

Arctic / Yukon / Kuskokwim Salmon Fisheries:

Permits Issued, Permits Fished, Pounds Landed, and
Estimated Gross Earnings,

1987 - 1997

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This report was prepared at the request of Jay Nelson of the Office of the Governor. The report compares the Arctic/Yukon/Kuskokwim (AYK) salmon fisheries with respect to permits issued, permits fished, pounds landed, and gross earnings over the 1987 - 1997 time period.

Table 1 provides time-series data for the six AYK salmon fisheries. It shows the annual number of interim-use permits, limited entry permits, and total permits that were issued for each of the fisheries. Table 1 also shows the number of permits that were fished in a year. Each year, there are persons who renew their permits but choose not to fish them. Note the number of permits fished is *not* a count of unique individuals who fished in a year because more than one person may fish a permit if it is transferred in-season. Permits may be transferred permanently or temporarily, subject to CFEC approval.

Table 1 also provides time-series data on estimated gross earnings and total pounds landed in the respective fisheries. Pounds landed comes from ADFG fish ticket data and includes only commercial catches. Catches associated with test fishing, educational permits, subsistence, or other harvests are excluded. At this time 1997, data should be considered preliminary as changes may occur to the data base.

Estimates of gross earnings are calculated by CFEC. CFEC arrives at the estimates by calculating weighted-average ex-vessel prices for each salmon species in each AYK management area and for each gear type. These prices are applied to fish ticket data to calculate estimated gross earnings.

Table 1 percentages for permits issued, permits fished, gross earnings, and pounds landed represent column percentages for the year. For example, in 1987, 832 permits were issued in the Kuskokwim gill net fishery. This represents 38.0 percent of all permits issued in the six AYK fisheries in that year. Some of the column percentages do not precisely sum to 100.0 due to rounding to the nearest 1/10.

Table 2 contains similar information as Table 1, except the number of permits issued, permits fished, pounds landed, and gross earnings are summed over the entire 1987-1997 time period. Again, the table percentages represent column percentages for all six AYK fisheries over the time period.

Information in these tables comes from data compiled by CFEC for their Basic Information Reports, which are available on-line at <http://www.cfec.state.ak.us/spcs/menus.htm>.

Table 1.
Arctic / Yukon / Kuskokwim Salmon Fisheries
Permits Issued, Permits Fished, Pounds Landed, and Estimated Gross Earnings: 1987-1997

Year	Fishery	Interim Use Permits Issued	Limited Entry Permits Issued	Total Permits Issued	Annual % of Permits Issued	Total Permits Fished	Annual % of Permits Fished	Total Gross Earnings	Annual % of Gross Earnings	Total Pounds Landed	Annual % of Pounds Landed
1987	Kuskokwim Gill Net	3	829	832	38.0	798	41.6	\$6,825,918	45.2	9,797,092	55.3
	Norton Sound Gill Net	1	201	202	9.2	164	8.6	\$517,894	3.4	1,059,330	6.0
	Kotzebue Gill Net	1	219	220	10.0	158	8.2	\$555,962	3.7	897,568	5.1
	Lower Yukon Gill Net	3	703	706	32.2	656	34.2	\$6,793,947	45.0	5,435,211	30.7
	Upper Yukon Gill Net	0	71	71	3.2	33	1.7	\$74,068	0.5	103,172	0.6
	Upper Yukon Fish Wheel	28	133	161	7.3	108	5.6	\$344,922	2.3	413,803	2.3
1988	Kuskokwim Gill Net	3	828	831	37.9	812	40.6	\$13,981,321	45.3	16,692,404	50.6
	Norton Sound Gill Net	1	201	202	9.2	151	7.6	\$760,641	2.5	1,340,309	4.1
	Kotzebue Gill Net	1	219	220	10.0	192	9.6	\$2,689,489	8.7	3,057,540	9.3
	Lower Yukon Gill Net	3	704	707	32.3	677	33.9	\$11,857,416	38.4	10,560,390	32.0
	Upper Yukon Gill Net	1	70	71	3.2	43	2.2	\$288,133	0.9	212,933	0.6
	Upper Yukon Fish Wheel	27	133	160	7.3	124	6.2	\$1,300,707	4.2	1,134,325	3.4
1989	Kuskokwim Gill Net	3	828	831	37.9	820	42.2	\$5,978,036	34.4	11,147,667	43.3
	Norton Sound Gill Net	1	201	202	9.2	110	5.7	\$319,489	1.8	741,018	2.9
	Kotzebue Gill Net	1	219	220	10.0	163	8.4	\$721,380	4.1	2,183,270	8.5
	Lower Yukon Gill Net	3	704	707	32.3	682	35.1	\$8,536,722	49.1	10,133,792	39.4
	Upper Yukon Gill Net	1	69	70	3.2	42	2.2	\$309,421	1.8	221,922	0.9
	Upper Yukon Fish Wheel	27	133	160	7.3	127	6.5	\$1,529,804	8.8	1,324,760	5.1
1990	Kuskokwim Gill Net	4	829	833	38.1	819	42.6	\$5,248,496	40.8	9,127,893	53.6
	Norton Sound Gill Net	1	200	201	9.2	127	6.6	\$473,378	3.7	1,079,967	6.3
	Kotzebue Gill Net	1	218	219	10.0	151	7.9	\$565,326	4.4	1,463,714	8.6
	Lower Yukon Gill Net	4	704	708	32.3	675	35.1	\$5,762,308	44.8	4,433,653	26.0
	Upper Yukon Gill Net	1	70	71	3.2	35	1.8	\$175,419	1.4	105,511	0.6
	Upper Yukon Fish Wheel	24	133	157	7.2	116	6.0	\$623,482	4.9	819,061	4.8
1991	Kuskokwim Gill Net	3	830	833	38.1	814	42.8	\$4,010,131	27.5	8,864,411	46.8
	Norton Sound Gill Net	1	200	201	9.2	125	6.6	\$413,359	2.8	1,175,558	6.2
	Kotzebue Gill Net	2	217	219	10.0	137	7.2	\$563,263	3.9	1,987,724	10.5
	Lower Yukon Gill Net	4	704	708	32.4	680	35.8	\$8,707,838	59.7	6,012,060	31.7
	Upper Yukon Gill Net	1	71	72	3.3	36	1.9	\$163,113	1.1	129,892	0.7
	Upper Yukon Fish Wheel	22	133	155	7.1	110	5.8	\$725,933	5.0	766,484	4.0
1992	Kuskokwim Gill Net	3	830	833	37.9	811	43.0	\$5,405,156	30.2	11,187,097	55.4
	Norton Sound Gill Net	1	200	201	9.2	109	5.8	\$463,616	2.6	1,494,164	7.4
	Kotzebue Gill Net	1	217	218	9.9	144	7.6	\$603,722	3.4	2,404,898	11.9
	Lower Yukon Gill Net	3	704	707	32.2	678	36.0	\$10,682,685	59.6	4,661,408	23.1
	Upper Yukon Gill Net	0	71	71	3.2	32	1.7	\$154,115	0.9	75,818	0.4
	Upper Yukon Fish Wheel	3	162	165	7.5	111	5.9	\$607,133	3.4	360,963	1.8

(con't)

Table 1 (con't).
Arctic / Yukon / Kuskokwim Salmon Fisheries
Permits Issued, Permits Fished, Pounds Landed, and Estimated Gross Earnings: 1987-1997

Year	Fishery	Interim Use Permits Issued	Limited Entry Permits Issued	Total Permits Issued	Annual % of Permits Issued	Total Permits Fished	Annual % of Permits Fished	Total Gross Earnings	Annual % of Gross Earnings	Total Pounds Landed	Annual % of Pounds Landed
1993	Kuskokwim Gill Net	3	829	832	38.0	797	43.2	\$4,046,977	39.1	6,727,902	60.5
	Norton Sound Gill Net	2	198	200	9.1	128	6.9	\$365,753	3.5	1,220,579	11.0
	Kotzebue Gill Net	1	214	215	9.8	114	6.2	\$232,619	2.2	604,315	5.4
	Lower Yukon Gill Net	3	704	707	32.3	682	37.0	\$5,378,271	52.0	2,421,420	21.8
	Upper Yukon Gill Net	0	72	72	3.3	35	1.9	\$95,252	0.9	44,985	0.4
	Upper Yukon Fish Wheel	2	164	166	7.6	88	4.8	\$224,981	2.2	98,760	0.9
1994	Kuskokwim Gill Net	2	830	832	38.0	793	44.5	\$5,371,261	46.8	10,879,338	60.0
	Norton Sound Gill Net	3	198	201	9.2	118	6.6	\$863,060	7.5	3,177,008	17.5
	Kotzebue Gill Net	0	215	215	9.8	109	6.1	\$256,841	2.2	1,167,324	6.4
	Lower Yukon Gill Net	4	703	707	32.3	659	37.0	\$4,459,562	38.8	2,493,896	13.8
	Upper Yukon Gill Net	0	72	72	3.3	30	1.7	\$98,454	0.9	48,653	0.3
	Upper Yukon Fish Wheel	1	164	165	7.5	73	4.1	\$438,409	3.8	356,623	2.0
1995	Kuskokwim Gill Net	2	830	832	38.0	796	44.3	\$4,340,348	35.4	11,386,158	52.8
	Norton Sound Gill Net	3	196	199	9.1	104	5.8	\$356,164	2.9	1,020,576	4.7
	Kotzebue Gill Net	0	215	215	9.8	91	5.1	\$312,609	2.6	2,343,186	10.9
	Lower Yukon Gill Net	4	703	707	32.3	663	36.9	\$5,874,194	48.0	5,603,130	26.0
	Upper Yukon Gill Net	0	73	73	3.3	36	2.0	\$178,998	1.5	76,985	0.4
	Upper Yukon Fish Wheel	2	164	166	7.6	106	5.9	\$1,185,569	9.7	1,132,057	5.3
1996	Kuskokwim Gill Net	2	828	830	38.0	715	44.0	\$2,952,750	35.9	12,117,033	64.1
	Norton Sound Gill Net	3	196	199	9.1	94	5.8	\$292,264	3.6	1,826,664	9.7
	Kotzebue Gill Net	0	214	214	9.8	55	3.4	\$56,631	0.7	640,828	3.4
	Lower Yukon Gill Net	4	703	707	32.3	627	38.6	\$3,850,635	46.8	3,606,327	19.1
	Upper Yukon Gill Net	0	72	72	3.3	28	1.7	\$198,656	2.4	82,484	0.4
	Upper Yukon Fish Wheel	2	163	165	7.5	107	6.6	\$878,063	10.7	616,044	3.3
1997	Kuskokwim Gill Net	1	827	828	38.0	702	44.0	\$1,052,173	14.3	3,390,064	37.6
	Norton Sound Gill Net	2	196	198	9.1	102	6.4	\$322,570	4.4	714,859	7.9
	Kotzebue Gill Net	0	211	211	9.7	67	4.2	\$186,770	2.5	1,158,194	12.8
	Lower Yukon Gill Net	4	701	705	32.4	640	40.1	\$5,578,284	75.6	3,422,440	37.9
	Upper Yukon Gill Net	0	72	72	3.3	22	1.4	\$50,205	0.7	50,551	0.6
	Upper Yukon Fish Wheel	2	161	163	7.5	63	3.9	\$189,286	2.6	284,218	3.2

Table 2.
Arctic / Yukon / Kuskokwim Salmon Fisheries
Permits Issued, Permits Fished, Pounds Landed, and Estimated Gross Earnings Summed Over the 1987-1997 Time Period

Fishery	1987-97 Sum of Issued Permit/Years	1987-97 Pct. of Issued Permit/Years	1987-97 Sum of Fished Permit/Years	1987-97 Pct. of Fished Permit/Years	1987-97 Sum of Gross Earnings	1987-97 Pct. of Gross Earnings	1987-97 Sum of Pounds Landed	1987-97 Pct. of Pounds Landed
Kuskokwim Gill Net	9,147	38.0	8,677	42.9	\$59,212,567	37.4	111,317,059	52.7
Norton Sound Gill Net	2,206	9.2	1,332	6.6	\$5,148,188	3.2	14,850,032	7.0
Kotzebue Gill Net	2,386	9.9	1,381	6.8	\$6,744,612	4.3	17,908,561	8.5
Lower Yukon Gill Net	7,776	32.3	7,319	36.2	\$77,481,862	48.9	58,783,727	27.8
Upper Yukon Gill Net	787	3.3	372	1.8	\$1,785,834	1.1	1,152,906	0.5
Upper Yukon Fish Wheel	1,783	7.4	1,133	5.6	\$8,048,289	5.1	7,307,098	3.5

