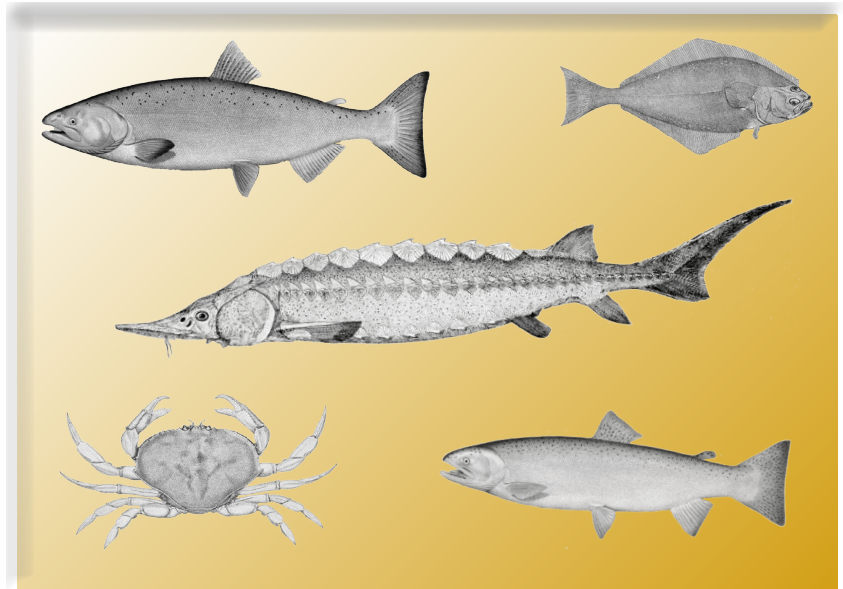


Washington State Sport Catch Report 2013



by Eric Kraig



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Fish and Wildlife
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WASHINGTON STATE SPORT CATCH REPORT 2013

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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 2013 edition of the Washington State Sport Catch Report is being published in February 2016.

The 2013 sport estimates reflect harvest from April 1, 2013, through March 31, 2014. 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 2013, the following licenses and catch record cards were required to fish in Washington:

- Saltwater license: Required for saltwater fishing, for all anglers aged sixteen and over. Available for residents, resident seniors (70 and older), and non-residents. Catch record cards required for salmon, steelhead, sturgeon and halibut, for anglers of all ages.
- Freshwater license: Required for freshwater fishing, for all anglers aged sixteen and over. Available for residents, resident seniors (70 and older), and non-residents. Catch record cards required for salmon, steelhead and sturgeon, for anglers of all ages.
- Shellfish/seaweed license: Required for harvesters aged sixteen and over. Available for residents, resident seniors (70 and older), and non-residents. Allows the holder to harvest clams, mussels, oysters, shrimp, crab, squid, other shellfish, and seaweed. In addition, a Puget Sound crab endorsement and catch record card was required to harvest Dungeness crab in Marine Areas 5-13.
- Combination license: Allows anglers to fish in both saltwater and freshwater and to harvest shellfish and seaweed. Available for both residents and non-residents aged fifteen and over.

Fish catch record cards were required for salmon, steelhead, sturgeon and halibut. Each species group could be issued as a separate card, or included together on one card. Separate catch record cards were required for recording Dungeness crab in Puget Sound. Separate crab cards were required for the summer and fall/winter seasons.

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 for the license year which ran from April 1, 2013 through March 31, 2014. Table 2 provides counts for the numbers of fish and crab catch cards issued going back to 1971. Table 3 shows the return rate, expansion factor, and non-response bias correction factors for the 2013-14 cards.

METHODS

Catch record card returns are used to estimate sport salmon catch in marine and freshwater areas. For some areas, the catch cards numbers are replaced with estimates based on creel surveys. In marine areas, creel estimates were used in Areas 1-4 (not including Willapa bay or Grays Harbor), and for many of the Puget Sound fisheries including the summer months in Area 5, 9, 10 and 11, and winter blackmouth fisheries in Area 7, 8-1, 8-2, 9, 10, and 11.

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 2013, the statistical month of January begins January 1 and ends January 30 and the statistical month of February starts on January 31 and ends February 27. 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 2013 are shown in Table 4. Between April 1, 2013, and March 31, 2014 a total of 384,387 salmon were caught in marine areas, and 732,850 salmon were caught in freshwater. The marine totals by species, as shown in Table 5, are: 73,494 chinook; 164,656 coho; 3,487 chum; 134,539 pink; 146 sockeye; and 392 jacks (all species combined). Freshwater species breakdowns are: 156,801 chinook; 125,261 coho; 18,932 chum; 380,142 pink; 23,744 sockeye; 36,527 jacks (all species combined).

Catch record card returns are used to estimate sport salmon catch in marine and freshwater areas. For some areas, the catch cards numbers are replaced with estimates based on creel surveys. In marine areas, creel estimates were used in Areas 1-4 (not including Willapa bay or Grays Harbor), and for many of the Puget Sound fisheries including the summer months in Area 5, 9, 10 and 11, and winter blackmouth fisheries in Area 7, 8-1, 8-2, 9, 10, and 11.

STURGEON

On the new combined sport catch record card, sturgeon fishers were required to record their catch statewide. The total sport harvest for 2013, based on creel surveys and catch record card returns, was 5,034 fish. Of this total, 4,564 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 262 white sturgeon. Puget Sound rivers and marine areas produced 96 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 2013-2014 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 2013 and the spring of 2014 451,047 digging trips resulted in a harvest of 6,034,182 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 111,609 sport harvester trips gathered 395,262 total pounds of clams and 574,030 oysters in 2013 on the monitored beaches.

The Hood Canal sport shrimp fishery harvest is reported in Table 40. A total of 97,137 pounds of shrimp were caught during the six days of the season. Puget Sound shrimpers caught 80,901 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 1,969,955 pounds of Dungeness crab.

SPORT LICENSES

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

April 1, 2013 - March 31, 2014 - License Year			
Type of License	Price	Number Sold	Value
Saltwater			
Resident	\$29.50	48,176	\$1,351,280.70
Non-Resident	\$59.75	3,714	\$214,483.50
Senior	\$8.05	18,906	\$114,381.30
Freshwater			
Resident	\$29.50	345,998	\$9,514,725.00
Non-Resident	\$84.50	12,102	\$998,332.50
Senior	\$7.50	41,459	\$228,013.50
Shellfish/Seaweed			
Resident	\$16.30	95,145	\$1,360,559.20
Non-Resident	\$35.00	6,497	\$214,401.00
Senior	\$10.80	19,474	\$107,107.00
Combination (Saltwater/Freshwater/Shellfish)			
Resident	\$54.25	151,040	\$7,890,011.25
Non-Resident	\$123.55	2,313	\$280,902.05
Disabled	\$10.25	14,226	\$117,348.00
Youth	\$8.05	14,249	\$86,206.45
Under 15	\$0.00	76,562	\$0.00
Short-term Combination*			
1-day Resident	\$11.35	51,081	\$477,607.35
1-day Non-Resident	\$20.15	34,565	\$627,090.75
2-day Resident	\$15.75	11,726	\$161,232.50
2-day Non-Resident	\$28.95	13,015	\$350,582.65
3-day Resident	\$19.05	11,286	\$192,426.30
3-day Non-Resident	\$35.55	17,464	\$585,438.70
Razor Clam			
Annual Resident	\$13.00	30,987	\$340,857.00
Annual Non-resident	\$20.70	3,085	\$57,689.50
3-day	\$8.60	39,267	\$259,162.20
PS Crab Endorsement			
Annual	\$8.75	168,794	\$1,392,369.00
Under 15	\$8.75	41,935	\$0.00
1-5 day	\$3.80	12,271	\$40,494.30
Charter/Guide Stamps*			
Charter/Guide Stamps	\$8.50	29,780	\$253,130.00
Two-Rod Endorsements			
Resident / Non-resident	\$14.80	34,424	\$490,168.80
Senior	\$6.00	5,134	\$28,237.00
Columbia River Endorsements			
Resident / Non-resident	\$8.75	177,565	\$1,464,911.25
Senior / Disabled / Youth	\$7.10	19,794	\$137,684.25
Duplicates			
Catch Cards		19,356	\$203,805.80
Additional Catch Cards		9,204	\$111,368.40
Licenses		14,880	\$74,235.70
Total		1,595,474	\$29,726,242.90

TECHNICAL DATA

Table 2. Number of Catch Record Cards Issued 1971-2013

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
2010-2011	574,969	208,458	70,731
2011-2012	632,564	230,355	28,514
2012-2013	566,372	200,711	27,711
2013-2014	631,536	214,692	29,638

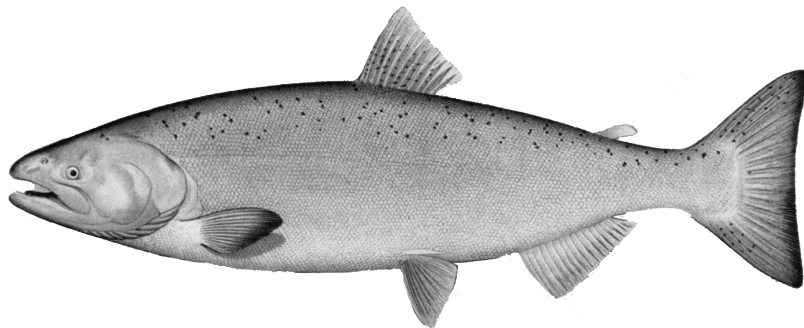
*Starting with the 2000-2001 season, all species were combined on a single card.

**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. 2013-2014 Catch Record Card Technical Data.

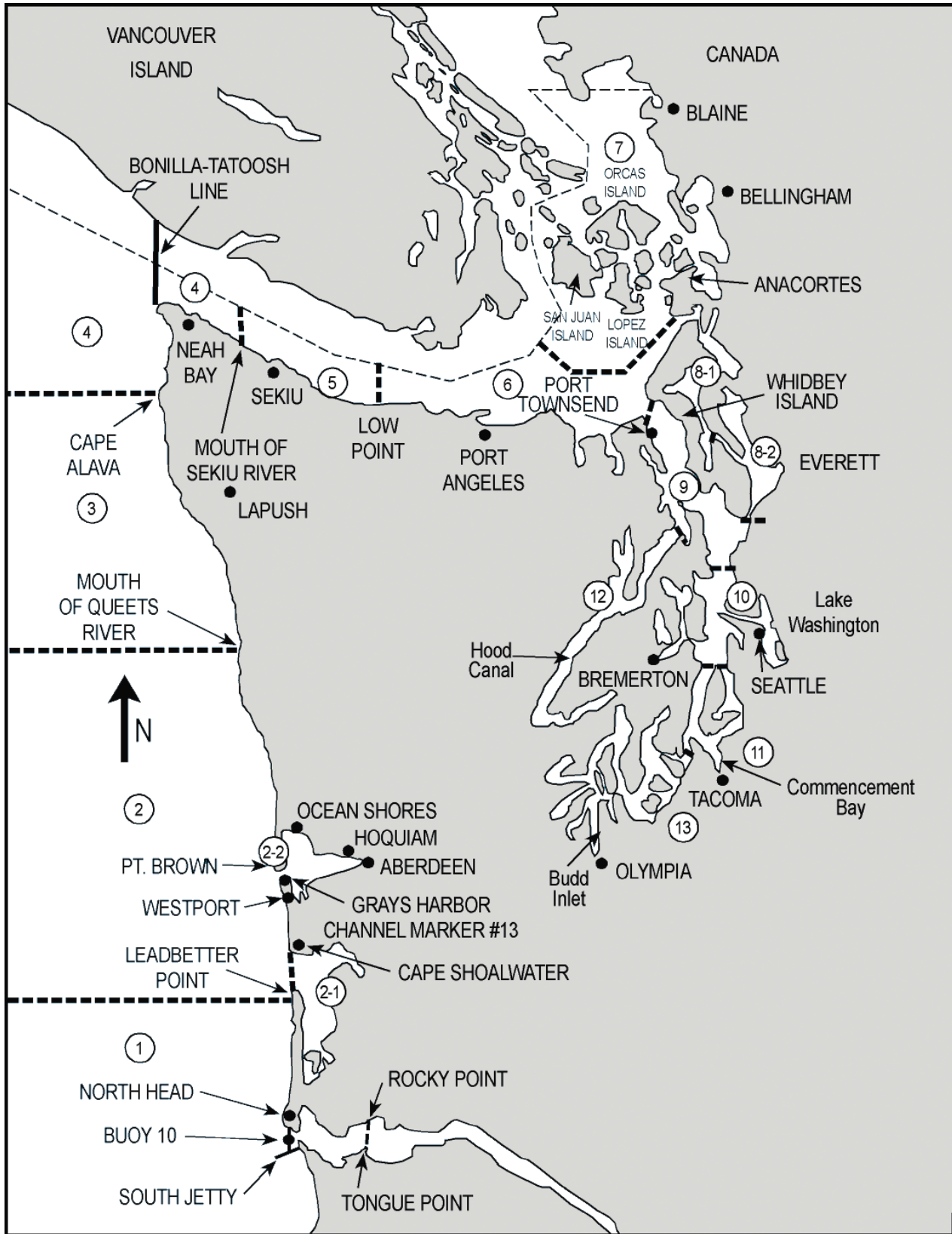
Cards Issued	631,536
In-sample cards	157,884
In-sample cards returned	58,161
Expansion Factor (Cards Issued / In-sample Returns)	10.86
Non-reporting bias correction factors	
Salmon - Marine Area 5	1.00
Salmon - Puget Sound Marine Areas	1.46
Salmon - Freshwater, Grays Harbor, Willapa Bay	1.20
Steelhead	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, SKAGIT BAY	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
2010	335,931	204,196	3,881	24,191		39,821	1,893	2,122	2,196	6,934	19,540	3,014	4,543		234	961	7,786	6,369	4,621	2,415	1,214
2011	906,876	572,283	15,699	26,948		34,069	6,314	3,327	5,558	13,024	62,003	20,257	19,305		12,935	23,979	35,631	23,810	22,540	5,738	3,456
2012	584,694	285,247	4,624	17,131		31,417	4,358	9,030	3,804	12,787	72,396	17,494	9,228		2,549	13,863	53,679	25,308	12,690	6,855	2,234
2013	1,125,794	732,850	8,557	23,121		35,062	2,756	2,660	6,117	18,368	65,534	26,851	26,506		10,227	26,038	85,769	31,508	15,574	5,541	2,755

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.

Table 5. Total 2013-2014 Sport Salmon Catch.

Marine Area	Chinook	Coho	Chum	Pink	Sockeye	Jacks	Total Salmon	Marine Angler Trips	Salmon per Trip
Ilwaco-Ocean (Area 1)	6,634	16,483		4			23,121	24,496	0.94
Westport (Area 2)	13,684	20,354		1,024			35,062	35,889	0.98
Willapa Bay (Area 2.1)	1,382	1,263				111	2,756	N/A	
Grays Harbor (Area 2.2)	970	1,402		7		281	2,660	N/A	
LaPush (Area 3)	2,551	2,923		643			6,117	4,266	1.43
Neah Bay (Area 4)	6,049	6,324		5,995			18,368	15,362	1.20
Subtotal Coast*	31,270	48,749				392	88,084	80,013	1.03
Sekiu-Pillar Point (Area 5)	9,226	33,894	6	22,393	15		65,534	52,098	1.26
East Juan de Fuca (Area 6)	6,375	7,409	34	13,033			26,851	25,726	1.04
San Juan Islands (Area 7)	9,609	2,551	37	14,180	129		26,506	46,150	0.57
Deception Pass, Hope Island (Area 8-1)	75	3,092		7,060			10,227	18,087	0.57
Port Susan & Port Gardner (Area 8-2)	463	10,275	14	15,286			26,038	39,496	0.66
Admiralty Inlet (Area 9)	6,723	38,517	468	40,061			85,769	120,233	0.71
Seattle-Bremerton (Area 10)	4,015	16,338	156	10,997	2		31,508	59,138	0.53
Tacoma-Vashon Island (Area 11)	3,428	1,276	7	10,863			15,574	69,684	0.22
Hood Canal (Area 12)	838	2,419	1,954	330			5,541	23,128	0.24
South Puget Sound (Area 13)	1,472	136	811	336			2,755	27,253	0.10
Subtotal Puget Sound	42,224	115,907	3,487	134,539	146		296,303	480,993	0.62
Marine Area Totals*	73,494	164,656	3,487	134,539	146	392	384,387	561,006	0.69
Freshwater Totals	156,801	125,261	18,932	380,142	23,744	36,527	741,407	N/A	
Grand Totals	230,295	289,917	22,419	514,681	23,890	36,919	1,125,794	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. 2013 Sport Salmon Catch, Area 1 - Ilwaco: Ocean

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
June 9	2013	11					11	35	0.32
June 16	2013	300	11				311	445	0.70
June 23	2013	541	494				1,035	783	1.32
June 30	2013	453	1,798				2,252	1,580	1.43
July 7	2013	548	871				1,419	1,399	1.01
July 14	2013	189	632				822	915	0.90
July 21	2013	239	1,022				1,261	1,214	1.04
July 28	2013	380	1,482				1,863	1,306	1.43
August 4	2013	818	1,980				2,799	2,550	1.10
August 11	2013	1,061	2,406	1			3,468	3,257	1.06
August 18	2013	687	2,708	3			3,398	3,319	1.02
August 25	2013	426	1,144				1,570	3,035	0.52
September 1	2013	433	571				1,004	1,875	0.54
September 8	2013	388	624				1,012	1,333	0.76
September 15	2013	139	628				767	1,104	0.69
September 22	2013	11	71				82	222	0.37
September 29	2013	8	39				47	124	0.38
Total		6,634	16,483	4			23,121	24,496	0.94

Table 7. 2013 - 2014 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 4	2013	58	46				104	485	0.21
August 11	2013	359	81				440	1,507	0.29
August 18	2013	3,285	603				3,888	6,987	0.56
August 25	2013	1,927	993				2,920	7,848	0.37
September 1	2013	1,350	730				2,080	4,524	0.46
September 8	2013	14	146				160	671	0.24
September 15	2013	27	85				112	469	0.24
September 22	2013	4	64				68	266	0.26
September 29	2013	0	36				36	134	0.27
Total		7,024	2,784				9,808	22,891	0.43

Table 8. 2013 Sport Salmon Catch, Area 2 - Westport

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
June 9	2013	178					178	739	0.24
June 16	2013	871	3				875	2,868	0.30
June 23	2013	873	173	5			1,051	2,519	0.42
June 30	2013	264	186				450	894	0.50
July 7	2013	471	209	2			682	1,104	0.62
July 14	2013	581	726	12			1,320	1,487	0.89
July 21	2013	826	1,258	322			2,406	2,663	0.90
July 28	2013	1,524	904	311			2,739	2,387	1.15
August 4	2013	2,462	2,424	248			5,134	4,173	1.23
August 11	2013	1,553	2,512	109			4,175	3,438	1.21
August 18	2013	1,635	2,830	8			4,473	3,876	1.15
August 25	2013	503	1,936	4			2,443	2,610	0.94
September 1	2013	868	2,524	3			3,395	2,543	1.34
September 8	2013	679	2,101				2,780	2,085	1.33
September 15	2013	344	2,184				2,527	2,054	1.23
September 22	2013	42	338				380	395	0.96
September 29	2013	9	45				54	55	0.98
Total		13,684	20,354	1,024			35,062	35,889	0.98

Table 9. 2013-2014 Sport Salmon Catch, Area 2-1 - Willapa Bay

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Chinook Jacks	Coho Jacks	Total Salmon
June	2013	7							7
July	2013	35	7						42
August	2013	986	430				35		1,451
September	2013	354	700					27	1,081
October	2013		112					49	161
November	2013		14						14
Total		1,382	1,263				35	76	2,756

Table 10. 2013-2014 Sport Salmon Catch, Area 2-2 - Grays Harbor

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Chinook Jacks	Coho Jacks	Total Salmon
July	2013							14	14
August	2013	83	35						118
September	2013	887	997	7			20	151	2,062
October	2013		335					96	431
November	2013		28						28
January	2014		7						7
Total		970	1,402				20	261	2,660

Table 11. 2013 Sport Salmon Catch, Area 3 - La Push

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
May 12	2013	4					4	131	0.03
May 19	2013							4	0.00
May 26	2013								
June 2	2013								
June 9	2013								
June 16	2013							12	0.00
June 23	2013	29					29	67	0.44
June 30	2013	70	57	3			130	160	0.82
July 7	2013	187	135	40			362	315	1.15
July 14	2013	139	101	66			306	236	1.29
July 21	2013	131	131	78			340	225	1.51
July 28	2013	313	125	49			487	194	2.51
August 4	2013	455	441	82			979	560	1.75
August 11	2013	352	352	86			790	412	1.92
August 18	2013	194	365	76			634	439	1.45
August 25	2013	297	616	154			1,067	535	2.00
September 1	2013	109	369	8			486	320	1.52
September 8	2013	105	183	1			289	240	1.21
September 15	2013	38	83				121	130	0.93
September 22	2013	10	3				13	49	0.27
September 29	2013							1	0.00
October 6	2013	117	18				134	203	0.66
October 13	2013	2					2	33	0.06
Total		2,551	2,980	643			6,174	4,266	1.45

Table 12. 2013 Sport Salmon Catch, Area 4 - Neah Bay

Week Ending	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
May 12	2013	63					63	478	0.13
May 19	2013	64					64	337	0.19
May 26	2013								
June 2	2013								
June 9	2013								
June 16	2013								
June 23	2013	177	3				179	370	0.48
June 30	2013	459	254	29			742	1,344	0.55
July 7	2013	803	957	464			2,223	1,982	1.12
July 14	2013	1,111	914	1,371			3,396	2,063	1.65
July 21	2013	746	647	1,329			2,721	1,771	1.54
July 28	2013	531	512	924			1,966	1,583	1.24
August 4	2013	911	668	651			2,230	1,401	1.59
August 11	2013	477	667	354			1,497	1,212	1.24
August 18	2013	369	753	350			1,473	1,033	1.43
August 25	2013	148	396	293			836	797	1.05
September 1	2013	117	323	218			658	602	1.09
September 8	2013	69	162	13			243	284	0.86
September 15	2013	6	70				75	102	0.74
September 22	2013							4	0.00
Total		6,049	6,324	5,995			18,368	15,362	1.20

Table 13. 2013-2014 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	2013	134					134	242	0.55
July	2013	7,120	3,662	6,588			17,370	19,797	0.88
August	2013	1,519	5,155	13,718	13		20,405	12,222	1.67
September	2013	259	22,372	2,087	2	4	24,724	17,569	1.41
October	2013	44	2,705			2	2,751	1,992	1.38
March	2014	150					150	276	0.54
Total		9,226	33,894	22,393	15	6	65,534	52,098	1.26

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

Table 14. 2013-2014 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	2013	183					183	380	0.48
July	2013	3,203	336	2,702			6,241	6,772	0.92
August	2013	819	1,144	7,074			9,037	6,512	1.39
September	2013	116	1,876	3,255			5,247	4,448	1.18
October	2013	96	4,044	2		34	4,176	3,751	1.11
December	2013	325	9				334	657	0.51
January	2014	476					476	969	0.49
February	2014	359					359	982	0.37
March	2014	798					798	1,255	0.64
Total		6,375	7,409	13,033		34	26,851	25,726	1.04

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

Table 15. 2013-2014 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	2013	126					126	624	0.20
July	2013	2,898	340	3,443	41		6,722	12,343	0.54
August	2013	2,238	507	8,322	83	6	11,156	12,170	0.92
September	2013	748	1,071	2,415	5		4,239	7,786	0.54
October	2013	403	633			31	1,067	2,097	0.51
November	2013	17					17	37	
December	2013	918					918	2,189	0.42
January	2014	1,162					1,162	3,573	0.33
February	2014	469					469	1,374	0.34
March	2014	630					630	3,957	0.16
Total		9,609	2,551	14,180	129	37	26,506	46,150	0.57

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

Table 16. 2013-2014 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	2013	14					14	180	0.08
July	2013			11			11	62	0.18
August	2013		462	4,208			4,670	10,001	0.47
September	2013	10	2,010	2,841			4,861	6,188	0.79
October	2013		620				620	1,209	0.51
November	2013	38					38	332	0.11
February	2014	13					13	115	0.11
Total		75	3,092	7,060			10,227	18,087	0.57

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

Table 17. 2013-2014 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	2013	71					71	682	0.10
June	2013	23					23	1,535	0.01
July	2013	113	13				126	6,474	0.02
August	2013	5	576	9,425		3	10,009	11,045	0.91
September	2013	26	7,055	5,861			12,942	11,955	1.08
October	2013	4	2,631			3	2,638	4,883	0.54
November	2013	31				8	39	943	0.04
December	2013	56					56	606	0.09
January	2014	16					16	512	0.03
February	2014	9					9	170	0.05
March	2014	109					109	691	0.16
Total		463	10,275	15,286		14	26,038	39,496	0.66

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

Table 18. 2013-2014 Sport Salmon Catch, Area 9 - Admiralty Inlet

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2013	80					80	367	0.22
June	2013	17					17	141	0.12
July	2013	4,720	1,641	1,653		5	8,019	30,785	0.26
August	2013	81	6,034	27,448		31	33,594	38,453	0.87
September	2013	86	24,024	10,960		11	35,081	31,461	1.12
October	2013	25	6,696			285	7,006	12,521	0.56
November	2013	533	122			136	791	2,693	0.29
December	2013	6					6	15	0.40
January	2014	720					720	1,612	0.45
February	2014	194					194	751	0.26
March	2014	261					261	1,434	0.18
Total		6,723	38,517	40,061		468	85,769	120,233	0.71

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

Table 19. 2013-2014 Sport Salmon Catch, Area 10 - Seattle / Bremerton

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
July	2013	1,466	2,240	1,341	2		5,049	15,892	0.32
August	2013	2,122	3,838	5,236		3	11,199	22,001	0.51
September	2013	70	8,730	4,420		7	13,227	15,029	0.88
October	2013	83	1,530			115	1,728	4,252	0.41
November	2013	63				31	94	541	0.17
December	2013	137					137	748	0.18
January	2014	74					74	675	0.11
Total		4,015	16,338	10,997	2	156	31,508	59,138	0.53

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

Table 20. 2013-2014 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	2013	104					104	746	0.14
June	2013	663	35				698	8734	0.08
July	2013	1,016	196	2,932			4,144	24,066	0.17
August	2013	1,360	491	7,389			9,240	27,172	0.34
September	2013	106	240	542			888	4,520	0.20
October	2013	42	307				349	2,945	0.12
November	2013	84	7			7	98	516	0.19
December	2013	11					11	140	0.08
February	2014	20					20	402	0.05
March	2014	22					22	443	0.05
Total		3,428	1,276	10,863		7	15,574	69,684	0.22

NOTE: Estimates for April, June-September, and February-March are from creel surveys; other estimates are from catch record cards.

Table 21. 2013-2014 Sport Salmon Catch, Area 12 - Hood Canal

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
April	2013	34					34	255	0.13
July	2013	205		168			373	1,869	0.20
August	2013	226	1,484	140			1,850	6,539	0.28
September	2013	178	821	22		6	1,027	10,253	0.10
October	2013	40	114			299	453	2,560	0.18
November	2013					1,610	1,610	852	1.89
December	2013	12				39	51	83	0.61
February	2014	80					80	345	0.23
March	2014	63					63	372	0.17
Total		838	2,419	330		1,954	5,541	23,128	0.24

Table 22. 2013-2014 Sport Salmon Catch, Area 13 - South Puget Sound

Statistical Month	Year	Chinook	Coho	Pink	Sockeye	Chum	Total Salmon	Marine Angler Trips	Salmon per Trip
May	2013	74					74	1,198	0.06
June	2013	132					132	1,401	0.09
July	2013	53	18	89			160	7,828	0.02
August	2013	1,076	14	78			1,168	5,602	0.21
September	2013	113	56	169			338	8,824	0.04
October	2013	21	48			309	378	1,458	0.26
November	2013	3				479	482	884	0.55
December	2013					23	23	58	0.40
Total		1,472	136	336		811	2,755	27,253	0.10

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COASTAL RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Grays Harbor	Hoquiam River	355	Coho							45					45	
			Jackcoho							9						9
			Total							54						54
	Humptulips River	358	Chinook							374	1,376	210				1,960
			Chum								27	36				63
			Coho							208	1,608	885	81			2,782
			Jackchin							18	27					45
			Jackcoho							37	159					196
	Total							637	3,197	1,131	81			5,046		
	Johns River	367	Coho									9			9	
			Total									9			9	
	Wishkah River	335	Coho								134	241	27			402
Jackcoho										45					45	
Total										179	241	27			447	
Chehalis R. System	Chehalis River	315	Chinook		101	56				348	10	19			9	543
			Chum							91	110					201
			Coho						1,404	5,400	3,505	861	36			11,206
			Jackchin						322	83	46					451
			Jackcoho						2,397	1,212	280	63	18			3,970
			Total		101	56			4,123	7,134	3,951	943	54		9	16,371
	Quigg Lake	370	Coho							45	18				63	
			Total							45	18				63	
	Satsop River	329	Chinook							54	210	27			291	
			Coho							9	256	704			969	
Chum								490	1,928	1,634	599	9		4,660		
Jackchin								45	99	9	9			162		
Jackcoho								681	1,085	147	37			1,950		
Total								1,279	3,578	2,521	645	9		8,032		

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COASTAL RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013									2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Chehalis R. System (cont.)	Skookumchuck River	333	Coho							36	54	18	90		198	
			Jackcoho							9	9	18				
			Total							45	63	18				90
	Wynoochee River	337	Chum							222	9			231		
			Coho						18	148	298			464		
			Jackcoho							18			18			
			Total						18	388	307			713		
Black R. System	Black River (Thurston Co)	706	Coho							15					15	
			Total								15				15	
Copalis R. System	Copalis River	339	Coho						331	377	156	9			873	
			Jackcoho					9	74	74	18	9			184	
			Total					9	405	451	174	18			1,057	
Hoh R. System	Hoh River	348	Chinook		9	28	28		64	349	64			542		
			Coho					9	83	723	278			1,093		
			Jackchin						18	9	9			36		
			Jackcoho					18	9	64	9			100		
			Total		9	28	28	27	174	1,145	360			1,771		
Joe Creek System	Joe Creek	323	Jackchin							5			5			
			Total								5			5		
Queets R. System	Clearwater River	392	Chinook							37			37			
			Coho							195	111			306		
			Jackcoho								19			19		
			Total								251	111			362	
	Queets River	394	Chinook					9		167	93			269		
			Coho					47	179	310	254			790		
			Jackcoho					9	102					111		
			Total					65	281	477	347			1,170		

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COASTAL RIVER SYSTEMS															
System	Stream	CRC Code	Species	2013								2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Queets R. System (cont.)	Salmon River (Jefferson Co)	396	Chinook						19	25	19				63
			Coho						177	12					189
			Jackchin						56						56
			Total						252	37	19				308
Quillayute R. System	Bogachiel River	398	Chinook						36	127	18			181	
			Coho							327	91			418	
			Jackchin						9	18				27	
			Jackcoho						9	36				45	
			Total						54	508	109			671	
	Calawah River	400	Chinook						9	54	9			72	
			Coho							27	9			36	
			Sockeye						9					9	
			Jackchin						9					9	
			Total						27	81	18			126	
	Dickey River (Clallam Co)	402	Chinook					9		57				66	
			Coho						36	161	18			215	
			Jackchin							18				18	
Jackcoho								27	45				72		
Total							9	63	281	18			371		
Quillayute River	404	Chinook		9	9			18	392	9			437		
		Coho				9		263	1,859	182			2,313		
		Jackchin						45	54				99		
		Jackcoho						109	300	18			427		
		Total		9	9	9		435	2,605	209			3,276		

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COASTAL RIVER SYSTEMS															
System	Stream	CRC Code	Species	2013								2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Quillayute R. System (cont.)	Sol Duc River	406	Chinook	100	399	145	64	54		404	64				1,230
			Coho				27	100	91	1,145	356				1,719
			Sockeye			263	91	9		9					372
			Jackchin		9	9	9			100					127
			Jackcoho							82	345	9			436
			Total	100	408	417	191	163	173	2,003	429				
Quinault R. System	Quinault River	410	Chinook							5				5	
			Coho								10			10	
			Jackcoho								5			5	
			Total								10	10			20
Sooes R. System	Sooes River	418	Coho								10			10	
			Total								10			10	
Van Winkle Creek	Van Winkle Creek	419	Coho								31	15		46	
			Total								31	15		46	
Willapa Bay	Naselle River	375	Chinook					270	396	135	18			819	
			Coho						128	264	583	428	27	1,430	
			Jackchin					9	27	18				54	
			Jackcoho							139	93	46	19	297	
			Total					279	690	510	647	447	27	2,600	
	Nemah River	379	Chinook					918	1,359	81				2,358	
			Jackchin					18	63					81	
			Total					936	1,422	81				2,439	
	North River	382	Coho							297	135			432	
			Jackcoho								369	18		387	
Total										666	153		819		

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COASTAL RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Willapa Bay (cont.)	Smith Creek (Pacific Co)	384	Chinook						9						9	
			Coho								36				36	
			Jackcoho						9						9	
			Total						18			36			54	
	Willapa River	424	Chinook					108	567	441	90					1,206
			Coho						99	171	468	333	9			1,080
			Jackchin					27	99	18		18				162
			Jackcoho						117	27	198	72	9			423
			Total					135	882	657	756	423	18			2,871
			Coastal River Totals	Chinook		100	518	238	92	1,368	2,905	4,208	631	19		
Chum								9	596	859					1,464	
Coho						36	156	3,507	15,227	9,372	2,371	171			30,840	
Sockeye					263	91	9	9	9						381	
Jackchin				9	9	9	54	711	449	64	27				1,332	
Jackcoho							36	3,792	3,914	752	200	27			8,721	
Total		100		527	510	228	1,623	10,933	24,403	11,678	2,617	198		9	52,826	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2013								2014			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Columbia R. Mainstem	B10 Line - Rocky Pt - Tongue Pt Line	519	Chinook				58	6,921	45							7,024	
			Coho				46	2,407	331								2,784
			Total				104	9,328	376								9,808
	Columbia - below Bonneville	521	Chinook	1,800	239	2,093	6	7,550	9,868	555	9				383	22,503	
			Coho					152	213	97	9					471	
			Sockeye			259	33										292
			Jackchin	30	146	394	27	606	729	20						2	1,954
			Jackcoho						126		9						135
			Total	1,830	385	2,746	66	8,308	10,936	672	27					385	25,355
	Cowlitz R. System	Cispus River	555	Chinook			9		98	36						143	
Coho									36	36						72	
Jackchin									9							9	
Total						9		98	81	36						224	
Cowlitz R. below Mayfield Dam		561	Chinook	1,562	835	422	153	592	2,139	495	54				215	6,467	
			Coho				9	9	293	1,966	701	198	27			3,203	
			Jackchin	232	152	98	465	313	349	116	18	9			9	1,761	
			Jackcoho					117	897	1,641	108	9				2,772	
			Total	1,794	987	520	627	1,031	3,678	4,218	881	216	27		224	14,203	
Cowlitz R. between Mayfield & Cowlitz Falls Dams		563	Chinook			9		9	27	98						143	
			Coho						9							9	
			Jackchin	9							9					18	
	Jackcoho									36		18			54		
	Total		9		9		9	36	143			18			224		

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS															
System	Stream	CRC Code	Species	2013								2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Cowlitz R. System (cont.)	Cowlitz R. above Cowlitz Falls Dam	559	Chinook						18	207	9				234
			Coho						9	1,366	733	9			2,117
			Jackchin						27	54	18				99
			Jackcoho						27	143	116				286
			Total						81	1,770	876	9			2,736
	Green River (Cowlitz Co.) below Toutle Hatchery	565	Chinook						27	9					36
			Coho							9					9
			Jackcoho							45					45
			Total						27	63					90
	Tilton River	571	Chinook					18	45	304	9				376
			Coho						221	1,692	9				1,922
			Jackchin								9				9
			Jackcoho						36	161	18				215
			Total					18	302	2,157	45				2,522
	Toutle River	573	Chinook					9	98						107
Total							9	98						107	
Toutle River, No Fork	575	Chinook			9	107	402							518	
		Coho				27	214	27						268	
		Jackchin						9						9	
		Jackcoho						9						9	
		Total			9	134	634	27						804	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS															
System	Stream	CRC Code	Species	2013								2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Lewis R. System	Lewis River	611	Chinook			9		62	71	89					231
			Coho						18	151	9				178
			Jackchin						18	18					36
			Jackcoho					9							9
			Total			9		71	107	258	9				454
	Lewis River, North Fork	615	Chinook			27		71	505	1,751	388	21			2,763
			Coho				9	100	775	932	1,194	33			3,043
			Jackchin			9		27	163	263	27				489
			Jackcoho					27	436	391	44				898
			Total			36	9	225	1,879	3,337	1,653	54			7,193
Lower Columbia	Deep River (Wahkiakum Co)	580	Chinook						18					18	
			Total						18					18	
	Elochoman River below Foster Rd Bridge	583	Chinook							36				36	
			Jackchin							9				9	
			Total							45				45	
	Grays River below Barr Rd Bridge	594	Chinook							9				9	
			Coho							27				27	
			Total							36				36	
	Grays River above Barr Rd Bridge	595	Chinook						27	90					117
			Coho						9	170	18	9			206
			Jackchin							9					9
			Jackcoho								116	9			125
Total								36	385	27	9			457	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Lower Columbia (cont.)	Grays River, West Fork	596	Chinook						9						9	
			Coho						134	81	45				260	
			Jackchin							9					9	
			Jackcoho							63					63	
			Total						143	153	45				341	
	Kalama River below Modrow Bridge	604	Chinook					98	242	36					376	
			Coho						63	590	36				689	
			Jackchin					36		27					63	
			Jackcoho						18	268	9				295	
			Total					134	323	921	45				1,423	
	Kalama River between Modrow Bridge and Kalama Falls Hatchery	603	Chinook					45	116	45					206	
			Coho						27	447	18				492	
			Jackchin					9	9	27					45	
			Jackcoho							134	45				179	
			Total					54	152	653	63				922	
	Washougal River below County Line Access	667	Chinook					215	1,029	9	9				1,262	
			Coho						9	45	9				63	
			Jackchin					9							9	
			Total					224	1,038	54	18				1,334	
	Washougal River above County Line Access	668	Chinook						27	18					45	
			Jackcoho							9					9	
			Total						27	27					54	
	Lower Columbia System Totals			Chinook	3,362	1,074	2,569	226	15,795	14,749	3,751	478	21		598	42,623
				Coho				64	2,695	2,361	7,636	2,781	249	27		
Sockeye						259	33									292
Jackchin				271	298	501	492	1,000	1,313	561	72	9			11	4,528
Jackcoho								153	1,549	3,007	358	9	18			5,094
Total				3,633	1,372	3,329	815	19,643	19,972	14,955	3,689	288	45	609	68,350	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Big White Salmon River	Big White Salmon River	508	Chinook					10	26	5					41	
			Jackchin						5							5
			Total					10	31	5						46
Klickitat River	Klickitat River below Fishway 5	607	Chinook	27	170	117	9	260	3,800	3,770	134				8,287	
			Coho						45	2,179	683	126				3,033
			Jackchin	9	72	72	9	9	269	108	9					557
			Jackcoho						18	81	9					108
			Total	36	242	189	18	269	4,132	6,138	835	126				
	Klickitat River above Fishway 5	608	Chinook			9	27	81	2,581	2,050	45				4,793	
			Coho						63	182	45					290
			Jackchin		9		18		99	18						144
			Total		9	9	45	81	2,743	2,250	90					5,227
Little White Salmon River &	Little White Salmon River & Drano Lake	618	Chinook	535	399	9	45	678	2,909	2,486	9				7,070	
			Coho					82	468	231						781
			Jackchin	27	232		18	80	161	125						643
			Jackcoho						36	9						45
			Total	562	631	9	63	840	3,574	2,851	9					
Mid Columbia	Columbia Bonneville Dam to The Dalles Dam	527	Chinook	219	18	9	18	793	3,616	2,502	9			9	7,193	
			Coho					46	65	1,583	324	9				2,027
			Jackchin	18				82	272	227	9					608
			Jackcoho						18	54						72
			Total	237	18	9	18	921	3,971	4,366	342	9			9	
	Columbia The Dalles Dam to John Day Dam	529	Chinook	191		9	36	153	2,160	118				9	2,676	
			Coho					19	37	54						110
			Jackchin	95			19		85	9						208
			Jackcoho						27							27
			Total	286		9	55	172	2,309	181					9	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2013								2014			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Mid Columbia (cont.)	Columbia John Day Dam to McNary Dam	531	Chinook	104		19	19	9	114	359					624		
			Coho							28					28		
			Sockeye			18										18	
			Jackchin	9					45	36						90	
			Total	113		37	19	9	159	423						760	
Wind R. System	Wind River below Shipherd Falls	680	Chinook	518	454	18	36	118	363	154					1,661		
			Coho				9	45	27	136					217		
			Jackchin	36	209	9			9	9						272	
			Jackcoho						9	9						18	
			Total	554	663	27	45	163	408	308						2,168	
	Wind River above Shipherd Falls	677	Chinook		127	27									154		
			Jackchin		55	9										64	
			Total		182	36										218	
Middle Columbia System Totals			Chinook	1,594	1,168	217	190	2,102	15,569	11,444	197				18	32,499	
			Coho				9	192	705	4,393	1,052	135					6,486
			Sockeye			18											18
			Jackchin	194	577	90	64	171	945	532	18						2,591
			Jackcoho						108	153	9						270
			Total	1,788	1,745	325	263	2,465	17,327	16,522	1,276	135				18	41,864

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Okanogan R. System	Okanogan River	627	Chinook				9								9	
			Sockeye				37									37
			Jackchin				9									9
			Total				55									55
	Similkameen River	629	Chinook				75	103	130						308	
			Total				75	103	130						308	
Upper Columbia	Columbia McNary Dam to Hwy 395 Bridge	533	Chinook				9	66	75	704					854	
			Coho							45					45	
			Jackchin							18	90					108
			Total				9	66	93	839						1,007
	Columbia Hwy 395 Bridge-old Hanford townsite	535	Chinook			9	45	235	4,655	13,623					18,567	
			Coho						37	37	154				228	
			Sockeye			243	423									666
			Jackchin			9	27	72	1,080	1,476						2,664
			Jackcoho							22	32					54
			Total			261	495	344	5,794	15,285						22,179
	Columbia Old Hanford townsite-Priest Rapids Dam	536	Chinook			18	45	91	6,733	10,107					16,994	
			Coho						63	45					108	
			Sockeye			123	102									225
			Jackchin				18	18	1,238	1,183						2,457
			Jackcoho							18	63					81
	Total			141	165	109	8,052	11,398						19,865		
Columbia Priest Rapids to Chief Joseph Dam	537	Chinook				3,017	1,750	1,889	2,516					9,172		
		Sockeye				7,041	773	27	9					7,850		
		Jackchin				558	238	503	348						1,647	
		Total				10,616	2,761	2,419	2,873						18,669	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS															
System	Stream	CRC Code	Species	2013								2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Wenatchee R. System	Icicle Creek	672	Chinook	143	322										465
			Jackchin	9	161										170
			Total	152	483										635
	Lake Wenatchee	670	Sockeye				2,264	6,882							9,146
			Total				2,264	6,882							9,146
	Wenatchee River	674	Chinook				9	9	134	27					179
Jackchin							9	9						18	
Total						9	18	143	27					197	
Yakima R. System	Yakima River	690	Chinook	18	243	117			486	1,222					2,086
			Coho						9	111					120
			Jackchin		56	104			104	151					415
			Jackcoho							18					18
			Total	18	299	221			599	1,502					2,639
Upper Columbia System Totals			Chinook	18	386	466	3,209	2,254	14,102	28,199					48,634
			Coho					37	109	355					501
			Sockeye			366	9,867	7,655	27	9					17,924
			Jackchin		65	274	612	337	2,952	3,248					7,488
			Jackcoho						40	113					153
			Total	18	451	1,106	13,688	10,283	17,230	31,924					

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

COLUMBIA RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Snake R. System	Snake River: below Ice Harbor	640	Chinook	59	95	4			9	9						176
			Jackchin	13	130	3					9					155
			Total	72	225	7			9	18						331
	Snake River: Ice Harbor to Lower Monumental Dam	642	Chinook						9	36						45
			Total						9	36					45	
	Snake River: Lower Monumental to Little Goose Dam	644	Chinook	21	113	16			54	262						466
			Jackchin	3	109	9			36	253						410
			Total	24	222	25			90	515						876
	Snake River: Little Goose to Lower Granite Dam	646	Chinook						126	27						153
			Jackchin						45	54					99	
Total								171	81					252		
Snake River: Lower Granite to Interstate Bridge	648	Chinook		45				352	262						659	
		Jackchin		13				54	145					212		
		Total		58				406	407					871		
Snake River: upstream of Interstate Bridge	650	Chinook						93	269						362	
		Jackchin						36	99					135		
		Total						129	368					497		
Snake River System Totals			Chinook	80	253	20			643	865					1,861	
			Jackchin	16	252	12			171	560					1,011	
			Total	96	505	32			814	1,425					2,872	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																	
System	Stream	CRC Code	Species	2013								2014			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Chambers Cr. System	Chambers Creek	714	Chinook					5	10							15	
			Total					5	10								15
Deschutes R. System	Dewatto River	732	Coho							46						46	
			Total							46							46
Dewatto R. System	Duckabush River	736	Chum								5	5				10	
			Total								5	5					10
Dungeness R. System	Dungeness River	738	Coho							1,317	121					1,438	
			Jackcoho							9							9
			Total							1,326	121						
Green-Duwamish R. System	Green - Duwamish River	746	Chum						18	101	987	27				1,133	
			Pink					4,576	15,922	3,849							24,347
			Coho					117	1,992	1,984	126	9					4,228
			Jackcoho					9	132	188	28						357
			Total					4,702	18,064	6,122	1,141	36					
Kennedy Cr. System	Kennedy Creek	754	Chum							105	211					316	
			Total							105	211						316
Lake Washington System	Lake Sammamish	764	Chinook					9	297							306	
			Jackchin					9	9								18
	Total					18	306									324	
	Lake Washington	762	Coho							56	93					149	
			Total							56	93						149
Minter Cr. System	Minter Creek	778	Chum								5,412	508				5,920	
			Total								5,412	508					5,920

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																		
System	Stream	CRC Code	Species	2013								2014			Total			
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar		
Nisqually R. System	Nisqually River	786	Chinook				136	1,578	2,556	27							4,297	
			Chum							19	187	1,110	65				1,381	
			Pink				9	1,249	8,668	934								10,860
			Coho					138	1,121	413	9							1,681
			Jackchin					266	284	18								568
			Jackcoho					9	153	45								207
			Total					145	3,240	12,782	1,456	196	1,110	65				18,994
Nooksack Samish R. System	Dakota Creek (Whatcom Co)	724	Chinook							9						9		
			Chum								36						36	
			Coho								523	9					532	
			Total								532	45					577	
	Nooksack River	788	Chinook						45	9							54	
			Chum								18	370	27				415	
			Pink				370	2,435	532	63								3,400
			Coho					9	317	1,630	208							2,164
			Jackchin						9									9
			Jackcoho							9	54	9						72
			Total				370	2,444	912	1,774	587	27						6,114
	Samish River	816	Chinook					1,569	4,672	36	18						6,295	
			Chum						9	90							99	
Pink								36								36		
Coho							37	514	449	19						1,019		
Jackchin							135	334								469		
Jackcoho							27	27	36							90		
Total							1,768	5,592	611	37						8,008		

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Nooksack Samish R. System (cont.)	Whatcom Creek	884	Chinook						9	9					18	
			Chum								46	1,785				1,831
			Pink													
			Coho									36	9	9		54
			Jackchin													
			Total						9	91	1,794	9		1,903		
Puyallup R. System	Carbon River	802	Chinook					99	207	37					343	
			Pink					336	8,931	664					9,931	
			Coho					37	471	394	74				976	
			Jackchin							9					9	
			Jackcoho							45	54	9			108	
				Total					472	9,663	1,149	83		11,367		
	Puyallup River	804	Chinook				28	1,365	921	46					2,360	
			Chum							180	18	341	45		584	
			Pink				683	92,794	55,313	956					149,746	
			Coho				63	7,749	10,632	861	299	82			19,686	
Jackchin						9	399	256						664		
			Jackcoho					659	687	37			1,383			
			Total					783	102,966	67,989	1,918	640	127	174,423		
Quilcene R. System	Quilcene River	812	Coho					2,160	587	72				2,819		
			Jackcoho					18							18	
			Total					2,178	587	72					2,837	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Skagit R. System	Baker Lake	825	Sockeye				3,647	1,389	27							5,063
			Total				3,647	1,389	27							5,063
	Cascade River	826	Chinook		45	107										152
			Coho						650	1,888	172					2,710
			Jackchin			9										9
			Jackcoho								9					9
	Skagit River	830	Total		45	116			650	1,888	181					2,880
			Chinook			89	36									125
			Chum									27				27
			Pink				5,211	38,796	34,410	864						79,281
Coho						9	486	2,249	7,168	1,240	90				11,242	
Sockeye					9										9	
Skokomish R. System	Skokomish River	834	Jackcoho					18	9	71					98	
			Total		98	5,256	39,300	36,668	8,103	1,267	90				90,782	
			Chinook				800	4,136	91	37						5,064
			Chum							2,174	3,395	73				5,642
			Coho				9	148	766	810	315	9				2,057
			Jackchin				36	262								298
			Jackcoho						9	54	63					126
Snohomish R. System	Skykomish River	844	Total			845	4,555	911	3,084	3,710	82				13,187	
			Chinook		18	266	320									604
			Pink					4,232	11,075	1,255						16,562
			Coho					9	396	2,150	468	45				3,068
			Jackchin			53	240									293
			Jackcoho								18					18
Snohomish R. System	Skykomish River	844	Total	18	319	560	4,241	11,471	3,423	468	45				20,545	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Snohomish R. System (cont.)	Snohomish River	850	Pink				215	27,350	44,947	1,441					73,953	
			Coho			9	98	2,655	9,641	152					12,555	
			Jackcoho						44	98	18					160
			Total			224	27,448	47,646	11,180	170						86,668
	Snoqualmie River	852	Pink					36	746	83					865	
			Coho						53	388	195	36			672	
			Jackcoho							9		18			27	
			Total					36	808	471	213	36			1,564	
	Stillaguamish River	872	Pink					182	5,570	321					6,073	
Coho								626	1,966	45	9			2,646		
Jackcoho									18					18		
Total							182	6,214	2,287	45	9			8,737		
Tahuya R. System	Tahuya River	878	Coho							297				297		
			Total								297				297	
Puget Sound System Totals			Chinook		63	462	1,320	8,761	8,808	210	18				19,642	
			Chum						207	2,571	12,756	1,795	65			17,394
			Pink				6,488	171,986	186,150	10,430						375,054
			Coho			90	10,988	23,085	32,126	3,461	289					70,039
			Sockeye			3,647	1,389	27								5,063
			Jackchin			71	285	1,071	901	18						2,346
			Jackcoho					749	1,187	673	91					2,700
			Total			63	533	11,830	194,944	220,365	46,028	16,326	2,084	65		

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

UNKNOWN AREAS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Unknown Area Totals			Chinook	83	15	61	220	472	422	156	13				12	1,454
			Chum					18	18		20	18				74
			Pink			49	167	1,086	3,648	117	21					5,088
			Coho		27	10	112	559	432	365	46		10		21	1,582
			Sockeye				66									66
			Jackchin		10	10	10	10	21	39						100
			Jackcoho					10	48	125	10					193
		Total		83	52	130	575	2,155	10,293	802	110	18	10	33	8,557	

Table 23. 2013-2014 Freshwater Salmon Sport Catch by Area and Month (continued)

STATEWIDE TOTALS																
System	Stream	CRC Code	Species	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Statewide Totals			Chinook	5,237	3,477	4,033	5,257	30,752	57,198	48,833	1,337	40			637	156,801
			Chum					18	234	3,167	13,635	1,813	65			18,932
			Pink			49	6,655	173,072	189,798	10,547	21					380,142
			Coho		27	10	311	14,627	30,199	60,102	16,712	3,044	208		21	125,261
			Sockeye			906	13,704	9,053	63	18						23,744
			Jackchin	481	1,211	967	1,472	2,643	7,014	5,407	154	36			11	19,396
			Jackcoho					948	6,724	7,985	1,220	209	45			17,131
		Total	5,718	4,715	5,965	27,399	231,113	291,230	136,059	33,079	5,142	318	669	741,407		

Table 24. 2013-2014 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	1,317	19,067	6.9	879	354	1,233	0.94
Asotin	2,112	22,110	9.6	422	222	644	0.3
Benton	16,411	184,486	8.9	18,695	2,453	21,148	1.29
Chelan	7,102	73,967	9.6	12,645	1,373	14,018	1.97
Clallam	10,999	72,312	15.2	5,320	28,599	33,919	3.08
Clark	37,159	443,817	8.4	29,054	6,039	35,093	0.94
Columbia	506	4,032	12.5	97	216	313	0.62
Cowlitz	17,923	101,860	17.6	17,464	1,068	18,532	1.03
Douglas	3,438	39,471	8.7	4,212	1,334	5,546	1.61
Ferry	336	7,646	4.4	220	375	595	1.77
Franklin	6,766	86,638	7.8	6,622	700	7,322	1.08
Garfield	324	2,256	14.4	61	61	61	0.19
Grant	4,827	91,878	5.3	4,503	1,749	6,252	1.3
Grays Harbor	11,295	71,078	15.9	16,163	6,505	22,668	2.01
Island	16,425	78,801	20.8	6,780	35,163	41,943	2.55
Jefferson	4,581	30,076	15.2	1,134	8,470	9,604	2.1
King	115,789	2,044,449	5.7	133,619	75,483	209,101	1.81
Kitsap	24,841	253,968	9.8	8,090	26,428	34,518	1.39
Kittitas	2,964	41,765	7.1	2,858	2,717	5,575	1.88
Klickitat	2,919	20,866	14.0	5,189	184	5,373	1.84
Lewis	10,606	75,081	14.1	12,628	3,480	16,108	1.52
Lincoln	698	10,301	6.8	686	822	1,508	2.16
Mason	6,980	60,497	11.5	5,003	7,379	12,382	1.77
Okanogan	3,485	41,193	8.5	3,157	770	3,927	1.13
Pacific	3,848	20,498	18.8	4,616	4,142	8,758	2.28
Pend Oreille	454	12,896	3.5	334	431	765	1.69
Pierce	74,335	819,743	9.1	134,217	37,600	171,817	2.31
San Juan	2,517	15,875	15.9	88	2,870	2,958	1.18
Skagit	22,471	118,837	18.9	52,489	10,502	62,991	2.8
Skamania	1,214	11,274	10.8	2,875	174	3,049	2.51
Snohomish	78,784	745,913	10.6	109,894	58,685	168,579	2.14
Spokane	14,748	479,398	3.1	12,839	4,599	17,438	1.18
Stevens	1,419	43,430	3.3	1,732	450	2,182	1.54
Thurston	24,651	262,388	9.4	31,789	12,363	44,152	1.79
Wahkiakum	1,127	4,042	27.9	1,741	201	1,942	1.72
Walla Walla	4,521	59,530	7.6	3,342	483	3,825	0.85
Whatcom	20,055	206,353	9.7	25,844	6,469	32,313	1.61
Whitman	1,925	46,570	4.1	651	116	767	0.4
Yakima	15,479	247,044	6.3	18,810	4,735	23,545	1.52
Unknown WA	1,240			1,609	498	2,107	1.7
Washington Total	578,591	6,971,406	8.3	698,371	356,201	1,054,572	1.82
Other State Total	50,265			42,482	27,687	70,169	1.4
Canada	2,107			466	470	936	0.44
Other	575			88	30	118	0.21
Grand Total	631,538			741,407	384,388	1,125,794	1.78

Source: Table 1: Annual Estimates of the Resident Population for Counties of Washington: April 1, 2010 to July 1, 2013. Source: Population Division, U.S. Census Bureau. Release Date: March 2014.

Table 25. 2013-2014 Frequency Distribution of Estimated Salmon Catch Record Cards and Catch

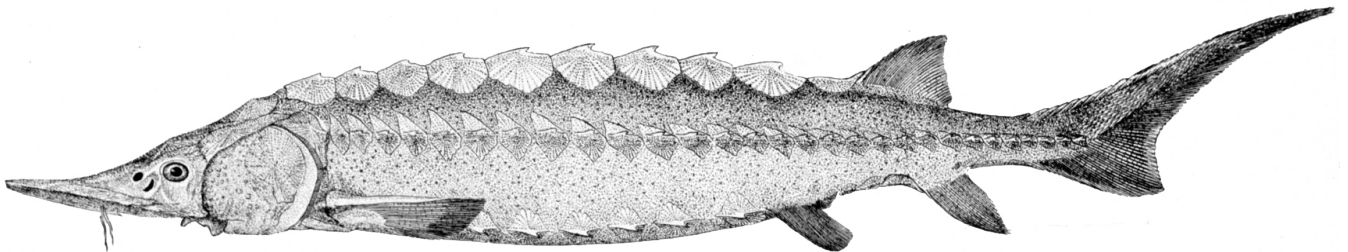
#Salmon per Catch Record Card	Number of Cards	Cumulative Number of Cards	Percent Cards	Cumulative Percent Cards	Total Catch	Cumulative Total Catch	Percent Catch	Cumulative Percent Catch
0	456,112	456,112	72.22%	72.22%	0	0	0.00%	0.00%
1	37,987	494,099	6.02%	78.24%	37,987	37,987	3.37%	3.37%
2	31,166	525,265	4.93%	83.17%	62,332	100,319	5.54%	8.91%
3	17,076	542,341	2.70%	85.88%	51,228	151,547	4.55%	13.46%
4	17,241	559,582	2.73%	88.61%	68,964	220,511	6.13%	19.59%
5	8,930	568,512	1.41%	90.02%	44,650	265,161	3.97%	23.56%
6	8,064	576,576	1.28%	91.30%	48,384	313,545	4.30%	27.86%
7	6,279	582,855	0.99%	92.29%	43,953	357,498	3.90%	31.76%
8	6,197	589,052	0.98%	93.27%	49,576	407,074	4.40%	36.16%
9	4,323	593,375	0.68%	93.96%	38,907	445,981	3.46%	39.62%
10	3,942	597,317	0.62%	94.58%	39,420	485,401	3.50%	43.12%
11	2,912	600,229	0.46%	95.04%	32,032	517,433	2.85%	45.97%
12	3,248	603,477	0.51%	95.56%	38,976	556,409	3.46%	49.43%
13	2,606	606,083	0.41%	95.97%	33,878	590,287	3.01%	52.44%
14	2,494	608,577	0.39%	96.36%	34,916	625,203	3.10%	55.54%
15	1,919	610,496	0.30%	96.67%	28,785	653,988	2.56%	58.10%
16	1,732	612,228	0.27%	96.94%	27,712	681,700	2.46%	60.56%
17	1,561	613,789	0.25%	97.19%	26,537	708,237	2.36%	62.92%
18	1,471	615,260	0.23%	97.42%	26,478	734,715	2.35%	65.27%
19	1,351	616,611	0.21%	97.64%	25,669	760,384	2.28%	67.55%
20	1,292	617,903	0.20%	97.84%	25,840	786,224	2.30%	69.85%
21	1,247	619,150	0.20%	98.04%	26,187	812,411	2.33%	72.18%
22	1,120	620,270	0.18%	98.22%	24,640	837,051	2.19%	74.37%
23	1,165	621,435	0.18%	98.40%	26,795	863,846	2.38%	76.75%
24	1,060	622,495	0.17%	98.57%	25,440	889,286	2.26%	79.01%
25	1,516	624,011	0.24%	98.81%	37,900	927,186	3.37%	82.38%
26	6,556	630,567	1.04%	99.85%	170,456	1,097,642	15.14%	97.52%
27	635	631,202	0.10%	99.95%	17,145	1,114,787	1.52%	99.04%
28	119	631,321	0.02%	99.97%	3,332	1,118,119	0.30%	99.34%
29	37	631,358	0.01%	99.97%	1,073	1,119,192	0.10%	99.44%
30	22	631,380	0.00%	99.98%	660	1,119,852	0.06%	99.50%
31	45	631,425	0.01%	99.98%	1,395	1,121,247	0.12%	99.62%
32	15	631,440	0.00%	99.98%	480	1,121,727	0.04%	99.66%
33	15	631,455	0.00%	99.99%	495	1,122,222	0.04%	99.70%
34	15	631,470	0.00%	99.99%	510	1,122,732	0.05%	99.75%
35 +	66	631,470	0.00%	99.99%	3,062	1,125,794	0.25%	100.00%
Total	631,536		100.00%		1,125,794		100.00%	

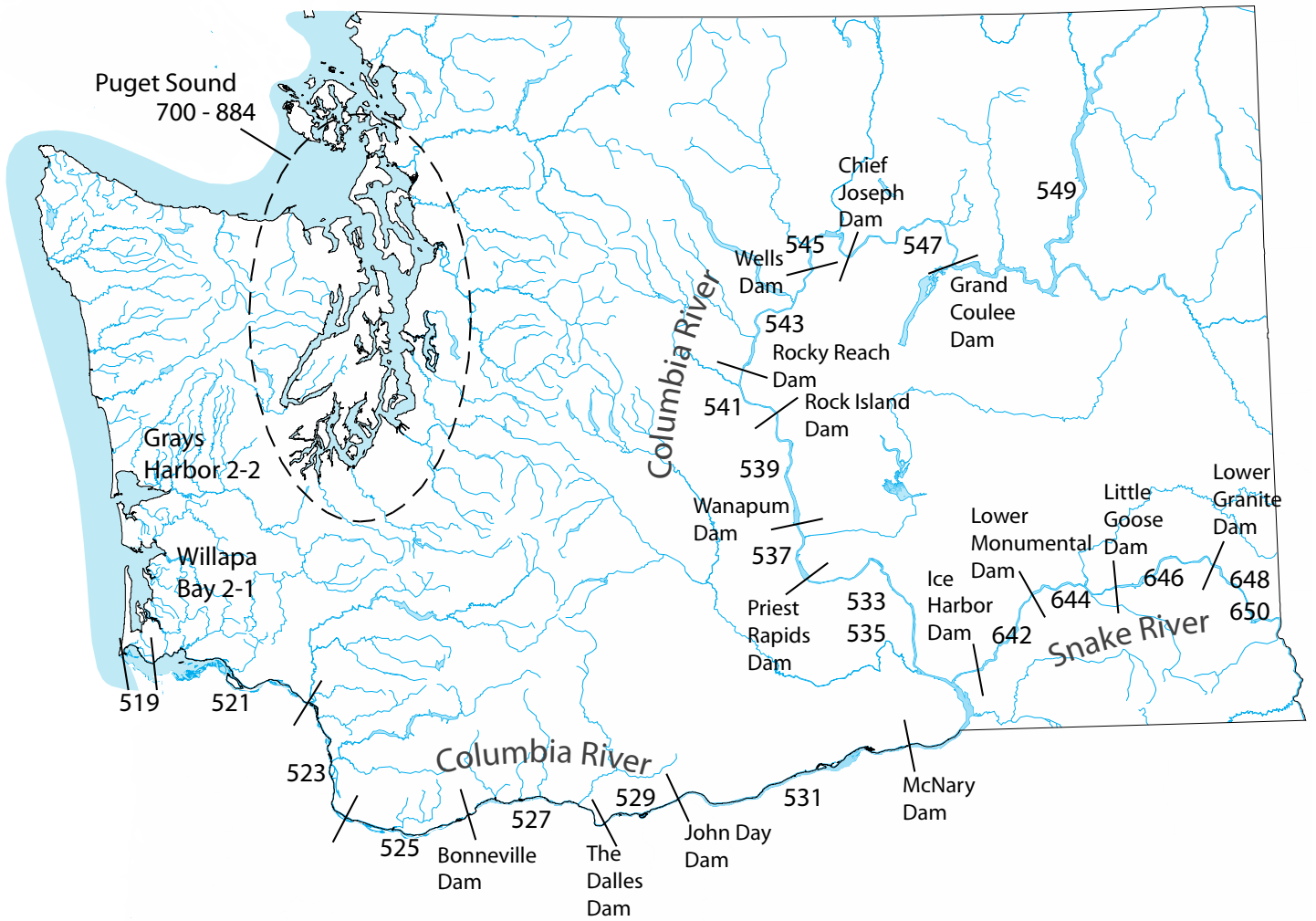
*Note: A single card has room for twenty-six salmon entries. Cards showing more than that were filled out incorrectly, with more than one salmon per line.

Table 26. 2013-2014 Sport Salmon Inventory of Catch Record Cards Received

Response Type	With Catch	No catch	Total Reports	Number of Salmon	Catch per Card
Prior to reminder	3,689	4,758	8,447	22,720	2.69
After 1st reminder postcard	17,851	27,106	44,957	118,392	2.63
After 2nd reminder postcard	1,416	3,111	4,527	8,100	1.79
From license dealer	530	408	938	1,565	1.67
Total	23,486	35,383	58,869	141,785	2.41

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. 2013-2014 Sport Sturgeon Catch, by Area and Month

COASTAL RIVER SYSTEMS															
Catch Area	Species	2013										2014			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Area 2-1: Willapa Bay	White				11										11
Area 2-2: Grays Harbor	White			11						11					22
Chehalis R. above Black R.	White		11												11
Chehalis R. below Black R.	White					11	11								22
Naselle River	White		11	43	76	11			11	33					185
Willapa River	White			11											11
Total	White		22	65	87	22	11	11	44						262

Table 27. 2013-2014 Sport Sturgeon Catch, by Area and Month (continued)

COLUMBIA RIVER SYSTEMS															
Catch Area	Species	2013										2014			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Columbia R 01: Buoy 10 to Megler-Astoria Bridge	White		116	1,084											1200
Columbia R 02: Megler-Astoria Bridge to Longview Bridge	White		187	1,178											1365
Columbia R 03: Longview Br. to I-5 Bridge	White	66	451	284											801
Columbia R 04: I-5 Bridge to Bonneville Dam	White	6	57	9											72
Columbia R 05: Bonneville to The Dalles Dam	White			321								84	25	31	461
Columbia R 06: The Dalles to John Day Dam	White		7	10	8	24	5	18	4					11	87
Columbia R 07: John Day to McNary Dam	White		14	86								3		25	128
Columbia R 08: McNary Dam - Hwy 395 Bridge in Pasco	White		22	11	11										44
Columbia R 09: Hwy 395 Bridge to old Hanford townsite	White		11	11	33									11	66

Table 27. 2013-2014 Sport Sturgeon Catch, by Area and Month (continued)

COLUMBIA RIVER SYSTEMS															
Catch Area	Species	2013										2014			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Columbia R 09: Old Hanford townsite to Priest Rapids Dam	White	11	33		76									11	131
Cowlitz R. below Mayfield Dam	White	11		11											22
Little White Salmon River & Drano Lake	White													22	22
Wind River below Shipherd Falls	White			22											22
Snake R 2: Ice Harbor to Lower Monumental Dam	White			22											22
Snake R 3: Lower Monumental to Little Goose Dam	White				11	22	33								66
Snake R 4: Little Goose to Lower Granite Dam	White			33	22										55
Total	White	94	898	3,082	161	46	38	18	4		87	25	111	4,564	

Table 27. 2013-2014 Sport Sturgeon Catch, by Area and Month (continued)

PUGET SOUND RIVER SYSTEMS															
Catch Area	Species	2013										2014			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Area 8-1: Skagit Bay-Saratoga Psg.	White			11											11
Area 8-2: Port Susan-Port Gardner	White			22											22
Area 9: Admiralty Inlet	White							11							11
Snohomish River	White			11											11
Stillaguamish River	White			11											11
Total	White			55				11							66

Table 27. 2013-2014 Sport Sturgeon Catch, by Area and Month (continued)

UNKNOWN RIVER SYSTEMS															
Catch Area	Species	2013										2014			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Unknown Area Totals	White	11	33	11	43	11	22							11	142

Table 27. 2013-2014 Sport Sturgeon Catch, by Area and Month (continued)

STATEWIDE TOTALS															
Catch Area	Species	2013										2014			Total
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Statewide Totals	White	105	953	3,213	291	79	71	40	48			87	25	122	5,034

Table 28. 2013-2014 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	1,317	19,067	6.9	47	0.04
Asotin	2,112	22,110	9.6	10	0.00
Benton	16,411	184,486	8.9	305	0.02
Chelan	7,102	73,967	9.6	10	0.00
Clallam	10,999	72,312	15.2	67	0.01
Clark	37,159	443,817	8.4	896	0.02
Columbia	506	4,032	12.5	10	0.02
Cowlitz	17,923	101,860	17.6	686	0.04
Douglas	3,438	39,471	8.7	10	0.00
Ferry	336	7,646	4.4		
Franklin	6,766	86,638	7.8	104	0.02
Garfield	324	2,256	14.4		
Grant	4,827	91,878	5.3	57	0.01
Grays Harbor	11,295	71,078	15.9	104	0.01
Island	16,425	78,801	20.8	10	0.00
Jefferson	4,581	30,076	15.2	10	0.00
King	115,789	2,044,449	5.7	305	0.00
Kitsap	24,841	253,968	9.8	67	0.00
Kittitas	2,964	41,765	7.1	19	0.01
Klickitat	2,919	20,866	14.0	76	0.03
Lewis	10,606	75,081	14.1	381	0.04
Lincoln	698	10,301	6.8		
Mason	6,980	60,497	11.5	10	0.00
Okanogan	3,485	41,193	8.5		
Pacific	3,848	20,498	18.8	219	0.06
Pend Oreille	454	12,896	3.5		
Pierce	74,335	819,743	9.1	276	0.00
San Juan	2,517	15,875	15.9		
Skagit	22,471	118,837	18.9	47	0.00
Skamania	1,214	11,274	10.8	96	0.08
Snohomish	78,784	745,913	10.6	190	0.00
Spokane	14,748	479,398	3.1	76	0.01
Stevens	1,419	43,430	3.3		
Thurston	24,651	262,388	9.4	229	0.01
Wahkiakum	1,127	4,042	27.9	96	0.09
Walla Walla	4,521	59,530	7.6	104	0.02
Whatcom	20,055	206,353	9.7	19	0.00
Whitman	1,925	46,570	4.1	10	0.01
Yakima	15,479	247,044	6.3	210	0.01
Unknown WA	1,240			19	0.02
Washington Total	578,591	6,971,406	8.3	4,775	0.01
Other State Total	50,265			257	0.01
Canada	2,107				
Other	575				
Grand Total	631,538			5,032	0.01

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, 2010 to July 1, 2013.

Source: Population Division, U.S. Census Bureau. Release Date: March 2014

Table 29. 2013-2014 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	627,381	627,381	99.3%	99.3%	0	0	0.0%	0.0%
1	3,276	630,657	0.5%	99.9%	3,276	3,276	65.1%	65.1%
2	879	631,536	0.1%	100.0%	1,758	5,034	34.9%	100.0%
Total	631,536		100.0%		5,034		100.0%	

Table 30. 2013-2014 Sport Sturgeon Inventory of Catch Record Cards Reported

Response Type	With Catch	No catch	Total Reports	Number of Sturgeon	Catch per Card
Prior to reminder	38	8,409	8,447	43	0.01
After 1st reminder postcard	369	44,588	44,957	449	0.01
After 2nd reminder postcard	32	4,497	4,527	37	0.01
From license dealer	3	935	938	4	0.00
Total	442	58,429	58,869	533	0.01

Steelhead

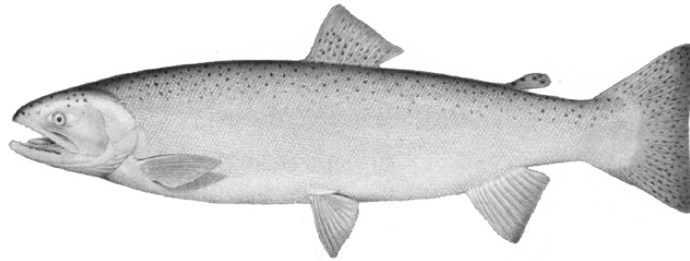


Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month

COASTAL RIVERS AND MARINE CATCH AREAS																	
System	Water	Race	Mark Type	2013								2014			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Chehalis R. System *	Bear River (Pacific Co.)	W	Marked										5		5		
	Chehalis R. above Black R.	W	Marked								4	22	171	62	4	263	
	Chehalis R. below Black R.	S	Marked				6	26		6						38	
		W	Marked								4	44	135	109	29	321	
	Satsop River	S	Marked				32	64	70	6	6					178	
		W	Marked									15	18	120	196	145	494
	Satsop River, West Fork	W	Marked										7	4		11	
	Skookumchuck River	S	Marked								3					3	
		W	Marked	80								11	11	270	376	705	1,453
	Van Winkle Creek	S	Marked				3									3	
		W	Marked									4	11	4		19	
	Wishkah River	S	Marked				3									3	
	Wynoochee River	S	Marked			6	469	625	345	64	48					1,557	
W		Marked									73	236	931	854	556	2,650	
Chehalis R. System Totals	S	Marked			6	501	701	441	70	63					1,782		
	W	Marked	80								111	342	1,638	1,601	1,439	5,211	
Copalis R. System *	Copalis River	S	Marked					3							3		
Elk R. System *	Elk River	W	Marked									5			5		
Hoh R. System *	Hoh River above Hwy 101	S	Marked				18	30	6						54		
		W	Marked								14	64	37	5	5	125	
			Unmarked											5	9	14	
	Hoh River below Hwy 101	S	Marked			18	12	12	114	24	6				186		
		W	Marked	5								156	623	211	46	18	1,059
			Unmarked	9											9	55	73
Total		14									156	623	211	55	73	1,132	

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																		
System	Water	Race	Mark Type	2013								2014			Total			
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar		
Hoh R. System * (cont.)	Hoh River, So. Fork	W	Marked										23				23	
	Hoh R. System Totals	S	Marked		18	12	30	144	30	6								240
		W	Marked	5								170	710	248	51	23	1,207	
			Unmarked	9												14	64	87
		Total	14								170	710	248	65	87	1,294		
Hoquiam R. System *	Hoquiam River	S	Marked				3										3	
		W	Marked												5		5	
Humptulips R. System *	Humptulips River	S	Marked			84	70	55	5	5								219
		W	Marked									39	329	163	27	15	573	
	Humptulips River, E. Fork	S	Marked			2	2											4
		W	Marked													4	8	12
	Humptulips River, W. Fork	W	Marked											4			4	
	Stevens Creek	W	Marked										4	27			31	
	Humptulips R. System Totals	S	Marked			84	72	57	5	5								223
W		Marked									39	333	194	31	23	620		
Joe Creek System *	Joe Creek	W	Marked											5			5	
Johns R. System *	Johns River	W	Marked											10			10	
Kalaloch Cr. System *	Kalaloch Creek	W	Marked											5			5	
Marine Water	Area 1: Col R - Ledbetter	S	Marked			7	21	32	25	39								124
		W	Marked	3								10	7	10		3	33	
	Area 2-1: Willapa Bay	S	Marked					10										10
	Marine Water Totals	S	Marked			7	21	42	25	39								134
		W	Marked	3								10	7	10		3	33	

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS															
System	Water	Race	Mark Type	2013								2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Marine Water *	Area 2: Westport	S	Marked			7	10	10		3					30
	Area 2-2: Grays Harbor	S	Marked			7			3						10
		W	Marked										3		3
	Area 3: La Push	W	Marked									13			13
	Area 4: Cape Flattery	S	Marked			7									7
		W	Marked									3			3
	Marine Water Totals	S	Marked			7	24	10	3	3					47
W		Marked									16		3	19	
Naselle R. System	Naselle River	S	Marked					1		2				3	
		W	Marked	9							42	302	179	33	19
	Salmon Creek (Pacific Co.)	S	Marked			6			1						7
		W	Marked										5	5	10
	Naselle R. System Totals	S	Marked			6		1	1	2					10
W	Marked	9								42	302	184	33	24	594
Nemah R. System	Nemah River	W	Marked											15	15
North R. System	North River	W	Marked									131	140	64	335
	Smith Creek (Pacific Co.)	W	Marked										3	3	6
	North River System Totals	W	Marked									131	143	67	341

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																		
System	Water	Race	Mark Type	2013								2014			Total			
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar		
Queets R. System *	Clearwater River	S	Marked	6											6			
		W	Marked									9	9	5	23			
			Unmarked	5										14	24	43		
	Total			5									9	9	19	24	66	
	Queets River	S	Marked	11				17	6						34			
		W	Marked									9	75	137	13	234		
			Unmarked											4	4	8		
	Total											9	75	137	17	4	242	
	Salmon River (Jefferson Co.)	S	Marked	6											6			
		W	Marked									13			31	49	93	
	Queets R. System Totals	S	Marked	11				17	18						46			
W		Marked									9	97	177	67	350			
		Unmarked	5											18	28	51		
Total			5									9	97	177	85	28	401	
Quillayute R. System *	Bogachiel River	S	Marked	81				43	12	2						138		
		W	Marked	21									188	765	183	21	56	1,234
			Unmarked	4											21	47	72	
	Total			25									188	765	183	42	103	1,306
	Calawah River	S	Marked	205				114	107	98	102						626	
		W	Marked									81	192	90	9	21	393	
			Unmarked											4	26	30		
	Total											81	192	90	13	47	423	
	Dickey River (Clallam Co.)	W	Marked									4			9	4	17	
			Unmarked														9	9
	Total											4			9	4	9	26
Quillayute River	S	Marked	2				12	2	5						21			
	W	Marked									30			17		4	51	
		Unmarked													13	17	30	
Total											30			17	13	21	81	

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																
System	Water	Race	Mark Type	2013									2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
Quillayute R. System * (cont.)	Sol Duc River	S	Marked	10	60	83	17	7	2						179	
		W	Marked	51						13	26	26	56	86	258	
			Unmarked	26									30	111	167	
			Total	77							13	26	26	86	197	425
	Quillayute R. System Totals	S	Marked	10	348	252	138	107	109						964	
		W	Marked	72						282	1,017	325	90	167	1,953	
Unmarked	30										68	210	308			
Total	102								282	1,017	325	158	377	2,261		
Quinault R. System *	Cook Creek	S	Marked			3								3		
		W	Marked							5				5		
	Quinault R., Lower (below L. Quinault, not Cook Cr.)	W	Marked								10	10	10		30	
	Quinault R., Upper (above L. Quinault)	W	Marked	5										15	20	
			Unmarked	5											15	20
	Total	10												30	40	
	Quinault R. System Totals	S	Marked			3									3	
W		Marked	5							15	10	10	15	55		
		Unmarked	5										15	20		
Total	10								15	10	10	30	75			
Suez R. System *	Sooes River (Clallam Co.)	W	Marked							10	15			25		
Willapa R. System	Willapa R, So. Fork	S	Marked					11						11		
		W	Marked								25	19	3	47		
	Willapa River	S	Marked						23	11				34		
		W	Marked								39	203	130	25	8	405
	Willapa R. System Totals	S	Marked					11	23	11				45		
		W	Marked								39	228	149	28	8	452

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COASTAL RIVERS AND MARINE CATCH AREAS																
System	Water	Race	Mark Type	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Coastal Rivers/Streams and Marine Catch Area Totals	S	Marked		34	968	1,111	867	282	238						3,500	
			Total	34	968	1,111	867	282	238						3,500	
	W	Marked		174							727	3,213	3,118	1,976	1,702	10,910
			Unmarked	49											100	317
Total			223							727	3,213	3,118	2,076	2,019	11,376	

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES															
System	Water	Race	Mark Type	2013								2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Abernathy Cr. System	Abernathy Creek	S	Marked			3	10								13
		W	Marked											4	4
Columbia R. Mainstem	Columbia R 01: Buoy 10 to Tongue Pt.-Rocky Pt.	S	Marked		7	11	18	74	4						114
		W	Marked	4							4			4	12
	Columbia R 02: Tongue Pt. Rocky Pt. to Longview Br.	S	Marked		445	1,006	1,615	1,536	33						4,635
		W	Marked	18							8	4	8	6	44
	Columbia R 03: Longview Br. to I-5 Br.	S	Marked		39	83	1,216	2,082	60						3,480
		W	Marked	2							4	19	4	3	32
	Columbia R 04: I-5 Br. to Bonneville Dam	S	Marked			1	384	785	1						1,171
		W	Marked									8			8
Columbia R 05: Bonneville to The Dalles Dam	S	Marked		4	14	120	573	35	39	14	11			810	
Columbia R 06: The Dalles to John Day Dam	S	Marked				21	32	39	25	18	11	14	14	11	185

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																	
System	Water	Race	Mark Type	2013									2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Columbia R. Mainstem (cont.)	Columbia R 07: John Day to McNary Dam	S	Marked	18	4	21	32	21	14	110	96	25	25	11	46	423	
	Columbia R 08: McNary Dam - Hwy 395 Bridge @ Pasco	S	Marked		4	4	39	60	78	773	209	96	50	14	28	1,355	
	Columbia R 09: Hwy 395 Bridge to old Hanford townsite	S	Marked	145		11	11	7	32	649	446	213	113	64	645	2,336	
	Columbia R 12: Rock Island to Rocky Reach Dam	S	Marked	7			4	11	21	18	4			11	7	83	
	Columbia R 13: Rocky Reach to Wells Dam	S	Marked							14	50	11		14	101	190	
	Columbia R 14: Wells to Chief Joseph Dam	S	Marked				4	7	4	180	145	230	99	74	46	789	
	Columbia R. Mainstem Totals	S	Marked	170	503	1,151	3,464	5,188	321	1,808	982	597	301	202	884	15,571	
		W	Marked	24								12	35	12		13	96
Cowlitz R. System	Blue Creek (Lewis Co.)	S	Marked		8	31	34		8	27						108	
		W	Marked	11							25	64	89	64	168	421	
	Coweeman River	S	Marked			3											3
		W	Marked									19	39	13			71
	Cowlitz R. above Cowlitz Falls Dam	S	Marked						3	3							9
		W	Marked									3					15
	Cowlitz R. below Mayfield Dam	S	Marked		121	565	2,234	1,822	402	128							5,272
		W	Marked	1,081								348	1,868	1,038	407	3,082	8,937

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																
System	Water	Race	Mark Type	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Cowlitz R. System (cont.)	Cowlitz R. between Mayfield & Cowlitz Falls Dams	S	Marked			7	4	11		4					26	
		W	Marked	7							14	14			35	
	Green River (Cowlitz Co.)	S	Marked		35	24			7	3					69	
		W	Marked									6			6	
	Olequa Creek (Cowlitz Co.)	W	Marked								6	3			9	
	Tilton River	W	Marked							3			3		6	
	Toutle River, No. Fork	S	Marked		24			3	24						51	
	Toutle River, So. Fork	S	Marked		17	73	111	45	62	3					311	
		W	Marked								19				19	
	Cowlitz R. System Totals	S	Marked		176	927	2,424	1,905	501	155					6,088	
W		Marked	1,088							377	1,913	1,100	423	3,085	7,986	
Elochoman R. System	Elochoman River above Foster Rd Bridge	W	Marked								11	4		15		
	Elochoman River below Foster Rd Bridge	S	Marked		10									10		
		W	Marked							22	29	44	15	110		
	Elochoman R. System Totals	S	Marked		10									10		
W		Marked							22	40	48	15	125			
Germany Cr. System	Germany Creek	W	Marked							4				4		
Grande Ronde R. System	Grande Ronde River	S	Marked	184					13	793	539	142	422	301	580	2,974
Grays R. System	Grays River above Barr Rd Bridge	S	Marked		41	10			10						61	
		W	Marked							93	67	18	4	182		
	Grays River, East Fork	S	Marked						10						10	

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																	
System	Water	Race	Mark Type	2013								2014			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Grays R. System (cont.)	Grays River, West Fork	S	Marked							10					10		
		W	Marked								4	44	18	4	70		
	Grays R. System Totals	S	Marked			41	10			30					81		
	W	Marked									4	137	85	22	4	252	
Kalama R. System	Kalama River above Kalama Falls Hatchery	S	Marked					3	6	6	6	11	3		3	38	
		W	Marked														
	Kalama River below Modrow Bridge	S	Marked			72	92	210	184	66	49						673
		W	Marked	69									55	46	74	23	37
	Kalama River between Modrow Bridge and Kalama Falls Hatchery	S	Marked			9	52	49	63	40	14						227
		W	Marked	3									29	51	23	17	37
Kalama R. System Totals	S	Marked			81	144	259	250	112	69	6	11	3		3	938	
	W	Marked	72									84	97	97	40	74	464
Klickitat R. System	Klickitat River above Fishway 5	S	Marked			18	119	201	50	96	46					530	
		W	Marked														
	Klickitat River below Fishway 5	S	Marked	18	36	104	54	218	132	106	50	23	5	9			755
Klickitat R. System Totals	S	Marked	18	36	122	173	419	182	202	96	23	5	9			1,285	
Lewis R. System	Lewis River (below E. Fork)	S	Marked			14	58	53	19							144	
		W	Marked									21	55	7			83
	Lewis River, E. Fork	S	Marked			11	39	11	6		8						75
		W	Marked									62	149	45	24	7	287
	Lewis River, No. Fork	S	Marked			28	276	802	649	253	61						2,069
		W	Marked	17									62	175	72	17	3
Lewis R. System Totals	S	Marked			39	329	871	708	272	69						2,288	
W	Marked	17										145	379	124	41	10	716

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																
System	Water	Race	Mark Type	2013								2014			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	3	9	11	266	2,898	1,435	32	9	17				4,680
Methow R. System	Methow River	S	Marked							1,012	336	25	103	106	135	1,717
Mill Cr. System (Lewis Co.)	Mill Creek (Lewis Co.)	S	Marked			3										3
Mill Cr. System (Cowlitz)	Mill Creek (Cowlitz Co.)	S	Marked				3	3		7						13
		W	Marked												7	7
Okanogan R. System	Okanogan River	S	Marked							69	124	17	12	17	101	340
	Similkameen River	S	Marked								23	3	20	14	248	308
	Okanogan R. System Totals	S	Marked							69	147	20	32	31	349	648
Rock Cr. System (Skamania)	Rock Creek (Skamania Co.)	S	Marked								3					3
Salmon Cr. System (Clark)	Salmon Creek (Clark Co.)	W	Marked									33	11	7		51
Snake R. Mainstem	Snake R 1: below Ice Harbor Dam	S	Marked			3		14	58	21	14		7	3		120
	Snake R 2: Ice Harbor to Lower Monumental Dam	S	Marked				35	173	842	300	231		83	93	35	1,792
	Snake R 3: Lower Monumental to Little Goose Dam	S	Marked			14	10	24	262	1,419	400	179	228	117	131	2,784
	Snake R 4: Little Goose to Lower Granite Dam	S	Marked					31	152	438	138	90	162	34	66	1,111
	Snake R 5: Lower Granite Dam to Interstate Bridge, Clarkston	S	Marked					24	296	901	378	83	193	17		1,892

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																	
System	Water	Race	Mark Type	2013								2014			Total		
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar	
Snake R. Mainstem (cont.)	Snake R 6: upstream of the Interstate Bridge, Clarkston	S	Marked			10	24	110	237	2,108	674	127	155	144	10	3,599	
	Snake R. Mainstem Totals	S	Marked			24	37	224	1,134	5,766	1,911	724	828	408	242	11,298	
Tucannon R. System	Tucannon River	S	Marked						118	196	67		6			387	
Walla Walla R. System	Mill Creek (Walla Walla Co.)	S	Marked							4			4			8	
	Touchet River	S	Marked								4	4	52	28	76	164	
	Walla Walla River	S	Marked						149	479	209	48	52	40	8	985	
	Walla Walla R. System Totals	S	Marked						149	483	213	52	108	68	84	1,157	
Washougal R. System	Washougal River above County Line Access	S	Marked			2					5					7	
		W	Marked									11	23	4	4	42	
	Washougal River below County Line Access	S	Marked			12	39	5	2	10	5						73
		W	Marked			8							57	236	42	11	8
	Washougal River, West Fork	S	Marked			10	7			5							22
		W	Marked										4	4	8		16
Washougal R. System Totals	S	Marked			12	51	12	2	15	10						102	
	W	Marked			8							68	263	50	23	8	420
Wenatchee R. System	Icicle Creek	S	Marked								7			3		10	
	Wenatchee River	S	Marked								71	34		30	14	149	
	Wenatchee R. System Totals	S	Marked								78	34		33	14	159	
White Salmon R. System	Big White Salmon River	S	Marked			14	25	35	14							88	
		W	Marked										4			4	
Wind R. System	Wind River below Shipherd Falls	S	Marked			9		33	1,222	160	19	5		9		1,457	

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

COLUMBIA RIVER AND TRIBUTARIES																
System	Water	Race	Mark Type	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Columbia River and Tributary System Totals (All non-Boldt)		S	Marked	375	873	2,861	7,621	12,854	4,434	10,825	4,348	1,611	1,817	1,158	2,291	51,068
		W	Marked	1,220								737	2,969	1,616	635	3,373

Table 31. 2013-2014 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 Type	2013								2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		Mar
Marine Water *	Area 5: W Juan de Fuca	S	Marked							6						6
		W	Marked	2												2
	Area 6: E Juan de Fuca	S	Marked				6									6
		W	Marked											2		2
	Area 7: San Juan Islands	W	Marked										2			2
	Area 8-2: Port Susan-Port Gardner	W	Marked									4				4
	Area 9: Admiralty Inlet	S	Marked				6	6								12
		W	Marked	5								2		5	5	9
	Area 10: N Puget Sound	W	Marked										2			2
	Area 11: Mid-Puget Sound	W	Marked								2	2		4		2
Marine Water Totals	S	Marked				6	6	12								24
	W	Marked	7								2	8	13	5	13	48
Clallam R. System *	Clallam River	W	Marked									3		3		6
Dungeness R. System *	Dungeness River	S	Marked				3									3
		W	Marked							10	14		76			100
Elwha R. System*	Elwha River	W	Marked									1				1

Table 31. 2013-2014 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 Type	2013								2014			Total
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
Green-Duwamish R. Sys *	Green (Duwamish River) (King Co.)	S	Marked			197	201	121	103	89					711
		W	Marked								28	22	19		69
	Soos Creek	S	Marked			13	53							66	
	Green-Duwamish R. Sys. Totals	S	Marked			210	254	121	103	89					777
W		Marked								28	22	19		69	
Hoko R. System *	Hoko River	W	Marked								28	7	3	38	
Lyre R. System *	Lyre River	W	Marked								3	7		10	
Morse Cr. System *	Morse Creek (Clallam Co.)	W	Marked									3		3	
Nooksack R. System *	Nooksack River, No. Fork	W	Marked								7	31	45	83	
	Nooksack River, below North Fork	W	Marked									21		21	
	Nooksack R. System Totals	W	Marked								7	52	45	104	
Puyallup R. System*	Puyallup River	W	Marked									5		5	
Pysht R. System *	Pysht River	W	Marked							3				3	
Sekiu R. System *	Sekiu River	W	Marked									7		7	
Skagit R. System*	Cascade River	W	Marked							47	84	31	16	178	
	Skagit River	W	Marked							12	46	24		82	
	Skagit R. System Totals	W	Marked							59	130	55	16	260	
Snohomish R. System*	Raging River	S	Marked				11	4						15	
	Skykomish River	S	Marked			1,923	1,033	340	325	181				3,802	
		W	Marked								285	535	605	24	1,449
	Skykomish River, No. Fork	S	Marked			49	34	4	11	15				113	
		W	Marked								6	12	3	21	
	Skykomish River, So. Fork	S	Marked			4	19	11						34	
	W	Marked								3	3		6		

Table 31. 2013-2014 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 Type	2013							2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan		Feb
Snohomish R. System* (cont.)	Snohomish River	S	Marked			279	79	41	121	15				535	
		W	Marked							27	92	46		165	
	Snoqualmie River	S	Marked			23				4				27	
		W	Marked								37	458	204	21	720
	Sultan River	S	Marked				4							4	
	Tokol Creek	W	Marked									15	226	24	265
	Wallace River	S	Marked					4	8	15					27
		W	Marked									58	64	6	128
	Snohomish R. System Totals	S	Marked			2,278	1,169	411	469	230					4,557
W		Marked								358	1,173	1,148	75	2,754	
Stillaguamish R. System*	Stillaguamish R, No. Fork	S	Marked			14	9		5	27				55	
		W	Marked								9	172	76	3	260
	Stillaguamish River	S	Marked			9	5		9	9				32	
		W	Marked								3	3			6
	Stillaguamish R. System Totals	S	Marked			23	14		14	36					87
W		Marked									12	175	76	3	266
Whatcom Cr. System*	Whatcom Creek	W	Marked									7	34	7	48
Puget Sound, Strait of Juan de Fuca River Systems and Marine Catch Area Totals (All are Boldt Case Areas)		S	Marked			2,511	1,446	538	598	355				5,448	
		W	Marked			7					472	1,571	1,505	154	13

Table 31. 2013-2014 Steelhead Sport Catch, by Area and Month (continued)

UNKNOWN AREAS																	
System	Water	Race	Mark Type	2013									2014			Total	
				Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Total Unknown	S		Marked	24	42	63	119	91	56							395	
			Unmarked				7									7	
			Total	24	42	70	119	91	56							402	
	W		Marked									37	75	60	60	22	254
			Unmarked													7	7
			Total									37	75	60	60	29	261

Table 32. 2013-2014 Washington Sport Steelhead Fishing, by Residence

County of Residence	Number of Catch Record Cards	Population by County	% Catch Record Card Holders	Total Steelhead	Average Catch per Card
Adams	1,317	19,067	6.9	325	0.25
Asotin	2,112	22,110	9.6	1,035	0.49
Benton	16,411	184,486	8.9	4,818	0.29
Chelan	7,102	73,967	9.6	1,084	0.15
Clallam	10,999	72,312	15.2	2,168	0.20
Clark	37,159	443,817	8.4	9,125	0.25
Columbia	506	4,032	12.5	256	0.51
Cowlitz	17,923	101,860	17.6	7,449	0.42
Douglas	3,438	39,471	8.7	444	0.13
Ferry	336	7,646	4.4		
Franklin	6,766	86,638	7.8	2,207	0.33
Garfield	324	2,256	14.4	20	0.06
Grant	4,827	91,878	5.3	207	0.04
Grays Harbor	11,295	71,078	15.9	2,680	0.24
Island	16,425	78,801	20.8	276	0.02
Jefferson	4,581	30,076	15.2	138	0.03
King	115,789	2,044,449	5.7	9,055	0.08
Kitsap	24,841	253,968	9.8	739	0.03
Kittitas	2,964	41,765	7.1	69	0.02
Klickitat	2,919	20,866	14.0	936	0.32
Lewis	10,606	75,081	14.1	4,306	0.41
Lincoln	698	10,301	6.8	49	0.07
Mason	6,980	60,497	11.5	818	0.12
Okanogan	3,485	41,193	8.5	1,261	0.36
Pacific	3,848	20,498	18.8	946	0.25
Pend Oreille	454	12,896	3.5	49	0.11
Pierce	74,335	819,743	9.1	5,154	0.07
San Juan	2,517	15,875	15.9	10	0.00
Skagit	22,471	118,837	18.9	345	0.02
Skamania	1,214	11,274	10.8	758	0.62
Snohomish	78,784	745,913	10.6	5,646	0.07
Spokane	14,748	479,398	3.1	3,921	0.27
Stevens	1,419	43,430	3.3	207	0.15
Thurston	24,651	262,388	9.4	4,070	0.17
Wahkiakum	1,127	4,042	27.9	907	0.80
Walla Walla	4,521	59,530	7.6	2,453	0.54
Whatcom	20,055	206,353	9.7	680	0.03
Whitman	1,925	46,570	4.1	601	0.31
Yakima	15,479	247,044	6.3	3,902	0.25
Unknown WA	1,240			374	0.30
Washington Total	578,591	6,971,406	8.3	79,488	0.14
Other State Total	50,265			6,720	0.13
Canada	2,107			39	0.02
Other	575			79	0.14
Grand Total	631,538			86,326	0.14

Source: Table 1: Annual Estimates of the Resident Population for Counties of Washington: April 1, 2010 to July 1, 2013.
 Source: Population Division, U.S. Census Bureau. Release Date: March 2014.

Table 33. 2013-2014 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	602,070	602,070	95.3%	95.3%	0	0	0.0%	0.0%
1	14,051	616,121	2.2%	97.6%	14,051	14,051	16.3%	16.3%
2	6,423	622,544	1.0%	98.6%	12,846	26,897	14.9%	31.2%
3	2,788	625,332	0.4%	99.0%	8,364	35,261	9.7%	40.9%
4	1,783	627,115	0.3%	99.3%	7,132	42,393	8.3%	49.1%
5	1,113	628,228	0.2%	99.5%	5,565	47,958	6.5%	55.6%
6	640	628,868	0.1%	99.6%	3,840	51,798	4.5%	60.0%
7	384	629,252	0.1%	99.6%	2,688	54,486	3.1%	63.1%
8	355	629,607	0.1%	99.7%	2,840	57,326	3.3%	66.4%
9	286	629,893	0.1%	99.7%	2,574	59,900	3.0%	69.4%
10	266	630,159	0.0%	99.8%	2,660	62,560	3.1%	72.5%
11	118	630,277	0.0%	99.8%	1,298	63,858	1.5%	74.0%
12	236	630,513	0.0%	99.8%	2,832	66,690	3.3%	77.3%
13	118	630,631	0.0%	99.9%	1,534	68,224	1.8%	79.0%
14	118	630,749	0.0%	99.9%	1,652	69,876	1.9%	80.9%
15	128	630,877	0.0%	99.9%	1,920	71,796	2.2%	83.2%
16	49	630,926	0.0%	99.9%	784	72,580	0.9%	84.1%
17	49	630,975	0.0%	99.9%	833	73,413	1.0%	85.0%
18	59	631,034	0.0%	99.9%	1,062	74,475	1.2%	86.3%
19	49	631,083	0.0%	99.9%	931	75,406	1.1%	87.3%
20	69	631,152	0.0%	99.9%	1,380	76,786	1.6%	88.9%
21	59	631,211	0.0%	100.0%	1,239	78,025	1.4%	90.4%
22	49	631,260	0.0%	100.0%	1,078	79,103	1.3%	91.6%
23	20	631,280	0.0%	100.0%	460	79,563	0.5%	92.2%
24	69	631,349	0.0%	100.0%	1,656	81,219	1.9%	94.1%
25	59	631,408	0.0%	100.0%	1,475	82,694	1.7%	95.8%
26	20	631,428	0.0%	100.0%	520	83,214	0.6%	96.4%
27	39	631,467	0.0%	100.0%	1,053	84,267	1.2%	97.6%
28	10	631,477	0.0%	100.0%	280	84,547	0.3%	97.9%
30	49	631,526	0.0%	100.0%	1,470	86,017	1.7%	99.6%
31	10	631,536	0.0%	100.0%	310	86,327	0.4%	100.0%
Total	631,536		100.0%		86,327		100.0%	

Table 34. 2013-2014 Sport Steelhead Inventory of Catch Record Cards Reported

Response Type	With Catch	No Catch	Total Reports	Number of Steelhead	Catch per Card
Prior to reminder	187	8,260	8,447	404	0.05
After 1st reminder postcard	2,602	42,355	44,957	7,862	0.17
After 2nd reminder postcard	182	4,345	4,527	446	0.10
From license dealer	17	921	938	51	0.05
Total	2,988	55,881	58,869	8,763	0.15

Marine Fish

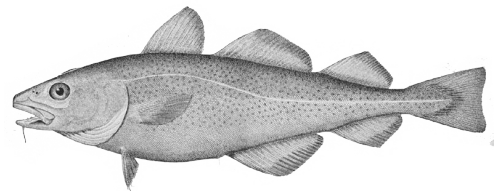
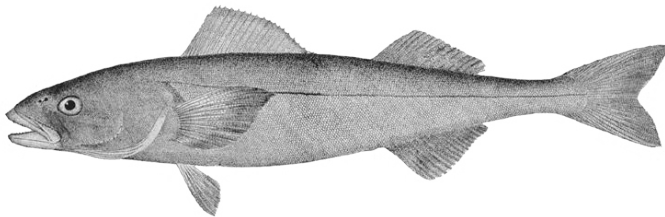
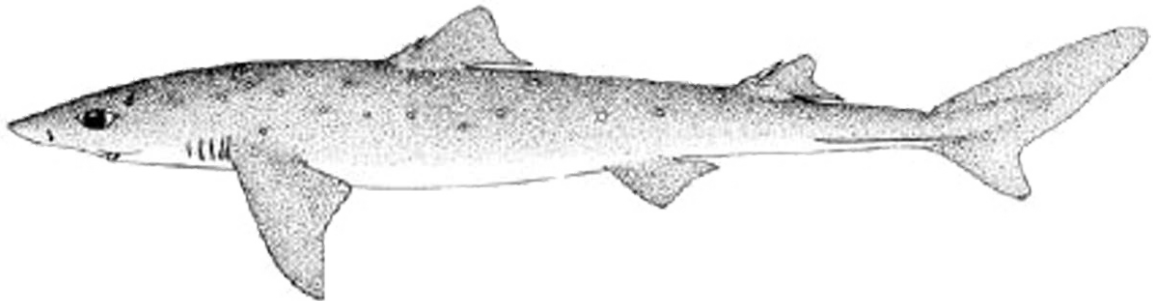
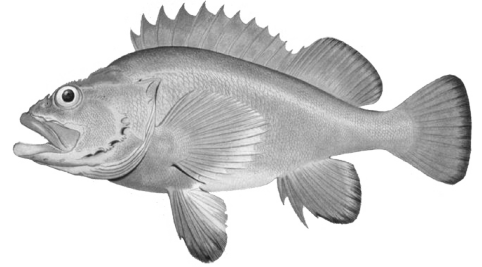
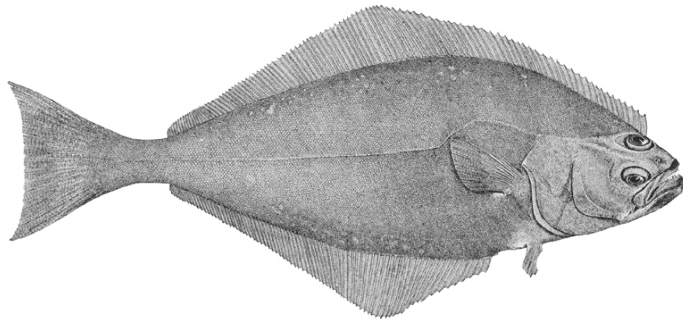


Table 35. 2013 Coastal Marine Fish Catch

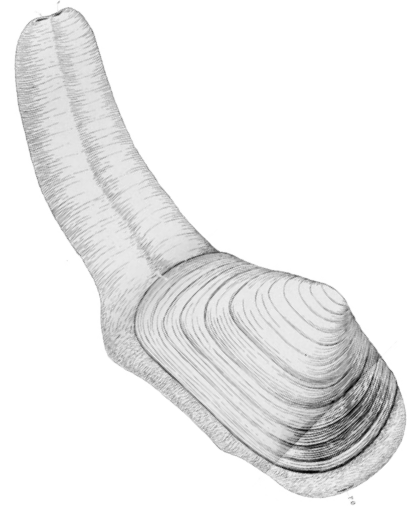
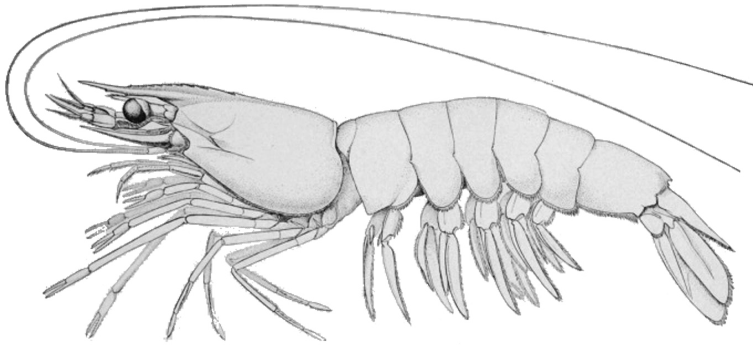
Species	Catch Area					Total
	Area 1 Ilwaco	Area 2 Westport	Area 3 La Push	Area 4 Neah Bay (Ocean)	Area 4B Neah Bay (Strait)	
Black Rockfish	10,317	152,409	37,281	34,937	22,012	256,956
Blue Rockfish	1	71	139	548	268	1,027
Yellowtail Rockfish	3,020	16,090	289	1,753	249	21,401
China Rockfish	21	50	627	2,429	242	3,369
Quillback Rockfish	43	259	35	380	170	887
Copper Rockfish	8	19	111	623	174	935
Canary Rockfish		2		49	10	61
Yelloweye Rockfish	3			13	10	26
Tiger Rockfish	35	13	20	70	24	162
Vermillion Rockfish	7	4	37	470	20	538
Boccaccio		5	53	27		85
Other Rockfish	5	121	1	24		151
Lingcod	1,276	17,605	6,405	8,375	4,958	38,619
Kelp Greenling	454	446	409	2,291	1,665	5,265
Pacific Cod		32		53	9	94
Cod (general)		21		21		42
Cabazon	141	216	560	1,149	407	2,473
Flatfish	25	1,492	8	136	23	1,684
Surf Perch	401	14		2	7	424
Albacore Tuna	15,553	37,297	1,417	86		54,353
Sharks and Skates	66	7		5	3	81
Miscellaneous	327	2,103	90	204	72	2,796

Table 36. Coastal Washington Recreational Pacific Halibut Catch - 2000-2013

Year	Columbia Catch Area 1	South Coast Catch Area 2	North Coast Catch Areas 3-4
2000	370	1,980	4,286
2001	387	2,085	5,752
2002	347	1,644	5,219
2003	327	2,482	5,576
2004	447	3,455	5,627
2005	518	2,981	5,046
2006	693	2,377	4,562
2007	585	2,017	3,136
2008	667	2,375	4,408
2009	391	2,328	4,841
2010	428	2,259	5,438
2011	480	2,613	4,931
2012	350	2,588	5,130
2013	292	2,664	5,387

Table 37. 2013 Sport Bottomfish Catch by Boat-Based Anglers in Puget Sound

Species	Marine Area										Puget Sound Total	
	5	6	7	8-1	8-2	9	10	11	12	13		
Pacific Halibut	1,184	4,254	500			461						6,399
Starry Flounder		3			21	99	16	8		1,348		1,495
Soles	10	11	11		937	528	1,727	1,064		1,853		6,141
Sanddabs		33	3,449	137	2,952	1,209	15,470	6,478		7,509		37,237
Misc. Flatfish	22	7	473	135	10,485	8,325	3,548	11,542		2,916		37,453
Sablefish												0
Lingcod	285	242	4,234	217	62	480	585	38		21		6,164
Greenlings	4,664	621	3,796	203		21	32	5		14		9,356
Copper Rockfish	23				15		7					45
Quillback Rockfish	15	20					7					42
Brown Rockfish							8					8
Black Rockfish	2,274					7	172					2,453
Yellowtail Rockfish	6											6
Vermillion Rockfish	8											8
Canary Rockfish	33											33
China Rockfish	2											2
Other Rockfishes	24		49				4	20		58		155
Pacific Cod	1,893	212										2,105
Walleye Pollock	3											3
Pacific Hake												0
Cabazon	20	64	277	3		28	8					400
Other Sculpins	2			7	26	46	387	167		14		649
Perches					536	889	1,407					2,832
Wolf-Eel												0
Spiny Dogfish	4	85	150		53	87	98	280		501		1,258
Ratfish							7					7
Skates	3											3
Octopus	3	3	4					3				13
Total	10,478	5,555	12,943	702	15,087	12,180	23,483	19,605	0	14,234		114,267



Shellfish

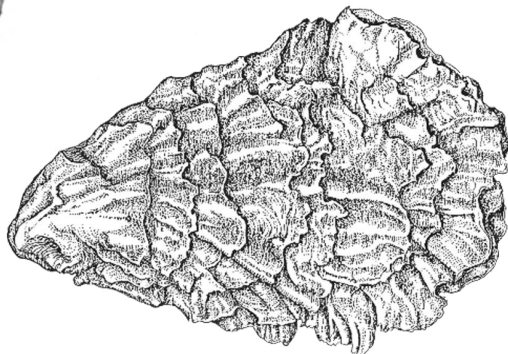
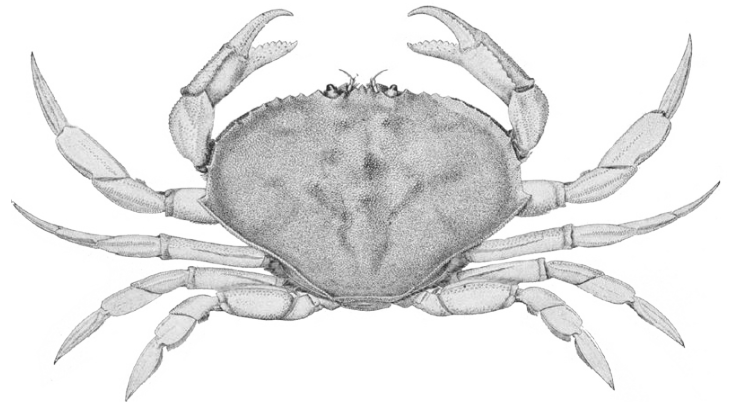


Table 38. 2013-2014 Seasonal Summary of Sport Razor Clam Digging on Ocean Beaches

Location	Fall / Winter			Spring		
	Digger Trips	Clams Per Trip	Number of Clams	Digger Trips	Clams Per Trip	Number of Clams
Long Beach	95,130	12.6	1,203,132	86,111	12.8	1,105,826
Twin Harbors	68,812	13.6	934,725	51,060	14.2	722,686
Copalis	46,515	14.3	664,232	28,683	13.6	390,922
Mocrocks	54,842	13.4	732,734	19,894	14.1	279,925
Kalaloch	0		0	0		0
Total	265,299	13.3	3,534,823	185,748	13.5	2,499,359

Fall/Winter digs took place on evening tides between September 19, 2013 and March 29, 2014. Spring digs occurred on morning tides between March 30, 2014 to June 1, 2014

Table 39. 2013 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	2,021	156	3,608	476	965	71	300	0	5,576	21,727
7	Birch Bay SP	11,439	2,796	9,309	37,976	3,952	355	3,661	59	58,108	0
8-1	West Penn Cove	14,469	31	1,170	78,154	5,495	8	1,657	0	86,515	0
9	Fort Flagler SP	2,651	0	4,461	11,029	132	13	2,546	0	18,181	0
	Oak Bay CP	2,324	993	880	8,658	951	34	2,574	0	14,090	0
	P. T. Ship Canal East	1,839	18	550	12,689	72	1	2,295	0	15,625	0
	S Indian Island CP	2,422	2,193	1,668	4,499	293	18	1,278	0	9,949	0
	Shine Tidelands SP	3,808	1,897	1,311	9,224	8,040	60	1,500	259	22,291	0
	Wolfe Prop SP	4,964	8,774	755	3,077	1,121	174	4,988	0	18,889	33,913
12	Dabob Broad Spit	413	1,011	53	2	48	0	53	299	1,466	2,107
	E Dabob	300	821	3	0	0	0	0	0	824	2,042
	Quilcene Tidelands	1,741	2,403	1	0	0	0	0	0	2,404	12,292
	Dosewallips SP App.	13,178	22,327	843	9	66	126	0	2,169	25,540	150,622
	Kitsap Memorial SP	142	0	0	0	0	0	0	0	0	1,665
	S Zelatched Point	0	0	0	0	0	0	0	0	0	0
	Toandos Peninsula SP	0	0	0	0	0	0	0	0	0	0
	Pt. Whitney Tidelands	1,503	1,105	127	72	7	2	5	0	1,318	16,902
	Pt. Whitney Lagoon	427	596	0	0	0	0	0	0	596	0
	Eagle Creek	1,069	0	0	0	0	0	0	0	0	15,689
	DNR-44A W Dewatto	1,199	0	0	0	0	0	0	0	0	14,536
	Rendsland Creek	652	0	0	0	0	0	0	0	0	8,999
	Scenic Beach SP	33	0	0	0	0	0	0	0	0	481
	Potlatch West SP-DNR	9,318	8,421	3,704	4,870	6,938	70	760	0	24,763	82,428
	Belfair SP	1,864	684	0	0	65	3	0	0	752	26,895
	Duckabush	3,555	6,766	429	635	814	21	506	0	9,171	26,403
Triton Cove Tidelands	1,197	850	84	131	54	0	0	0	1,119	16,232	
Lilliwaup SP	3,692	0	0	0	0	0	0	0	0	39,909	
Twanoh SP	6,487	6,109	27	44	1	13	0	0	6,194	84,136	
13	North Bay	18,311	49,954	2,988	328	319	181	15	0	53,785	0
	Penrose Pt SP	2,892	3,961	1,577	482	42	189	1,982	1,753	9,986	0
	Hope Island SP	464	44	78	2,833	1	7	400	1,009	4,372	490
	Oakland Bay Ogg	2,235	3,702	5	41	0	0	0	0	3,748	16,562
Total		116,609	125,612	33,631	175,229	29,376	1,346	24,520	5,548	395,262	574,030

Table 40. 2013 Hood Canal Sport Spot Shrimp Fishery

Area	Date	Number of Boats	Pounds	CPUE (lbs. per boat)
12	May (5 Days)	5,712	97,137	16.6
Total		5,712	97,137	17.0

Table 41. 2013 Puget Sound Sport Spot Shrimp Fishery

Area	Date	Number of Boats	Pounds	CPUE (lbs. per boat)
4, 5, 6	May - June	1,108	11,072	10.0
7	May-Sept	2199	30,669	13.9
8-1 & 8-2	May-June (3 Days)	1040	18,535	17.8
9	May (2 Days)	476	7,965	16.7
10	May (3 Days)	557	10,077	18.1
11	May-June (4 Days)	269	2583	9.6
13	May	NA	NA	NA
Total		5,649	80,901	14.3

Table 42. 2013-2014 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	873	59
5	Seki/Pillar Point	3,317	648
6	Port Angeles Harbor, Dungeness & Sequim Bays, Discovery Bay	79,459	21,978
7	Gulf of Georgia, North of San Juan Islands, Bellingham Bay, Samish Bay, San Juan Islands, Anacortes	449,012	77,965
8-1	Skagit Bay, North Saratoga Passage, Holmes Harbor	322,042	19,482
8-2	South Saratoga Passage, Port Susan, Port Gardner	278,653	33,316
9 ¹	Admiralty Inlet, Port Townsend Bay, Useless Bay	101,087	22,157
10	Seattle/Kingston, Port Orchard	165,944	438
11	Colvos Pass, East Pass	88,074	221
12, 9 ²	Port Ludlow/Port Gamble, Upper Hood Canal, Central Hood Canal, Lower Hood Canal	217,822	37,425
13	South Puget Sound	36,704	13,279
Total		1,742,987	226,968

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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