				132	
			Jackchin	6	7	19	18	57	270	115	17	39		548	
			Jackcoho					12	586	454	60		6	6	1,124
			Total	55	49	117	158	854	6,188	16,033	2,238	1,705	113	6	27,516

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2009								2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Columbia R. Mainstem	B10 Line to Rocky Pt-Tongue Pt Line	519	Chinook				13	2,317	44							2,374	
			Coho				54	16,593	3,850	285	12	12				20,806	
			Total				67	18,910	3,894	285	12	12				23,180	
	Columbia - below Bonneville	521	Chinook	6,306		913	314	3,239	4,880	103			6		69	3,607	19,437
			Coho					297	1,336	869	12	6					2,520
			Sockeye			391	102										
Jackchin			542		381	202	251	601	5	6					2		1,990
Jackcoho						20	1								21		
Total	6,848		1,685	618	3,787	6,837	978	18	12				69	3,609	24,461		
Cowlitz R. System	Cowlitz R. below Mayfield Dam	561	Chinook	618	448	351	97	600	2,227	901	37			18	309	5,606	
			Pink						1								1
			Coho				6	176	4,627	8,856	915	42		6			14,628
			Jackchin	263	177	147	37	269	685	147	6						1,731
			Jackcoho				6	24	237	633	30						930
	Total	881	625	498	146	1,069	7,777	10,537	988	42		6	18	309	22,896		
	Cowlitz R. between Mayfield & Cowlitz Falls Dams	563	Chinook	36	48	12			24	36	6						162
			Coho						12	24	54	12		6			108
			Total	36	48	12			36	60	60	12		6			270
	Cowlitz R. above Cowlitz Falls Dam	559	Chinook		36	18	6		12	61	42						175
			Coho						114	658	545	177					1,494
			Jackchin				6			6	12						24
			Jackcoho								18						18
Total		36	18	12		126	725	617	177						1,711		
Green River (Cowlitz Co)	565	Chinook						6	30							36	
		Coho							72	138						210	
		Jackchin							6							6	
		Jackcoho							6							6	
		Total						6	114	138						258	

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2009								2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Cowlitz R. System (cont.)	Tilton River	571	Chinook							75	27	13				115	
			Coho					6	12	462	225	158				863	
			Jackcoho								6				6		
			Total					6	12	543	252	171				984	
	Toutle River	573	Chinook						12	6	6				24		
			Coho					6	48	42				96			
			Jackcoho							6				6			
			Total					18	54	54				126			
	Toutle River, No Fork	575	Chinook						44	180	25				249		
Coho							24	153	102				279				
Jackchin									6	6				12			
Total							68	339	133				540				
Lewis R. System	Lewis River	611	Chinook	52	26			19	26	2				125			
			Coho					47	219	278	18				562		
			Jackchin	8				17	8	1				34			
			Jackcoho							12				12			
	Lewis River, North Fork	615	Total	60	26			83	253	293	18				733		
			Chinook	173	36			95	436	72				18	830		
			Coho				90	288	3,043	2,738	954	270				7,383	
			Jackchin	30	53	1		18	59	6				167			
Lower Columbia	Deep River (Wahkiakum Co)	580	Jackcoho					18	242	124	12	6				402	
			Total	203	89	1	90	419	3,780	2,940	966	276			18	8,782	
			Chinook		18												18
			Coho					24	12								36
Elochoman River	583	Total		18			24	12							54		
		Chinook					18	41	12	6				77			
		Coho						6	83	130	12				231		
		Jackchin						6							6		
Lower Columbia	Elochoman River	583	Total					18	53	95	136	12				314	

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																		
System	Stream	CRC Code	Species	2009								2010			Total			
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar		
Lower Columbia (cont.)	Grays River	595	Chinook						302	89						391		
			Coho						213	249							462	
			Jackcoho						6									6
			Total						521	338								859
	Grays River, West Fork	596	Coho								160						160	
			Jackcoho								6							6
			Total								166							166
	Kalama River	604	Chinook	77	32				187	438	103	6	6		6	32	887	
			Coho						93	797	758	193	20				1,861	
			Jackchin	18	12					41	6					6	83	
			Jackcoho							6	18	12	12				48	
			Total	95	44					286	1,294	879	211	26		6	38	2,879
	Washougal River	667	Chinook						336	1,493	73	6					1,908	
			Coho						6	87	274	12	12				391	
			Jackchin							12	100	6					118	
Total									354	1,680	353	18	12				2,417	
Lower Columbia System Totals			Chinook	7,262	644	1,294	430	6,873	10,139	1,558	130	25		93	3,966	32,414		
			Pink						1							1		
			Coho				150	17,560	14,601	15,976	3,070	721	12			52,090		
			Sockeye			391	102									493		
			Jackchin	861	242	529	245	567	1,512	183	24			8		4,171		
			Jackcoho				6	48	529	800	72	6				1,461		
			Total	8,123	886	2,214	933	25,048	26,782	18,517	3,296	752	12	93	3,974	90,630		

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																		
System	Stream	CRC Code	Species	2009									2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Big White Salmon River	Big White Salmon River	508	Chinook	6	50	17	28	66	238	66							471	
			Coho					1	94	122								217
			Jackchin			17	11	17	33	6								84
			Jackcoho					6	6	6								18
			Total	6	50	34	39	90	371	200								790
Klickitat River	Klickitat River - below Fishway 5	607	Chinook		90	198	96	60	739	571	30						1,784	
			Coho					12	72	3,055	1,729	48					4,916	
			Jackchin		60	156	24		144	144	12						540	
			Jackcoho						37	111	68						216	
	Total		150	354		72	992	3,881	1,839	48					7,336			
	Klickitat River - above Fishway 5	608	Chinook				6									6		
			Total				126									126		
Little White Salmon River & Drano Lake	Little White Salmon River & Drano Lake	618	Chinook	260	1,394	87	25	290	217	84							2,357	
			Coho					13	120	79							212	
			Jackchin	31	1,416	49		25	61	12							1,594	
			Jackcoho						6								6	
			Total	291	2,810	136	25	328	404	175							4,169	
Mid Columbia	Columbia Bonneville Dam to The Dalles Dam	527	Chinook	18	85	18	18	348	410	336	12						1,245	
			Coho					12	200	1,327	358						1,897	
			Jackchin		42			48	126	151							367	
			Jackcoho						6		12						18	
	Total	18	127	18	18	408	742	1,814	382						3,527			
	Columbia The Dalles Dam to John Day Dam	529	Chinook	132			36	6	132	6						6	318	
			Coho					18	12	193	36						259	
			Jackchin			18	24		18								60	
			Total	132		18	60	24	162	199	36					6	637	
	Columbia John Day Dam to McNary Dam	531	Chinook	44		6	13		19	32						6	120	
			Coho						42								42	
			Sockeye			1											1	
Jackchin								18	6							24		
Total	44		7	13		79	38							6	187			

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2009									2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Wind R. System	Wind River above Shipherd Falls	677	Chinook		494	295				13						802	
			Coho						12							12	
			Jackchin		398	98											496
			Total		892	393				25							1,310
	Wind River below Shipherd Falls	680	Chinook	393	1,577	150		50	87	19	6					2,282	
			Coho						42	249						291	
			Jackchin	19	1,039	44										1,102	
			Total	412	2,616	194		50	129	268	6					3,675	
Middle Columbia System Totals			Chinook	853	3,690	771	222	820	1,855	1,114	48				12	9,385	
			Coho					56	594	5,025	2,123	48				7,846	
			Sockeye			1										1	
			Jackchin	50	2,955	382	59	90	400	319	12					4,267	
			Jackcoho					6	55	117	80					258	
			Total	903	6,645	1,154	281	972	2,904	6,575	2,263	48			12	21,757	

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																				
System	Stream	CRC Code	Species	2009								2010			Total					
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar				
Okanogan R. System	Okanogan River	627	Chinook				31	18	24								73			
			Coho								1							1		
			Sockeye				24	12											36	
			Jackchin				6												6	
			Total				61	30	24	1									116	
	Similkameen River	629	Chinook				18	79	79									176		
			Sockeye					6									6			
			Total				18	85	79								182			
Upper Columbia	Columbia McNary Dam to Highway 395 Bridge	533	Chinook	6						71	101		6				12	196		
			Coho											12					12	
			Sockeye										6							6
			Jackchin								24	42								66
			Jackcoho									6								6
			Total	6							95	155	18					12		286
	Columbia Highway 395 Bridge-Priest Rapids Dam	535	Chinook	24	162		90	72	2,873	3,370		12						12	6,615	
			Coho					12	72	24										108
			Sockeye			6	12													18
			Jackchin		155	6	95	54	863	1,083		6								2,262
			Jackcoho						24	59										83
			Total	24	317	12	197	138	3,832	4,536	18							12		9,086
	Columbia Priest Rapids to Chief Joseph Dam	537	Chinook			2	2,558	1,377	1,667	822									6,426	
			Coho					1	2			3							6	
			Sockeye				2,822	823	30	6										3,681
Jackchin					1	816	450	426	96										1,789	
Jackcoho								1											1	
Total					3	6,196	2,651	2,126	924	3									11,903	

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																
System	Stream	CRC Code	Species	2009									2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Wenatchee R. System	Icicle Creek	672	Chinook		125	625	6									756
			Coho							54	60					114
			Jackchin		48	619	12									679
			Total		173	1,244	18				54	60				1,549
	Lake Wenatchee	670	Sockeye					3,115								3,115
			Total					3,115							3,115	
Yakima R. System	Yakima River	690	Chinook		12	226				61	412					711
			Coho						6	70						76
			Jackchin			329	18		85	122						554
			Jackcoho								6					6
			Total		12	555	18		152	610						1,347
Upper Columbia System Totals			Chinook	30	299	853	2,703	1,546	4,775	4,705	18				24	14,953
			Coho					13	80	149	75					317
			Sockeye			6	2,858	3,956	30	12						6,862
			Jackchin		203	955	947	504	1,398	1,343	6					5,356
			Jackcoho						25	71						96
			Total	30	502	1,814	6,508	6,019	6,308	6,280	99				24	27,584

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2009										2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Snake R. System	Snake River: below Ice Harbor Dam	640	Jackchin Total							6 6							
	Snake River: Ice Harbor to Lower Monumental Dam	642	Chinook Total		18 18												
	Snake River: Lower Monumental to Little Goose Dam	644	Chinook Jackchin Total	42 6 48	605 234 839					12 6 18	12 48 60						
	Snake River: Little Goose to Lower Granite Dam	646	Chinook Jackchin Total		24 12 36												
	Snake River: Lower Granite to Interstate Bridge	648	Jackchin Total								6 6						
	Snake River: Upstream of Interstate Bridge	650	Chinook Jackchin Total		12 6 18					12 12							
	Snake River System Totals			Chinook Jackchin Total	42 6 48	659 252 911					24 12 36	12 54 66					
															1,061		

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																		
System	Stream	CRC Code	Species	2009								2010			Total			
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar		
Burley Cr. System	Burley Creek (Kitsap Co)	708	Coho						7							7		
			Jackcoho						7								7	
			Total						14								14	
Chambers Cr. System	Chambers Creek	714	Chinook					15								15		
			Chum										22				22	
			Jackchin					15	22								37	
			Total					30	22				22				74	
Deschutes R. System	Deschutes River	728	Chinook					13	97	77						187		
			Jackchin					6	19								25	
			Total					19	116	77							212	
Dewatto R. System	Dewatto River	732	Coho						12	202						214		
			Jackcoho								6						6	
			Total						12	208							220	
Dungeness R. System	Dungeness River	738	Chinook							2						2		
			Coho							569	77						646	
			Total							571	77						648	
Elwha R. System	Elwha River	742	Coho							392						392		
			Jackcoho							87							87	
			Total							479							479	
Green-Duwamish R. System	Green - Duwamish River	746	Chinook				1		131	60	24	6				222		
			Chum						153	258	74						485	
			Pink				18	1,525	13,811	16,391	559							32,304
			Coho					73	480	1,128	165							1,846
			Jackchin						24	18								42
			Jackcoho							30	30							60
Total				19	1,598	14,629	17,885	822	6						34,959			
Hoko R. System	Hoko River	752	Coho										6			6		
			Total										6				6	
Kennedy Cr. System	Kennedy Creek	754	Chum							137	244					381		
			Total							137	244						381	

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2009								2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Lake Washington System	Lake Sammamish	764	Chinook					18	72							90	
			Coho						6								6
			Total					18	78								96
	Lake Washington	762	Coho						48	126						174	
			Total						48	126						174	
McLane Cr. System	McLane Creek	774	Chum									45				45	
			Total									45				45	
Minter Cr. System	Minter Creek	778	Chum									4,054	438			4,492	
			Jackcoho											1			1
			Total										4,054	439			4,493
Nisqually R. System	Nisqually River	786	Chinook				6	431	698	127						1,262	
			Chum						18	48		72	622	78		838	
			Pink					54	663	185						902	
			Coho					53	641	1,134						1,828	
			Jackchin				6	535	914	102						1,557	
			Jackcoho						136	71						207	
			Total				12	1,073	3,070	1,667	72	622	78			6,594	
Nooksack Samish R. System	Dakota Creek (Whatcom Co)	724	Chinook							24						24	
			Chum							6						6	
			Coho								390	18				408	
			Jackchin								6					6	
			Jackcoho									18				18	
			Total								444	18				462	
	Nooksack River	788	Chinook						12	18						30	
				Chum							12	112	12			136	
			Pink							12					12		
			Coho						24	296	6				326		
			Jackchin						6	6					12		
			Jackcoho							18					18		
			Total						42	362	118	12			534		

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																
System	Stream	CRC Code	Species	2009								2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Nooksack Samish R. System (cont.)	Samish River	816	Chinook				6	1,094	2,962	868						4,930
			Chum							12						12
			Pink						24							24
			Coho						102	85						187
			Jackchin					172	559	80						811
			Jackcoho						18	6						24
			Total				6	1,266	3,665	1,051						5,988
	Whatcom Creek	884	Chinook								6	24				30
			Chum						18	55	411	24				508
			Pink						24							24
Coho											24				24	
Total								42	61	459	24				586	
Puyallup R. System	Carbon River	802	Chinook						512	65					577	
			Chum						6						6	
			Pink					18	11,795	2,244	30				14,087	
			Coho						644	343	72	6			1,065	
			Jackchin						24						24	
			Jackcoho						36						36	
			Total					18	13,017	2,652	102	6			15,795	
	Puyallup River	804	Chinook					883	1,112	74	12				2,081	
			Chum					61	414	61	91	122			749	
			Pink					45,806	72,479	2,617	6				120,908	
Coho							2,593	13,813	1,650	60	36			18,152		
Sockeye								12						12		
Jackchin							67	165	6					238		
Jackcoho							267	713	95					1,075		
Total							49,677	88,708	4,503	169	158			143,215		
White (Stuck) River	808	Pink						36						36		
		Total						36						36		

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2009									2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Quilcene R. System	Quilcene River	812	Coho					134	2,235	152						2,521	
			Jackcoho						24	12						36	
			Total					134	2,259	164							2,557
Skagit R. System	Baker River	824	Pink					84	18							102	
			Coho						6							6	
			Total					84	24								108
	Cascade River	826	Chinook			36											36
			Pink						1								1
			Coho							102	632	66					800
			Jackchin			12											12
	Total			48					103	632	66					849	
	Skagit River	830	Chinook			62	67	130									259
			Pink					20,185	42,643	3,176							66,004
			Coho						109	1,279	1,877	188	24				3,477
			Jackchin			13	26	26									65
Jackcoho										24	30					54	
Total			75	93	20,450	43,946	5,083	188	24						69,859		
Skokomish R. System	Skokomish River	834	Chinook				61	3,807	659	12						4,539	
			Chum							1,440	487	6				1,933	
			Coho					74	428	946	117					1,565	
			Jackchin					54	12							66	
			Jackcoho							12	12					24	
Total			61	3,935	1,111	2,410	604	6						8,127			
Snohomish R. System	Skykomish River	844	Chinook			114	34			7						155	
			Chum						36	30	397	18				481	
			Pink						2,379	8,753	2,007	42				13,181	
			Coho						12	174	857	192	12			1,247	
			Jackchin			30										30	
			Jackcoho							6	6					12	
Total			144	34	2,391	8,969	2,907	631	30					15,106			

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																
System	Stream	CRC Code	Species	2009								2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Tahuya R. System	Snohomish River	850	Chum					36	77	173	59					345
			Pink					17,062	46,590	2,278	66					65,996
			Coho					67	1,132	2,358	55					3,612
			Jackcoho					12	12	71	6					101
			Total					17,177	47,811	4,880	186					70,054
	Snoqualmie River	852	Chum												6	6
			Pink						30	19						49
			Coho						19	62	83	25				189
			Total						49	81	83	31				244
	Stillaguamish River	872	Chinook						1	1						2
			Chum						78	47	12	6				143
			Pink						66	14,797	3,093	18				17,974
			Coho						1,022	1,101	60					2,183
			Total						66	15,910	4,278	90	6			20,350
	Sultan River	854	Pink						83							83
			Jackcoho								12					12
			Total							83	12					95
	Tolt River	858	Pink						18							18
			Total							18						18
	Tahuya River	878	Coho						95	209						304
			Total						95	209						304
Puget Sound System Totals			Chinook			212	175	6,391	6,256	1,341	60	6			14,441	
			Chum					97	800	2,279	6,058	1,276		78	10,588	
			Pink			18	87,179	211,765	32,022	721					331,705	
			Coho					3,115	22,269	14,509	1,189	103			41,185	
			Sockeye					12							12	
			Jackchin			55	32	875	1,745	218					2,925	
			Jackcoho					279	1,030	510	6	1			1,826	
			Total			267	225	97,936	243,877	50,879	8,034	1,386	78		402,682	

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

UNKNOWN AREAS																
System	Stream	CRC Code	Species	2009									2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Unknown Area Totals			Chinook	209	78	39	316	466	641	384	65	42	39	13	92	2,384
			Chum					20	100	74	186	21				401
			Pink				276	3,562	4,976	1,023	26					9,863
			Coho			26	483	863	1,318	791	132	35	7			3,655
			Sockeye		12		24	106	47		6					195
			Jackchin		43	6	12	68	92	31						252
			Jackcoho				7		81	40	7					135
			Total	209	133	71	1,118	5,085	7,255	2,343	422	98	46	13	92	16,885

Table 23. 2009-2010 Freshwater Salmon Sport Catch by Area and Month (continued)

STATEWIDE TOTALS																
System	Stream	CRC Code	Species	2009									2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Statewide Totals			Chinook	8,445	5,412	3,243	3,864	16,389	25,106	10,818	551	91	39	106	4,094	78,158
			Chum					117	900	2,353	6,244	1,297	78			10,989
			Pink				294	90,748	216,742	33,045	747					341,576
			Coho			26	683	22,086	42,754	50,204	8,520	2,555	126			126,954
			Sockeye		12	422	3,056	4,068	113	18	6					7,695
			Jackchin	923	3,702	1,946	1,313	2,161	5,429	2,263	59	39			8	17,843
			Jackcoho				13	345	2,306	1,992	225	7	6	6		4,900
			Total	9,368	9,126	5,637	9,223	135,914	293,350	100,693	16,352	3,989	249	112	4,102	588,115

Table 24. 2009-2010 Washington Sport Salmon Fishing, by Residence

County of Residence	Number Catch Record Cards	Population by County	% Catch Record Card Holders	Total Freshwater Salmon Catch	Total Marine Salmon Catch	Total Salmon	Average Catch per Card
Adams	2,086	17,732	11.8	550	612	1,162	0.56
Asotin	3,185	21,432	14.9	285	88	373	0.12
Benton	22,496	168,294	13.4	5,956	4,095	10,051	0.45
Chelan	9,177	72,372	12.7	6,109	2,629	8,738	0.95
Clallam	11,877	71,413	16.6	4,931	30,979	35,910	3.02
Clark	49,712	432,002	11.5	30,778	16,777	47,555	0.96
Columbia	773	4,040	19.1	154	365	519	0.67
Cowlitz	23,492	101,966	23.0	20,021	7,627	27,648	1.18
Douglas	4,381	37,565	11.7	2,853	1,667	4,520	1.03
Ferry	445	7,520	5.9	497	255	752	1.69
Franklin	8,475	77,355	11.0	2,362	1,422	3,784	0.45
Garfield	467	2,101	22.2	243	98	341	0.73
Grant	6,646	88,098	7.5	2,990	2,540	5,530	0.83
Grays Harbor	13,330	71,797	18.6	9,158	16,793	25,951	1.95
Island	16,162	81,054	19.9	5,784	32,782	38,566	2.39
Jefferson	5,037	29,676	17.0	1,462	7,030	8,492	1.69
King	121,283	1,916,441	6.3	114,563	100,446	215,009	1.77
Kitsap	25,263	240,862	10.5	7,897	24,881	32,778	1.3
Kittitas	3,639	39,532	9.2	965	2,832	3,797	1.04
Klickitat	3,849	20,554	18.7	2,487	147	2,634	0.68
Lewis	13,678	74,741	18.3	9,975	7,118	17,093	1.25
Lincoln	917	10,248	8.9	473	507	980	1.07
Mason	8,203	58,016	14.1	4,215	8,762	12,977	1.58
Okanogan	5,537	40,552	13.7	2,711	489	3,200	0.58
Pacific	4,907	21,272	23.1	5,091	8,037	13,128	2.68
Pend Oreille	658	12,946	5.1	172	208	380	0.58
Pierce	81,228	796,836	10.2	117,387	53,728	171,115	2.11
San Juan	2,346	15,484	15.2	426	2,102	2,528	1.08
Skagit	23,043	119,534	19.3	42,339	7,353	49,692	2.16
Skamania	1,730	10,894	15.9	1,302	372	1,674	0.97
Snohomish	82,521	694,571	11.9	97,069	66,698	163,767	1.98
Spokane	21,771	468,684	4.6	6,465	5,228	11,693	0.54
Stevens	2,125	42,334	5.0	936	1,133	2,069	0.97
Thurston	27,112	250,979	10.8	20,992	21,189	42,181	1.56
Wahkiakum	1,387	4,062	34.1	1,267	213	1,480	1.07
Walla Walla	6,508	59,059	11.0	870	764	1,634	0.25
Whatcom	20,708	200,434	10.3	17,322	4,883	22,205	1.07
Whitman	2,802	42,689	6.6	261	438	699	0.25
Yakima	22,742	239,054	9.5	8,359	6,145	14,504	0.64
Unknown WA	1,726			1,545	1,047	2,592	1.5
Washington Total	663,424	6,664,195	10.0	559,222	450,479	1,009,701	1.52
Other State Total	63,311			28,428	35,967	64,395	1.02
Canada	2,047			231	335	566	0.28
Other	538			231	45	276	0.51
Grand Total	729,320			588,112	486,826	1,074,938	1.47

Note: The figures do not accurately multiply across because of the bias adjustment factor and rounding of numbers.

Source: Table 1: Annual Estimates of the Resident Population for Counties of Washington: April 1, 2000 to July 1, 2009 (CO-EST2009-01-53). Source: Population Division, U.S. Census Bureau. Release Date: March, 2010.

Table 25. 2009-2010 Frequency Distribution of Estimated Salmon Catch Record Cards and Catch

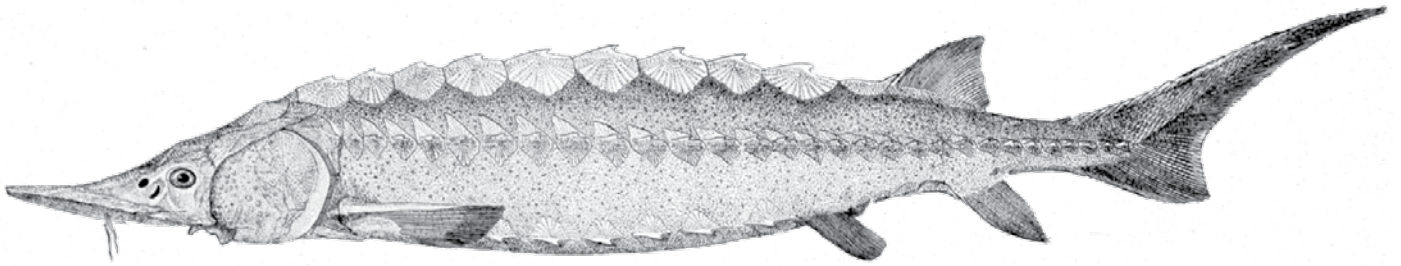
#Salmon per Catch Record Card	Number of Cards	Cumulative Number of Cards	Percent Cards	Cumulative Percent Cards	Total Catch	Cumulative Total Catch	Percent Catch	Cumulative Percent Catch
0	565,439	565,439	77.53%	77.53%	0	0	0.00%	0.00%
1	30,389	595,828	4.17%	81.70%	30,389	30,389	2.83%	2.83%
2	32,030	627,858	4.39%	86.09%	64,060	94,449	5.96%	8.79%
3	14,747	642,605	2.02%	88.11%	44,241	138,690	4.12%	12.91%
4	16,770	659,375	2.30%	90.41%	67,080	205,770	6.24%	19.15%
5	8,680	668,055	1.19%	91.60%	43,400	249,170	4.04%	23.19%
6	8,084	676,139	1.11%	92.71%	48,506	297,674	4.51%	27.70%
7	5,852	681,991	0.80%	93.51%	40,961	338,638	3.81%	31.51%
8	5,882	687,873	0.81%	94.32%	47,056	385,694	4.38%	35.89%
9	4,188	692,061	0.57%	94.89%	37,694	423,386	3.51%	39.40%
10	3,723	695,784	0.51%	95.40%	37,230	460,616	3.46%	42.86%
11	3,377	699,161	0.46%	95.86%	37,147	497,763	3.46%	46.32%
12	3,233	702,394	0.44%	96.31%	38,796	536,559	3.61%	49.93%
13	2,595	704,989	0.36%	96.66%	33,735	570,294	3.14%	53.07%
14	2,243	707,232	0.31%	96.97%	31,402	601,696	2.92%	55.99%
15	2,494	709,726	0.34%	97.31%	37,410	639,106	3.48%	59.47%
16	1,999	711,725	0.27%	97.59%	31,984	671,090	2.98%	62.45%
17	1,432	713,157	0.20%	97.78%	24,344	695,434	2.26%	64.71%
18	1,336	714,493	0.18%	97.97%	24,048	719,482	2.24%	66.95%
19	1,354	715,847	0.19%	98.15%	25,726	745,208	2.39%	69.34%
20	1,163	717,010	0.16%	98.31%	23,260	768,468	2.16%	71.50%
21	1,104	718,114	0.15%	98.46%	23,184	791,652	2.16%	73.66%
22	1,062	719,176	0.15%	98.61%	23,364	815,016	2.17%	75.83%
23	1,038	720,214	0.14%	98.75%	23,874	838,890	2.22%	78.05%
24	1,092	721,306	0.15%	98.90%	26,208	865,098	2.44%	80.49%
25	1,235	722,541	0.17%	99.07%	30,875	895,973	2.87%	83.36%
26*	6,013	728,554	0.82%	99.90%	156,338	1,052,311	14.54%	97.90%
27	364	728,918	0.05%	99.95%	9,828	1,062,139	0.91%	98.81%
28	143	729,061	0.02%	99.96%	4,004	1,066,143	0.37%	99.18%
29	84	729,145	0.01%	99.98%	2,436	1,068,579	0.23%	99.41%
30	36	729,181	0.00%	99.98%	1,080	1,069,659	0.10%	99.51%
31	42	729,223	0.01%	99.99%	1,302	1,070,961	0.12%	99.63%
32	30	729,253	0.00%	99.99%	960	1,071,921	0.09%	99.72%
33	6	729,259	0.00%	99.99%	198	1,072,119	0.02%	99.74%
35	12	729,271	0.00%	99.99%	420	1,072,539	0.04%	99.78%
39	6	729,277	0.00%	99.99%	234	1,072,773	0.02%	99.80%
41	12	729,289	0.00%	100.00%	492	1,073,265	0.05%	99.85%
45	6	729,295	0.00%	100.00%	270	1,073,535	0.03%	99.88%
47	6	729,301	0.00%	100.00%	282	1,073,817	0.03%	99.91%
50	6	729,307	0.00%	100.00%	300	1,074,117	0.03%	99.94%
52	6	729,313	0.00%	100.00%	312	1,074,429	0.03%	99.97%
84	6	729,319	0.00%	100.00%	504	1,074,933	0.03%	100.00%
Total	729,319		100.00%		1,074,938		100.00%	

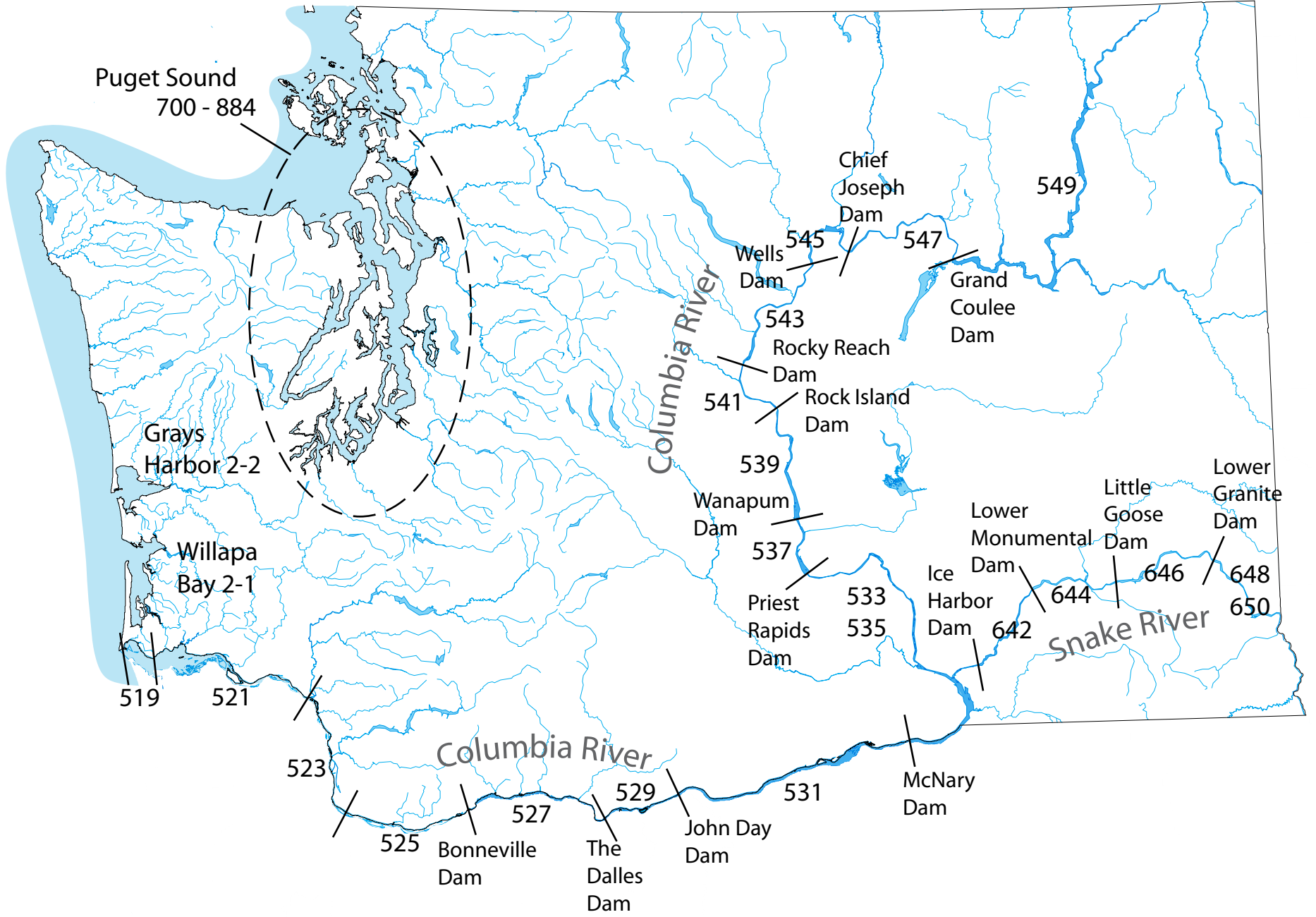
*Note: A single card has room for twenty-six salmon entries. Cards showing more than that were filled out correctly, with more than one salmon per line.

Table 26. 2009-2010 Sport Salmon Inventory of Catch Record Cards Received

Response Type	With Catch		No catch		Total Cards & Letters	Number of Salmon			Catch per Card		
	Catch Records	Reminder Letters	Catch Records	Reminder Letters		Catch Records	Reminder Letters	Total	Catch Records	Reminder Letters	Total
Prior to reminder	3,364		5,301		8,665	23,107		23,107	2.67		2.67
After reminder postcard	17,449		32,551		50,000	119,841		119,841	2.40		2.40
After 1st reminder letter	3,582	2,167	4,125	31,798	41,672	25,086	8,955	34,041	3.25	0.26	0.82
From license dealer	918		553		1,471	3,197		3,197	2.17		2.17
Total	25,313	2,167	42,530	31,798	101,808	171,231	8,955	180,186	2.52	0.26	1.77

Sturgeon





DESCRIPTION OF STURGEON CATCH RECORD CARD AREAS

Columbia River

519	Buoy 10 to Megler - Astoria Bridge
521	Megler - Astoria Bridge to Longview Bridge
523	Longview Bridge to I-5 Bridge
525	I-5 Bridge to Bonneville Dam
527	Bonneville to the Dalles Dam
529	The Dalles Dam to John Day Dam
531	John Day to McNary Dam
533	McNary Dam to Pasco
535	Pasco to Priest Rapids Dam
537	Priest Rapids Dam to Wanapum Dam
539	Wanapum to Rock Island Dam
541	Rock Island to Rocky Reach Dam
543	Rocky Reach to Wells Dam
545	Wells to Chief Joseph Dam
547	Chief Joseph to Grand Coulee Dam
549	Grand Coulee Dam to Canadian Border

Snake River

640	Below Ice Harbor Dam
642	Ice Harbor to Lower Monumental Dam
644	Lower Monumental to Little Goose Dam
646	Little Goose to Lower Granite Dam
648	Lower Granite to Clarkston
650	Upstream of Interstate Bridge, Clarkston

Other - including Puget Sound

2-1	Willapa Bay
2-2	Grays Harbor
700 - 884	Puget Sound

Table 27. 2009-2010 Sport Sturgeon Catch, by Area and Month

COASTAL RIVER SYSTEMS															
Catch Area	Species	2009										2010			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Area 2-1: Willapa Bay	White				7							7	22	7	43
Chehalis R. below Black R.	White			14	22	36	7						7	7	93
Naselle River	White	14	14	36	43	7					29	58	29	14	244
Willapa River	White		7	7	7	7					14	22	29		93
Total	White	14	21	57	79	50	7				43	87	87	28	473

Table 27. 2009-2010 Sport Sturgeon Catch, by Area and Month (continued)

COLUMBIA RIVER SYSTEMS															
Catch Area	Species	2009										2010			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Columbia R 01: Buoy 10 to Megler-Astoria Bridge	White		328	2,637	932										3,897
	Green			1	1										2
Columbia R 02: Megler-Astoria Bridge to Longview Bridge	White	16	467	2,679	971			18						1	4,152
	Green			1											1
Columbia R 03: Longview Br. to I-5 Bridge	White	4	229	35	84			147	20	4	18	17	12	570	
Columbia R 04: I-5 Bridge to Bonneville Dam	White	23	356	17	14			681	160	3			58	1,312	
Columbia R 05: Bonneville to The Dalles Dam	White	14	72								20	501		607	
Columbia R 06: The Dalles to John Day Dam	White	7									7	7	7	28	
Columbia R 07: John Day to McNary Dam	White	39										41		80	
Columbia R 08: McNary Dam - Hwy 395 Bridge in Pasco	White			14	22	7				7		7		57	
Columbia R 09: Hwy 395 Bridge to Priest Rapids Dam	White	7		14	43	14	43	7	7		14		7	156	
Cowlitz R. below Mayfield Dam	White		29	7	7			7	22	7	22	29	22	152	
Lewis River, No. Fork	White												7	7	

Table 27. 2009-2010 Sport Sturgeon Catch, by Area and Month (continued)

COLUMBIA RIVER SYSTEMS														
Catch Area	Species	2009									2010			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Snake R 1: Below Ice Harbor Dam	White			22										22
Snake R 2: Ice Harbor to Lower Monumental Dam	White	7		7	43	36								93
Snake R 3: Lower Monumental to Little Goose Dam	White			58	43	7	7							115
Snake R 4: Little Goose to Lower Granite Dam	White		79	22	22	14	7							144
Columbia River Systems Total	White	117	1,560	5,512	2,174	78	57	860	216	14	81	602	114	11,385
	Green			2	1									3
	Total	117	1,560	5,514	2,175	78	57	860	216	14	81	602	114	11,388

Table 27. 2009-2010 Sport Sturgeon Catch, by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS														
Catch Area	Species	2009									2010			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Area 8-1: Skagit Bay-Saratoga Passage	White		14									7		21
Area 8-2: Port Susan-Port Gardner	White	137	201	58	7	7				7	14	108	115	654
Skagit River	White			7		7							7	21
Snohomish River	White			7		7				7		14	29	71
Stillaguamish River	White	15		8		30	15	15			15	23	23	144
Total	White	152	215	80	7	51	15	15	7	21	29	152	167	911

Table 27. 2009-2010 Sport Sturgeon Catch, by Area and Month (continued)

UNKNOWN RIVER SYSTEMS															
Catch Area	Species	2009										2010			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Unknown Area Totals	White	14	43	259	129			43	29	7	29	22	22	597	

Table 27. 2009-2010 Sport Sturgeon Catch, by Area and Month (continued)

STATEWIDE TOTALS															
Catch Area	Species	2009										2010			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Statewide Totals	White	297	1839	5908	2389	179	79	918	252	85	226	863	331	13,366	
	Green			2	1									3	
	Total	297	1,839	5,910	2,390	179	79	918	252	85	226	863	331	13,369	

Table 28. 2009-2010 Washington Sport Sturgeon Fishing, by Residence

County of Residence	Number Catch Record Cards	Population by County	% Catch Record Holders	Total Sturgeon	Average Catch per Catch Record Card
Adams	2,086	17,732	11.8	13	0.01
Asotin	3,185	21,432	14.9	32	0.01
Benton	22,496	168,294	13.4	240	0.01
Chelan	9,177	72,372	12.7	39	0.00
Clallam	11,877	71,413	16.6	130	0.01
Clark	49,701	432,002	11.5	2,255	0.05
Columbia	773	4,040	19.1	20	0.03
Cowlitz	23,492	101,966	23.0	1,458	0.06
Douglas	4,381	37,565	11.7	13	0.00
Ferry	445	7,520	5.9		
Franklin	8,475	77,355	11.0	124	0.01
Garfield	467	2,101	22.2	6	0.01
Grant	6,646	88,098	7.5	45	0.01
Grays Harbor	13,330	71,797	18.6	421	0.03
Island	16,162	81,054	19.9	71	0.00
Jefferson	5,037	29,676	17.0	104	0.02
King	121,288	1,916,441	6.3	1,095	0.01
Kitsap	25,263	240,862	10.5	169	0.01
Kittitas	3,639	39,532	9.2	20	0.01
Klickitat	3,849	20,554	18.7	169	0.04
Lewis	13,678	74,741	18.3	610	0.04
Lincoln	917	10,248	8.9	13	0.01
Mason	8,203	58,016	14.1	227	0.03
Okanogan	5,537	40,552	13.7	20	0.00
Pacific	4,907	21,272	23.1	1,062	0.22
Pend Oreille	658	12,946	5.1	20	0.03
Pierce	81,209	796,836	10.2	1,017	0.01
San Juan	2,346	15,484	15.2	59	0.03
Skagit	23,043	119,534	19.3	78	0.00
Skamania	1,730	10,894	15.9	91	0.05
Snohomish	82,521	694,571	11.9	966	0.01
Spokane	21,771	468,684	4.6	240	0.01
Stevens	2,125	42,334	5.0	20	0.01
Thurston	27,112	250,979	10.8	344	0.01
Wahkiakum	1,387	4,062	34.1	71	0.05
Walla Walla	6,508	59,059	11.0	130	0.02
Whatcom	20,708	200,434	10.3	84	0.00
Whitman	2,800	42,689	6.6	13	0.00
Yakima	22,742	239,054	9.5	363	0.02
Unknown WA	1,753			39	0.02
Washington Total	663,424	6,664,195	10.0	11,891	0.02
Other State Total	63,311			1,478	0.02
Canada	2,047				
Other	538				
Grand Total	729,320			13,369	0.02

Note: The figures do not accurately multiply across because of the bias adjustment factor and rounding of numbers.
 Source: Table 1: Annual Estimates of the Resident Population for Counties of Washington: April 1, 2000 to July 1, 2009 (CO-EST2009-01-53). Source: Population Division, U.S. Census Bureau. Release Date: March, 2010.

Table 29. 2009-2010 Frequency Distribution of Estimated Sturgeon Catch Record Cards and Catch

#Sturgeon per Catch Record Card	Number of Cards	Cumulative Number of Cards	Percent Cards	Cumulative Percent Cards	Total Catch	Cumulative Total Catch	Percent Catch	Cumulative Percent Catch
0	720,456	720,456	98.8%	98.8%	0	0	0.0%	0.0%
1	6,119	726,575	0.8%	99.6%	6,119	6,119	45.8%	45.8%
2	1,608	728,183	0.2%	99.8%	3,216	9,335	24.1%	69.8%
3	671	728,854	0.1%	99.9%	2,013	11,348	15.1%	84.9%
4	304	729,158	0.0%	100.0%	1,216	12,564	9.1%	94.0%
5	161	729,319	0.0%	100.0%	805	13,369	6.0%	100.0%
Total	729,319		100.0%		13,369		100.0%	

Table 30. 2009-2010 Sport Sturgeon Inventory of Catch Record Cards Received

Response Type	With Catch		No catch		Total Cards & Letters	Number of Sturgeon			Catch per Card		
	Catch Records	Reminder Letters	Catch Records	Reminder Letters		Catch Records	Reminder Letters	Total	Catch Records	Reminder Letters	Total
Prior to reminder	64		8,602		8,666	99		99	0.01		0.01
After reminder postcard	896		48,817		49,713	1,402		1,402	0.03		0.03
After 1st reminder letter	208	140	7,499	33,826	41,673	289	204	493	0.04	0.01	0.01
From license dealer	65		1,406		1,471	77		77	0.05		0.05
Total	1,233	140	66,324	33,826	101,523	1,867	204	2,071	0.03	0.01	0.02

Steelhead

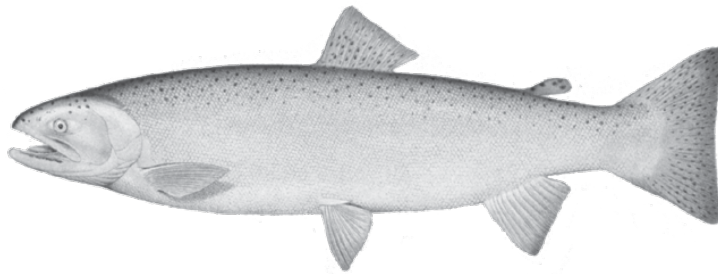


Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month

COASTAL RIVERS AND MARINE CATCH AREAS																		
System	Water	Race	Mark	2009									2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Bear R. System	Bear River (Pacific Co.)	W	Marked											2				2
Chehalis R. System *	Black River (Thurston Co.)	S	Marked						7									7
	Cedar Creek (Grays Harbor Co.)	S	Marked				4	14										18
	Chehalis R. above Black R.	S	Marked				7											7
		W	Marked										2		54	77	27	160
	Chehalis R. below Black R.	S	Marked			4		4	7	18								33
		W	Marked										5		163	110	50	328
	Chehalis River, So. Fork	W	Marked											5	2	5	12	
	Newaukum River	S	Marked									4						4
		W	Marked												8	13	8	29
	Satsop River	S	Marked			4				14								18
		W	Marked									2	22		177	314	164	679
	Satsop River, West Fork	S	Marked							14								14
		W	Marked										2		40	47	5	94
	Skookumchuck River	S	Marked					4		7								11
		W	Marked									2	12		162	241	450	867
	Van Winkle Creek	S	Marked			4	32	32	7									75
		W	Marked												2			2
Wishkah River	S	Marked			4				7								11	
	W	Marked									10				2		12	
Wynoochee River	S	Marked			396	460	350	178	25								1,409	
	W	Marked									2	178		450	450	223	1,303	
Chehalis R. System Totals	S	Marked			408	507	404	199	89								1,607	
	W	Marked									16	221		1,061	1,256	932	3,486	
Copalis R. System *	Copalis River	S	Marked					3									3	
		W	Marked									2	2	4			8	

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																	
System	Water	Race	Mark	2009									2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Goodman Cr. System *	Goodman Creek (Jefferson Co.)	S	Marked							3						3	
		W	Marked								2	11	9	2		24	
Hoh R. System *	Hoh River above Hwy 101	S	Marked					13	7	22						42	
		W	Marked								9	61	19	31	12	132	
			Unmarked												9	9	
		Total									9	61	19	31	21	141	
	Hoh River below Hwy 101	S	Marked			2	7	30	30	26						95	
		W	Marked	5									262	42	139	64	512
			Unmarked	7									5	12	31	78	133
		Total	12									267	54	170	142	645	
	Hoh River, So. Fork	S	Marked					2								2	
		W	Marked										12			12	
Hoh R. System Totals	S	Marked			2	7	45	37	48						139		
	W	Marked	5								9	335	61	170	76	656	
		Unmarked	7									5	12	31	87	142	
	Total	12									9	340	73	201	163	798	
Hoquiam R. System *	Hoquiam River	W	Marked									2		2		4	
Humptulips R. System *	Humptulips River	S	Marked			272	159	114	18	49						612	
		W	Marked									25	102	28	16	40	211
	Humptulips River, E. Fork	S	Marked				2	2		8						12	
		W	Marked										6		6	12	
	Humptulips River, W. Fork	W	Marked									6	3			9	
	Stevens Creek	W	Marked										6	3		9	
	Humptulips R. System Totals	S	Marked			272	161	116	18	57						624	
W		Marked										25	114	37	19	46	241
Joe Creek System *	Joe Creek	W	Marked											2		2	
Johns R. System *	Johns River	W	Marked												2	2	
Kalaloch Cr. System *	Kalaloch Creek	S	Marked				3									3	

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																
System	Water	Race	Mark	2009									2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Marine Water	Area 1: Col R - Ledbetter	S	Marked				7	28	28							63
	Area 2-1: Willapa Bay	S	Marked					14	7							21
		W	Marked										4			4
	Marine Water Totals	S	Marked				7	42	35							84
W		Marked										4			4	
Marine Water *	Area 2: Westport	S	Marked			14									14	
	Area 2-2: Grays Harbor	S	Marked				14	14		21					49	
	Area 3: La Push	S	Marked						7						7	
		W	Marked										8		8	
	Marine Water Totals	S	Marked			14	14	14	7	21					70	
W		Marked										8		8		
Mosquito Cr. System *	Mosquito Creek (Jefferson Co.)	W	Marked										2		2	
Naselle R. System	Naselle River	S	Marked					3							3	
		W	Marked								7	84	29	2	122	
	Salmon Creek (Pacific Co.)	S	Marked			3			10						13	
		W	Marked									2		2	4	
	Naselle R. System Totals	S	Marked			3		3	10						16	
W	Marked									7	86	29	4	126		
Nemah R. System	Nemah River	S	Marked							3					3	
		W	Marked								2	18	20	13	4	57
North R. System	North River	S	Marked							3					3	
		W	Marked									4	20	16	7	47
	Smith Creek (Pacific Co.)	S	Marked							10					10	
		W	Marked									32	5	11		48
	North R. System Totals	S	Marked							13					13	
W	Marked										36	25	27	7	95	

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																		
System	Water	Race	Mark	2009									2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Palix R. System	Niawiakum River	S	Marked						7	3							10	
		W	Marked										14				14	
	Palix River	S	Marked							10							10	
		W	Marked										2				2	
	Palix R. System Totals	S	Marked							7	13						20	
		W	Marked										16				16	
Queets R. System *	Clearwater River	W	Marked										9	11	20	26	66	
			Unmarked											4	4	29	37	
			Total										9	15	24	55	103	
	Queets River	S	Marked				3	20	14	10							47	
			W	Marked									4	150	15	30	199	
	Salmon River (Jefferson Co.)	S	Marked					10	7	17							34	
			W	Marked	2									32	118	26	11	189
	Queets R. System Totals	S	Marked				3	30	21	27							81	
				W	Marked	2							36	277	52	61	26	454
					Unmarked											4	4	29
	Queets R. System Totals	W	Total	2									36	277	56	65	55	491
				Bogachiel River	S	Marked			17	2	15	15	17					66
W						Marked	10							147	2,471	243	55	50
Bogachiel River	W	Unmarked	12										20	7	15	45	99	
		Total	22									147	2,491	250	70	95	3,075	
		Calawah River	S	Marked			74	74	59	65	65							337
W	Marked			2							60	276	25	8	27	398		
Calawah River	W	Unmarked	5											12	30	47		
		Total	7									60	276	25	20	57	445	
		Dickey River (Clallam Co.)	W	Marked										7	5	7	5	24
Unmarked														5	2	7		
Total												7	5	12	7	31		

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																	
System	Water	Race	Mark	2009									2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Quillayute R. System (cont.)	Quillayute River	S	Marked				2		4	2						8	
		W	Marked								7	192	77	23	12	311	
			Unmarked										5	12	30	47	
			Total								7	192	82	35	42	358	
	Sol Duc River	S	Marked		6	38	42	8	42	25						161	
		W	Marked	28									38	165	163	98	492
			Unmarked	12									5	35	47	57	156
			Total	40									43	200	210	155	648
	Quillayute R. System Totals	S	Marked		6	129	120	82	126	109						572	
		W	Marked	40								214	2,984	515	256	192	4,201
			Unmarked	29									25	47	91	164	356
			Total	69								214	3,009	562	347	356	4,557
Quinault R. System *	Cook Creek	S	Marked					4							4		
		W	Marked								9		6		15		
	Quinault Lake	S	Marked			12		4							16		
		W	Marked										6	6	38	50	
	Quinault R, Upper (above L. Quinault)	S	Marked						8						8		
		W	Marked										3	13	25	41	
			Unmarked	3									3	6	12	38	62
	Total	3										3	9	25	63	103	
	Quinault R. System Totals	S	Marked			12		8	8							28	
		W	Marked									9		15	19	63	106
			Unmarked	3									3	6	12	38	62
			Total	3								9	3	21	31	101	168
Waatch River *	Waatch River	W	Marked									2	9	2	13		
Willapa R. System	Willapa R, So. Fork	W	Marked									27	29	8	64		
		S	Marked					4	4						8		
	W		Marked								29	239	82	58	27	435	
	Willapa R. System Totals	S	Marked					4	4						8		
W	Marked								29	266	111	66	27	499			

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																		
System	Water	Race	Mark	2009										2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Coastal Rivers/Streams and Marine Catch Area Totals	S	Marked		6	840	822	747	472	387								3,274	
			W	Marked	47							353	4,376	1,949	1,904	1,377	10,006	
				Unmarked	39									33	69	138	318	597
				Total	86									353	4,409	2,018	2,042	1,695

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																	
System	Water	Race	Mark	2009										2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Abernathy Cr. System	Abernathy Creek	S	Marked					7								7	
		W	Marked										7	43	38	88	
Coal Cr. System	Coal Creek (Cowlitz Co.)	S	Marked				4									4	
Columbia R. Mainstem	Columbia R 01: Buoy 10 to Tongue Pt.-Rocky Pt.	S	Marked			3	13	68	8							92	
		W	Marked	3							8		6	3		20	
	Columbia R 02: Tongue Pt. Rocky Pt. to Longview Br.	S	Marked		12	1,897	3,731	2,907	185	32						8,764	
		W	Marked	146							16	19	8	22	203	414	
	Columbia R 03: Longview Br. to I-5 Br.	S	Marked		2	118	1,786	3,306	263	39						5,514	
		W	Marked	49							8	19	5	11	55	147	
	Columbia R 04: I-5 Br. to Bonneville Dam	S	Marked			30	613	557	74	12						1,286	
		W	Marked	25								5	41	19	36	126	
Columbia R 05: Bonneville to The Dalles Dam	S	Marked			10	352	706	84	57	5	2	10	15	7	1,248		

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																	
System	Water	Race	Mark	2009									2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Columbia R. Mainstem (cont.)	Columbia R 06: The Dalles to John Day Dam	S	Marked	7		10	39	79	32	25	37	81	158	173	54	695	
	Columbia R 07: John Day to McNary Dam	S	Marked	10			7	12	32	352	224	74	148	199	89	1,147	
	Columbia R 08: McNary Dam - Hwy 395 Bridge @ Pasco	S	Marked	5			32	190	935	2,260	785	423	214	130	59	5,033	
	Columbia R 09: Hwy 395 Bridge to Priest Rapids Dam	S	Marked	211	7				457	1,896	1,075	317	472	504	649	5,588	
	Columbia R 10: Priest Rapids to Wanapum Dam	S	Marked												1	1	
	Columbia R 11: Wanapum to Rock Island Dam	S	Marked						1							1	
	Columbia R 12: Rock Island to Rocky Reach Dam	S	Marked	1						25	177	12	27	47	5	5	299
	Columbia R 13: Rocky Reach to Wells Dam	S	Marked				2			25	226	226	177	130	78	133	997
	Columbia R 14: Wells to Chief Joseph Dam	S	Marked							57	822	704	474	190	168	126	2,541
	Columbia R. Mainstem Totals	S	Marked	234	21	2,068	6,575	7,825	2,177	5,899	3,068	1,575	1,369	1,272	1,123	33,206	
	W	Marked	223									37	79	38	36	294	707

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																		
System	Water	Race	Mark	2009									2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Cowlitz R. System	Blue Creek (Lewis Co.)	W	Marked										50	17		67		
	Coweeman River	S	Marked			2	2	5	9	2						20		
		W	Marked										11	17	13	9	50	
	Cowlitz R. below Mayfield Dam	S	Marked		357	1,109	2,359	2,973	765	437							8,000	
		W	Marked	1,687									339	1,771	831	994	3,668	9,290
	Cowlitz R. between Mayfield & Cowlitz Falls Dams	S	Marked		16		25	5	2	5							53	
		W	Marked	4									4	11	6	6	4	35
	Cowlitz R. above Cowlitz Falls Dam	S	Marked			2	7	2		7							18	
		W	Marked	2									9			9	20	
	Green River (Cowlitz Co.)	S	Marked		9	191	75	5	14	32							326	
		W	Marked										15		6	2	23	
	Lacamas Creek (Lewis Co.)	W	Marked	2												2		4
	Olequa Creek (Cowlitz Co.)	S	Marked						2	5							7	
		W	Marked												2		2	4
	Tilton River	S	Marked			2											2	
		W	Marked										2	2			4	8
	Toutle River	S	Marked			2	18	7	5								32	
		W	Marked												2			2
	Toutle River, No. Fork	S	Marked				2		7	2							11	
		W	Marked										6				6	
Toutle River, So. Fork	S	Marked		59	152	105	23	123	18							480		
	W	Marked										26	2			2	30	
Cowlitz R. System Totals	S	Marked		441	1,458	2,595	3,020	927	508							8,949		
	W	Marked	1,695									386	1,812	858	1,021	3,700	9,472	
Deep R. System (Wahkiakum)	S	Marked					4									4		
	W	Marked													2		2	

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																	
System	Water	Race	Mark	2009									2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Elochoman R. System	Elochoman River	S	Marked			4	2		2	14						22	
		W	Marked								49	187	55	49	34	374	
Entiat R. System	Entiat River	S	Marked						5	39	55	3	21	18	29	170	
Germany Cr. System	Germany Creek	S	Marked			4										4	
		W	Marked										10	24	14	48	
Grande Ronde R. System	Grande Ronde River	S	Marked	90		3	3	5	92	1,593	1,595	141	1,313	3,856	4,033	12,724	
Grays R. System	Grays River	W	Marked									44	24	21	21	110	
	Grays River, West Fork	W	Marked									50	26	6		82	
	Grays R. System Totals	W	Marked									94	50	27	21	192	
Kalama R. System	Kalama River above Kalama Falls Hatchery	S	Marked			6	6		3	3						18	
		W	Marked	3								5	3	3	3	17	
	Kalama River below Kalama Falls Hatchery	S	Marked		198	455	739	646	488	236							2,762
		W	Marked	172								196	273	237	316	461	1,655
	Kalama R. System Totals	S	Marked		198	461	745	646	491	239							2,780
W		Marked		175							196	278	240	319	464	1,672	
Klickitat R. System	Klickitat River below Fishway 5	S	Marked		48	320	315	554	408	335						1,980	
		W	Marked	15								137	9			161	
Lewis R. System	Cedar Creek (Clark Co.)	S	Marked						2	2						4	
	Lewis River (below E. Fork)	S	Marked		95	121	143	295	40	18						712	
		W	Marked	7								16	85	42	10	3	163
	Lewis River, E. Fork	S	Marked		91	74	38	38	29	36						306	
		W	Marked	32								68	360	149	19	26	654
	Lewis River, No. Fork	S	Marked		181	599	1,571	1,287	612	183						4,433	
W		Marked	46								98	1,422	830	290	111	2,797	
Lewis R. System Totals	S	Marked		367	794	1,752	1,620	683	239						5,455		
	W	Marked		85							182	1,867	1,021	319	140	3,614	

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																
System	Water	Race	Mark	2009									2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Little White Salmon R. Sys.	Little White Salmon River & Drano Lake	S	Marked	9	19	23	812	7,835	3,924	112	2	2	2	2	9	12,751
Methow R. System	Methow River	S	Marked						381	2,844	1,050	88	553	710	684	6,310
Mill Cr. (Lewis Co.)	Mill Creek (Lewis Co.)	S	Marked						9	9						18
		W	Marked	2												2
Mill Cr. System (Cowlitz)	Mill Creek (Cowlitz Co.)	S	Marked			2	2	4								8
		W	Marked									7	2	7	2	18
Okanogan R. System	Okanogan River	S	Marked						73	1,068	547	97	597	1,582	1,112	5,076
	Similkameen River	S	Marked						21	93	29		108	230	901	1,382
	Okanogan R. System Totals	S	Marked						73	1,089	640	126	705	1,812	2,013	6,458
Rock Cr. System (Skamania)	Rock Creek (Skamania Co.)	S	Marked			2										2
Salmon Cr. System (Clark)	Salmon Creek (Clark Co.)	S	Marked							7						7
		W	Marked									53	26	57	18	154
Skamokawa Cr. System	Skamokawa Creek	S	Marked							11						11
Snake R. Mainstem	Snake R 1: below Ice Harbor Dam	S	Marked						37	121	59	74	54			345
	Snake R 2: Ice Harbor to Lower Monumental Dam	S	Marked						798	1,621	611	463	293	278	367	4,431
	Snake R 3: Lower Monumental to Little Goose Dam	S	Marked						1,017	1,436	522	475	251	458	367	4,526
	Snake R 4: Little Goose to Lower Granite Dam	S	Marked						426	359	180	163	180	268	305	1,881

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																
System	Water	Race	Mark	2009								2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Snake R. Mainstem (cont.)	Snake R 5: Lower Granite Dam to Interstate Bridge, Clarkston	S	Marked						1,692	1,674	793	391	364	170	106	5,190
	Snake R 6: upstream of the Interstate Bridge, Clarkston	S	Marked						581	5,027	1,926	510	670	143	17	8,874
	Snake R. Mainstem Totals	S	Marked						4,551	10,238	4,091	2,076	1,812	1,317	1,162	25,247
Tucannon R. System	Tucannon River	S	Marked			2	40	95	227	409	237	61	49	76	64	1,260
Walla Walla R. System	Mill Creek (Walla Walla Co.)	S	Marked								31					31
	Touchet River	S	Marked				8			8	31	14	106	189	103	459
	Walla Walla River	S	Marked					3	117	348	120	14	67	64	53	786
	Walla Walla R. System Totals	S	Marked				8	3	117	356	182	28	173	253	156	1,276
Washougal R. System	Little Washougal River	S	Marked							2						2
	Washougal River	S	Marked			171	369	164	32	17	22					775
		W	Marked			67						52	428	204	47	3
	Washougal River, West Fork	S	Marked			32	24	2								58
		W	Marked											6		
	Washougal R. System Totals	S	Marked			171	401	188	34	17	24					
W		Marked			67						52	428	210	47	3	807
Wenatchee R. System	Icicle Creek	S	Marked						10	20						30
	Wenatchee River	S	Marked			2			141	399	130	65	74	75		886
	Wenatchee R. System Totals	S	Marked			2			151	419	130	65	74	75		916

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																
System	Water	Race	Mark	2009									2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
White Salmon R. System	Big White Salmon River	S	Marked		20	82	582	3,631	2,831	168						7,314
		W	Marked	6							37	226	131	40	15	455
Wind R. System	Wind River above Shipherd Falls	S	Marked		2										2	
	Wind River below Shipherd Falls	S	Marked	8	18		24	609	73	28	4	2		4	770	
	Wind R. System Totals	S	Marked	8	20		24	609	73	28	4	2		4	772	
Columbia River and Tributary System Totals (All non-Boldt)		S	Marked	341	1,305	5,622	13,651	25,892	17,139	24,580	11,054	4,165	6,073	9,391	9,277	128,490
		W	Marked	2,268								1,076	5,090	2,665	1,991	4,743

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																			
System	Water	Race	Mark	2009									2010			Total			
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar				
Marine Water *	Area 5: W Juan de Fuca	S	Marked		8	3				1							12		
		W	Marked								3			3			6		
	Area 6: E Juan de Fuca	W	Marked										5		5		10		
	Area 7: San Juan Islands	S	Marked				1											1	
		W	Marked										2		3			5	
	Area 8-1: Skagit Bay-Saratoga Psg.	W	Marked										3					3	
	Area 9: Admiralty Inlet	S	Marked								1							1	
		W	Marked		3								3	18	24	8	3	59	
	Area 10: N Puget Sound	S	Marked						1									1	
	Area 11: Mid-Puget Sound	W	Marked													4	4		8
Marine Water Totals		S	Marked		8	3	1	1	1	1								15	
		W	Marked	3								9	20	32	15	12		91	
Clallam R. System *	Clallam River	W	Marked										5	2	2			9	
Deep Cr. System (Clallam) *	Deep Creek (Clallam Co.)	W	Marked											5				5	
Dungeness R. System *	Dungeness River	W	Marked										5	2	5	7		19	
Elwha R. System *	Elwha River	W	Marked										192	63	16			271	
Green-Duwamish R. Sys *	Green (Duwamish River) (King Co.)	S	Marked			93	57	61	59	63								333	
			Unmarked						2										2
			Total			93	57	61	61	63									335
	Soos Creek	W	Marked										49	89	92				230
			Unmarked										2						2
			Total										51	89	92				232
		S	Marked			2													2
	W	Marked											3					3	

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																	
System	Water	Race	Mark	2009								2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Green-Duwamish R. Sys (cont.)	Green-Duwamish R. Sys Totals	S	Marked			95	57	61	59	63						335	
			Unmarked						2							2	
			Total			95	57	61	61	63							337
		W	Marked									49	92	92			233
			Unmarked									2					2
			Total									51	92	92			235
Hoko R. System *	Hoko River	W	Marked								10	86	41	6	2	145	
			Unmarked											2	4	2	8
			Total									10	86	43	10	4	153
Lyre R. System *	Lyre River	S	Marked			3	1	3	4	3						14	
		W	Marked								12	92	47	24		175	
Morse Cr. System *	Morse Creek (Clallam Co.)	W	Marked									2		2		4	
Nooksack R. System *	Nooksack River, Mid. Fork	W	Marked											2		2	
	Nooksack River, No. Fork	W	Marked									5	5	7		17	
	Nooksack River, So. Fork	W	Marked										14			14	
	Nooksack River, below North Fork	W	Marked									5	11	7		23	
	Nooksack R. System Totals	W	Marked									10	30	16		56	
Puyallup R. System *	Carbon River	W	Marked									12	7	14		33	
	Puyallup River	S	Marked						1	1						2	
		W	Marked								2	30	21	30		83	
	Puyallup R. System Totals	S	Marked						1	1						2	
		W	Marked								2	42	28	44		116	
Pysht R. System *	Pysht River	W	Marked									2	2	3		7	
			Unmarked											2		2	
			Total									2	2	5		9	

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

PUGET SOUND AND STRAIT OF JUAN DE FUCA RIVER SYSTEMS AND MARINE CATCH AREAS																	
System	Water	Race	Mark	2009									2010			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Sekiu R. System *	Sekiu River	W	Marked											7	14		21
Skagit R. System *	Cascade River	S	Marked				3				23						26
		W	Marked									44	27	63	8	142	
	Sauk River	S	Marked					3									3
		W	Marked										2			2	
	Skagit River	S	Marked				3			3	9						15
		W	Marked									6	77	38	15	136	
	Skagit R. System Totals	S	Marked				6	3	3	32							44
		W	Marked									50	106	101	23	280	
Snohomish R. System *	Pilchuck River (Snohomish System)	S	Marked					7			2						9
		W	Marked										22	20	4	46	
	Raging River	S	Marked				4	4			16						24
		W	Marked									22	22	7		51	
	Skykomish River	S	Marked			11	504	223	163	76	111						1,088
		W	Marked			2							128	444	316	29	2
	Skykomish River, No. Fork	S	Marked				2		4	4	2						12
		W	Marked										13	4		17	
	Skykomish River, So. Fork	S	Marked				4	9	4	7							24
		W	Marked									2	2	2		6	
	Snohomish River	S	Marked				243	22	65	49	13						392
		W	Marked									13	53	37	7	110	
	Snoqualmie River	S	Marked				36	16	45	29	25						151
		W	Marked									55	384	147	37	623	
	Sultan River	S	Marked				4	4	4	2							14
		W	Marked									4	9	7	2	22	
Tokul Creek	S	Marked						2								2	
	W	Marked										26	169	20	215		
Tolt River	S	Marked						2	4							6	
	W	Marked										9	2		11		

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																	
System	Water	Race	Mark	2009								2010			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Snohomish R. System (cont.)	Wallace River	S	Marked			7	2	7	69	36						121	
		W	Marked								61	59	20	4		144	
	Woods Creek	S	Marked						2								2
		W	Marked									2		2			4
	Snohomish R. System Totals	S	Marked			11	800	280	307	242	205						1,845
		W	Marked		2							285	1,045	733	103	2	2,170
Stillaguamish R. System *	Canyon Creek	S	Marked			5										5	
	Pilchuck Creek (Stillaguamish System)	W	Marked									2	2			4	
	Stillaguamish R, No. Fork	S	Marked				2	7	7	11							27
		W	Marked								4	47	13	28			92
	Stillaguamish R, So. Fork	S	Marked							2							2
		W	Marked								2		2				4
	Stillaguamish River	S	Marked					2	36	2							40
		W	Marked									6		2			8
Stillaguamish R. System Totals	S	Marked			5	2	9	43	15							74	
	W	Marked								6	55	17	30			108	
Whatcom Cr. System *	Whatcom Creek	W	Marked								2					2	
Puget Sound, Strait of Juan de Fuca River Systems and Marine Catch Area Totals (All are Boldt Case Areas)	S	Marked			19	906	347	384	353	320						2,329	
		Unmarked							2							2	
		Total			19	906	347	384	355	320						2,331	
	W	Marked		5								428	1,760	1,212	291	16	3,712
		Unmarked									2		2	6	2	12	
		Total		5							430	1,760	1,214	297	18	3,724	

Table 31. 2009-2010 Steelhead Sport Catch, by Area and Month (continued)

UNKNOWN AREA																
System	Water	Race	Mark	2009									2010			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Total Unknown		S	Marked		10	87	185	267	244	267						1,060
		W	Marked	50							200	238	169	200	185	1,042
			Unmarked										3	3	9	15
			Total	50								200	241	172	200	194

Table 32. 2009-2010 Washington Sport Steelhead Fishing, by Residence

County of Residence	Number Catch Record Cards	Population by County	% Catch Record Card Holders	Total Steelhead	Average Catch per Card
Adams	2,086	17,732	11.8	1,207	0.58
Asotin	3,185	21,432	14.9	2,966	0.93
Benton	22,496	168,294	13.4	12,084	0.54
Chelan	9,177	72,372	12.7	3,207	0.35
Clallam	11,877	71,413	16.6	3,148	0.27
Clark	49,701	432,002	11.5	13,152	0.26
Columbia	773	4,040	19.1	1,083	1.40
Cowlitz	23,492	101,966	23.0	15,281	0.65
Douglas	4,381	37,565	11.7	1,592	0.36
Ferry	445	7,520	5.9	379	0.85
Franklin	8,475	77,355	11.0	6,696	0.79
Garfield	467	2,101	22.2	567	1.21
Grant	6,646	88,098	7.5	1,003	0.15
Grays Harbor	13,330	71,797	18.6	3,264	0.24
Island	16,162	81,054	19.9	225	0.01
Jefferson	5,037	29,676	17.0	276	0.05
King	121,288	1,916,441	6.3	11,851	0.10
Kitsap	25,263	240,862	10.5	1,578	0.06
Kittitas	3,639	39,532	9.2	466	0.13
Klickitat	3,849	20,554	18.7	2,312	0.60
Lewis	13,678	74,741	18.3	4,980	0.36
Lincoln	917	10,248	8.9	320	0.35
Mason	8,203	58,016	14.1	698	0.09
Okanogan	5,537	40,552	13.7	8,491	1.53
Pacific	4,907	21,272	23.1	1,120	0.23
Pend Oreille	658	12,946	5.1	102	0.16
Pierce	81,209	796,836	10.2	5,482	0.07
San Juan	2,346	15,484	15.2	15	0.01
Skagit	23,043	119,534	19.3	916	0.04
Skamania	1,730	10,894	15.9	967	0.56
Snohomish	82,521	694,571	11.9	5,540	0.07
Spokane	21,771	468,684	4.6	11,640	0.53
Stevens	2,125	42,334	5.0	828	0.39
Thurston	27,112	250,979	10.8	4,122	0.15
Wahkiakum	1,387	4,062	34.1	1,541	1.11
Walla Walla	6,508	59,059	11.0	4,391	0.67
Whatcom	20,708	200,434	10.3	1,061	0.05
Whitman	2,800	42,689	6.6	2,116	0.76
Yakima	22,742	239,054	9.5	15,056	0.66
Unknown WA	1,753			618	0.35
Washington Total	663,424	6,664,195	10.0	152,342	0.23
Other State Total	63,311			15,733	0.25
Canada	2,047			247	0.12
Other	538			51	0.09
Grand Total	729,320			168,372	0.23

Note: The figures do not accurately multiply across because of the bias adjustment factor and rounding of numbers.

Source: Table 1: Annual Estimates of the Resident Population for Counties of Washington: April 1, 2000 to July 1, 2009 (CO-EST2009-01-53). Source: Population Division, U.S. Census Bureau. Release Date: March, 2010.

Table 33. 2009-2010 Frequency Distribution of Estimated Steelhead Catch Record Cards and Catch

#Steelhead per Catch Record Card	Number of Cards	Cumulative Number of Cards	Percent Cards	Cumulative Percent Cards	Total Catch	Cumulative Total Catch	Percent Catch	Cumulative Percent Catch
0	685,383	685,383	93.98%	93.98%	0	0	0.00%	0.00%
1	17,476	702,859	2.40%	96.37%	17,476	17,476	10.38%	10.38%
2	8,672	711,531	1.19%	97.56%	17,344	34,820	10.30%	20.68%
3	4,521	716,052	0.62%	98.18%	13,563	48,383	8.06%	28.74%
4	3,169	719,221	0.43%	98.62%	12,676	61,059	7.53%	36.27%
5	1,854	721,075	0.25%	98.87%	9,270	70,329	5.51%	41.78%
6	1,497	722,572	0.21%	99.07%	8,982	79,311	5.33%	47.11%
7	1,061	723,633	0.15%	99.22%	7,427	86,738	4.41%	51.52%
8	916	724,549	0.13%	99.35%	7,328	94,066	4.35%	55.87%
9	712	725,261	0.10%	99.44%	6,408	100,474	3.81%	59.68%
10	603	725,864	0.08%	99.53%	6,030	106,504	3.58%	63.26%
11	400	726,264	0.05%	99.58%	4,400	110,904	2.61%	65.87%
12	414	726,678	0.06%	99.64%	4,968	115,872	2.95%	68.82%
13	378	727,056	0.05%	99.69%	4,914	120,786	2.92%	71.74%
14	153	727,209	0.02%	99.71%	2,142	122,928	1.27%	73.01%
15	276	727,485	0.04%	99.75%	4,140	127,068	2.46%	75.47%
16	233	727,718	0.03%	99.78%	3,728	130,796	2.21%	77.68%
17	167	727,885	0.02%	99.80%	2,839	133,635	1.69%	79.37%
18	153	728,038	0.02%	99.82%	2,754	136,389	1.64%	81.01%
19	204	728,242	0.03%	99.85%	3,876	140,265	2.30%	83.31%
20	73	728,315	0.01%	99.86%	1,460	141,725	0.87%	84.18%
21	109	728,424	0.01%	99.88%	2,289	144,014	1.36%	85.54%
22	80	728,504	0.01%	99.89%	1,760	145,774	1.05%	86.59%
23	22	728,526	0.00%	99.89%	506	146,280	0.30%	86.89%
24	95	728,621	0.01%	99.90%	2,280	148,560	1.35%	88.24%
25	87	728,708	0.01%	99.92%	2,175	150,735	1.29%	89.53%
26	80	728,788	0.01%	99.93%	2,080	152,815	1.24%	90.77%
27	73	728,861	0.01%	99.94%	1,971	154,786	1.17%	91.94%
28	73	728,934	0.01%	99.95%	2,044	156,830	1.21%	93.15%
29	73	729,007	0.01%	99.96%	2,117	158,947	1.26%	94.41%
30	254	729,261	0.03%	99.99%	7,620	166,567	4.53%	98.94%
31	51	729,312	0.01%	100.00%	1,581	168,148	0.94%	99.88%
32	7	729,319	0.00%	100.00%	224	168,372	0.13%	100.00%
Total	729,319		100.00%		168,372		100.00%	

Table 34. 2009-2010 Sport Steelhead Inventory of Catch Record Cards Received

Response Type	With Catch		No catch		Total Cards & Letters	Number of Steelhead			Catch per Card		
	Catch Records	Reminder Letters	Catch Records	Reminder Letters		Catch Records	Reminder Letters	Total	Catch Records	Reminder Letters	Total
Prior to reminder	269		8,396		8,665	719		719	0.08		0.08
After reminder postcard	4,475		45,266		49,741	17,809		17,809	0.36		0.36
After 1st reminder letter	760	456	6,947	33,509	41,672	2,934	1,348	4,282	0.38	0.04	0.10
From license dealer	89		1,382		1,471	353		353	0.24		0.24
Total	5,593	456	61,991	33,509	101,549	21,815	1,348	23,163	0.32	0.04	0.23

Marine Fish

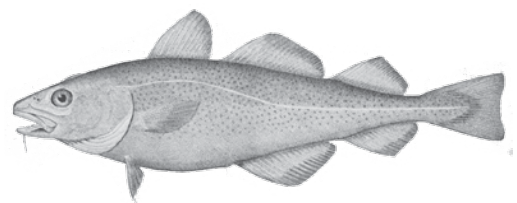
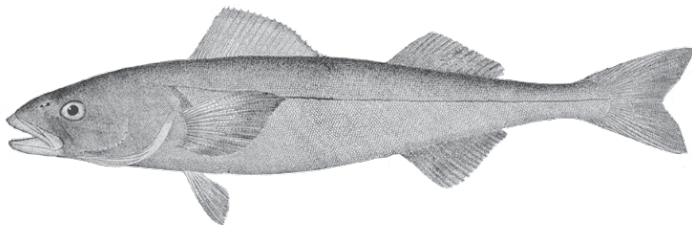
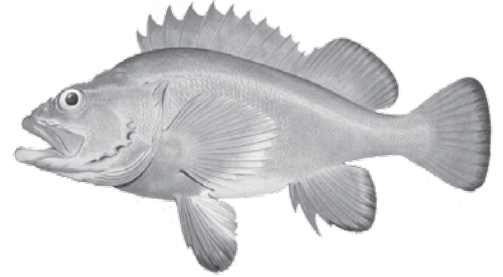
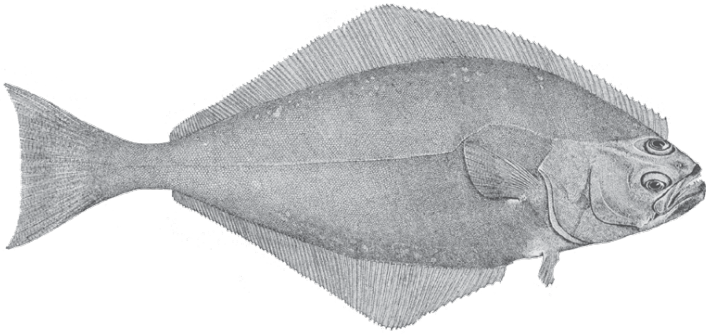


Table 35. 2009-2010 Coastal Bottomfish Catch

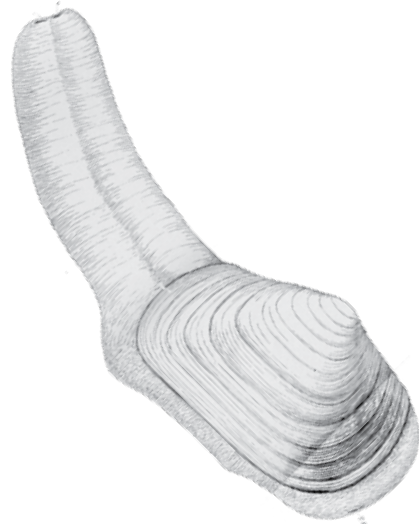
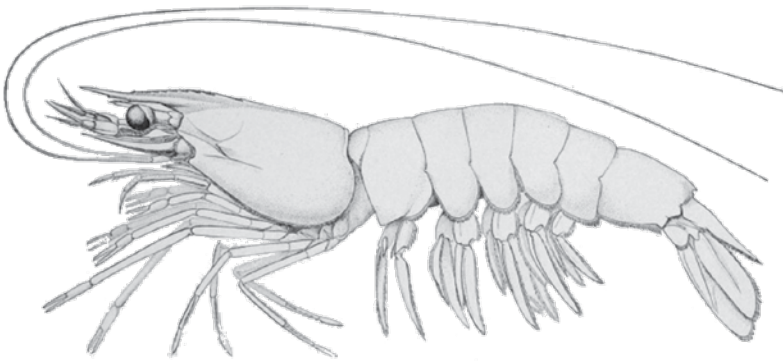
Species	Catch Area					Total
	Area 1 Ilwaco	Area 2 Westport	Area 3 La Push	Area 4 Neah Bay (Ocean)	Area 4B Neah Bay (Strait)	
Black Rockfish	5,863	113,063	17,824	24,864	27,894	189,508
Blue Rockfish	8	189	140	354	240	931
Yellowtail Rockfish	1,879	20,075	1,733	1,343	898	25,928
China Rockfish	13	68	245	1,519	1,066	2,911
Quillback Rockfish	17	599	104	534	766	2,020
Copper Rockfish	13	76	53	397	1,023	1,562
Canary Rockfish			5	64	67	136
Yelloweye Rockfish			3	39	17	59
Tiger Rockfish	6	12	15	46	76	155
Vermillion Rockfish	1		15	107	41	164
Boccaccio		3	226	93	13	335
Other Rockfish	13	61	54	8		136
Lingcod	401	8,110	5,008	3,586	2,929	20,034
Kelp Greenling	246	285	262	1,122	2,201	4,116
Pacific Cod	2	6		7	5	20
Cod (general)	15	42	6	35	13	111
Cabezon	354	764	222	1,004	696	3,040
Flatfish	106	286	20	41	412	865
Surf Perch	284	18		3	3	308
Sharks and Skates	88	127	58	7	5	285
Miscellaneous	10,718	16,691	4,885	2,474	580	35,348

Table 36. Coastal Washington Recreational Pacific Halibut Catch - 1990-2008

Year	South Coast Catch Areas 1-2	North Coast Catch Areas 3-4
1990	392	4,958
1991	433	4,823
1992	1,740	6,870
1993	539	5,009
1994	651	2,876
1995	884	4,224
1996	877	4,431
1997	1,455	5,996
1998	2,940	6,127
1999	2,126	4,773
2000	2,341	4,286
2001	2,365	5,752
2002	2,129	5,219
2003	2,809	5,576
2004	3,901	5,627
2005	3,049	5,575
2006	3,069	4,600
2007	2,551	5,504
2008	3,045	4,415
2009	2,430	4,871

Table 37. 2009 Sport Bottomfish Catch by Boat-Based Anglers in Puget Sound

Species	5	6	7	8-1	8-2	9	10	11	12	13	Puget Sound Total
Pacific Halibut	1,808	2,897	416		2	310					5,433
Starry Flounder	22	26	84		35		52	408		418	1,045
Soles	39	10	40		2,679	4,825	1,091	2,177		4,191	15,052
Sanddabs		20	20	351	7,358	9,930	19,082	17,862		2,165	56,788
Misc. Flatfish	533	101	311	1,386	21,373	7,165	8,090	37,618	25	5,348	81,950
Sablefish	61						5				66
Lingcod	213	196	2,468	612	120	401	157	219		255	4,641
Greenlings	1,985	789	8,114	939	10	1,827	24	305		2,648	16,641
Copper Rockfish	425	428	3,956	207	433	898	551	169		37	7,104
Quillback Rockfish	273	345	1,562	62	169	416	289	181		102	3,399
Brown Rockfish						16	221	334		17	588
Black Rockfish	1,933	454	191	270	81	45	181	6			3,161
Yellowtail Rockfish	11		21			4					36
Other Rockfishes	96	93	1,681	293	413	947	332	739		82	4,676
Pacific Cod	1,873	67	41			121	17	58			2,177
Walleye Pollock	9	40									49
Cabezon	93	14	511	10	17	501	4			25	1,175
Other Sculpins	69	2	204	15	310	385	191	1,319		47	2,542
Perches			344		127	188	101				760
Spiny Dogfish	6	126	290	35	281	854	769	948		1,062	4,371
Misc. Bottomfish	25	12			10	425	28	139			639
Octopus	13					5		30			48
Humboldt Squid	376										376
Total	9,863	5,620	20,254	4,180	33,418	29,263	31,185	62,512	25	16,397	212,717



Shellfish

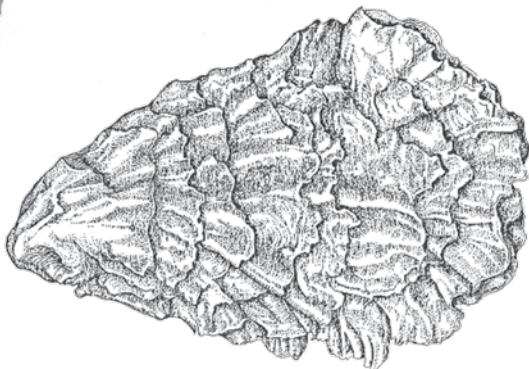
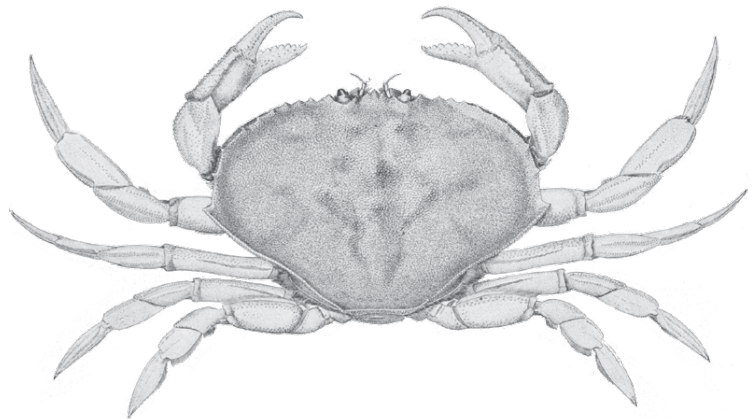


Table 38. 2009-2010 Summary of Sport Razor Clam Digging on Ocean Beaches

Location	Digger Trips	Clams Per Trip	Number of Clams
Long Beach	105,817	13.4	1,422,020
Twin Harbors	60,165	14.0	840,119
Copalis	75,822	13.2	1,000,413
Mocrocks	37,092	13.4	496,303
Kalaloch	4,548	0.0	46,373
Total	283,444	13.4	3,805,228

Table 39. 2009 Clam and Oyster Recreational Use and Harvest Estimates from Intertidal Areas East Of Dungeness Spit

Marine Areas	Beach Name	User Trips	Pounds of Clams Harvested								Number of Oysters
			Manila	Littleneck	Butter	Cockle	Softshell	Horse	Geoduck	Total	
6	Sequim Bay SP	4,437	442	8,669	822	1,406	64	969		12,372	39,295
7	Birch Bay SP	26,510	3,829	36,134	73,463	5,964	604	10,009	61	130,064	12,197
8-1	Madrona	701									3,153
	West Penn Cove	10,478	15	1,350	60,705	3,259	4	1,913		67,246	37,389
	Long Pt	1,071		4	9,710	4		368		10,087	
	Saratoga Passage	610		26	5,958	380	24	109		6,497	
	Freeland CP	51	86	2	19		1			108	
	Winas-Maylor Pt-East	1,294		132	5,871	2,282		277		8,562	
9	Fort Flagler SP	2,175	15	4,151	7,970	133	27	1,190	172	13,657	232
	Oak Bay CP	2,064	661	700	6,851	378	17	1,949		10,556	2,145
	P. T. Ship Canal	514	21	211	2,655	218	1	342	3	3,453	4
	S Indian Island CP	2,113	2,682	1,099	1,908	104	32	436	227	6,488	182
12	Shine Tidelands SP	2,996	1,723	1,382	7,475	2,018	22	2,549	422	15,590	6,101
	Wolfe Prop SP	2,920	5,433	486	652	153	52	1,795		8,571	15,229
	Dabob Broad Spit	473	938	9		1	0	13	24	986	3,453
	E Dabob	132	342	4						346	1,088
	Ouilcene Tidelands	2,288	4,036	0		1	3	0		4,041	15,928
	S. Zelatched Point	152		18	78	28		221		345	2,278
	Toandos Pen SP	202	0	36	623	21		152	35	866	2,029
	Dosewallips SP App.	11,612	18,030	692	426	137	278		1,393	20,956	133,092
	Dosewallips SP Rest.	33	51	2	1	0	1		4	60	378
	Seal Rock FSC	1,597		150	179	115	2	4	450	900	26,225
	Kitsap Memorial SP	1,440	3	515	3,529	1,544	29	1,454	49	7,122	11,800
	Pt. Whitney	4,304	7,170	210	266	16	4			7,666	34,630
	Pt. Whitney Lagoon	17	0	0		0				0	239
	DNR-44A W Dewatto	1,398	873	72	82	67	6			1,099	21,565
	Scenic Beach SP	431	0	6	7	424	0	0		438	6,425
	Potlatch West SP-DNR	21,398	14,703	8,410	18,075	24,961	343	350		66,842	194,441
	Belfair SP	2,700	3,818	1	38	1	138	23		4,019	20,845
	Rendsland Creek	478	180	34	944	13	5	6		1,182	6,988
	Duckabush	4,362	8,201	287	1,391	689	72	488	154	11,281	36,260
	Triton Cove Tidelands	2,306	2,183	244	550	596	14			3,586	19,553
Lilliwaup SP	3,164	444	817	3,106	1,761		349		6,478	33,848	
Eagle Creek	852	157	86	6	313	7	35	21	625	13,681	
Twanoh SP	3,892	3,186	15	11	18	20			3,249	51,003	
13	Penrose Point SP	7,129	7,891	2,908	2,135	103	741	4,462	1,291	19,532	73,013
	North Bay	12,814	25,853	2,097	48	45	24	190	70	28,328	77,131
	Hope Island SP	537	6	176	3,319	0	18	355	972	4,846	777
	Oakland Bay Ch & Flats	1,053	1,742	2	19		0			1,764	7,802
	Oakland Bay Ogg	977	1,616	2	18		0			1,636	7,236
Total		143,678	116,329	71,140	218,909	47,154	2,552	30,009	5,350	491,443	917,635

Table 40. 2009 Hood Canal Sport Spot Shrimp Fishery

Area	Date	Pots Fished	Pounds	CPUE (lbs. per pot)
12	May - June (8 days)	19,003	82,657	4.35
Total		19,003	82,657	4.35

Table 41. 2009 Puget Sound Sport Spot Shrimp Fishery

Area	Date	Pots Fished	Pounds	CPUE (lbs. per pot)
6	May - Sept	491	1,442	2.94
7	May	3,289	12,364	3.76
8-1 & 8-2	May	3,381	15,544	4.60
9	May	933	4,407	4.72
10	May	1,439	6,256	4.35
11	May	525	2,089	3.98
13	May	n/a	200	
Total		9,567	42,302	4.28

Table 42. 2009-2010 Sport Dungeness Crab Catch (all gear types)

Marine Area and location		Summer Season (lb. of crab)	Fall/Winter Season (lb. of crab)
4	Neah Bay		
5	Seki/Pillar Point		
	Total	12,171	1,503
6	Port Angeles Harbor, Dungeness & Sequim Bays, Discovery Bay		
	Total	99,047	87
7	Gulf of Georgia, North of San Juan Islands, Bellingham Bay, Samish Bay, San Juan Islands, Anacortes		
	Total	462,195	49,476
8-1	Skagit Bay, North Saratoga Passage, Holmes Harbor		
	Total	261,961	352
8-2	South Saratoga Passage		
	Port Susan		
	Port Gardner		
	Total	261,558	509
9 ¹	Admiralty Inlet, Port Townsend Bay, Useless Bay		
	Total	58,842	7,743
10	Seattle/Kingston, Port Orchard		
	Total	49,624	22,607
11	Colvos Pass, East Pass		
	Total	62,542	119
13	South Puget Sound		
	Total	34,087	21,627
12, 9 ²	Port Ludlow/Port Gamble, Upper Hood Canal, Central Hood Canal, Lower Hood Canal		
	Total	43,592	9,763
Total		1,345,619	113,786

¹ Excluding all waters of Marine Area 9 south of a line from Foulweather Bluff to Olele Point.

² Including all waters of Marine Area 9 south of a line from Foulweather Bluff to Olele Point.



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