

THE USE OF AVERAGE WEIGHT TO ESTIMATE THE LEVEL OF HARVEST OF  
NON-LOCAL SOCKEYE SALMON WITHIN THE KODIAK MANAGEMENT AREA,  
DURING JULY 6-25, 1983-1995

By

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## INTRODUCTION

Since 1989, the Kodiak Management Area (KMA; Figure 1.) staff has been attempting to accurately estimate the amount of harvest of non-local sockeye salmon in the KMA by using differences in average weight between potentially contributing stocks, either as an indicator in conjunction with other methods (Barrett 1989; Barrett and Swanton 1991, Barrett and Swanton 1992) or as a stand alone analysis (Vining and Barrett 1994; Vining and Barrett 1995). The analysis was refined overtime, till a methodology was agreed upon by the Alaska Department of Fish and Game (ADF&G) Headquarters, Central and Westward Region staffs (Vining and Barrett 1995).

Estimates generated by this methodology have been presented at several Alaska Board of Fisheries (BOF) meetings. Each time the average weight method has been used as a sole approach, the public (Kodiak and Upper Cook Inlet (UCI) fishers) and BOF members have voiced strong concern about the estimates, due to the low confidence in some of the estimates. The most recent presentation on stock composition estimates based on average weights was during the Kodiak BOF meeting in November, 1995; there continued to be concern voiced regarding the methodology and hence the estimates.

This report serves as an update to Vining and Barrett (1995), by analyzing the 1995 harvest of sockeye salmon in the KMA during July 6-25 using the same techniques presented in Vining and Barrett (1995). Previous estimates from the 1983-1994 fishery seasons (Tables 1-4, Figures 1-4 and Appendices A-E) are presented for comparison.

## METHODS

The method and its assumptions used in the analysis of the 1983-1995 KMA catch composition are discussed within the Methods section of Vining and Barrett (1995). The definition of "relative range" can be found in Appendix A of Vining and Barrett (1995). While the criteria, and the justification for its use can be found in Appendix B. of Vining and Barrett (1995).

## RESULTS

The total catch of sockeye salmon within the KMA in 1995 was 4.482 million, with the average weight varying among time periods and area (Appendix A). During July 6-25, 1.126 million sockeye salmon were harvested in the KMA (excluding Cape Igvak). The estimated number of non-local sockeye salmon caught in the KMA, July 6-25, 1995 was 224 thousand fish, with an estimated 583 thousand local sockeye salmon and the remaining catch of 319 thousand sockeye salmon unassessed (Table 1, Figure 2). The relative range of the estimates were 16 to 284 thousand non-local and 523 to 791 thousand local sockeye salmon (Table 2, Figures 3-4). The KMA 1995 catch during July 6-25 was divided into approximately 19.9% non-local, 51.8% local, and 28.3% unassessed (Tables 1 and 3, Figure 5).

As would be expected, the estimated number and relative ranges of local, non-local, and unassessed sockeye salmon varied extensively among areas and years (Tables 1-3; Figure 2; Appendix B-E). The 1990 sockeye harvest during July 6-25 was about the same as the 1995 harvest during this same time period. However, during 1990 there was 0 unassessed sockeye and in 1995 there were 319 thousand sockeye unassessed. The amount of unassessed sockeye salmon harvest in July 6-25, 1995 was most similar to the 1984 unassessed component. The stock composition (in proportion of non-local, local and unassessed) for the 1995 harvest during July 6-25 was most similar to the 1985 apportionment. However, it should also be noted that the estimated relative range of non-local and local sockeye harvested during July 6-25 was one of the greatest (3rd largest) when comparing number of sockeye salmon and the greatest in 1995 (Table 2, Figure 6), when comparing percent catch (Table 3).

The 1995 UCI run of 4.6 million sockeye salmon, was most similar to the 1990 UCI run (Table 4, Figures 2 and 5). The point estimate of the proportion of the UCI run harvested in the KMA during July 6-25, 1995 is also closest to the 1990 proportion. However, as noted above, the 1990 estimate had no unassessed while the 1995 estimate had 319 thousand unassessed.

## DISCUSSION

The reports Vining and Barrett (1994; 1995), provided a thorough discussion on the problems with the model and the underlying assumptions. The analysis continues to give only trend data and all cautions noted in the previous reports should be adhered to in this report. The rough estimates, therefore, only provided trend information for comparing changes between years and how the changes related to the UCI run (Table 4; Figures 7 and 8). Wide ranges on the estimates, however, indicate that for some years (e.g. 1990) this method yields little information (Table 2, Figures 3, 4, 6, 7, and 8). Another area of unclear stock composition are for those years when the unassessed proportion is high (> 25% of the total July 6-25 catch), for example in 1986 when it was 85.0% (Table 2).

The 1995 estimates exemplify the problems in the model by having more than 25% (approximately 28.3%) of the harvest unassessed, along with the one of the largest relative ranges (Figure 6) for any year of this study. The low average weight (second lowest among the years studied) of the UCI sockeye salmon, was the likely reason for the high unassessed proportion. The large relative ranges were due to several factors including: the low average weight of UCI sockeye; fairly large differences in average weight between June and August harvested sockeye in the KMA; and, a fairly strong sockeye run in the Chignik Management Area. When such conditions occur very little useful information can be gained by performing the average weight analysis. The strongest statement in such a year would be how poorly this methodology seemed to estimate stock composition.

## CONCLUSIONS

The applicability of the average weight methodology continues to raise concerns from UCI fishers, Kodiak fishers, ADF&G staff and BOF members. As the 1995 analysis indicates, this methodology continues to generate only rough estimates, some with little confidence. It is the opinion of the author that other techniques, such as genetic stock identification, tagging or scale pattern analysis should be evaluated for use in the future, if more precise estimates of stock composition for sockeye salmon caught within the KMA are desired.

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Table 1. Estimated stock composition number and proportion, in percent, for the KMA (excluding Cape Igvak), July 6-25 sockeye salmon harvest for 1983-1994, except 1989. Stock composition estimates are categorized as: non-local, local, and unassessed.

Year	Estimated Stock Composition (Number of Fish)			Estimated Stock Composition (Percent of Total Harvest)			Total Catch
	Non-local	Local	Unassessed	Non-local	Local	Unassessed	
1983	82,740	191,711	0	30.1%	69.9%	0.0%	274,451
1984	75,054	136,396	264,106	15.8%	28.7%	55.5%	475,556
1985	51,634	120,091	61,967	22.1%	51.4%	26.5%	233,692
1986	76,401	31,831	612,480	10.6%	4.4%	85.0%	720,712
1987	267,806	97,809	61,693	62.7%	22.9%	14.4%	427,308
1988	927,002	317,489	12,147	73.8%	25.3%	1.0%	1,256,638
1990	303,322	819,024	0	27.0%	73.0%	0.0%	1,122,346
1991	252,177	869,423	519,811	15.4%	53.0%	31.7%	1,641,411
1992	1,448,165	452,109	0	76.2%	23.8%	0.0%	1,900,274
1993	625,624	524,459	25,525	53.2%	44.6%	2.2%	1,175,608
1994	130,225	537,885	4,256	19.4%	80.0%	0.6%	672,366
1995	224,014	582,791	319,288	19.9%	51.8%	28.3%	1,126,093

Table 2. Estimated sockeye salmon composition, in number of fish, and the associated relative minimum and maximum for July 6-25 KMA harvest (excluding Cape Igvak), 1983-1994 (except for 1989). Stock composition categories are: non-local, local, and unassessed.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	82,740	68,063	127,423	191,711	147,028	206,388	0	274,451
1984	75,054	1,600	84,214	136,396	127,236	209,850	264,106	475,556
1985	51,634	31,055	61,444	120,091	110,281	140,670	61,967	233,692
1986	76,401	19,145	79,114	31,831	29,118	89,087	612,480	720,712
1987	267,806	246,798	289,520	97,809	76,095	118,817	61,693	427,308
1988	927,002	866,614	966,186	317,489	278,305	377,877	12,147	1,256,638
1990	303,322	119,976	394,088	819,024	728,258	1,002,370	0	1,122,346
1991	252,177	74,989	347,406	869,423	774,194	1,046,611	519,811	1,641,411
1992	1,448,165	1,389,119	1,497,744	452,109	402,530	511,155	0	1,900,274
1993	625,624	423,320	671,875	524,459	478,208	726,763	25,525	1,175,608
1994	130,225	66,993	196,692	537,885	471,418	601,117	4,256	672,366
1995	224,014	15,610	284,289	582,791	522,516	791,195	319,288	1,126,093

Table 3. Estimated stock composition and the associated relative minimum and maximum, in percent, for July 6-25 KMA harvest (excluding Cape Igvak) for 1983-1994 (except 1989). Stock composition categories are: non-local, local, and unassessed.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	30.1%	24.8%	46.4%	69.9%	53.6%	75.2%	0.0%	274,451
1984	15.8%	0.3%	17.7%	28.7%	26.8%	44.1%	55.5%	475,556
1985	22.1%	13.3%	26.3%	51.4%	47.2%	60.2%	26.5%	233,692
1986	10.6%	2.7%	11.0%	4.4%	4.0%	12.4%	85.0%	720,712
1987	62.7%	57.8%	67.8%	22.9%	17.8%	27.8%	14.4%	427,308
1988	73.8%	69.0%	76.9%	25.3%	22.1%	30.1%	1.0%	1,256,638
1990	27.0%	10.7%	35.1%	73.0%	64.9%	89.3%	0.0%	1,122,346
1991	15.4%	4.6%	21.2%	53.0%	47.2%	63.8%	31.7%	1,641,411
1992	76.2%	73.1%	78.8%	23.8%	21.2%	26.9%	0.0%	1,900,274
1993	53.2%	36.0%	57.2%	44.6%	40.7%	61.8%	2.2%	1,175,608
1994	19.4%	10.0%	29.3%	80.0%	70.1%	89.4%	0.6%	672,366
1995	19.9%	1.4%	25.3%	51.8%	46.4%	70.3%	28.3%	1,126,093

Table 4. UCI sockeye salmon run number, the estimated number of UCI sockeye salmon harvested within the KMA (excluding Cape Igvak) July 6-25 fisheries, and estimates of the percent of the UCI run harvested within the KMA during July 6-25 period, for 1983-1994 (except 1989).

Year	UCI						
	Terminal Run	Estimated Kodiak July 6-25 (Number of Fish)			Estimated Kodiak July 6-25 (Percent of UCI Run)		
		Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum
1983	6,490,514	82,740	68,063	127,423	1.3%	1.0%	2.0%
1984	3,445,940	75,054 <sup>a</sup>	1,600 <sup>a</sup>	84,214 <sup>a</sup>	2.1% <sup>a</sup>	0.0% <sup>a</sup>	2.4% <sup>a</sup>
1985	5,612,154	51,634 <sup>a</sup>	31,055 <sup>a</sup>	61,444 <sup>a</sup>	0.9% <sup>a</sup>	0.6% <sup>a</sup>	1.1% <sup>a</sup>
1986	5,967,514	76,401 <sup>a</sup>	19,145 <sup>a</sup>	79,114 <sup>a</sup>	1.3% <sup>a</sup>	0.3% <sup>a</sup>	1.3% <sup>a</sup>
1987	11,890,444	267,806	246,798	289,520	2.2%	2.0%	2.4%
1988	8,428,431	927,002	866,614	966,186	9.9%	9.3%	10.3%
1990	4,888,057	303,322	119,976	394,088	5.8%	2.4%	7.5%
1991	3,526,609	252,177 <sup>a</sup>	74,989 <sup>a</sup>	347,406 <sup>a</sup>	6.7% <sup>a</sup>	2.1% <sup>a</sup>	9.0% <sup>a</sup>
1992	10,472,085	1,448,165	1,389,119	1,497,744	12.1%	11.7%	12.5%
1993	6,193,275	625,624	423,320	671,875	9.2%	6.7%	10.0%
1994	5,136,077	130,225	66,993	196,692	2.5%	1.3%	3.7%
1995	4,590,800	224,014 <sup>a</sup>	15,610 <sup>a</sup>	284,289 <sup>a</sup>	4.7% <sup>a</sup>	0.3% <sup>a</sup>	5.8% <sup>a</sup>

<sup>a</sup> These years have a large (> 25%) unassessed proportion, and should be viewed in that context.



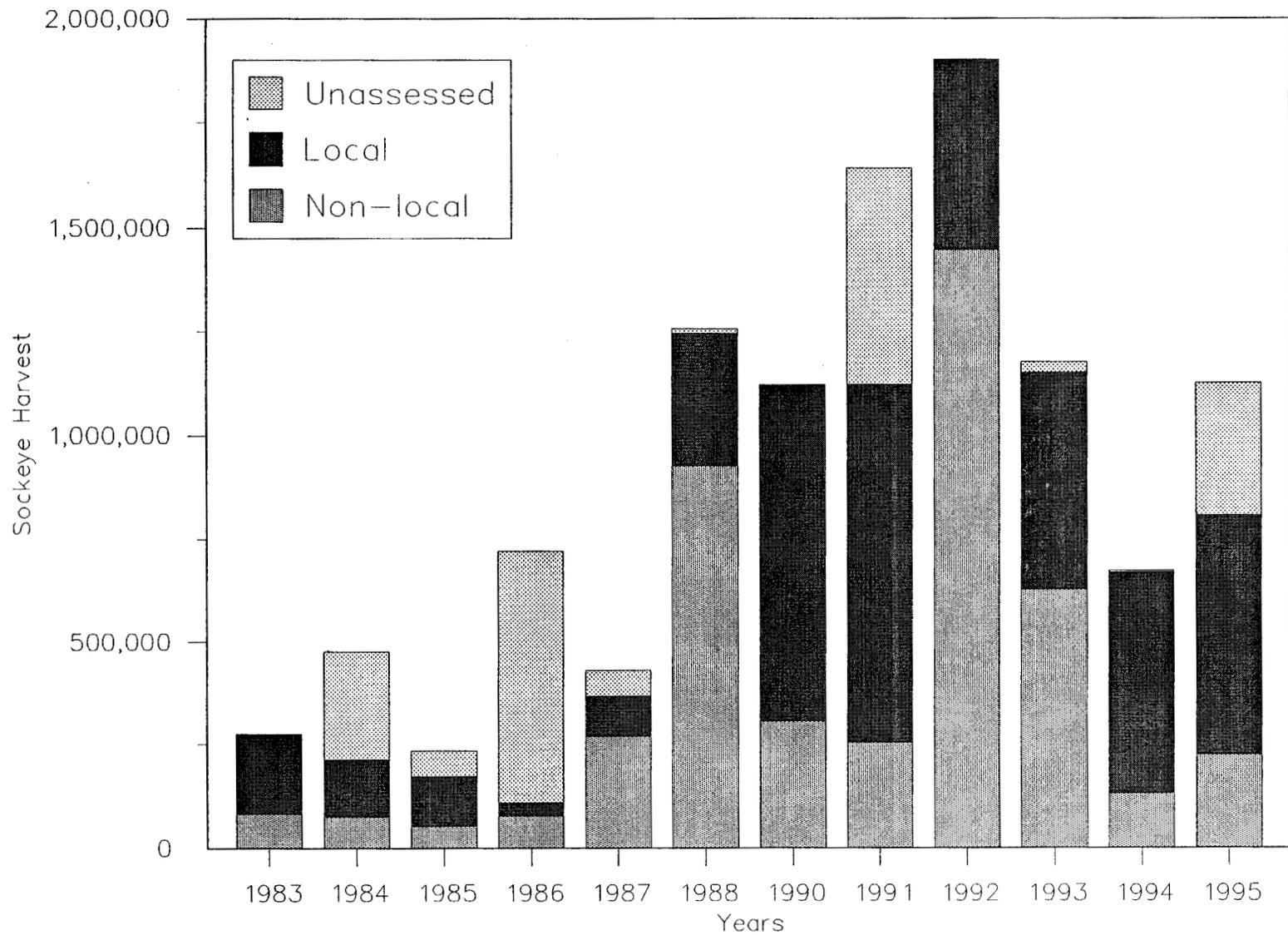


Figure 2. Non-local, local, and unassessed point estimates for the KMA (excluding Cape Igvak), July 6-25, 1983-1995 (except 1989).

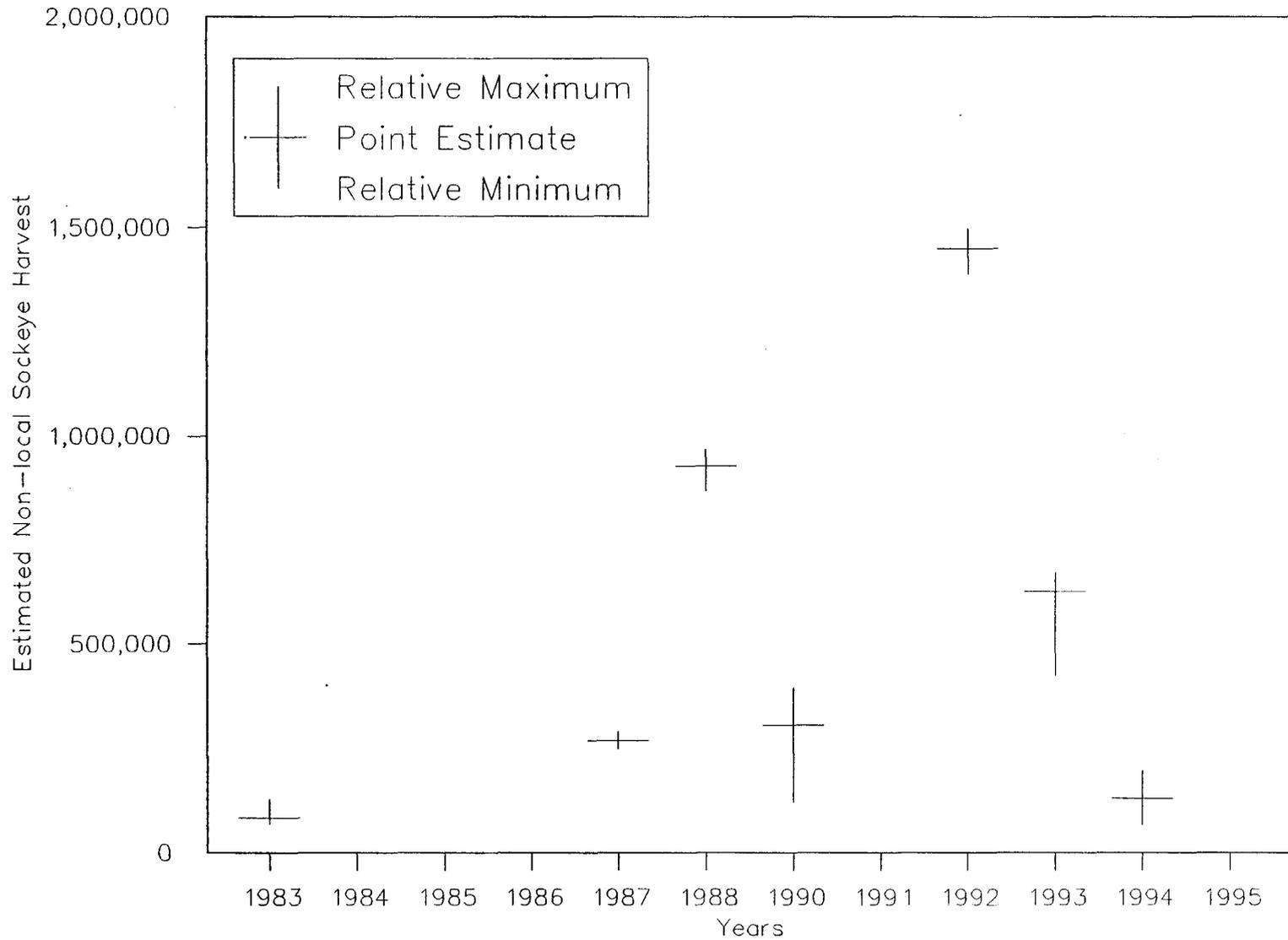


Figure 3. Non-local sockeye harvest point, relative maximum and relative minimum estimates for the KMA (excluding Cape Igvak), July 6-25, 1983-1995 (except 1989). The years 1984, 1985, 1986, 1991, and 1995 are not presented here due to a large (>25%) unassessed proportion.

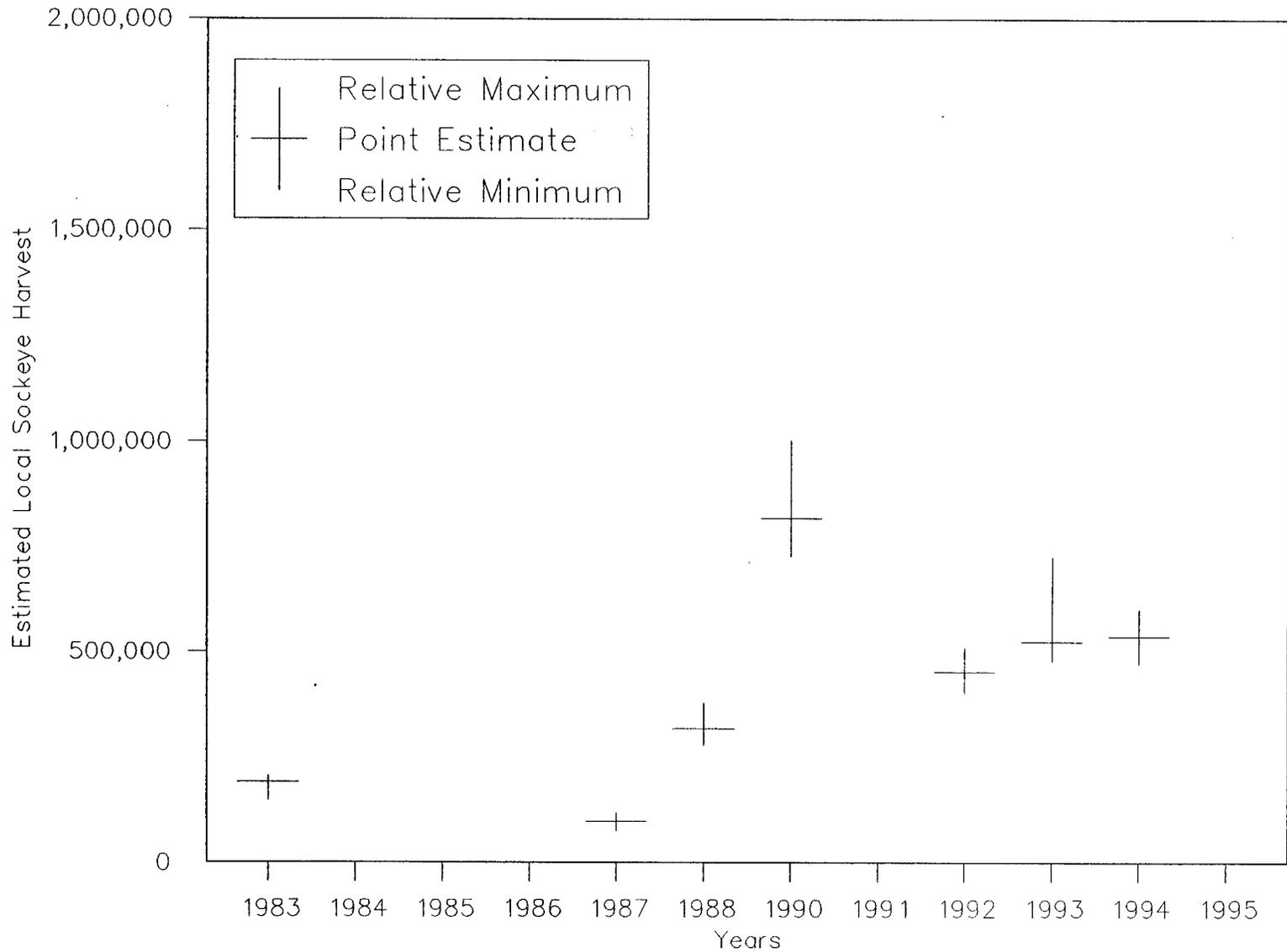


Figure 4. Local sockeye harvest point, relative maximum and relative minimum estimates for the KMA (excluding Cape Igvak), July 6–25, 1983–1995 (except 1989). The years 1984, 1985, 1986, 1991 and 1995 are not presented here due to the large (>25%) proportion of unassessed.

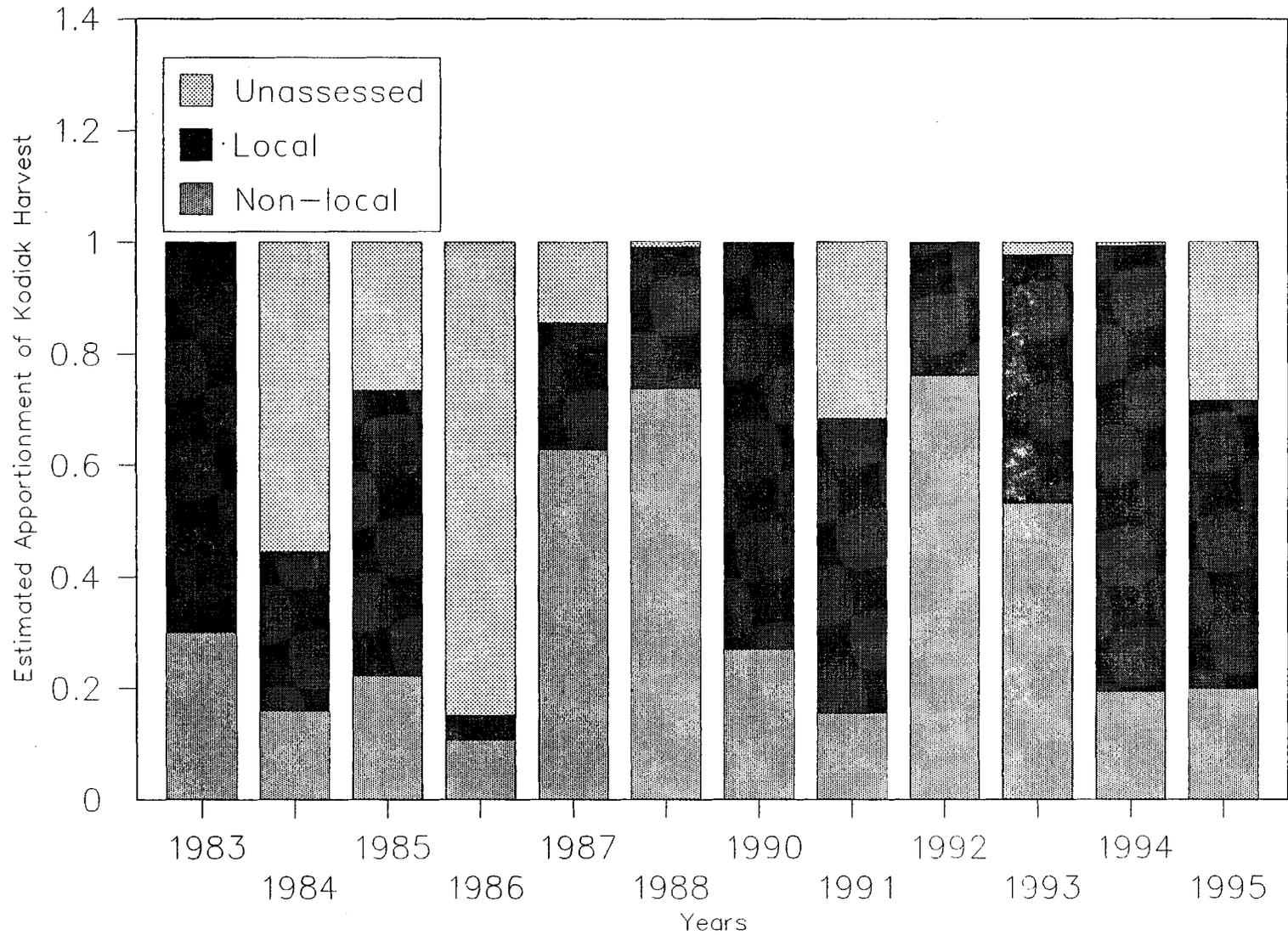


Figure 5. Estimated apportionment of the KMA (excluding Cape Igvak), for July 6–25, 1983–1995 (except 1989). The categories are: non-local, local and unassessed.

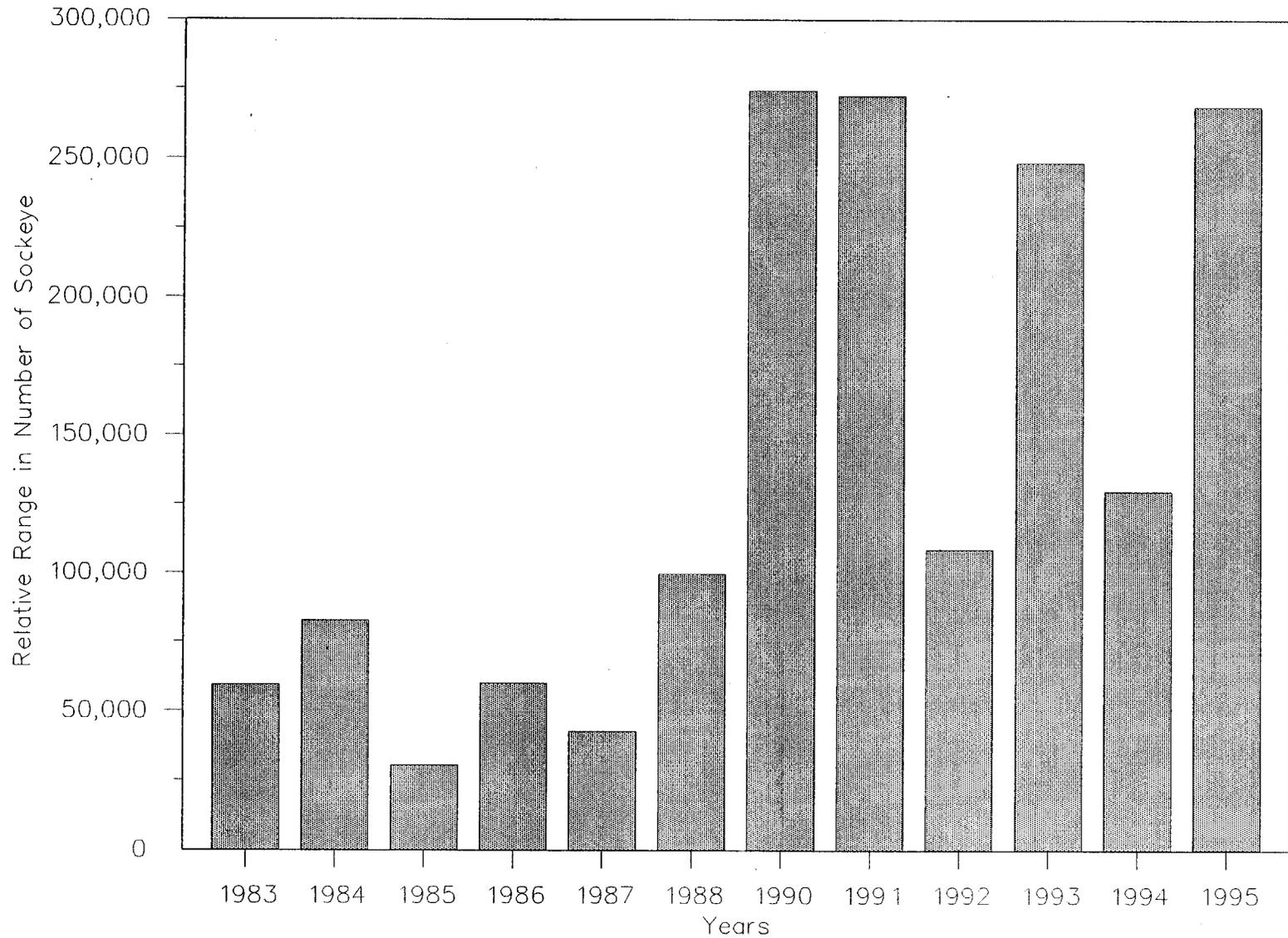


Figure 6. Estimated relative range (relative maximum minus relative minimum) for KMA (excluding Cape Igvak), July 6–25, 1983–1995 (except 1989). The 1984, 1985, 1986, 1991, and 1995 have large (> 25%) unassessed, which could increase these ranges significantly.

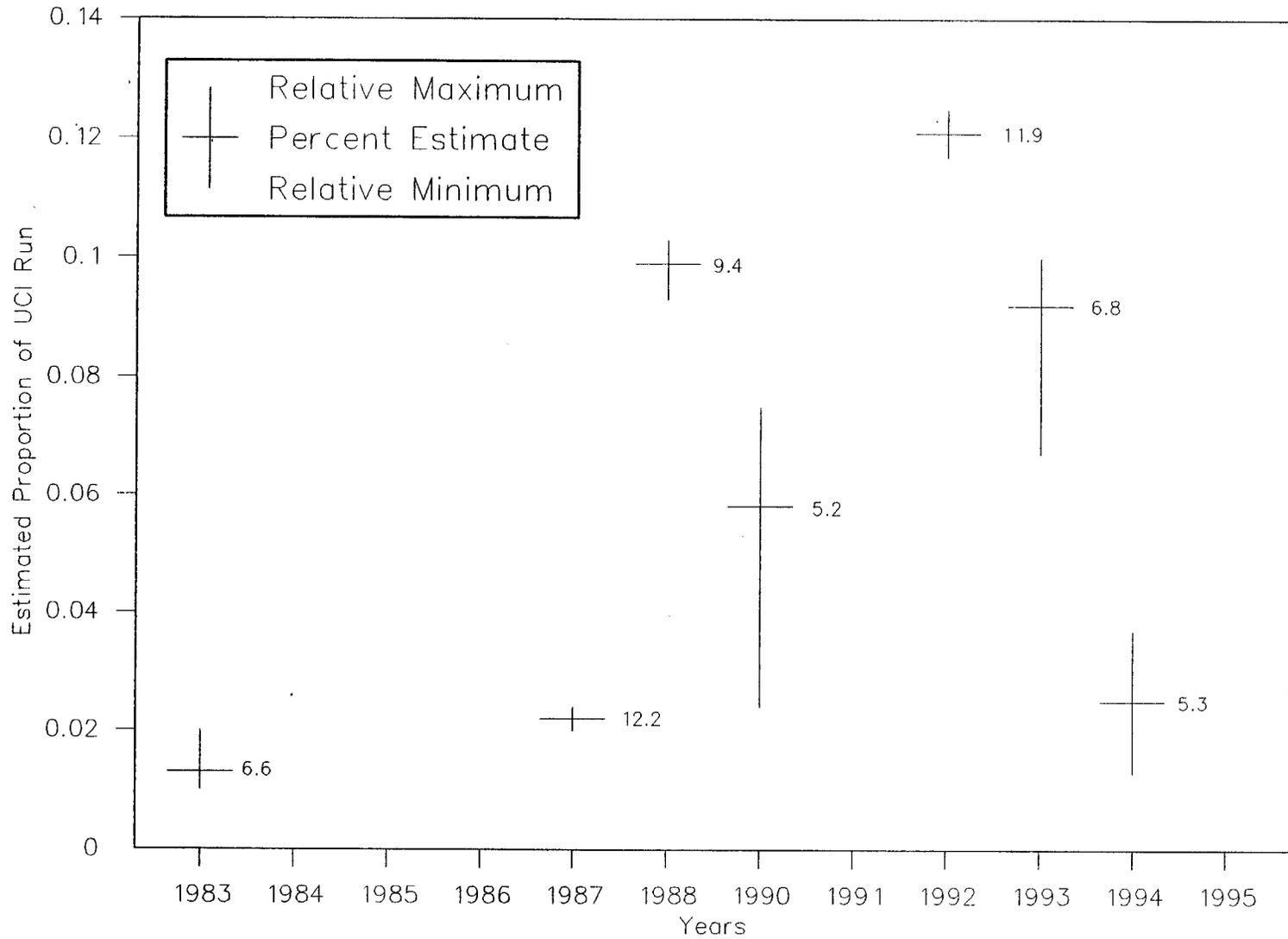


Figure 7. Point estimate of the proportion, relative minimum and relative maximum of the UCI run harvested in the KMA (excluding Cape Igvak), during July 6–25, 1983–1995 (except 1989). At each point estimate is the estimated UCI run, in millions of sockeye salmon. The years 1984, 1985, 1986, 1991 and 1995 are not presented due to their large (> 25%) unassessed proportion.

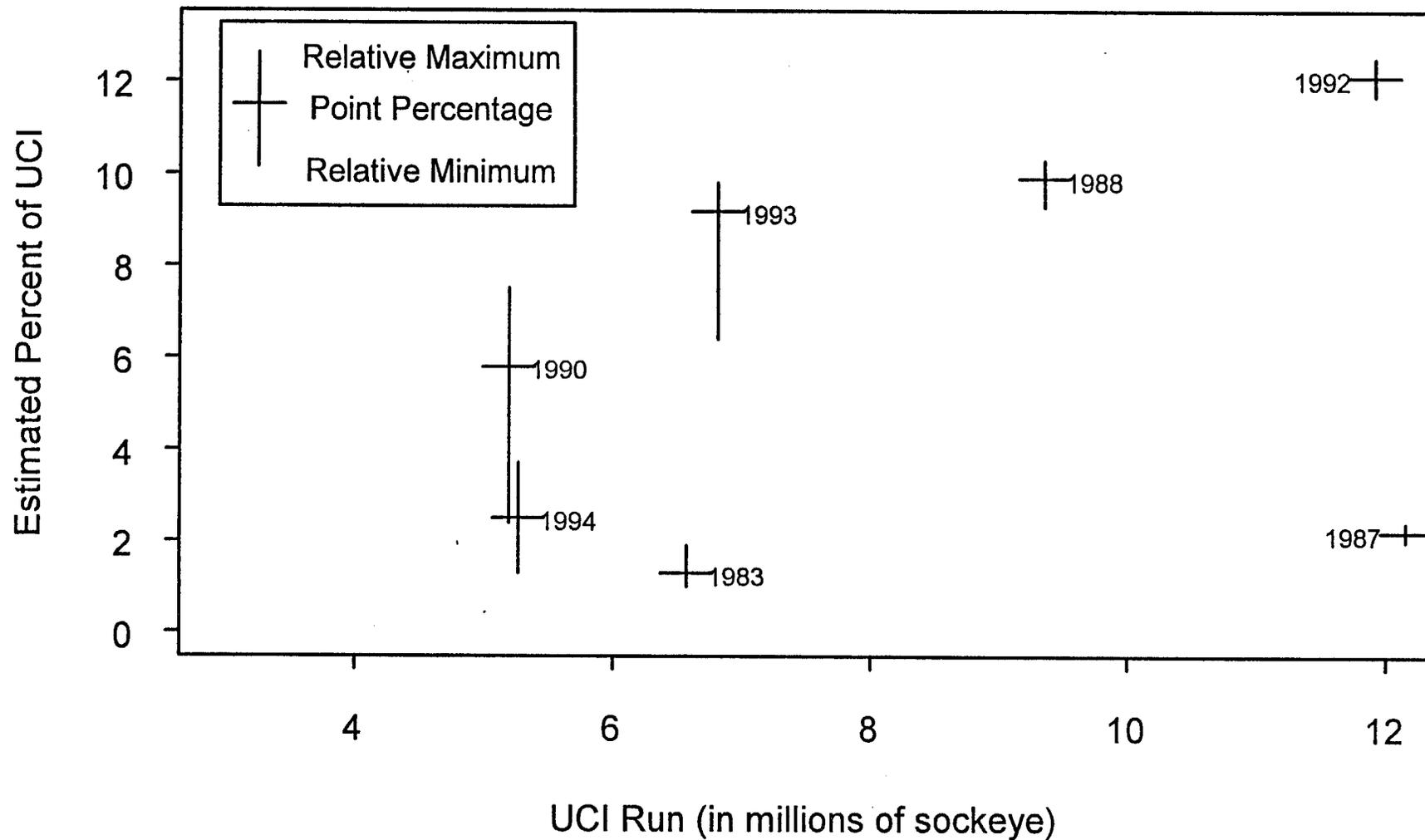


Figure 8. Point estimate of the percent, relative minimum and relative maximum of the UCI run harvested in the KMA (excluding Cape Igvak), during July 6-25, 1983-1994 (except 1989) by UCI run strength. The years 1984, 1985, 1986, 1991, and 1995 were not presented here due to the large (> 25%) unassessed proportion estimates for these years.

**APPENDIX**

**APPENDIX A. SOCKEYE CATCH INFORMATION; NUMBER, WEIGHT AND AVERAGE WEIGHT, FOR JUNE, JULY 6-25 AND AUGUST BY AREA AND YEAR**

Appendix A.1. Sockeye salmon seine catch information; number, weight and average weight, for the Shuyak Island and Northwest Afognak Sections (statistical areas 25130-25170), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	4,748	21,762	4.58
1983	July 6-25	10,719	63,770	5.95
1983	August	143	621	4.34
1984	June	6,568	28,776	4.38
1984	July 6-25	2,204	11,362	5.16
1984	August	11	36	3.27
1985	June	2,415	10,421	4.32
1985	July 6-25	1,116	4,451	3.99
1985	August	1	4	4.00
1986	June	4,469	20,696	4.63
1986	July 6-25	113	706	6.25
1986	August	34	183	5.38
1987	June	786	3,971	5.05
1987	July 6-25	5,344	35,189	6.58
1987	August	1,765	9,682	5.49
1988	June	1,992	8,680	4.36
1988	July 6-25	183,994	1,348,795	7.33
1988	August	1,291	8,225	6.37
1990	June	5,151	20,574	3.99
1990	July 6-25	5,157	23,387	4.54
1990	August	13,761	76,951	5.59
1991	June	5,858	28,100	4.80
1991	July 6-25	7,203	38,608	5.36
1991	August	95	364	3.83
1992	June	6,959	28,219	4.06
1992	July 6-25	10,193	60,459	5.93
1992	August	3,597	18,304	5.09
1993	June	12,619	57,465	4.55
1993	July 6-25	17,874	95,431	5.34
1993	August	1,739	9,945	5.72
1994	June	4,512	19,534	4.33
1994	July 6-25	4,315	18,778	4.35
1994	August	1,909	9,429	4.94
1995	June	47,877	210,665	4.40
1995	July 6-25	6,726	34,903	5.19
1995	August	2,350	13,080	5.57

Appendix A.2. Sockeye salmon seine catch information; number, weight and average weight, for the Southwest Afognak Section (statistical areas 25110-25120), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	0	0	0.00
1983	July 6-25	18,918	115,460	6.10
1983	August	533	3,162	5.93
1984	June	150	1,161	7.74
1984	July 6-25	14,047	77,269	5.50
1984	August	505	2,542	5.03
1985	June	0	0	0.00
1985	July 6-25	1,740	9,956	5.72
1985	August	633	3,288	5.19
1986	June	2,953	14,177	4.80
1986	July 6-25	20,680	113,662	5.50
1986	August	8,757	51,093	5.83
1987	June	105	573	5.46
1987	July 6-25	45,869	339,762	7.41
1987	August	3,253	21,490	6.61
1988	June	286	1,352	4.73
1988	July 6-25	86,649	624,042	7.20
1988	August	6,442	38,115	5.92
1990	June	5,533	23,668	4.28
1990	July 6-25	22,691	124,989	5.51
1990	August	103,868	568,143	5.47
1991	June	8,411	38,917	4.63
1991	July 6-25	34,183	191,492	5.60
1991	August	26,510	139,548	5.26
1992	June	13,009	56,584	4.35
1992	July 6-25	49,739	307,947	6.19
1992	August	18,688	94,810	5.07
1993	June	124,755	570,199	4.57
1993	July 6-25	73,967	414,775	5.61
1993	August	12,833	68,459	5.33
1994	June	63,764	273,242	4.29
1994	July 6-25	13,560	64,986	4.79
1994	August	9,841	54,778	5.57
1995	June	25,548	119,502	4.68
1995	July 6-25	21,386	101,091	4.73
1995	August	13,889	71,670	5.16

Appendix A.3. Sockeye salmon seine catch information; number, weight and average weight, for the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	2,702	15,011	5.56
1983	July 6-25	42,112	254,927	6.05
1983	August	1,836	10,040	5.47
1984	June	7,785	46,717	6.00
1984	July 6-25	21,496	120,201	5.59
1984	August	25,057	138,834	5.54
1985	June	6,669	32,623	4.89
1985	July 6-25	13,333	67,067	5.03
1985	August	7,471	38,241	5.12
1986	June	19,225	104,918	5.46
1986	July 6-25	59,151	348,323	5.89
1986	August	24,769	146,830	5.93
1987	June	4,469	26,592	5.95
1987	July 6-25	114,473	826,679	7.22
1987	August	5,990	34,612	5.78
1988	June	7,757	43,321	5.58
1988	July 6-25	75,026	509,803	6.80
1988	August	7,266	39,576	5.45
1990	June	19,896	99,368	4.99
1990	July 6-25	52,113	288,622	5.54
1990	August	106,475	573,310	5.38
1991	June	15,686	78,359	5.00
1991	July 6-25	58,070	316,522	5.45
1991	August	54,245	285,526	5.26
1992	June	22,849	107,533	4.71
1992	July 6-25	128,059	821,749	6.42
1992	August	25,109	131,249	5.23
1993	June	45,641	206,982	4.54
1993	July 6-25	147,976	843,068	5.70
1993	August	29,141	153,520	5.27
1994	June	31,791	135,411	4.26
1994	July 6-25	28,049	140,174	5.00
1994	August	64,251	323,347	5.03
1995	June	9,816	47,436	4.83
1995	July 6-25	27,899	139,551	5.00
1995	August	40,214	213,880	5.32

Appendix A.4. Sockeye salmon seine catch information; number, weight and average weight, for the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	2,609	12,471	4.78
1983	July 6-25	6,757	38,409	5.68
1983	August	6,441	33,946	5.27
1984	June	9,506	45,813	4.82
1984	July 6-25	1,718	9,596	5.59
1984	August	6,804	37,272	5.48
1985	June	1,477	6,495	4.40
1985	July 6-25	10,039	46,024	4.58
1985	August	30,181	158,283	5.24
1986	June	57,064	270,308	4.74
1986	July 6-25	22,422	125,488	5.60
1986	August	117,338	742,867	6.33
1987	June	15,218	77,426	5.09
1987	July 6-25	22,194	154,977	6.98
1987	August	17,237	100,915	5.85
1988	June	13,393	66,097	4.94
1988	July 6-25	44,751	301,160	6.73
1988	August	15,859	92,733	5.85
1990	June	6,589	29,136	4.42
1990	July 6-25	8,680	45,586	5.25
1990	August	172,968	930,238	5.38
1991	June	14,688	69,109	4.71
1991	July 6-25	16,152	85,718	5.31
1991	August	229,760	1,169,478	5.09
1992	June	29,595	131,206	4.43
1992	July 6-25	44,461	272,315	6.12
1992	August	96,715	487,058	5.04
1993	June	43,225	193,847	4.48
1993	July 6-25	38,208	209,317	5.48
1993	August	27,720	148,522	5.36
1994	June	54,272	221,755	4.09
1994	July 6-25	9,623	44,790	4.65
1994	August	91,269	447,426	4.90
1995	June	10,326	47,975	4.65
1995	July 6-25	39,625	199,928	5.05
1995	August	64,783	325,230	5.02

Appendix A.5. Sockeye salmon seine catch information; number, weight and average weight, for the Inner and Outer Karluk Sections (statistical areas 25510-25520), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	204	920	4.51
1983	July 6-25	0	0	0.00
1983	August	0	0	0.00
1984	June	14	98	7.00
1984	July 6-25	18,176	100,539	5.53
1984	August	86,506	479,964	5.55
1985	June	2,151	9,861	4.58
1985	July 6-25	562	2,694	4.79
1985	August	432	2,094	4.85
1986	June	14,671	69,516	4.74
1986	July 6-25	92,150	517,225	5.61
1986	August	38,932	247,779	6.36
1987	June	25,755	132,378	5.14
1987	July 6-25	12,824	68,362	5.33
1987	August	281	1,679	5.98
1988	June	43	213	4.95
1988	July 6-25	7,370	47,129	6.39
1988	August	56	320	5.71
1990	June	0	0	0.00
1990	July 6-25	0	0	0.00
1990	August	160,982	872,617	5.42
1991	June	0	0	0.00
1991	July 6-25	0	0	0.00
1991	August	0	0	0.00
1992	June	29,557	134,918	4.56
1992	July 6-25	1,110	4,946	4.46
1992	August	6,247	31,777	5.09
1993	June	186,303	841,798	4.52
1993	July 6-25	56,787	301,772	5.31
1993	August	0	0	0.00
1994	June	98,912	430,958	4.36
1994	July 6-25	46,679	213,093	4.57
1994	August	2,885	13,256	4.59
1995	June	62,786	296,969	4.73
1995	July 6-25	40,541	208,061	5.13
1995	August	7	53	7.57

Appendix A.6. Sockeye salmon seine catch information; number, weight and average weight, for the Sturgeon and Halibut Bay Sections (statistical areas 25625-25640), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	0	0	0.00
1983	July 6-25	0	0	0.00
1983	August	0	0	0.00
1984	June	200	890	4.45
1984	July 6-25	21,889	123,509	5.64
1984	August	45,612	258,500	5.67
1985	June	971	4,400	4.53
1985	July 6-25	820	4,197	5.12
1985	August	0	0	0.00
1986	June	160	770	4.81
1986	July 6-25	77,894	450,036	5.78
1986	August	37,170	228,950	6.16
1987	June	8,277	43,732	5.28
1987	July 6-25	10,487	62,606	5.97
1987	August	96,757	573,286	5.93
1988	June	74,809	355,056	4.75
1988	July 6-25	187,230	1,091,323	5.83
1988	August	38,229	202,558	5.30
1990	June	400	1,900	4.75
1990	July 6-25	7,740	40,868	5.28
1990	August	427,269	2,281,750	5.34
1991	June	73,589	356,526	4.84
1991	July 6-25	182,063	965,481	5.30
1991	August	65,469	343,309	5.24
1992	June	31,959	151,960	4.75
1992	July 6-25	349,691	2,170,852	6.21
1992	August	21,961	113,651	5.18
1993	June	107,167	524,204	4.89
1993	July 6-25	11	98	8.91
1993	August	0	0	0.00
1994	June	0	0	0.00
1994	July 6-25	14,692	72,478	4.93
1994	August	13,298	66,647	5.01
1995	June	21,606	104,480	4.84
1995	July 6-25	130,370	653,898	5.02
1995	August	1,197	7,377	6.16

Appendix A.7. Sockeye salmon seine catch information; number, weight and average weight, for the Inner and Outer Ayakulik Sections (statistical areas 25610-25620), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	31,068	163,569	5.26
1983	July 6-25	0	0	0.00
1983	August	799	4,239	5.31
1984	June	151,177	655,940	4.34
1984	July 6-25	199,542	994,482	4.98
1984	August	18,182	96,794	5.32
1985	June	370,776	1,666,391	4.49
1985	July 6-25	70,017	354,070	5.06
1985	August	60,999	290,224	4.76
1986	June	254,935	1,216,557	4.77
1986	July 6-25	70,078	391,618	5.59
1986	August	23,657	136,173	5.76
1987	June	24,414	122,460	5.02
1987	July 6-25	0	0	0.00
1987	August	1,208	6,800	5.63
1988	June	106,711	507,571	4.76
1988	July 6-25	3,341	20,333	6.09
1988	August	542	2,715	5.01
1990	June	825,288	3,869,239	4.69
1990	July 6-25	512,201	2,671,189	5.22
1990	August	32,931	175,134	5.32
1991	June	545,180	2,614,740	4.80
1991	July 6-25	307,766	1,576,316	5.12
1991	August	151,406	778,045	5.14
1992	June	366,905	1,719,846	4.69
1992	July 6-25	164,953	1,062,086	6.44
1992	August	6,893	34,270	4.97
1993	June	308,567	1,505,350	4.88
1993	July 6-25	0	0	0.00
1993	August	271	1,234	4.55
1994	June	0	0	0.00
1994	July 6-25	19,554	92,221	4.72
1994	August	16,351	78,791	4.82
1995	June	287,657	1,389,055	4.83
1995	July 6-25	120,308	607,834	5.05
1995	August	81,688	408,316	5.00

Appendix A.8. Sockeye salmon seine catch information; number, weight and average weight, for the Cape Alitak Section (statistical areas 25710-25720), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	10,036	53,235	5.30
1983	July 6-25	27,399	152,207	5.56
1983	August	65,367	361,666	5.53
1984	June	3,138	14,988	4.78
1984	July 6-25	36,120	208,050	5.76
1984	August	45,791	261,457	5.71
1985	June	12,497	56,419	4.51
1985	July 6-25	20,724	93,769	4.52
1985	August	118,084	495,317	4.19
1986	June	8,615	39,196	4.55
1986	July 6-25	51,484	302,342	5.87
1986	August	294,035	1,795,568	6.11
1987	June	9,142	48,973	5.36
1987	July 6-25	38,637	254,869	6.60
1987	August	85,947	508,166	5.91
1988	June	39,843	186,504	4.68
1988	July 6-25	103,317	577,351	5.59
1988	August	223,760	1,047,962	4.68
1990	June	161,392	739,744	4.58
1990	July 6-25	132,489	643,732	4.86
1990	August	149,675	820,929	5.48
1991	June	178,967	855,661	4.78
1991	July 6-25	290,783	1,426,587	4.91
1991	August	203,650	1,077,190	5.29
1992	June	63,253	298,298	4.72
1992	July 6-25	99,079	581,250	5.87
1992	August	19,033	96,638	5.08
1993	June	151,309	726,052	4.80
1993	July 6-25	125,555	633,162	5.04
1993	August	41,923	216,395	5.16
1994	June	109,138	500,658	4.59
1994	July 6-25	133,924	627,284	4.68
1994	August	49,640	244,443	4.92
1995	June	393,663	1,925,834	4.89
1995	July 6-25	187,515	972,511	5.19
1995	August	44,266	229,855	5.19

Appendix A.9. Sockeye salmon seine catch information; number, weight and average weight, for the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	944	5,166	5.47
1983	July 6-25	7,234	40,583	5.61
1983	August	23,031	125,290	5.44
1984	June	8	42	5.25
1984	July 6-25	1,306	7,078	5.42
1984	August	11,476	64,570	5.63
1985	June	1,670	7,594	4.55
1985	July 6-25	4,903	23,895	4.87
1985	August	44,514	189,663	4.26
1986	June	240	1,113	4.64
1986	July 6-25	38,737	219,258	5.66
1986	August	26,953	164,374	6.10
1987	June	61	356	5.84
1987	July 6-25	10,243	68,436	6.68
1987	August	15,277	90,232	5.91
1988	June	2,835	12,123	4.28
1988	July 6-25	14,388	85,864	5.97
1988	August	5,545	27,873	5.03
1990	June	8,495	38,745	4.56
1990	July 6-25	5,939	32,753	5.51
1990	August	0	0	0.00
1991	June	20,401	96,774	4.74
1991	July 6-25	10,312	52,116	5.05
1991	August	83,396	435,608	5.22
1992	June	8,532	39,427	4.62
1992	July 6-25	10,933	73,562	6.73
1992	August	0	0	0.00
1993	June	944	5,166	5.47
1993	July 6-25	7,234	40,583	5.61
1993	August	23,031	125,290	5.44
1994	June	26,469	117,151	4.43
1994	July 6-25	24,284	116,004	4.78
1994	August	11,196	58,486	5.22
1995	June	48,768	238,311	4.89
1995	July 6-25	33,009	169,989	5.15
1995	August	77,415	395,572	5.11

Appendix A.10. Sockeye salmon seine catch information; number, weight and average weight, for the Seven River and Two-Headed Sections (statistical areas 25854-25890), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	0	0	0.00
1983	July 6-25	2,265	11,424	5.04
1983	August	698	3,612	5.17
1984	June	0	0	0.00
1984	July 6-25	2,441	8,202	3.36
1984	August	0	0	0.00
1985	June	0	0	0.00
1985	July 6-25	3,048	12,355	4.05
1985	August	25	112	4.48
1986	June	0	0	0.00
1986	July 6-25	220	818	3.72
1986	August	1,439	6,834	4.75
1987	June	0	0	0.00
1987	July 6-25	2,101	12,773	6.08
1987	August	2,694	15,437	5.73
1988	June	64	345	5.39
1988	July 6-25	1,309	6,796	5.19
1988	August	2,080	10,844	5.21
1990	June	297	1,382	4.65
1990	July 6-25	1,287	7,483	5.81
1990	August	825	4,534	5.50
1991	June	0	0	0.00
1991	July 6-25	9,229	49,821	5.40
1991	August	8,590	41,561	4.84
1992	June	732	3,711	5.07
1992	July 6-25	52,554	340,558	6.48
1992	August	1,477	7,997	5.41
1993	June	17,357	89,741	5.17
1993	July 6-25	58,868	304,158	5.17
1993	August	10,626	57,859	5.45
1994	June	16,099	78,031	4.85
1994	July 6-25	27,599	137,974	5.00
1994	August	184	982	5.34
1995	June	36,334	172,749	4.75
1995	July 6-25	41,270	229,786	5.57
1995	August	1,572	8,628	5.49

Appendix A.11. Sockeye salmon seine catch information; number, weight and average weight, for the Sitkalidak Section (statistical areas 25810-25853), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	0	0	0.00
1983	July 6-25	3,608	20,068	5.56
1983	August	544	2,595	4.77
1984	June	0	0	0.00
1984	July 6-25	1,851	10,361	5.60
1984	August	537	3,234	6.02
1985	June	149	892	5.99
1985	July 6-25	7,576	37,451	4.94
1985	August	829	3,707	4.47
1986	June	0	0	0.00
1986	July 6-25	11,643	70,424	6.05
1986	August	1,839	11,613	6.31
1987	June	23	159	6.91
1987	July 6-25	5,759	40,110	6.96
1987	August	927	5,003	5.40
1988	June	692	3,812	5.51
1988	July 6-25	49,155	324,880	6.61
1988	August	4,807	25,090	5.22
1990	June	5,142	24,267	4.72
1990	July 6-25	54,852	352,528	6.43
1990	August	9,517	51,828	5.45
1991	June	7,112	39,651	5.58
1991	July 6-25	174,666	884,294	5.06
1991	August	20,253	104,736	5.17
1992	June	7,821	40,818	5.22
1992	July 6-25	429,642	2,715,124	6.32
1992	August	5,002	25,452	5.09
1993	June	36,087	180,854	5.01
1993	July 6-25	113,206	599,656	5.30
1993	August	25,647	106,186	4.14
1994	June	1,244	6,263	5.03
1994	July 6-25	35,438	183,293	5.17
1994	August	4,334	20,623	4.76
1995	June	19,567	97,707	4.99
1995	July 6-25	83,948	447,199	5.33
1995	August	21,982	116,557	5.30

Appendix A.12. Sockeye salmon seine catch information; number, weight and average weight, for the Inner and Outer Ugak Bay Sections (statistical areas 25940-25942), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	971	5,285	5.44
1983	July 6-25	4,137	21,978	5.31
1983	August	258	1,686	6.53
1984	June	6,493	38,897	5.99
1984	July 6-25	10,395	62,750	6.04
1984	August	14	81	5.79
1985	June	2,149	11,345	5.28
1985	July 6-25	1,372	7,179	5.23
1985	August	18	133	7.39
1986	June	0	0	0.00
1986	July 6-25	18,321	116,028	6.33
1986	August	16	87	5.44
1987	June	0	0	0.00
1987	July 6-25	3,327	16,680	5.01
1987	August	1	8	8.00
1988	June	1,186	7,331	6.18
1988	July 6-25	12,147	73,686	6.07
1988	August	30	146	4.87
1990	June	93	430	4.62
1990	July 6-25	11,875	65,728	5.53
1990	August	40	220	5.50
1991	June	0	0	0.00
1991	July 6-25	13,022	69,779	5.36
1991	August	40	186	4.65
1992	June	105	527	5.02
1992	July 6-25	73,044	454,581	6.22
1992	August	395	2,301	5.83
1993	June	4,433	22,536	5.08
1993	July 6-25	63,029	343,802	5.45
1993	August	411	2,194	5.34
1994	June	449	2,157	4.80
1994	July 6-25	13,137	66,496	5.06
1994	August	426	2,069	4.86
1995	June	296	1,187	4.01
1995	July 6-25	29,296	148,849	5.08
1995	August	1,809	9,990	5.52

Appendix A.13. Sockeye salmon seine catch information; number, weight and average weight, for the Northeast Kodiak District (statistical areas 25910-25925), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	0	0	0.00
1983	July 6-25	888	5,413	6.10
1983	August	240	1,236	5.15
1984	June	0	0	0.00
1984	July 6-25	662	2,434	3.68
1984	August	98	457	4.66
1985	June	0	0	0.00
1985	July 6-25	164	846	5.16
1985	August	205	992	4.84
1986	June	0	0	0.00
1986	July 6-25	125	621	4.97
1986	August	146	745	5.10
1987	June	0	0	0.00
1987	July 6-25	60	349	5.82
1987	August	394	2,392	6.07
1988	June	0	0	0.00
1988	July 6-25	263	1,699	6.46
1988	August	153	752	4.92
1990	June	0	0	0.00
1990	July 6-25	5	24	4.80
1990	August	97	504	5.20
1991	June	0	0	0.00
1991	July 6-25	13,804	69,915	5.06
1991	August	114	609	5.34
1992	June	0	0	0.00
1992	July 6-25	49,835	312,579	6.27
1992	August	319	1,918	6.01
1993	June	0	0	0.00
1993	July 6-25	6,635	35,964	5.42
1993	August	51	253	4.96
1994	June	500	2,251	4.50
1994	July 6-25	3,301	16,712	5.06
1994	August	83	425	5.12
1995	June	0	0	0.00
1995	July 6-25	195	1,176	6.03
1995	August	468	2,600	5.56

Appendix A.14. Sockeye salmon seine catch information; number, weight and average weight, for the Central Section, east, and North Cape Section, (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	695	4,044	5.82
1983	July 6-25	1,952	10,885	5.58
1983	August	236	1,139	4.83
1984	June	1,914	9,641	5.04
1984	July 6-25	2,585	12,992	5.03
1984	August	157	810	5.16
1985	June	391	1,831	4.68
1985	July 6-25	6,141	30,097	4.90
1985	August	829	4,349	5.25
1986	June	785	3,804	4.85
1986	July 6-25	11,868	70,312	5.92
1986	August	1,510	8,282	5.48
1987	June	3,926	21,567	5.49
1987	July 6-25	8,818	59,217	6.72
1987	August	1,334	7,635	5.72
1988	June	10,880	51,624	4.74
1988	July 6-25	16,920	108,744	6.43
1988	August	2,353	13,049	5.55
1990	June	4,098	18,547	4.53
1990	July 6-25	10,010	54,571	5.45
1990	August	1,436	7,497	5.22
1991	June	5,683	28,876	5.08
1991	July 6-25	8,115	40,521	4.99
1991	August	323	1,581	4.89
1992	June	9,576	46,507	4.86
1992	July 6-25	6,805	43,882	6.45
1992	August	485	2,790	5.75
1993	June	20,826	101,797	4.89
1993	July 6-25	6,145	35,211	5.73
1993	August	283	1,602	5.66
1994	June	3,927	18,716	4.77
1994	July 6-25	11,433	55,959	4.89
1994	August	856	4,575	5.34
1995	June	12,321	55,273	4.49
1995	July 6-25	15,713	77,654	4.94
1995	August	2,326	12,566	5.40

Appendix A.15. Sockeye salmon seine catch information; number, weight and average weight, for the Southeast Afognak Section (statistical areas 25233-25235), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	3,826	15,520	4.06
1983	July 6-25	1,953	10,392	5.32
1983	August	59	264	4.47
1984	June	5,879	25,786	4.39
1984	July 6-25	1,077	5,396	5.01
1984	August	173	828	4.79
1985	June	1,861	6,712	3.61
1985	July 6-25	2,145	10,804	5.04
1985	August	867	5,189	5.99
1986	June	1,346	5,721	4.25
1986	July 6-25	2,716	16,334	6.01
1986	August	823	4,744	5.76
1987	June	1,309	5,798	4.43
1987	July 6-25	3,601	24,609	6.83
1987	August	708	3,849	5.44
1988	June	806	3,905	4.84
1988	July 6-25	411	2,530	6.16
1988	August	471	2,416	5.13
1990	June	18,033	65,590	3.64
1990	July 6-25	4,829	19,813	4.10
1990	August	343	1,824	5.32
1991	June	40,193	174,627	4.34
1991	July 6-25	7,437	33,713	4.53
1991	August	19	105	5.53
1992	June	347	1,305	3.76
1992	July 6-25	11,640	73,768	6.34
1992	August	93	471	5.06
1993	June	1,793	8,035	4.48
1993	July 6-25	7,927	43,367	5.47
1993	August	439	2,146	4.89
1994	June	12,068	44,519	3.69
1994	July 6-25	1,040	5,596	5.38
1994	August	204	1,062	5.21
1995	June	68,779	293,186	4.26
1995	July 6-25	1,592	7,624	4.79
1995	August	703	3,786	5.39

Appendix A. 16. Sockeye salmon seine catch information; number, weight and average weight, for the Duck, Izhut and Kitoi Bay Sections (statistical areas 25230-25232), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	1,060	5,131	4.84
1983	July 6-25	6,201	29,461	4.75
1983	August	580	2,975	5.13
1984	June	2,945	13,309	4.52
1984	July 6-25	1,587	7,766	4.89
1984	August	717	3,431	4.79
1985	June	351	1,513	4.31
1985	July 6-25	5,757	28,416	4.94
1985	August	5,119	24,038	4.70
1986	June	0	0	0.00
1986	July 6-25	237	1,500	6.33
1986	August	2,211	10,854	4.91
1987	June	0	0	0.00
1987	July 6-25	7,092	45,708	6.45
1987	August	3,546	20,592	5.81
1988	June	0	0	0.00
1988	July 6-25	3,288	21,306	6.48
1988	August	537	2,668	4.97
1990	June	0	0	0.00
1990	July 6-25	978	5,324	5.44
1990	August	2,714	13,488	4.97
1991	June	2,160	9,846	4.56
1991	July 6-25	3,504	17,466	4.98
1991	August	2,757	12,723	4.61
1992	June	810	4,081	5.04
1992	July 6-25	17,789	99,128	5.57
1992	August	2,564	12,989	5.07
1993	June	329	1,725	5.24
1993	July 6-25	18,705	98,233	5.25
1993	August	7,319	37,021	5.06
1994	June	1,335	5,949	4.46
1994	July 6-25	4,593	24,482	5.33
1994	August	7,368	37,906	5.14
1995	June	17,447	85,284	4.89
1995	July 6-25	1,484	7,089	4.78
1995	August	9,710	39,786	4.10

Appendix A.17. Sockeye salmon seine catch information; number, weight and average weight, for the Northeast Afognak and Perenosia Sections (statistical areas 25181-25220), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	5,608	24,624	4.39
1983	July 6-25	83	455	5.48
1983	August	14	70	5.00
1984	June	5,700	26,105	4.58
1984	July 6-25	678	3,624	5.35
1984	August	9	50	5.56
1985	June	2,079	9,194	4.42
1985	July 6-25	0	0	0.00
1985	August	2,065	9,707	4.70
1986	June	0	0	0.00
1986	July 6-25	938	4,403	4.69
1986	August	351	1,979	5.64
1987	June	170	772	4.54
1987	July 6-25	119	716	6.02
1987	August	391	2,669	6.83
1988	June	365	1,823	4.99
1988	July 6-25	1,654	10,271	6.21
1988	August	976	5,408	5.54
1990	June	269	1,189	4.42
1990	July 6-25	80	426	5.33
1990	August	1,326	7,068	5.33
1991	June	0	0	0.00
1991	July 6-25	1,262	6,482	5.14
1991	August	138	720	5.22
1992	June	0	0	0.00
1992	July 6-25	7,362	44,318	6.02
1992	August	198	1,012	5.11
1993	June	1,534	8,187	5.34
1993	July 6-25	2,656	13,638	5.13
1993	August	2,204	11,743	5.33
1994	June	0	0	0.00
1994	July 6-25	1,392	6,994	5.02
1994	August	744	3,914	5.26
1995	June	14,650	61,565	4.20
1995	July 6-25	1,973	8,524	4.32
1995	August	1,800	9,249	5.14

Appendix A.18. Sockeye salmon seine catch information; number, weight and average weight, for the Big River, Hallo Bay, Inner and Outer Kukak Bay and Dakavak Bay Sections (statistical areas 26210-26255), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	0	0	0.00
1983	July 6-25	2,815	12,133	4.31
1983	August	6,359	25,725	4.05
1984	June	5,606	20,150	3.59
1984	July 6-25	1,397	5,666	4.06
1984	August	897	4,052	4.52
1985	June	10,513	48,681	4.63
1985	July 6-25	7,419	37,991	5.12
1985	August	1,894	7,936	4.19
1986	June	427	1,708	4.00
1986	July 6-25	9,139	45,249	4.95
1986	August	3,806	17,223	4.53
1987	June	694	3,223	4.64
1987	July 6-25	10,219	61,361	6.00
1987	August	7,566	40,553	5.36
1988	June	6,393	28,609	4.48
1988	July 6-25	207,492	1,460,296	7.04
1988	August	1,389	6,377	4.59
1990	June	3,408	12,880	3.78
1990	July 6-25	52,557	328,472	6.25
1990	August	6,185	31,224	5.05
1991	June	2,448	8,599	3.51
1991	July 6-25	11,604	65,002	5.60
1991	August	6,238	30,710	4.92
1992	June	230	1,158	5.03
1992	July 6-25	118,175	783,894	6.63
1992	August	13,937	84,916	6.09
1993	June	312	1,446	4.63
1993	July 6-25	60,541	369,080	6.10
1993	August	1,640	8,957	5.46
1994	June	0	0	0.00
1994	July 6-25	33,852	194,960	5.76
1994	August	866	4,346	5.02
1995	June	0	0	0.00
1995	July 6-25	30,671	148,098	4.83
1995	August	8	39	4.88

Appendix A.19. Sockeye salmon seine catch information; number, weight and average weight, for the Katmai and Alinchak Bay Sections (statistical areas 26260-26270), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	0	0	0.00
1983	July 6-25	0	0	0.00
1983	August	8	50	6.25
1984	June	18,516	113,152	6.11
1984	July 6-25	55	285	5.18
1984	August	629	2,391	3.80
1985	June	0	0	0.00
1985	July 6-25	16	65	4.06
1985	August	87	420	4.83
1986	June	0	0	0.00
1986	July 6-25	2,093	13,311	6.36
1986	August	1,324	5,992	4.53
1987	June	229	1,480	6.46
1987	July 6-25	15,824	102,112	6.45
1987	August	83	491	5.92
1988	June	0	0	0.00
1988	July 6-25	27,936	193,154	6.91
1988	August	300	1,657	5.52
1990	June	0	0	0.00
1990	July 6-25	23,276	138,025	5.93
1990	August	1,101	5,911	5.37
1991	June	1,993	12,182	6.11
1991	July 6-25	1,570	8,164	5.20
1991	August	919	4,159	4.53
1992	June	0	0	0.00
1992	July 6-25	98,051	613,163	6.25
1992	August	564	3,105	5.51
1993	June	0	0	0.00
1993	July 6-25	18,291	104,244	5.70
1993	August	2,100	11,539	5.49
1994	June	0	0	0.00
1994	July 6-25	37,943	208,190	5.49
1994	August	2	10	5.00
1995	June	9,511	52,172	5.49
1995	July 6-25	13,997	78,555	5.61
1995	August	24	126	5.25

Appendix A.20. Sockeye salmon set gillnet catch information; number, weight and average weight, for the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	3,784	20,352	5.38
1983	July 6-25	42,356	249,807	5.90
1983	August	8,338	50,490	6.06
1984	June	15,089	84,173	5.58
1984	July 6-25	30,091	176,527	5.87
1984	August	27,513	160,472	5.83
1985	June	15,826	82,462	5.21
1985	July 6-25	23,544	131,526	5.59
1985	August	32,314	179,893	5.57
1986	June	29,560	161,791	5.47
1986	July 6-25	65,285	390,238	5.98
1986	August	46,990	288,405	6.14
1987	June	16,775	97,453	5.81
1987	July 6-25	38,546	249,252	6.47
1987	August	31,018	188,093	6.06
1988	June	14,425	80,771	5.60
1988	July 6-25	43,195	276,764	6.41
1988	August	19,601	115,753	5.91
1990	June	30,724	160,823	5.23
1990	July 6-25	52,737	306,723	5.82
1990	August	184,681	1,050,738	5.69
1991	June	41,296	210,016	5.09
1991	July 6-25	71,215	406,099	5.70
1991	August	105,082	567,478	5.40
1992	June	68,688	347,782	5.06
1992	July 6-25	50,054	304,212	6.08
1992	August	50,431	264,470	5.24
1993	June	180,881	882,621	4.88
1993	July 6-25	116,007	639,888	5.52
1993	August	60,102	327,478	5.45
1994	June	68,435	344,264	5.03
1994	July 6-25	38,748	204,496	5.28
1994	August	73,111	389,120	5.32
1995	June	113,273	609,678	5.38
1995	July 6-25	45,540	253,278	5.56
1995	August	95,316	530,344	5.56

Appendix A.21. Sockeye salmon set gillnet catch information; number, weight and average weight, for the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	6,417	33,790	5.27
1983	July 6-25	47,046	291,733	6.20
1983	August	28,716	164,332	5.72
1984	June	15,160	84,660	5.58
1984	July 6-25	33,295	194,674	5.85
1984	August	35,308	202,399	5.73
1985	June	14,707	75,137	5.11
1985	July 6-25	25,272	139,785	5.53
1985	August	53,220	292,371	5.49
1986	June	47,304	246,899	5.22
1986	July 6-25	77,140	445,723	5.78
1986	August	110,778	690,014	6.23
1987	June	22,512	127,209	5.65
1987	July 6-25	26,389	166,385	6.31
1987	August	32,821	198,406	6.05
1988	June	16,020	86,191	5.38
1988	July 6-25	30,620	185,810	6.07
1988	August	27,903	164,233	5.89
1990	June	28,275	149,305	5.28
1990	July 6-25	44,905	249,700	5.56
1990	August	195,478	1,104,613	5.65
1991	June	21,203	106,095	5.00
1991	July 6-25	63,093	359,202	5.69
1991	August	213,010	1,140,290	5.35
1992	June	91,312	449,710	4.92
1992	July 6-25	30,680	185,069	6.03
1992	August	63,874	335,306	5.25
1993	June	167,802	810,805	4.83
1993	July 6-25	119,524	713,368	5.97
1993	August	59,747	325,895	5.45
1994	June	80,128	394,033	4.92
1994	July 6-25	35,282	188,873	5.35
1994	August	85,629	455,582	5.32
1995	June	105,693	545,467	5.16
1995	July 6-25	74,106	404,855	5.46
1995	August	105,513	592,950	5.62

Appendix A.22. Sockeye salmon set gillnet catch information; number, weight and average weight, for the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	13,500	73,834	5.47
1983	July 6-25	28,397	157,223	5.54
1983	August	122,160	698,625	5.72
1984	June	5,574	30,235	5.42
1984	July 6-25	48,998	294,649	6.01
1984	August	79,699	465,346	5.84
1985	June	26,544	124,532	4.69
1985	July 6-25	13,609	64,388	4.73
1985	August	211,820	973,090	4.59
1986	June	13,465	62,790	4.66
1986	July 6-25	50,260	301,703	6.00
1986	August	210,964	1,305,200	6.19
1987	June	7,252	40,428	5.57
1987	July 6-25	27,186	169,304	6.23
1987	August	116,336	698,497	6.00
1988	June	51,319	244,947	4.77
1988	July 6-25	96,608	530,438	5.49
1988	August	164,143	885,639	5.40
1990	June	134,225	640,891	4.77
1990	July 6-25	92,834	460,430	4.96
1990	August	160,318	902,106	5.63
1991	June	176,317	871,112	4.94
1991	July 6-25	131,006	657,627	5.02
1991	August	228,687	1,246,837	5.45
1992	June	45,527	218,424	4.80
1992	July 6-25	70,853	407,959	5.76
1992	August	22,179	118,318	5.33
1993	June	170,642	829,013	4.86
1993	July 6-25	89,095	436,611	4.90
1993	August	50,512	267,119	5.29
1994	June	94,181	453,805	4.82
1994	July 6-25	100,111	501,049	5.00
1994	August	81,880	439,478	5.37
1995	June	289,197	1,458,130	5.04
1995	July 6-25	128,255	661,234	5.16
1995	August	122,185	668,815	5.47

Appendix A.23. Sockeye salmon set gillnet catch information; number, weight and average weight, for the Outer Akalura, Outer Upper Station, Dog Salmon Flats and Olga Bay Sections, (statistical areas 25730-25740), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	25,476	132,270	5.19
1983	July 6-25	17,277	93,859	5.43
1983	August	32,118	176,970	5.51
1984	June	6,251	31,804	5.09
1984	July 6-25	21,692	128,529	5.93
1984	August	29,528	171,116	5.80
1985	June	49,519	228,391	4.61
1985	July 6-25	12,074	55,417	4.59
1985	August	62,566	279,789	4.47
1986	June	59,597	274,391	4.60
1986	July 6-25	31,675	172,861	5.46
1986	August	261,202	1,597,615	6.12
1987	June	48,915	267,236	5.46
1987	July 6-25	14,679	86,733	5.91
1987	August	41,141	244,894	5.95
1988	June	71,407	346,087	4.85
1988	July 6-25	53,652	272,615	5.08
1988	August	108,544	535,043	4.93
1990	June	113,395	525,934	4.64
1990	July 6-25	20,676	90,037	4.35
1990	August	50,197	277,283	5.52
1991	June	60,309	294,816	4.89
1991	July 6-25	220,227	999,959	4.54
1991	August	44,907	244,164	5.44
1992	June	28,297	134,942	4.77
1992	July 6-25	14,381	74,762	5.20
1992	August	14,086	72,683	5.16
1993	June	84,191	406,885	4.83
1993	July 6-25	16,958	78,068	4.60
1993	August	5,188	25,471	4.91
1994	June	41,180	196,141	4.76
1994	July 6-25	30,953	145,776	4.71
1994	August	41,317	214,324	5.19
1995	June	74,155	365,185	4.92
1995	July 6-25	43,299	221,024	5.10
1995	August	33,017	179,458	5.44

Appendix A.24. Sockeye salmon set gillnet catch information; number, weight and average weight, for the Central Section, east, and North Cape Section, (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Time Period	Catch Number	Catch Weight (lbs)	Average Weight (lbs)
1983	June	1,576	8,430	5.35
1983	July 6-25	2,334	12,883	5.52
1983	August	314	1,662	5.29
1984	June	982	5,555	5.66
1984	July 6-25	2,254	13,056	5.79
1984	August	372	2,235	6.01
1985	June	1,576	7,833	4.97
1985	July 6-25	2,301	12,314	5.35
1985	August	1,248	6,654	5.33
1986	June	1,907	10,146	5.32
1986	July 6-25	6,343	38,245	6.03
1986	August	1,437	8,478	5.90
1987	June	1,244	6,741	5.42
1987	July 6-25	3,517	23,820	6.77
1987	August	1,042	6,537	6.27
1988	June	3,391	17,131	5.05
1988	July 6-25	5,922	37,606	6.35
1988	August	1,438	8,724	6.07
1990	June	1,943	8,896	4.58
1990	July 6-25	4,435	24,871	5.61
1990	August	3,036	16,366	5.39
1991	June	2,241	11,963	5.34
1991	July 6-25	5,125	27,298	5.33
1991	August	1,091	5,789	5.31
1992	June	5,227	26,083	4.99
1992	July 6-25	11,191	70,916	6.34
1992	August	683	3,711	5.43
1993	June	15,339	77,039	5.02
1993	July 6-25	10,409	59,251	5.69
1993	August	1,584	8,566	5.41
1994	June	6,624	34,739	5.24
1994	July 6-25	2,864	16,371	5.72
1994	August	2,691	14,662	5.45
1995	June	15,374	75,639	4.92
1995	July 6-25	7,375	40,305	5.47
1995	August	2,451	14,112	5.76

**APPENDIX B. ESTIMATED AVERAGE WEIGHT OF LOCAL (KODIAK) AND UCI SOCKEYE SALMON AND CORRESPONDING HARVEST STOCK COMPOSITION ESTIMATES, JULY 6-25, BASED ON AVERAGE WEIGHT DIFFERENCES, BY AREA AND YEAR (1983-1995, EXCEPT 1989)**

Appendix B.1. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Northwest Afognak and Shuyak Island Sections (statistical areas 25130-25170), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	4.58	1.90	72%	7,741	2,978	0	10,719
1984	5.95	4.38	1.57	49%	1,090	1,114	0	2,204
1985	5.66	4.31	1.34	-24%	0	1,116	0	1,116
1986	5.77	4.64	1.14	142%	113	0	0	113
1987	6.74	5.35	1.39	89%	4,749	595	0	5,344
1988	6.64	5.15	1.49	146%	183,994	0	0	183,994
1990	6.44	5.16	1.28	-49%	0	5,157	0	5,157
1991	5.65	4.78	0.86	67%	4,822	2,381	0	7,203
1992	6.60	4.41	2.19	69%	7,083	3,110	0	10,193
1993	5.89	4.69	1.19	54%	9,659	8,215	0	17,874
1994	5.69	4.51	1.18	-13%	0	4,315	0	4,315
1995	5.66	4.45	1.21	61%	4,093	2,633	0	6,726

Appendix B.2. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Southwest Afognak Section (statistical areas 25110-25120), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.93	0.55	31%	5,926	12,992	0	18,918
1984	5.95	5.65	0.29	Unassessed	0	0	14,047	14,047
1985	5.66	5.19	0.46	Unassessed	0	0	1,740	1,740
1986	5.77	5.57	0.20	Unassessed	0	0	20,680	20,680
1987	6.74	6.57	0.17	Unassessed	0	0	45,869	45,869
1988	6.64	5.87	0.78	172%	86,649	0	0	86,649
1990	6.44	5.41	1.03	10%	2,179	20,512	0	22,691
1991	5.65	5.11	0.54	92%	31,395	2,788	0	34,183
1992	6.60	4.78	1.82	78%	38,578	11,161	0	49,739
1993	5.89	4.64	1.25	78%	57,368	16,599	0	73,967
1994	5.69	4.46	1.23	27%	3,690	9,870	0	13,560
1995	5.66	4.85	0.81	-15%	0	21,386	0	21,386

Appendix B.3. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.52	0.96	56%	23,461	18,651	0	42,112
1984	5.95	5.65	0.30	Unassessed	0	0	21,496	21,496
1985	5.66	5.01	0.65	3%	383	12,950	0	13,333
1986	5.77	5.72	0.05	Unassessed	0	0	59,151	59,151
1987	6.74	5.85	0.89	154%	114,473	0	0	114,473
1988	6.64	5.52	1.12	114%	75,026	0	0	75,026
1990	6.44	5.32	1.11	19%	10,065	42,048	0	52,113
1991	5.65	5.20	0.44	Unassessed	0	0	58,070	58,070
1992	6.60	4.98	1.62	89%	113,557	14,502	0	128,059
1993	5.89	4.82	1.07	82%	121,654	26,322	0	147,976
1994	5.69	4.78	0.91	24%	6,773	21,276	0	28,049
1995	5.66	5.22	0.44	Unassessed	0	0	27,899	27,899

Appendix B.4. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.13	1.35	41%	2,783	3,974	0	6,757
1984	5.95	5.09	0.85	58%	989	729	0	1,718
1985	5.66	5.20	0.45	Unassessed	0	0	10,039	10,039
1986	5.77	5.81	-0.04	Unassessed	0	0	22,422	22,422
1987	6.74	5.50	1.24	120%	22,194	0	0	22,194
1988	6.64	5.43	1.21	107%	44,751	0	0	44,751
1990	6.44	5.34	1.09	-8%	0	8,680	0	8,680
1991	5.65	5.07	0.58	41%	6,701	9,451	0	16,152
1992	6.60	4.89	1.71	72%	32,060	12,401	0	44,461
1993	5.89	4.83	1.06	61%	23,494	14,714	0	38,208
1994	5.69	4.60	1.09	5%	498	9,125	0	9,623
1995	5.66	4.97	0.69	11%	4,383	35,242	0	39,625

Appendix B.5. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Inner and Outer Karluk Sections (statistical areas 25510-25520), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	4.51	1.97	NA <sup>a</sup>	0	0	0	0
1984	5.95	5.55	0.40	Unassessed	0	0	18,176	18,176
1985	5.66	4.63	1.03	16%	90	472	0	562
1986	5.77	5.92	-0.15	Unassessed	0	0	92,150	92,150
1987	6.74	5.15	1.59	11%	1,467	11,357	0	12,824
1988	6.64	5.38	1.26	80%	5,918	1,452	0	7,370
1990	6.44	5.42	1.02	NA <sup>a</sup>	0	0	0	0
1991	5.65	NA <sup>b</sup>	NA <sup>b</sup>	NA <sup>b</sup>	0	0	0	0
1992	6.60	4.66	1.94	-10%	0	1,110	0	1,110
1993	5.89	4.52	1.37	58%	33,015	23,772	0	56,787
1994	5.69	4.36	1.33	15%	7,081	39,598	0	46,679
1995	5.66	4.73	0.93	43%	17,489	23,052	0	40,541

<sup>a</sup> No sockeye harvest during July 6-25 for that year.

<sup>b</sup> No sockeye harvest for that year.

Appendix B.6. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Sturgeon and Halibut Bay Sections (statistical areas 25625-25640), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	NA <sup>a</sup>	NA <sup>a</sup>	NA <sup>a</sup>	0	0	0	0
1984	5.95	5.66	0.29	Unassessed	0	0	21,889	21,889
1985	5.66	4.53	1.13	52%	427	393	0	820
1986	5.77	6.15	-0.38	Unassessed	0	0	77,894	77,894
1987	6.74	5.87	0.86	11%	1,157	9,330	0	10,487
1988	6.64	4.93	1.71	52%	98,093	89,137	0	187,230
1990	6.44	5.34	1.10	-5%	0	7,740	0	7,740
1991	5.65	5.03	0.61	44%	80,297	101,766	0	182,063
1992	6.60	4.93	1.67	77%	267,689	82,002	0	349,691
1993	5.89	4.89	1.00	404%	11	0	0	11
1994	5.69	5.01	0.68	-12%	0	14,692	0	14,692
1995	5.66	4.91	0.75	15%	19,015	111,355	0	130,370

<sup>a</sup> No sockeye harvested for that year.

Appendix B.7. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Inner and Outer Ayakulik Sections (statistical areas 25610-25620), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.27	1.21	NA <sup>a</sup>	0	0	0	0
1984	5.95	4.44	1.50	36%	71,588	127,954	0	199,542
1985	5.66	4.53	1.13	47%	32,658	37,359	0	70,017
1986	5.77	4.86	0.92	80%	56,007	14,071	0	70,078
1987	6.74	5.04	1.69	NA <sup>a</sup>	0	0	0	0
1988	6.64	4.76	1.89	70%	2,354	987	0	3,341
1990	6.44	4.71	1.73	29%	149,194	363,007	0	512,201
1991	5.65	4.87	0.78	32%	99,759	208,007	0	307,766
1992	6.60	4.69	1.91	92%	150,957	13,996	0	164,953
1993	5.89	4.88	1.01	NA <sup>a</sup>	0	0	0	0
1994	5.69	4.82	0.87	-12%	0	19,554	0	19,554
1995	5.66	4.87	0.79	23%	28,120	92,188	0	120,308

<sup>a</sup> No sockeye harvest during July 6-25 for that year.

Appendix B.8. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Cape Alitak Section (statistical areas 25710-25720), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.50	0.98	5%	1,482	25,917	0	27,399
1984	5.95	5.65	0.30	Unassessed	0	0	36,120	36,120
1985	5.66	4.23	1.43	21%	4,331	16,393	0	20,724
1986	5.77	6.06	-0.29	Unassessed	0	0	51,484	51,484
1987	6.74	5.86	0.88	84%	32,372	6,265	0	38,637
1988	6.64	4.68	1.96	46%	47,716	55,601	0	103,317
1990	6.44	5.02	1.42	-11%	0	132,489	0	132,489
1991	5.65	5.05	0.59	-25%	0	290,783	0	290,783
1992	6.60	4.80	1.80	59%	58,696	40,383	0	99,079
1993	5.89	4.88	1.01	16%	20,595	104,960	0	125,555
1994	5.69	4.69	1.00	-1%	0	133,924	0	133,924
1995	5.66	4.92	0.74	36%	66,910	120,605	0	187,515

Appendix B.9. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.44	1.04	16%	1,178	6,056	0	7,234
1984	5.95	5.63	0.32	Unassessed	0	0	1,306	1,306
1985	5.66	4.27	1.39	43%	2,130	2,773	0	4,903
1986	5.77	6.09	-0.31	Unassessed	0	0	38,737	38,737
1987	6.74	5.91	0.83	93%	9,530	713	0	10,243
1988	6.64	4.77	1.87	64%	9,194	5,194	0	14,388
1990	6.44	4.56	1.88	51%	3,018	2,921	0	5,939
1991	5.65	5.13	0.52	-15%	0	10,312	0	10,312
1992	6.60	4.62	1.98	106%	10,933	0	0	10,933
1993	5.89	5.44	0.45	Unassessed	0	0	7,234	7,234
1994	5.69	4.66	1.03	11%	2,689	21,595	0	24,284
1995	5.66	5.02	0.64	20%	6,528	26,481	0	33,009

Appendix B.10. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Seven River and Two-Headed Sections (statistical areas 25854-25890), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.17	1.30	-10%	0	2,265	0	2,265
1984	5.95	NA <sup>a</sup>	NA <sup>a</sup>	NA <sup>a</sup>	0	0	2,441	2,441
1985	5.66	4.48	1.18	-36%	0	3,048	0	3,048
1986	5.77	4.75	1.02	-101%	0	220	0	220
1987	6.74	5.73	1.01	35%	727	1,374	0	2,101
1988	6.64	5.22	1.42	-2%	0	1,309	0	1,309
1990	6.44	5.27	1.17	46%	598	689	0	1,287
1991	5.65	4.84	0.81	69%	6,402	2,827	0	9,229
1992	6.60	5.30	1.30	91%	47,687	4,867	0	52,554
1993	5.89	5.27	0.61	-18%	0	58,868	0	58,868
1994	5.69	4.85	0.84	17%	4,830	22,769	0	27,599
1995	5.66	4.78	0.88	89%	36,845	4,425	0	41,270

<sup>a</sup> No sockeye harvested that year.

Appendix B.11. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Sitkalidak Section (statistical areas 25810-25853), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	4.77	1.71	46%	1,673	1,935	0	3,608
1984	5.95	6.02	-0.07	Unassessed	0	0	1,851	1,851
1985	5.66	4.70	0.96	25%	1,910	5,666	0	7,576
1986	5.77	6.31	-0.54	49%	5,714	5,929	0	11,643
1987	6.74	5.43	1.31	117%	5,759	0	0	5,759
1988	6.64	5.26	1.39	98%	47,968	1,187	0	49,155
1990	6.44	5.19	1.25	99%	54,363	489	0	54,852
1991	5.65	5.28	0.37	Unassessed	0	0	174,666	174,666
1992	6.60	5.17	1.43	80%	345,337	84,305	0	429,642
1993	5.89	4.65	1.24	52%	59,231	53,975	0	113,206
1994	5.69	4.82	0.87	40%	14,328	21,110	0	35,438
1995	5.66	5.16	0.50	34%	28,292	55,656	0	83,948

Appendix B. 12. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Inner and Outer Ugak Bay Sections (statistical areas 25940-25942), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.67	0.81	-45%	0	4,137	0	4,137
1984	5.95	5.99	-0.04	Unassessed	0	0	10,395	10,395
1985	5.66	5.30	0.36	Unassessed	0	0	1,372	1,372
1986	5.77	5.44	0.33	Unassessed	0	0	18,321	18,321
1987	6.74	8.00	-1.26	237%	0	3,327	0	3,327
1988	6.64	6.15	0.49	Unassessed	0	0	12,147	12,147
1990	6.44	4.89	1.55	42%	4,960	6,915	0	11,875
1991	5.65	4.65	1.00	71%	9,267	3,755	0	13,022
1992	6.60	5.66	0.94	60%	43,875	29,169	0	73,044
1993	5.89	5.11	0.78	45%	28,170	34,859	0	63,029
1994	5.69	4.83	0.86	27%	3,538	9,599	0	13,137
1995	5.66	5.31	0.35	Unassessed	0	0	29,296	29,296

Appendix B. 13. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Northeast Kodiak District (statistical areas 25910-25925), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.15	1.33	71%	633	255	0	888
1984	5.95	4.66	1.28	-77%	0	662	0	662
1985	5.66	4.84	0.82	39%	64	100	0	164
1986	5.77	5.10	0.67	-20%	0	125	0	125
1987	6.74	6.07	0.67	-38%	0	60	0	60
1988	6.64	4.92	1.73	89%	235	28	0	263
1990	6.44	5.20	1.24	-32%	0	5	0	5
1991	5.65	5.34	0.30	Unassessed	0	0	13,804	13,804
1992	6.60	6.01	0.59	44%	22,012	27,823	0	49,835
1993	5.89	4.96	0.93	50%	3,292	3,343	0	6,635
1994	5.69	4.59	1.10	43%	1,417	1,884	0	3,301
1995	5.66	5.56	0.10	Unassessed	0	0	195	195

Appendix B.14. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Central Section, east, and North Cape Section (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.57	0.91	1%	20	1,932	0	1,952
1984	5.95	5.05	0.90	-2%	0	2,585	0	2,585
1985	5.66	5.07	0.59	-28%	0	6,141	0	6,141
1986	5.77	5.27	0.51	130%	11,868	0	0	11,868
1987	6.74	5.55	1.19	98%	8,642	176	0	8,818
1988	6.64	4.89	1.76	88%	14,840	2,080	0	16,920
1990	6.44	4.71	1.73	43%	4,309	5,701	0	10,010
1991	5.65	5.07	0.57	-14%	0	8,115	0	8,115
1992	6.60	4.90	1.70	91%	6,196	609	0	6,805
1993	5.89	4.90	0.99	84%	5,169	976	0	6,145
1994	5.69	4.87	0.82	3%	348	11,085	0	11,433
1995	5.66	4.63	1.03	30%	4,734	10,979	0	15,713

Appendix B.15. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Southeast Afognak Section (statistical areas 25233-25235), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	4.06	2.41	52%	1,018	935	0	1,953
1984	5.95	4.40	1.55	40%	426	651	0	1,077
1985	5.66	4.36	1.30	52%	1,117	1,028	0	2,145
1986	5.77	4.82	0.95	125%	2,716	0	0	2,716
1987	6.74	4.78	1.96	105%	3,601	0	0	3,601
1988	6.64	4.95	1.69	71%	293	118	0	411
1990	6.44	3.67	2.77	16%	757	4,072	0	4,829
1991	5.65	4.35	1.30	14%	1,075	6,362	0	7,437
1992	6.60	4.04	2.56	90%	10,445	1,195	0	11,640
1993	5.89	4.56	1.33	69%	5,438	2,489	0	7,927
1994	5.69	3.71	1.98	84%	877	163	0	1,040
1995	5.66	4.27	1.39	37%	591	1,001	0	1,592

Appendix B.16. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Duck, Izhut and Kitoi Bay Sections (statistical areas 25230-25232), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	4.94	1.53	-12%	0	6,201	0	6,201
1984	5.95	4.57	1.38	23%	372	1,215	0	1,587
1985	5.66	4.67	0.99	27%	1,545	4,212	0	5,757
1986	5.77	4.91	0.86	164%	237	0	0	237
1987	6.74	5.81	0.93	68%	4,854	2,238	0	7,092
1988	6.64	4.97	1.67	90%	2,968	320	0	3,288
1990	6.44	4.97	1.47	32%	316	662	0	978
1991	5.65	4.59	1.06	37%	1,310	2,194	0	3,504
1992	6.60	5.06	1.54	33%	5,923	11,866	0	17,789
1993	5.89	5.07	0.82	23%	4,228	14,477	0	18,705
1994	5.69	5.04	0.65	45%	2,051	2,542	0	4,593
1995	5.66	4.61	1.05	16%	241	1,243	0	1,484

Appendix B.17. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Northeast Afognak and Perenosa Sections (statistical areas 25181-25220), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	4.39	2.09	52%	43	40	0	83
1984	5.95	4.58	1.37	56%	379	299	0	678
1985	5.66	4.56	1.10	NA <sup>a</sup>	0	0	0	0
1986	5.77	5.64	0.13	Unassessed	0	0	938	938
1987	6.74	6.13	0.61	-19%	0	119	0	119
1988	6.64	5.39	1.25	65%	1,081	573	0	1,654
1990	6.44	5.18	1.26	12%	9	71	0	80
1991	5.65	5.22	0.43	Unassessed	0	0	1,262	1,262
1992	6.60	5.11	1.49	61%	4,491	2,871	0	7,362
1993	5.89	5.33	0.56	-35%	0	2,656	0	2,656
1994	5.69	5.26	0.43	Unassessed	0	0	1,392	1,392
1995	5.66	4.30	1.36	1%	23	1,950	0	1,973

<sup>a</sup> No sockeye harvest during July 6-25 for that year.

Appendix B.18. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Big River, Hallo Bay, Inner and Outer Kukak Bay and Dakavak Bay Sections (statistical areas 26210-26255), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	4.05	2.43	11%	306	2,509	0	2,815
1984	5.95	3.72	2.23	15%	210	1,187	0	1,397
1985	5.66	4.56	1.09	51%	3,778	3,641	0	7,419
1986	5.77	4.47	1.30	37%	3,367	5,772	0	9,139
1987	6.74	5.30	1.44	49%	5,004	5,215	0	10,219
1988	6.64	4.50	2.15	118%	207,492	0	0	207,492
1990	6.44	4.60	1.84	90%	47,183	5,374	0	52,557
1991	5.65	4.53	1.12	96%	11,149	455	0	11,604
1992	6.60	6.08	0.52	106%	118,175	0	0	118,175
1993	5.89	5.33	0.56	138%	60,541	0	0	60,541
1994	5.69	5.02	0.67	110%	33,852	0	0	33,852
1995	5.66	4.88	0.78	-6%	0	30,671	0	30,671

Appendix B.19. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight difference, for the Katmai and Alinchak Bay Sections (statistical areas 26260-26270), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	6.25	0.23	NA <sup>a</sup>	0	0	0	0
1984	5.95	6.04	-0.09	Unassessed	0	0	55	55
1985	5.66	4.83	0.83	-92%	0	16	0	16
1986	5.77	4.53	1.25	147%	2,093	0	0	2,093
1987	6.74	6.32	0.42	Unassessed	0	0	15,824	15,824
1988	6.64	5.52	1.12	124%	27,936	0	0	27,936
1990	6.44	5.37	1.07	52%	12,216	11,060	0	23,276
1991	5.65	5.61	0.03	Unassessed	0	0	1,570	1,570
1992	6.60	5.51	1.10	68%	66,979	31,072	0	98,051
1993	5.89	5.49	0.39	Unassessed	0	0	18,291	18,291
1994	5.69	5.00	0.69	70%	26,732	11,211	0	37,943
1995	5.66	5.48	0.18	Unassessed	0	0	13,997	13,997

<sup>a</sup> No sockeye harvest during July 6-25 for that year.

Appendix B.20. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight difference, for the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.84	0.63	8%	3,592	38,764	0	42,356
1984	5.95	5.74	0.21	Unassessed	0	0	30,091	30,091
1985	5.66	5.45	0.21	Unassessed	0	0	23,544	23,544
1986	5.77	5.88	-0.11	Unassessed	0	0	65,285	65,285
1987	6.74	5.97	0.76	64%	24,790	13,756	0	38,546
1988	6.64	5.78	0.87	73%	31,464	11,731	0	43,195
1990	6.44	5.62	0.81	24%	12,417	40,320	0	52,737
1991	5.65	5.31	0.33	Unassessed	0	0	71,215	71,215
1992	6.60	5.14	1.46	64%	32,136	17,918	0	50,054
1993	5.89	5.02	0.87	57%	66,272	49,735	0	116,007
1994	5.69	5.18	0.51	19%	7,322	31,426	0	38,748
1995	5.66	5.47	0.19	Unassessed	0	0	45,540	45,540

Appendix B.21. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight difference, for the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.64	0.84	67%	31,530	15,516	0	47,046
1984	5.95	5.69	0.26	Unassessed	0	0	33,295	33,295
1985	5.66	5.41	0.25	Unassessed	0	0	25,272	25,272
1986	5.77	5.93	-0.15	Unassessed	0	0	77,140	77,140
1987	6.74	5.88	0.85	49%	12,984	13,405	0	26,389
1988	6.64	5.70	0.94	39%	11,932	18,688	0	30,620
1990	6.44	5.60	0.83	-5%	0	44,905	0	44,905
1991	5.65	5.32	0.32	Unassessed	0	0	63,093	63,093
1992	6.60	5.06	1.54	63%	19,372	11,308	0	30,680
1993	5.89	5.00	0.89	109%	119,524	0	0	119,524
1994	5.69	5.13	0.57	40%	14,200	21,082	0	35,282
1995	5.66	5.39	0.27	Unassessed	0	0	74,106	74,106

Appendix B.22. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight difference, for the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.69	0.78	-20%	0	28,397	0	28,397
1984	5.95	5.81	0.14	Unassessed	0	0	48,998	48,998
1985	5.66	4.60	1.05	12%	1,634	11,975	0	13,609
1986	5.77	6.10	-0.32	Unassessed	0	0	50,260	50,260
1987	6.74	5.98	0.76	33%	8,892	18,294	0	27,186
1988	6.64	5.25	1.40	17%	16,847	79,761	0	96,608
1990	6.44	5.24	1.20	-23%	0	92,834	0	92,834
1991	5.65	5.23	0.42	Unassessed	0	0	131,006	131,006
1992	6.60	4.97	1.63	48%	34,152	36,701	0	70,853
1993	5.89	4.96	0.93	-6%	0	89,095	0	89,095
1994	5.69	5.07	0.62	-11%	0	100,111	0	100,111
1995	5.66	5.17	0.49	Unassessed	0	0	128,255	128,255

Appendix B.23. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight difference, for the Outer Akalura, Outer Upper Station, Dog Salmon Flats and Olga Bay Sections (statistical areas 25730-25740), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.37	1.11	6%	987	16,290	0	17,277
1984	5.95	5.67	0.28	Unassessed	0	0	21,692	21,692
1985	5.66	4.53	1.12	5%	600	11,474	0	12,074
1986	5.77	5.84	-0.06	Unassessed	0	0	31,675	31,675
1987	6.74	5.69	1.05	21%	3,094	11,585	0	14,679
1988	6.64	4.90	1.75	11%	5,674	47,978	0	53,652
1990	6.44	4.91	1.53	-36%	0	20,676	0	20,676
1991	5.65	5.12	0.52	-111%	0	220,227	0	220,227
1992	6.60	4.90	1.70	18%	2,534	11,847	0	14,381
1993	5.89	4.84	1.05	-22%	0	16,958	0	16,958
1994	5.69	4.98	0.72	-37%	0	30,953	0	30,953
1995	5.66	5.08	0.58	4%	1,691	41,608	0	43,299

Appendix B.24. Estimated average weight of local (Kodiak) and UCI sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight difference, for the Central Section, east, and North Cape Section (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Catch Total
	UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.48	5.34	1.14	16%	369	1,965	0	2,334
1984	5.95	5.75	0.19	Unassessed	0	0	2,254	2,254
1985	5.66	5.13	0.53	42%	966	1,335	0	2,301
1986	5.77	5.57	0.20	Unassessed	0	0	6,343	6,343
1987	6.74	5.81	0.93	104%	3,517	0	0	3,517
1988	6.64	5.35	1.29	77%	4,577	1,345	0	5,922
1990	6.44	5.07	1.36	39%	1,737	2,698	0	4,435
1991	5.65	5.33	0.32	Unassessed	0	0	5,125	5,125
1992	6.60	5.04	1.56	83%	9,298	1,893	0	11,191
1993	5.89	5.06	0.83	76%	7,963	2,446	0	10,409
1994	5.69	5.30	0.39	Unassessed	0	0	2,864	2,864
1995	5.66	5.04	0.62	69%	5,059	2,316	0	7,375

**APPENDIX C. ESTIMATES OF NON-LOCAL AND LOCAL SOCKEYE SALMON CAUGHT, JULY 6-25, WITHIN THE KMA, BY AREA AND YEAR, USING UCI CATCH AVERAGE WEIGHT AS AN ESTIMATE FOR NON-LOCAL AVERAGE WEIGHT**

Appendix C.1. Using UCI catch, July 5- August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Northwest Afognak and Shuyak Island Sections (statistical areas 25130-25170), 1983-1995, except for 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Relative Point	Relative Minimum	Relative Maximum	Relative Point	Relative Minimum	Relative Maximum		
1983	7,741	7,730	8,067	2,978	2,652	2,989	0	10,719
1984	1,090	1,089	1,551	1,114	653	1,115	0	2,204
1985	0	0	0	1,116	1,116	1,116	0	1,116
1986	113	113	113	0	0	0	0	113
1987	4,749	4,686	4,855	595	489	658	0	5,344
1988	183,994	183,994	183,994	0	0	0	0	183,994
1990	0	0	1,141	5,157	4,016	5,157	0	5,157
1991	4,822	4,779	6,069	2,381	1,134	2,424	0	7,203
1992	7,083	5,682	7,513	3,110	2,680	4,511	0	10,193
1993	9,659	0	10,528	8,215	7,346	17,874	0	17,874
1994	0	0	71	4,315	4,244	4,315	0	4,315
1995	4,093	0	4,207	2,633	2,519	6,726	0	6,726

Appendix C.2. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the South West Afognak (statistical areas 25110-25120), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	5,926	5,926	17,825	12,992	1,093	12,992	0	18,918
1984	0	0	0	0	0	0	14,047	14,047
1985	0	0	0	0	0	0	1,740	1,740
1986	0	0	0	0	0	0	20,680	20,680
1987	0	0	0	0	0	0	45,869	45,869
1988	86,649	86,649	86,649	0	0	0	0	86,649
1990	2,179	901	12,926	20,512	9,765	21,790	0	22,691
1991	31,395	30,275	32,719	2,788	1,464	3,908	0	34,183
1992	38,578	36,408	40,694	11,161	9,045	13,331	0	49,739
1993	57,368	36,550	58,267	16,599	15,700	37,417	0	73,967
1994	3,690	0	4,893	9,870	8,667	13,560	0	13,560
1995	0	0	1,074	21,386	20,312	21,386	0	21,386

Appendix C.3. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	23,461	22,748	24,419	18,651	17,693	19,364	0	42,112
1984	0	0	0	0	0	0	21,496	21,496
1985	383	0	2,409	12,950	10,924	13,333	0	13,333
1986	0	0	0	0	0	0	59,151	59,151
1987	114,473	114,473	114,473	0	0	0	0	114,473
1988	75,026	75,026	75,026	0	0	0	0	75,026
1990	10,065	7,614	19,638	42,048	32,475	44,499	0	52,113
1991	0	0	0	0	0	0	58,070	58,070
1992	113,557	110,936	115,645	14,502	12,414	17,123	0	128,059
1993	121,654	102,621	127,217	26,322	20,759	45,355	0	147,976
1994	6,773	0	14,459	21,276	13,590	28,049	0	28,049
1995	0	0	0	0	0	0	27,899	27,899

Appendix C.4. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	2,783	2,317	3,600	3,974	3,157	4,440	0	6,757
1984	989	394	1,167	729	551	1,324	0	1,718
1985	0	0	0	0	0	0	10,039	10,039
1986	0	0	0	0	0	0	22,422	22,422
1987	22,194	22,194	22,194	0	0	0	0	22,194
1988	44,751	44,751	44,751	0	0	0	0	44,751
1990	0	0	3,573	8,680	5,107	8,680	0	8,680
1991	6,701	6,307	10,336	9,451	5,816	9,845	0	16,152
1992	32,060	30,940	34,700	12,401	9,761	13,521	0	44,461
1993	23,494	8,696	27,075	14,714	11,133	29,512	0	38,208
1994	498	0	3,408	9,125	6,215	9,623	0	9,623
1995	4,383	1,557	15,582	35,242	24,043	38,068	0	39,625

Appendix C.5. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Inner and Outer Karluk Sections (statistical areas 25510-25520), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	18,176	18,176
1985	90	0	110	472	452	562	0	562
1986	0	0	0	0	0	0	92,150	92,150
1987	1,467	0	1,531	11,357	11,293	12,824	0	12,824
1988	5,918	5,401	6,288	1,452	1,082	1,969	0	7,370
1990	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0
1992	0	0	0	1,110	1,110	1,110	0	1,110
1993	33,015	33,015	33,015	23,772	23,772	23,772	0	56,787
1994	7,081	0	7,281	39,598	39,398	46,679	0	46,679
1995	17,489	0	17,497	23,052	23,044	40,541	0	40,541

Appendix C.6. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Sturgeon and Halibut Bay Sections (statistical areas 25625-25640), 1983-1995, 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	21,889	21,889
1985	427	427	427	393	393	393	0	820
1986	0	0	0	0	0	0	77,894	77,894
1987	1,157	578	4,944	9,330	5,543	9,909	0	10,487
1988	98,093	73,853	106,873	89,137	80,357	113,377	0	187,230
1990	0	0	2,431	7,740	5,309	7,740	0	7,740
1991	80,297	26,811	104,171	101,766	77,892	155,252	0	182,063
1992	267,689	253,359	275,294	82,002	74,397	96,332	0	349,691
1993	11	11	11	0	0	0	0	11
1994	0	0	0	14,692	14,692	14,692	0	14,692
1995	19,015	0	28,405	111,355	101,965	130,370	0	130,370

Appendix C.7. Using UCI catch, July 5 - August 8, for the non-local average weight, minimum and maximum estimates of non-local and local sockeye salmon, and sockeye harvest in number of fish in the seine fishery, July 6-25, within the Inner Ayakulik Sections (statistical areas 25610-25620), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	0	0	0	0	0
1984	71,588	0	79,997	127,954	119,545	199,542	0	199,542
1985	32,658	23,265	33,853	37,359	36,164	46,752	0	70,017
1986	56,007	0	57,183	14,071	12,895	70,078	0	70,078
1987	0	0	0	0	0	0	0	0
1988	2,354	2,202	2,355	987	986	1,139	0	3,341
1990	149,194	0	154,209	363,007	357,992	512,201	0	512,201
1991	99,759	0	117,997	208,007	189,769	307,766	0	307,766
1992	150,957	148,560	150,996	13,996	13,957	16,393	0	164,953
1993	0	0	0	0	0	0	0	0
1994	0	0	0	19,554	19,554	19,554	0	19,554
1995	28,120	9,763	32,272	92,188	88,036	110,545	0	120,308

Appendix C.8. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Cape Alitak Section (statistical areas 25710-25720), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	1,482	648	5,858	25,917	21,541	26,751	0	27,399
1984	0	0	0	0	0	0	36,120	36,120
1985	4,331	182	4,674	16,393	16,050	20,542	0	20,724
1986	0	0	0	0	0	0	51,484	51,484
1987	32,372	31,967	34,648	6,265	3,989	6,670	0	38,637
1988	47,716	47,706	47,775	55,601	55,542	55,611	0	103,317
1990	0	0	19,664	132,489	112,825	132,489	0	132,489
1991	0	0	42,015	290,783	248,768	290,783	0	290,783
1992	58,696	51,331	60,488	40,383	38,591	47,748	0	99,079
1993	20,595	0	28,194	104,960	97,361	125,555	0	125,555
1994	0	0	11,708	133,924	122,216	133,924	0	133,924
1995	66,910	0	71,668	120,605	115,847	187,515	0	187,515

Appendix C.9. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	1,178	990	1,185	6,056	6,049	6,244	0	7,234
1984	0	0	0	0	0	0	1,306	1,306
1985	2,130	1,440	2,150	2,773	2,753	3,463	0	4,903
1986	0	0	0	0	0	0	38,737	38,737
1987	9,530	9,530	9,586	713	657	713	0	10,243
1988	9,194	8,378	10,284	5,194	4,104	6,010	0	14,388
1990	3,018	3,018	3,018	2,921	2,921	2,921	0	5,939
1991	0	0	3,548	10,312	6,764	10,312	0	10,312
1992	10,933	10,933	10,933	0	0	0	0	10,933
1993	0	0	0	0	0	0	7,234	7,234
1994	2,689	0	6,737	21,595	17,547	24,284	0	24,284
1995	6,528	2,392	11,204	26,481	21,805	30,617	0	33,009

Appendix C.10. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Seven River and Two-Headed Sections (statistical areas 25854-25890), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	2,265	2,265	2,265	0	2,265
1984	0	0	0	0	0	0	2,441	2,441
1985	0	0	0	3,048	3,048	3,048	0	3,048
1986	0	0	0	220	220	220	0	220
1987	727	727	727	1,374	1,374	1,374	0	2,101
1988	0	0	0	1,309	1,309	1,309	0	1,309
1990	598	435	837	689	450	852	0	1,287
1991	6,402	6,402	6,402	2,827	2,827	2,827	0	9,229
1992	47,687	47,218	48,419	4,867	4,135	5,336	0	52,554
1993	0	0	0	58,868	58,868	58,868	0	58,868
1994	4,830	0	4,979	22,769	22,620	27,599	0	27,599
1995	36,845	18,884	36,994	4,425	4,276	22,386	0	41,270

Appendix C.11. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Sitkalidak Section (statistical areas 25810-25853), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	1,673	1,673	1,673	1,935	1,935	1,935	0	3,608
1984	0	0	0	0	0	0	1,851	1,851
1985	1,910	0	3,013	5,666	4,563	7,576	0	7,576
1986	0	0	0	11,643	11,643	11,643	0	11,643
1987	5,759	0	5,759	0	0	5,759	0	5,759
1988	47,968	47,703	47,998	1,187	1,157	1,452	0	49,155
1990	54,363	54,238	54,498	489	354	614	0	54,852
1991	0	0	0	0	0	0	174,666	174,666
1992	345,337	342,227	349,779	84,305	79,863	87,415	0	429,642
1993	59,231	36,911	74,970	53,975	38,236	76,295	0	113,206
1994	14,328	7,430	15,722	21,110	19,716	28,008	0	35,438
1995	28,292	5,770	41,901	55,656	42,047	78,178	0	83,948

Appendix C. 12.

Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Inner and Outer Ugak Sections (statistical areas 25940-25942), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	4,137	4,137	4,137	0	4,137
1984	0	0	0	0	0	0	10,395	10,395
1985	0	0	0	0	0	0	1,372	1,372
1986	0	0	0	0	0	0	18,321	18,321
1987	0	0	0	3,327	3,327	3,327	0	3,327
1988	0	0	0	0	0	0	12,147	12,147
1990	4,960	443	5,965	6,915	5,910	11,432	0	11,875
1991	9,267	9,267	9,267	3,755	3,755	3,755	0	13,022
1992	43,875	37,504	55,622	29,169	17,422	35,540	0	73,044
1993	28,170	13,376	29,107	34,859	33,922	49,653	0	63,029
1994	3,538	3,227	3,817	9,599	9,320	9,910	0	13,137
1995	0	0	0	0	0	0	29,296	29,296

Appendix C.13. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Northeast Kodiak District (statistical areas 25910-25925), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	633	633	633	255	255	255	0	888
1984	0	0	0	662	662	662	0	662
1985	64	64	64	100	100	100	0	164
1986	0	0	0	125	125	125	0	125
1987	0	0	0	60	60	60	0	60
1988	235	235	235	28	28	28	0	263
1990	0	0	0	5	5	5	0	5
1991	0	0	0	0	0	0	13,804	13,804
1992	22,012	22,012	22,012	27,823	27,823	27,823	0	49,835
1993	3,292	3,292	3,292	3,343	3,343	3,343	0	6,635
1994	1,417	0	1,557	1,884	1,744	3,301	0	3,301
1995	0	0	0	0	0	0	195	195

Appendix C.14. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Central Section, east, and North Cape Section (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	20	0	887	1,932	1,065	1,952	0	1,952
1984	0	0	0	2,585	2,585	2,585	0	2,585
1985	0	0	1,374	6,141	4,767	6,141	0	6,141
1986	11,868	11,868	11,868	0	0	0	0	11,868
1987	8,642	8,612	8,650	176	168	206	0	8,818
1988	14,840	13,591	14,996	2,080	1,924	3,329	0	16,920
1990	4,309	1,899	4,846	5,701	5,164	8,111	0	10,010
1991	0	0	1,066	8,115	7,049	8,115	0	8,115
1992	6,196	5,584	6,211	609	594	1,221	0	6,805
1993	5,169	1,881	5,179	976	966	4,264	0	6,145
1994	348	0	1,588	11,085	9,845	11,433	0	11,433
1995	4,734	0	6,093	10,979	9,620	15,713	0	15,713

Appendix C.15. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Southeast Afognak Section (statistical areas 25233-25235), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	1,018	825	1,020	935	933	1,128	0	1,953
1984	426	208	430	651	647	869	0	1,077
1985	1,117	0	1,496	1,028	649	2,145	0	2,145
1986	2,716	2,716	2,716	0	0	0	0	2,716
1987	3,601	3,601	3,601	0	0	0	0	3,601
1988	293	279	300	118	111	132	0	411
1990	757	0	803	4,072	4,026	4,829	0	4,829
1991	1,075	0	1,077	6,362	6,360	7,437	0	7,437
1992	10,445	9,646	10,561	1,195	1,079	1,994	0	11,640
1993	5,438	4,623	5,580	2,489	2,347	3,304	0	7,927
1994	877	375	879	163	161	665	0	1,040
1995	591	0	599	1,001	993	1,592	0	1,592

Appendix C. 16.

Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Duck, Izhut and Kitoi Bay Sections (statistical areas 25230-25232), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	6,201	6,201	6,201	0	6,201
1984	372	148	416	1,215	1,171	1,439	0	1,587
1985	1,545	1,437	2,672	4,212	3,085	4,320	0	5,757
1986	237	237	237	0	0	0	0	237
1987	4,854	4,854	4,854	2,238	2,238	2,238	0	7,092
1988	2,968	2,968	2,968	320	320	320	0	3,288
1990	316	316	316	662	662	662	0	978
1991	1,310	1,257	1,374	2,194	2,130	2,247	0	3,504
1992	5,923	5,871	6,082	11,866	11,707	11,918	0	17,789
1993	4,228	248	4,367	14,477	14,338	18,457	0	18,705
1994	2,051	1,560	3,251	2,542	1,342	3,033	0	4,593
1995	241	0	645	1,243	839	1,484	0	1,484

Appendix C.17. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Northeast Afognak and Perenosa Sections (statistical areas 25181-25220), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	43	27	43	40	40	56	0	83
1984	379	0	379	299	299	678	0	678
1985	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	938	938
1987	0	0	80	119	39	119	0	119
1988	1,081	1,004	1,219	573	435	650	0	1,654
1990	9	0	36	71	44	80	0	80
1991	0	0	0	0	0	0	1,262	1,262
1992	4,491	4,491	4,491	2,871	2,871	2,871	0	7,362
1993	0	0	0	2,656	2,656	2,656	0	2,656
1994	0	0	0	0	0	0	1,392	1,392
1995	23	0	159	1,950	1,814	1,973	0	1,973

Appendix C.18. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Big River, Hallo Bay, Inner and Outer Kukak Bay and Dakavak Bay Sections (statistical areas 26210-26255), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	306	306	306	2,509	2,509	2,509	0	2,815
1984	210	0	274	1,187	1,123	1,397	0	1,397
1985	3,778	3,540	4,704	3,641	2,715	3,879	0	7,419
1986	3,367	3,121	4,905	5,772	4,234	6,018	0	9,139
1987	5,004	4,776	6,636	5,215	3,583	5,443	0	10,219
1988	207,492	207,492	207,492	0	0	0	0	207,492
1990	47,183	45,440	48,837	5,374	3,720	7,117	0	52,557
1991	11,149	10,899	11,365	455	239	705	0	11,604
1992	118,175	118,175	118,175	0	0	0	0	118,175
1993	60,541	60,541	60,541	0	0	0	0	60,541
1994	33,852	33,852	33,852	0	0	0	0	33,852
1995	0	0	0	30,671	30,671	30,671	0	30,671

Appendix C.19. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Katmai and Alinchak Bay Sections (statistical areas 26260-26270), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	55	55
1985	0	0	0	16	16	16	0	16
1986	2,093	2,093	2,093	0	0	0	0	2,093
1987	0	0	0	0	0	0	15,824	15,824
1988	27,936	27,936	27,936	0	0	0	0	27,936
1990	12,216	12,216	12,216	11,060	11,060	11,060	0	23,276
1991	0	0	0	0	0	0	1,570	1,570
1992	66,979	66,979	66,979	31,072	31,072	31,072	0	98,051
1993	0	0	0	0	0	0	18,291	18,291
1994	26,732	26,732	26,732	11,211	11,211	11,211	0	37,943
1995	0	0	0	0	0	0	13,997	13,997

Appendix C. 20.

Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	3,592	0	20,015	38,764	22,341	42,356	0	42,356
1984	0	0	0	0	0	0	30,091	30,091
1985	0	0	0	0	0	0	23,544	23,544
1986	0	0	0	0	0	0	65,285	65,285
1987	24,790	22,970	27,235	13,756	11,311	15,576	0	38,546
1988	31,464	29,400	33,447	11,731	9,748	13,795	0	43,195
1990	12,417	8,920	25,486	40,320	27,251	43,817	0	52,737
1991	0	0	0	0	0	0	71,215	71,215
1992	32,136	30,757	33,029	17,918	17,025	19,297	0	50,054
1993	66,272	17,797	73,279	49,735	42,728	98,210	0	116,007
1994	7,322	0	14,492	31,426	24,256	38,748	0	38,748
1994	0	0	0	0	0	0	45,540	45,540

Appendix C.21. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	31,530	29,814	36,312	15,516	10,734	17,232	0	47,046
1984	0	0	0	0	0	0	33,295	33,295
1985	0	0	0	0	0	0	25,272	25,272
1986	0	0	0	0	0	0	77,140	77,140
1987	12,984	9,885	15,864	13,405	10,525	16,504	0	26,389
1988	11,932	7,379	16,686	18,688	13,934	23,241	0	30,620
1990	0	0	10,869	44,905	34,036	44,905	0	44,905
1991	0	0	0	0	0	0	63,093	63,093
1992	19,372	17,774	20,273	11,308	10,407	12,906	0	30,680
1993	119,524	119,524	119,524	0	0	0	0	119,524
1994	14,200	3,124	19,872	21,082	15,410	32,158	0	35,282
1995	0	0	0	0	0	0	74,106	74,106

Appendix C.22. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	1,899	28,397	26,498	28,397	0	28,397
1984	0	0	0	0	0	0	48,998	48,998
1985	1,634	560	1,757	11,975	11,852	13,049	0	13,609
1986	0	0	0	0	0	0	50,260	50,260
1987	8,892	8,265	15,242	18,294	11,944	18,921	0	27,186
1988	16,847	7,365	37,077	79,761	59,531	89,243	0	96,608
1990	0	0	10,324	92,834	82,510	92,834	0	92,834
1991	0	0	0	0	0	0	131,006	131,006
1992	34,152	23,683	37,733	36,701	33,120	47,170	0	70,853
1993	0	0	3,664	89,095	85,431	89,095	0	89,095
1994	0	0	21,394	100,111	78,717	100,111	0	100,111
1995	0	0	0	0	0	0	128,255	128,255

Appendix C.23. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Outer Akalura, Outer Upper Station, Dog Salmon Flats and Olga Bay Sections (statistical areas 25730-25740), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	987	0	3,234	16,290	14,043	17,277	0	17,277
1984	0	0	0	0	0	0	21,692	21,692
1985	600	0	1,200	11,474	10,874	12,074	0	12,074
1986	0	0	0	0	0	0	31,675	31,675
1987	3,094	0	5,124	11,585	9,555	14,679	0	14,679
1988	5,674	4,756	7,004	47,978	46,648	48,896	0	53,652
1990	0	0	0	20,676	20,676	20,676	0	20,676
1991	0	0	0	220,227	220,227	220,227	0	220,227
1992	2,534	387	3,375	11,847	11,006	13,994	0	14,381
1993	0	0	0	16,958	16,958	16,958	0	16,958
1994	0	0	0	30,953	30,953	30,953	0	30,953
1995	1,691	0	10,570	41,608	32,729	43,299	0	43,299

Appendix C.24. Using UCI catch, July 5 - August 8, for the non-local average weight estimate, point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Central Section, east, and North Cape Section (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	369	353	447	1,965	1,887	1,981	0	2,334
1984	0	0	0	0	0	0	2,254	2,254
1985	966	140	1,276	1,335	1,025	2,161	0	2,301
1986	0	0	0	0	0	0	6,343	6,343
1987	3,517	3,517	3,517	0	0	0	0	3,517
1988	4,577	2,914	4,833	1,345	1,089	3,008	0	5,922
1990	1,737	920	2,455	2,698	1,980	3,515	0	4,435
1991	0	0	0	0	0	0	5,125	5,125
1992	9,298	8,662	9,359	1,893	1,832	2,529	0	11,191
1993	7,963	6,179	8,065	2,446	2,344	4,230	0	10,409
1994	0	0	0	0	0	0	2,864	2,864
1995	5,059	0	5,419	2,316	1,956	7,375	0	7,375

**APPENDIX D. ESTIMATED AVERAGE WEIGHT OF LOCAL (KODIAK) AND COMBINED UCI AND CHINGIK SOCKEYE SALMON AND CORRESPONDING HARVEST STOCK COMPOSITION ESTIMATES, JULY 6-25, BASED ON AVERAGE WEIGHT DIFFERENCES, BY AREA, GEAR AND YEAR.**

Appendix D.1. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the North West Afognak and Shuyak Island Sections (statistical areas 25130-25170), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	4.58	1.98	69%	7,442	3,277	0	10,719
1984	6.10	4.38	1.72	45%	992	1,212	0	2,204
1985	5.65	4.31	1.34	-24%	0	1,116	0	1,116
1986	5.95	4.64	1.31	123%	113	0	0	113
1987	6.77	5.35	1.42	87%	4,648	696	0	5,344
1988	6.71	5.15	1.57	139%	183,994	0	0	183,994
1990	6.59	5.16	1.43	-43%	0	5,157	0	5,157
1991	5.79	4.78	1.00	58%	4,150	3,053	0	7,203
1992	6.59	4.41	2.18	70%	7,120	3,073	0	10,193
1993	5.95	4.69	1.25	51%	9,204	8,670	0	17,874
1994	5.82	4.51	1.31	-12%	0	4,315	0	4,315
1995	6.13	4.45	1.68	44%	2,957	3,769	0	6,726

Appendix D.2. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Southwest Afognak Section (statistical areas 25110-25120), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.93	0.62	27%	5,198	13,720	0	18,918
1984	6.10	5.65	0.45	Unassessed	0	0	14,047	14,047
1985	5.65	5.19	0.46	Unassessed	0	0	1,740	1,740
1986	5.95	5.57	0.37	Unassessed	0	0	20,680	20,680
1987	6.77	6.57	0.20	Unassessed	0	0	45,869	45,869
1988	6.71	5.87	0.85	157%	86,649	0	0	86,649
1990	6.59	5.41	1.18	8%	1,900	20,791	0	22,691
1991	5.79	5.11	0.68	73%	24,884	9,299	0	34,183
1992	6.59	4.78	1.81	78%	38,817	10,922	0	49,739
1993	5.95	4.64	1.30	74%	54,777	19,190	0	73,967
1994	5.82	4.46	1.36	25%	3,350	10,210	0	13,560
1995	6.13	4.85	1.28	-9%	0	21,386	0	21,386

Appendix D.3. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates based on average weight differences, for the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.52	1.03	52%	21,729	20,383	0	42,112
1984	6.10	5.65	0.45	Unassessed	0	0	21,496	21,496
1985	5.65	5.01	0.64	3%	386	12,947	0	13,333
1986	5.95	5.72	0.23	Unassessed	0	0	59,151	59,151
1987	6.77	5.85	0.92	149%	114,473	0	0	114,473
1988	6.71	5.52	1.20	107%	75,026	0	0	75,026
1990	6.59	5.32	1.27	17%	8,866	43,247	0	52,113
1991	5.79	5.20	0.58	Unassessed	0	0	58,070	58,070
1992	6.59	4.98	1.61	89%	114,346	13,713	0	128,059
1993	5.95	4.82	1.13	78%	115,286	32,690	0	147,976
1994	5.82	4.78	1.04	21%	5,957	22,092	0	28,049
1995	6.13	5.22	0.91	Unassessed	0	0	27,899	27,899

Appendix D.4. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates based on average weight differences, for the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.13	1.42	39%	2,634	4,123	0	6,757
1984	6.10	5.09	1.01	49%	837	881	0	1,718
1985	5.65	5.20	0.45	Unassessed	0	0	10,039	10,039
1986	5.95	5.81	0.14	Unassessed	0	0	22,422	22,422
1987	6.77	5.50	1.27	117%	22,194	0	0	22,194
1988	6.71	5.43	1.29	101%	44,751	0	0	44,751
1990	6.59	5.34	1.25	-7%	0	8,680	0	8,680
1991	5.79	5.07	0.72	33%	5,395	10,757	0	16,152
1992	6.59	4.89	1.69	73%	32,271	12,190	0	44,461
1993	5.95	4.83	1.12	58%	22,259	15,949	0	38,208
1994	5.82	4.60	1.22	5%	447	9,176	0	9,623
1995	6.13	4.97	1.16	7%	2,626	36,999	0	39,625

Appendix D.5. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Inner and Outer Karluk Sections Sections (statistical areas 25510-25520), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	4.51	2.04	NA <sup>a</sup>	0	0	0	0
1984	6.10	5.55	0.55	Unassessed	0	0	18,176	18,176
1985	5.65	4.63	1.02	16%	91	471	0	562
1986	5.95	5.92	0.03	Unassessed	0	0	92,150	92,150
1987	6.77	5.15	1.62	11%	1,439	11,385	0	12,824
1988	6.71	5.38	1.33	76%	5,597	1,773	0	7,370
1990	6.59	5.42	1.17	NA <sup>a</sup>	0	0	0	0
1991	5.79	NA <sup>b</sup>	NA <sup>b</sup>	NA <sup>b</sup>	0	0	0	0
1992	6.59	4.66	1.93	-10%	0	1,110	0	1,110
1993	5.95	4.52	1.43	56%	31,653	25,134	0	56,787
1994	5.82	4.36	1.45	14%	6,469	40,210	0	46,679
1995	6.13	4.73	1.40	29%	11,678	28,863	0	40,541

<sup>a</sup> No sockeye harvested during July 6-25 for that year.

<sup>b</sup> No sockeye harvested for that year.

Appendix D.6. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Sturgeon and Halibut Bay Sections (statistical areas 25625-25640), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	NA <sup>a</sup>	NA <sup>a</sup>	NA <sup>a</sup>	0	0	0	0
1984	6.10	5.66	0.44	Unassessed	0	0	21,889	21,889
1985	5.65	4.53	1.12	52%	429	391	0	820
1986	5.95	6.15	-0.21	Unassessed	0	0	77,894	77,894
1987	6.77	5.87	0.89	11%	1,118	9,369	0	10,487
1988	6.71	4.93	1.78	50%	94,124	93,106	0	187,230
1990	6.59	5.34	1.25	-5%	0	7,740	0	7,740
1991	5.79	5.03	0.75	36%	65,366	116,697	0	182,063
1992	6.59	4.93	1.66	77%	269,492	80,199	0	349,691
1993	5.95	4.89	1.05	381%	11	0	0	11
1994	5.82	5.01	0.80	-10%	0	14,692	0	14,692
1995	6.13	4.91	1.22	9%	11,790	118,580	0	130,370

<sup>a</sup> No sockeye harvested for that year.

Appendix D.7. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Inner and Outer Ayakulik Sections (statistical areas 25610-25620), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.27	1.29	NA <sup>a</sup>	0	0	0	0
1984	6.10	4.44	1.66	33%	64,880	134,662	0	199,542
1985	5.65	4.53	1.12	47%	32,806	37,211	0	70,017
1986	5.95	4.86	1.09	67%	46,978	23,100	0	70,078
1987	6.77	5.04	1.72	NA <sup>a</sup>	0	0	0	0
1988	6.71	4.76	1.96	68%	2,267	1,074	0	3,341
1990	6.59	4.71	1.88	27%	137,203	374,998	0	512,201
1991	5.79	4.87	0.92	27%	84,495	223,271	0	307,766
1992	6.59	4.69	1.90	92%	151,849	13,104	0	164,953
1993	5.95	4.88	1.07	NA <sup>a</sup>	0	0	0	0
1994	5.82	4.82	1.00	-10%	0	19,554	0	19,554
1995	6.13	4.87	1.26	15%	17,766	102,542	0	120,308

<sup>a</sup> No sockeye harvested during July 6-25 for that year.

Appendix D.8. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Cape Alitak Section (statistical areas 25710-25720), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.50	1.05	5%	1,375	26,024	0	27,399
1984	6.10	5.65	0.45	Unassessed	0	0	36,120	36,120
1985	5.65	4.23	1.43	21%	4,347	16,377	0	20,724
1986	5.95	6.06	-0.11	Unassessed	0	0	51,484	51,484
1987	6.77	5.86	0.91	81%	31,298	7,339	0	38,637
1988	6.71	4.68	2.03	45%	46,023	57,294	0	103,317
1990	6.59	5.02	1.57	-10%	0	132,489	0	132,489
1991	5.79	5.05	0.73	-20%	0	290,783	0	290,783
1992	6.59	4.80	1.79	60%	59,064	40,015	0	99,079
1993	5.95	4.88	1.07	15%	19,460	106,095	0	125,555
1994	5.82	4.69	1.12	-1%	0	133,924	0	133,924
1995	6.13	4.92	1.21	22%	41,125	146,390	0	187,515

Appendix D.9. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.44	1.11	15%	1,097	6,137	0	7,234
1984	6.10	5.63	0.48	Unassessed	0	0	1,306	1,306
1985	5.65	4.27	1.38	44%	2,138	2,765	0	4,903
1986	5.95	6.09	-0.14	Unassessed	0	0	38,737	38,737
1987	6.77	5.91	0.86	90%	9,197	1,046	0	10,243
1988	6.71	4.77	1.94	62%	8,853	5,535	0	14,388
1990	6.59	4.56	2.03	47%	2,794	3,145	0	5,939
1991	5.79	5.13	0.66	-11%	0	10,312	0	10,312
1992	6.59	4.62	1.97	107%	10,933	0	0	10,933
1993	5.95	5.44	0.50	Unassessed	0	0	7,234	7,234
1994	5.82	4.66	1.15	10%	2,397	21,887	0	24,284
1995	6.13	5.02	1.11	11%	3,782	29,227	0	33,009

Appendix D.10. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Seven River and Two-Headed Sections (statistical areas 25854-25890), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.17	1.38	-10%	0	2,265	0	2,265
1984	6.10	NA <sup>a</sup>	NA <sup>a</sup>	NA <sup>a</sup>	0	0	2,441	2,441
1985	5.65	4.48	1.17	-36%	0	3,048	0	3,048
1986	5.95	4.75	1.20	-86%	0	220	0	220
1987	6.77	5.73	1.04	34%	706	1,395	0	2,101
1988	6.71	5.22	1.50	-2%	0	1,309	0	1,309
1990	6.59	5.27	1.32	41%	530	757	0	1,287
1991	5.79	4.84	0.95	59%	5,456	3,773	0	9,229
1992	6.59	5.30	1.29	92%	48,101	4,453	0	52,554
1993	5.95	5.27	0.67	-16%	0	58,868	0	58,868
1994	5.82	4.85	0.96	15%	4,201	23,398	0	27,599
1995	6.13	4.78	1.35	58%	24,103	17,167	0	41,270

<sup>a</sup> No sockeye harvested during June or August for that year.

Appendix D.11. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Sitkalidak Section (statistical areas 25810-25853), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	4.77	1.78	44%	1,602	2,006	0	3,608
1984	6.10	6.02	0.08	Unassessed	0	0	1,851	1,851
1985	5.65	4.70	0.95	25%	1,921	5,655	0	7,576
1986	5.95	6.31	-0.37	73%	8,464	3,179	0	11,643
1987	6.77	5.43	1.34	115%	5,759	0	0	5,759
1988	6.71	5.26	1.46	93%	45,597	3,558	0	49,155
1990	6.59	5.19	1.40	88%	48,499	6,353	0	54,852
1991	5.79	5.28	0.51	Unassessed	0	0	174,666	174,666
1992	6.59	5.17	1.42	81%	348,058	81,584	0	429,642
1993	5.95	4.65	1.30	50%	56,539	56,667	0	113,206
1994	5.82	4.82	1.00	35%	12,526	22,912	0	35,438
1995	6.13	5.16	0.97	18%	14,751	69,197	0	83,948

Appendix D.12. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Inner and Outer Ugak Bay Sections (statistical areas 25940-25942), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.67	0.88	-41%	0	4,137	0	4,137
1984	6.10	5.99	0.11	Unassessed	0	0	10,395	10,395
1985	5.65	5.30	0.36	Unassessed	0	0	1,372	1,372
1986	5.95	5.44	0.51	Unassessed	0	0	18,321	18,321
1987	6.77	8.00	-1.23	-243%	0	3,327	0	3,327
1988	6.71	6.15	0.57	Unassessed	0	0	12,147	12,147
1990	6.59	4.89	1.70	38%	4,521	7,354	0	11,875
1991	5.79	4.65	1.14	62%	8,125	4,897	0	13,022
1992	6.59	5.66	0.93	61%	44,401	28,643	0	73,044
1993	5.95	5.11	0.84	42%	26,196	36,833	0	63,029
1994	5.82	4.83	0.99	24%	3,089	10,048	0	13,137
1995	6.13	5.31	0.82	Unassessed	0	0	29,296	29,296

Appendix D.13. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Northeast Kodiak District (statistical areas 25910-25925), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.15	1.40	67%	598	290	0	888
1984	6.10	4.66	1.44	-69%	0	662	0	662
1985	5.65	4.84	0.81	39%	64	100	0	164
1986	5.95	5.10	0.85	-16%	0	125	0	125
1987	6.77	6.07	0.70	-36%	0	60	0	60
1988	6.71	4.92	1.80	86%	226	37	0	263
1990	6.59	5.20	1.39	-28%	0	5	0	5
1991	5.79	5.34	0.44	Unassessed	0	0	13,804	13,804
1992	6.59	6.01	0.58	45%	22,439	27,396	0	49,835
1993	5.95	4.96	0.99	47%	3,095	3,540	0	6,635
1994	5.82	4.59	1.23	39%	1,272	2,029	0	3,301
1995	6.13	5.56	0.57	Unassessed	0	0	195	195

Appendix D.14. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Central Section, east, and North Cape Sections (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.57	0.99	1%	18	1,934	0	1,952
1984	6.10	5.05	1.06	-2%	0	2,585	0	2,585
1985	5.65	5.07	0.59	-28%	0	6,141	0	6,141
1986	5.95	5.27	0.68	96%	11,449	419	0	11,868
1987	6.77	5.55	1.22	96%	8,427	391	0	8,818
1988	6.71	4.89	1.83	84%	14,254	2,666	0	16,920
1990	6.70	4.71	1.88	40%	3,964	6,046	0	10,010
1991	5.84	5.07	0.71	-11%	0	8,115	0	8,115
1992	6.60	4.90	1.69	92%	6,237	568	0	6,805
1993	5.94	4.90	1.05	79%	4,879	1,266	0	6,145
1994	5.82	4.87	0.95	3%	302	11,131	0	11,433
1995	6.13	4.63	1.50	21%	3,265	12,448	0	15,713

Appendix D.15. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Southeast Afognak Sections (statistical areas 25233-25235), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	4.06	2.49	51%	986	967	0	1,953
1984	6.10	4.40	1.71	36%	387	690	0	1,077
1985	5.65	4.36	1.29	52%	1,121	1,024	0	2,145
1986	5.95	4.82	1.12	106%	2,716	0	0	2,716
1987	6.77	4.78	1.99	103%	3,601	0	0	3,601
1988	6.71	4.95	1.76	68%	281	130	0	411
1990	6.59	3.67	2.92	15%	718	4,111	0	4,829
1991	5.79	4.35	1.44	13%	970	6,467	0	7,437
1992	6.59	4.04	2.55	90%	10,491	1,149	0	11,640
1993	5.95	4.56	1.38	66%	5,207	2,720	0	7,927
1994	5.82	3.71	2.10	79%	824	216	0	1,040
1995	6.13	4.27	1.86	28%	443	1,149	0	1,592

Appendix D.16. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Duck, Izhut and Kitoi Bay Sections (statistical areas 25230-25232), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	4.94	1.61	-12%	0	6,201	0	6,201
1984	6.10	4.57	1.53	21%	334	1,253	0	1,587
1985	5.65	4.67	0.98	27%	1,553	4,204	0	5,757
1986	5.95	4.91	1.04	137%	237	0	0	237
1987	6.77	5.81	0.96	66%	4,701	2,391	0	7,092
1988	6.71	4.97	1.75	87%	2,846	442	0	3,288
1990	6.59	4.97	1.62	29%	286	692	0	978
1991	5.79	4.59	1.20	33%	1,156	2,348	0	3,504
1992	6.59	5.06	1.53	34%	5,966	11,823	0	17,789
1993	5.95	5.07	0.88	21%	3,945	14,760	0	18,705
1994	5.82	5.04	0.78	37%	1,720	2,873	0	4,593
1995	6.13	4.61	1.52	11%	167	1,317	0	1,484

Appendix D.17. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Northeast Afognak and Perenosia Sections (statistical areas 25181-25220), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	4.39	2.16	50%	42	41	0	83
1984	6.10	4.58	1.52	50%	340	338	0	678
1985	5.65	4.56	1.09	NA <sup>a</sup>	0	0	0	0
1986	5.95	5.64	0.31	Unassessed	0	0	938	938
1987	6.77	6.13	0.64	-18%	0	119	0	119
1988	6.71	5.39	1.32	62%	1,022	632	0	1,654
1990	6.59	5.18	1.41	10%	8	72	0	80
1991	5.79	5.22	0.57	Unassessed	0	0	1,262	1,262
1992	6.59	5.11	1.48	61%	4,526	2,836	0	7,362
1993	5.95	5.33	0.61	-32%	0	2,656	0	2,656
1994	5.82	5.26	0.56	Unassessed	0	0	1,392	1,392
1995	6.13	4.30	1.83	1%	17	1,956	0	1,973

<sup>a</sup> No sockeye harvested during July 6-25 for that year.

Appendix D.18. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Big River, Inner and Outer Kukak Bay and Dakavak Bay Sections (statistical areas 26210-26255), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	4.05	2.51	11%	297	2,518	0	2,815
1984	6.10	3.72	2.38	14%	196	1,201	0	1,397
1985	5.65	4.56	1.09	51%	3,796	3,623	0	7,419
1986	5.95	4.47	1.48	32%	2,965	6,174	0	9,139
1987	6.77	5.30	1.47	48%	4,901	5,318	0	10,219
1988	6.71	4.50	2.22	115%	207,492	0	0	207,492
1990	6.59	4.60	1.99	83%	43,610	8,947	0	52,557
1991	5.79	4.53	1.26	85%	9,910	1,694	0	11,604
1992	6.59	6.08	0.51	109%	118,175	0	0	118,175
1993	5.95	5.33	0.62	124%	60,541	0	0	60,541
1994	5.82	5.02	0.80	93%	31,421	2,431	0	33,852
1995	6.13	4.88	1.25	-4%	0	30,671	0	30,671

Appendix D.19. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding seine harvest stock composition estimates, July 6-25, based on average weight differences, for the Katmai and Alinchak Bay Sections (statistical areas 26260-26270), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	6.25	0.30	NA <sup>a</sup>	0	0	0	0
1984	6.10	6.04	0.07	Unassessed	0	0	55	55
1985	5.65	4.83	0.83	-93%	0	16	0	16
1986	5.95	4.53	1.42	129%	2,093	0	0	2,093
1987	6.77	6.32	0.45	Unassessed	0	0	15,824	15,824
1988	6.71	5.52	1.19	117%	27,936	0	0	27,936
1990	6.59	5.37	1.22	46%	10,706	12,570	0	23,276
1991	5.79	5.61	0.17	Unassessed	0	0	1,570	1,570
1992	6.59	5.51	1.08	69%	67,671	30,380	0	98,051
1993	5.95	5.49	0.45	Unassessed	0	0	18,291	18,291
1994	5.82	5.00	0.82	60%	22,627	15,316	0	37,943
1995	6.13	5.48	0.65	Unassessed	0	0	13,997	13,997

<sup>a</sup> No sockeye harvested during July 6-25 for that year.

Appendix D.20. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight differences, for the Central, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.84	0.71	8%	3,205	39,151	0	42,356
1984	6.10	5.74	0.36	Unassessed	0	0	30,091	30,091
1985	5.65	5.45	0.20	Unassessed	0	0	23,544	23,544
1986	5.95	5.88	0.07	Unassessed	0	0	65,285	65,285
1987	6.77	5.97	0.79	62%	23,848	14,698	0	38,546
1988	6.71	5.78	0.94	67%	29,049	14,146	0	43,195
1990	6.59	5.62	0.96	20%	10,475	42,262	0	52,737
1991	5.79	5.31	0.47	Unassessed	0	0	71,215	71,215
1992	6.59	5.14	1.45	65%	32,384	17,670	0	50,054
1993	5.95	5.02	0.92	53%	62,049	53,958	0	116,007
1994	5.82	5.18	0.64	15%	5,877	32,871	0	38,748
1995	6.13	5.47	0.66	Unassessed	0	0	45,540	45,540

Appendix D.21. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight differences, for the Central, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.64	0.91	61%	28,899	18,147	0	47,046
1984	6.10	5.69	0.42	Unassessed	0	0	33,295	33,295
1985	5.65	5.41	0.24	Unassessed	0	0	25,272	25,272
1986	5.95	5.93	0.02	Unassessed	0	0	77,140	77,140
1987	6.77	5.88	0.88	48%	12,540	13,849	0	26,389
1988	6.71	5.70	1.01	36%	11,083	19,537	0	30,620
1990	6.59	5.60	0.98	-4%	0	44,905	0	44,905
1991	5.79	5.32	0.46	Unassessed	0	0	63,093	63,093
1992	6.59	5.06	1.53	64%	19,514	11,166	0	30,680
1993	5.95	5.00	0.95	102%	119,524	0	0	119,524
1994	5.82	5.13	0.69	33%	11,623	23,659	0	35,282
1995	6.13	5.39	0.74	Unassessed	0	0	74,106	74,106

Appendix D.22. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight differences, for the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.69	0.86	-18%	0	28,397	0	28,397
1984	6.10	5.81	0.29	Unassessed	0	0	48,998	48,998
1985	5.65	4.60	1.05	12%	1,642	11,967	0	13,609
1986	5.95	6.10	-0.15	Unassessed	0	0	50,260	50,260
1987	6.77	5.98	0.79	31%	8,553	18,633	0	27,186
1988	6.71	5.25	1.47	17%	16,019	80,589	0	96,608
1990	6.59	5.24	1.35	-21%	0	92,834	0	92,834
1991	5.79	5.23	0.56	Unassessed	0	0	131,006	131,006
1992	6.59	4.97	1.62	49%	34,388	36,465	0	70,853
1993	5.95	4.96	0.99	-6%	0	89,095	0	89,095
1994	5.82	5.07	0.74	-9%	0	100,111	0	100,111
1995	6.13	5.17	0.96	Unassessed	0	0	128,255	128,255

Appendix D.23. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight differences, for the Outer Akalura, Outer Upper Station, Dog Salmon Flats and Olga Bay Sections (statistical areas 25730-25740), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion (%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.37	1.18	5%	923	16,354	0	17,277
1984	6.10	5.67	0.43	Unassessed	0	0	21,692	21,692
1985	5.65	4.53	1.12	5%	603	11,471	0	12,074
1986	5.95	5.84	0.11	Unassessed	0	0	31,675	31,675
1987	6.77	5.69	1.08	20%	3,008	11,671	0	14,679
1988	6.71	4.90	1.82	10%	5,449	48,203	0	53,652
1990	6.59	4.91	1.68	-33%	0	20,676	0	20,676
1991	5.79	5.12	0.66	-88%	0	220,227	0	220,227
1992	6.59	4.90	1.69	18%	2,551	11,830	0	14,381
1993	5.95	4.84	1.11	-21%	0	16,958	0	16,958
1994	5.82	4.98	0.84	-32%	0	30,953	0	30,953
1995	6.13	5.08	1.05	2%	940	42,359	0	43,299

Appendix D.24. Estimated average weight of local (Kodiak) and combined UCI and Chignik sockeye salmon and corresponding set gillnet harvest stock composition estimates, July 6-25, based on average weight differences, for the Central Section, and North Cape (25936-25939), 1983-1995, except 1989.

Year	Estimated Average Weight (pounds)			Estimated Non-local Catch Proportion(%)	Estimated Stock Composition (Number of Fish)			Total Catch
	Chignik and UCI	Local	Difference		Non-local	Local	Unassessed	
1983	6.55	5.34	1.21	15%	346	1,988	0	2,334
1984	6.10	5.75	0.35	Unassessed	0	0	2,254	2,254
1985	5.65	5.13	0.52	42%	975	1,326	0	2,301
1986	5.95	5.57	0.38	Unassessed	0	0	6,343	6,343
1987	6.77	5.81	0.96	100%	3,517	0	0	3,517
1988	6.71	5.35	1.36	73%	4,335	1,587	0	5,922
1990	6.59	5.07	1.52	35%	1,564	2,871	0	4,435
1991	5.79	5.33	0.46	Unassessed	0	0	5,125	5,125
1992	6.59	5.04	1.55	84%	9,366	1,825	0	11,191
1993	5.95	5.06	0.89	71%	7,434	2,975	0	10,409
1994	5.82	5.30	0.51	Unassessed	0	0	2,864	2,864
1995	6.13	5.04	1.09	39%	2,908	4,467	0	7,375

**APPENDIX E. USING A WEIGHTED AVERAGE OF THE CHIGNIK AND UCI HARVEST FOR THE NON-LOCAL AVERAGE WEIGHT ESTIMATE; POINT, RELATIVE MINIMUM AND MAXIMUM ESTIMATES OF NON-LOCAL AND LOCAL SOCKEYE SALMON, AND UNASSESSED AND TOTAL SOCKEYE HARVEST IN NUMBER OF FISH IN THE FISHERY, JULY 6-25, WITHIN THE KMA.**

Appendix E.1. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Northwest Afognak and Shuyak Island Sections (statistical areas 25130-25170), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	7,442	7,430	7,788	3,277	2,931	3,289	0	10,719
1984	992	991	1,466	1,212	738	1,213	0	2,204
1985	0	0	0	1,116	1,116	1,116	0	1,116
1986	113	113	113	0	0	0	0	113
1987	4,648	4,575	4,769	696	575	769	0	5,344
1988	183,994	183,994	183,994	0	0	0	0	183,994
1990	0	0	1,075	5,157	4,082	5,157	0	5,157
1991	4,150	4,102	5,634	3,053	1,569	3,101	0	7,203
1992	7,120	5,724	7,547	3,073	2,646	4,469	0	10,193
1993	9,204	0	10,083	8,670	7,791	17,874	0	17,874
1994	0	0	65	4,315	4,250	4,315	0	4,315
1995	2,957	0	3,076	3,769	3,650	6,726	0	6,726

Appendix E.2. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Southwest Afognak Section (statistical areas 25110-25120), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	5,198	5,198	5,198	13,720	13,720	13,720	0	18,918
1984	0	0	0	0	0	0	14,047	14,047
1985	0	0	0	0	0	0	1,740	1,740
1986	0	0	0	0	0	0	20,680	20,680
1987	0	0	0	0	0	0	45,869	45,869
1988	86,649	86,649	86,649	0	0	0	0	86,649
1990	1,900	780	12,083	20,791	10,608	21,911	0	22,691
1991	24,884	22,149	28,765	9,299	5,418	12,034	0	34,183
1992	38,817	36,677	40,897	10,922	8,842	13,062	0	49,739
1993	54,777	33,029	55,771	19,190	18,196	40,938	0	73,967
1994	3,350	0	4,492	10,210	9,068	13,560	0	13,560
1995	0	0	730	21,386	20,656	21,386	0	21,386

Appendix E.3. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	21,729	21,009	22,703	20,383	19,409	21,103	0	42,112
1984	0	0	0	0	0	0	21,496	21,496
1985	386	0	2,425	12,947	10,908	13,333	0	13,333
1986	0	0	0	0	0	0	59,151	59,151
1987	114,473	114,473	114,473	0	0	0	0	114,473
1988	75,026	75,026	75,026	0	0	0	0	75,026
1990	8,866	6,661	17,781	43,247	34,332	45,452	0	52,113
1991	0	0	0	0	0	0	58,070	58,070
1992	114,346	111,848	116,332	13,713	11,727	16,211	0	128,059
1993	115,286	93,702	121,906	32,690	26,070	54,274	0	147,976
1994	5,957	0	13,295	22,092	14,754	28,049	0	28,049
1995	0	0	0	0	0	0	27,899	27,899

Appendix E.4. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	2,634	2,180	3,445	4,123	3,312	4,577	0	6,757
1984	837	296	1,025	881	693	1,422	0	1,718
1985	0	0	0	0	0	0	10,039	10,039
1986	0	0	0	0	0	0	22,422	22,422
1987	22,194	22,194	22,194	0	0	0	0	22,194
1988	44,751	44,751	44,751	0	0	0	0	44,751
1990	0	0	3,324	8,680	5,356	8,680	0	8,680
1991	5,395	5,038	8,997	10,757	7,155	11,114	0	16,152
1992	32,271	31,163	34,880	12,190	9,581	13,298	0	44,461
1993	22,259	7,825	25,983	15,949	12,225	30,383	0	38,208
1994	447	0	3,161	9,176	6,462	9,623	0	9,623
1995	2,626	904	10,699	36,999	28,926	38,721	0	39,625

Appendix E.5. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Inner and Outer Karluk Sections (statistical areas 25510-25520), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	18,176	18,176
1985	91	0	110	471	452	562	0	562
1986	0	0	0	0	0	0	92,150	92,150
1987	1,439	0	1,502	11,385	11,322	12,824	0	12,824
1988	5,597	5,012	6,030	1,773	1,340	2,358	0	7,370
1990	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0
1992	0	0	0	1,110	1,110	1,110	0	1,110
1993	31,653	31,653	31,653	25,134	25,134	25,134	0	56,787
1994	6,469	0	6,655	40,210	40,024	46,679	0	46,679
1995	11,678	0	11,685	28,863	28,856	40,541	0	40,541

Appendix E.6. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Sturgeon and Halibut Bay Sections (statistical areas 25625-25640), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	21,889	21,889
1985	429	429	429	391	391	391	0	820
1986	0	0	0	0	0	0	77,894	77,894
1987	1,118	557	4,844	9,369	5,643	9,930	0	10,487
1988	94,124	70,093	102,959	93,106	84,271	117,137	0	187,230
1990	0	0	2,231	7,740	5,509	7,740	0	7,740
1991	65,366	19,883	88,669	116,697	93,394	162,180	0	182,063
1992	269,492	255,365	276,975	80,199	72,716	94,326	0	349,691
1993	11	11	11	0	0	0	0	11
1994	0	0	0	14,692	14,692	14,692	0	14,692
1995	11,790	0	18,195	118,580	112,175	130,370	0	130,370

Appendix E.7. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Inner and Outer Ayakulik Sections (statistical areas 25610-25620), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	0	0	0	0	0
1984	64,880	0	72,950	134,662	126,592	199,542	0	199,542
1985	32,806	23,398	34,002	37,211	36,015	46,619	0	70,017
1986	46,978	0	48,619	23,100	21,459	70,078	0	70,078
1987	0	0	0	0	0	0	0	0
1988	2,267	2,109	2,268	1,074	1,073	1,232	0	3,341
1990	137,203	0	141,972	374,998	370,229	512,201	0	512,201
1991	84,495	0	101,302	223,271	206,464	307,766	0	307,766
1992	151,849	149,588	151,885	13,104	13,068	15,365	0	164,953
1993	0	0	0	0	0	0	0	0
1994	0	0	0	19,554	19,554	19,554	0	19,554
1995	17,766	5,747	20,733	102,542	99,575	114,561	0	120,308

Appendix E.8. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Cape Alitak Section (statistical areas 25710-25720), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	1,375	600	5,500	26,024	21,899	26,799	0	27,399
1984	0	0	0	0	0	0	36,120	36,120
1985	4,347	183	4,691	16,377	16,033	20,541	0	20,724
1986	0	0	0	0	0	0	51,484	51,484
1987	31,298	30,841	33,907	7,339	4,730	7,796	0	38,637
1988	46,023	46,013	46,082	57,294	57,235	57,304	0	103,317
1990	0	0	18,185	132,489	114,304	132,489	0	132,489
1991	0	0	36,159	290,783	254,624	290,783	0	290,783
1992	59,064	51,711	60,849	40,015	38,230	47,368	0	99,079
1993	19,460	0	26,747	106,095	98,808	125,555	0	125,555
1994	0	0	10,514	133,924	123,410	133,924	0	133,924
1995	41,125	0	44,730	146,390	142,785	187,515	0	187,515

Appendix E.9. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	1,097	920	1,104	6,137	6,130	6,314	0	7,234
1984	0	0	0	0	0	0	1,306	1,306
1985	2,138	1,447	2,158	2,765	2,745	3,456	0	4,903
1986	0	0	0	0	0	0	38,737	38,737
1987	9,197	9,197	9,276	1,046	967	1,046	0	10,243
1988	8,853	8,020	9,980	5,535	4,408	6,368	0	14,388
1990	2,794	2,794	2,794	3,145	3,145	3,145	0	5,939
1991	0	0	3,071	10,312	7,241	10,312	0	10,312
1992	10,933	10,933	10,933	0	0	0	0	10,933
1993	0	0	0	0	0	0	7,234	7,234
1994	2,397	0	6,130	21,887	18,154	24,284	0	24,284
1995	3,782	1,300	7,011	29,227	25,998	31,709	0	33,009

Appendix E.10. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Seven River and Two-Headed Sections (statistical areas 25854-25890), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	2,265	2,265	2,265	0	2,265
1984	0	0	0	0	0	0	2,441	2,441
1985	0	0	0	3,048	3,048	3,048	0	3,048
1986	0	0	0	220	220	220	0	220
1987	706	706	706	1,395	1,395	1,395	0	2,101
1988	0	0	0	1,309	1,309	1,309	0	1,309
1990	530	375	772	757	515	912	0	1,287
1991	5,456	5,456	5,456	3,773	3,773	3,773	0	9,229
1992	48,101	47,668	48,776	4,453	3,778	4,886	0	52,554
1993	0	0	0	58,868	58,868	58,868	0	58,868
1994	4,201	0	4,335	23,398	23,264	27,599	0	27,599
1995	24,103	5,139	24,485	17,167	16,785	36,131	0	41,270

Appendix E.11. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Sitkalidak Section (statistical areas 25810-25853), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	1,602	1,602	1,602	2,006	2,006	2,006	0	3,608
1984	0	0	0	0	0	0	1,851	1,851
1985	1,921	0	3,026	5,655	4,550	7,576	0	7,576
1986	0	0	0	11,643	11,643	11,643	0	11,643
1987	5,759	0	5,759	0	0	5,759	0	5,759
1988	45,597	44,852	45,684	3,558	3,471	4,303	0	49,155
1990	48,499	47,082	50,101	6,353	4,751	7,770	0	54,852
1991	0	0	0	0	0	0	174,666	174,666
1992	348,058	345,024	352,389	81,584	77,253	84,618	0	429,642
1993	56,539	34,584	72,524	56,667	40,682	78,622	0	113,206
1994	12,526	6,238	13,859	22,912	21,579	29,200	0	35,438
1995	14,751	2,520	24,741	69,197	59,207	81,428	0	83,948

Appendix E.12. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Inner and Outer Ugak Bay Sections (statistical areas 25940-25942), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	4,137	4,137	4,137	0	4,137
1984	0	0	0	0	0	0	10,395	10,395
1985	0	0	0	0	0	0	1,372	1,372
1986	0	0	0	0	0	0	18,321	18,321
1987	0	0	0	3,327	3,327	3,327	0	3,327
1988	0	0	0	0	0	0	12,147	12,147
1990	4,521	382	5,507	7,354	6,368	11,493	0	11,875
1991	8,125	8,125	8,125	4,897	4,897	4,897	0	13,022
1992	44,401	38,054	56,019	28,643	17,025	34,990	0	73,044
1993	26,196	12,079	27,119	36,833	35,910	50,950	0	63,029
1994	3,089	2,805	3,344	10,048	9,793	10,332	0	13,137
1995	0	0	0	0	0	0	29,296	29,296

Appendix E.13. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Northeast Kodiak District (statistical areas 25910-25925), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	598	598	598	290	290	290	0	888
1984	0	0	0	662	662	662	0	662
1985	64	64	64	100	100	100	0	164
1986	0	0	0	125	125	125	0	125
1987	0	0	0	60	60	60	0	60
1988	226	226	226	37	37	37	0	263
1990	0	0	0	5	5	5	0	5
1991	0	0	0	0	0	0	13,804	13,804
1992	22,439	22,439	22,439	27,396	27,396	27,396	0	49,835
1993	3,095	3,095	3,095	3,540	3,540	3,540	0	6,635
1994	1,272	0	1,408	2,029	1,893	3,301	0	3,301
1995	0	0	0	0	0	0	195	195

Appendix E.14. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Central Section, east, and North Cape Section (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	18	0	848	1,934	1,104	1,952	0	1,952
1984	0	0	0	2,585	2,585	2,585	0	2,585
1985	0	0	1,381	6,141	4,760	6,141	0	6,141
1986	11,449	11,251	11,609	419	259	617	0	11,868
1987	8,427	8,363	8,445	391	373	455	0	8,818
1988	14,254	12,753	14,447	2,666	2,473	4,167	0	16,920
1990	3,964	1,689	4,492	6,046	5,518	8,321	0	10,010
1991	0	0	898	8,115	7,217	8,115	0	8,115
1992	6,237	5,659	6,252	568	553	1,146	0	6,805
1993	4,879	1,492	4,891	1,266	1,254	4,653	0	6,145
1994	302	0	1,399	11,131	10,034	11,433	0	11,433
1995	3,265	0	4,370	12,448	11,343	15,713	0	15,713

Appendix E.15. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Southeast Afognak Section (statistical areas 25233-25235), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	986	795	989	967	964	1,158	0	1,953
1984	387	183	391	690	686	894	0	1,077
1985	1,121	0	1,499	1,024	646	2,145	0	2,145
1986	2,716	2,716	2,716	0	0	0	0	2,716
1987	3,601	3,601	3,601	0	0	0	0	3,601
1988	281	266	288	130	123	145	0	411
1990	718	0	762	4,111	4,067	4,829	0	4,829
1991	970	0	973	6,467	6,464	7,437	0	7,437
1992	10,491	9,717	10,603	1,149	1,037	1,923	0	11,640
1993	5,207	4,366	5,356	2,720	2,571	3,561	0	7,927
1994	824	298	827	216	213	742	0	1,040
1995	443	0	450	1,149	1,142	1,592	0	1,592

Appendix E.16. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Duck, Izhut and Kitoi Bay Sections (statistical areas 25230-25232), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	6,201	6,201	6,201	0	6,201
1984	334	130	375	1,253	1,212	1,457	0	1,587
1985	1,553	1,444	2,682	4,204	3,075	4,313	0	5,757
1986	237	237	237	0	0	0	0	237
1987	4,701	4,701	4,701	2,391	2,391	2,391	0	7,092
1988	2,846	2,846	2,846	442	442	442	0	3,288
1990	286	286	286	692	692	692	0	978
1991	1,156	1,107	1,217	2,348	2,287	2,397	0	3,504
1992	5,966	5,914	6,126	11,823	11,663	11,875	0	17,789
1993	3,945	227	4,077	14,760	14,628	18,478	0	18,705
1994	1,720	1,269	2,951	2,873	1,642	3,324	0	4,593
1995	167	0	497	1,317	987	1,484	0	1,484

Appendix E.17. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Northeast Afognak and Perenosa Sections (statistical areas 25181-25220), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	42	26	42	41	41	57	0	83
1984	340	0	341	338	337	678	0	678
1985	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	938	938
1987	0	0	79	119	40	119	0	119
1988	1,022	942	1,168	632	486	712	0	1,654
1990	8	0	33	72	47	80	0	80
1991	0	0	0	0	0	0	1,262	1,262
1992	4,526	4,526	4,526	2,836	2,836	2,836	0	7,362
1993	0	0	0	2,656	2,656	2,656	0	2,656
1994	0	0	0	0	0	0	1,392	1,392
1995	17	0	121	1,956	1,852	1,973	0	1,973

Appendix E.18. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Big River, Hallo Bay, Inner and Outer Kukak Bay and Dakavak Bay Sections (statistical areas 26210-26255), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	297	297	297	2,518	2,518	2,518	0	2,815
1984	196	0	257	1,201	1,140	1,397	0	1,397
1985	3,796	3,558	4,721	3,623	2,698	3,861	0	7,419
1986	2,965	2,735	4,461	6,174	4,678	6,404	0	9,139
1987	4,901	4,674	6,542	5,318	3,677	5,545	0	10,219
1988	207,492	207,492	207,492	0	0	0	0	207,492
1990	43,610	40,992	46,216	8,947	6,341	11,565	0	52,557
1991	9,910	9,130	10,665	1,694	939	2,474	0	11,604
1992	118,175	118,175	118,175	0	0	0	0	118,175
1993	60,541	60,541	60,541	0	0	0	0	60,541
1994	31,421	31,421	31,421	2,431	2,431	2,431	0	33,852
1995	0	0	0	30,671	30,671	30,671	0	30,671

Appendix E.19. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the seine fishery, July 6-25, within the Katmai and Alinchak Bay Sections (statistical areas 26260-26270), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	55	55
1985	0	0	0	16	16	16	0	16
1986	2,093	2,093	2,093	0	0	0	0	2,093
1987	0	0	0	0	0	0	15,824	15,824
1988	27,936	27,936	27,936	0	0	0	0	27,936
1990	10,706	10,706	10,706	12,570	12,570	12,570	0	23,276
1991	0	0	0	0	0	0	1,570	1,570
1992	67,671	67,671	67,671	30,380	30,380	30,380	0	98,051
1993	0	0	0	0	0	0	18,291	18,291
1994	22,627	22,627	22,627	15,316	15,316	15,316	0	37,943
1995	0	0	0	0	0	0	13,997	13,997

Appendix E.20. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Central Section, north (statistical areas 25311-25335), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	3,205	0	18,716	39,151	23,640	42,356	0	42,356
1984	0	0	0	0	0	0	30,091	30,091
1985	0	0	0	0	0	0	23,544	23,544
1986	0	0	0	0	0	0	65,285	65,285
1987	23,848	21,986	26,378	14,698	12,168	16,560	0	38,546
1988	29,049	26,781	31,285	14,146	11,910	16,414	0	43,195
1990	10,475	7,425	22,649	42,262	30,088	45,312	0	52,737
1991	0	0	0	0	0	0	71,215	71,215
1992	32,384	31,013	33,271	17,670	16,783	19,041	0	50,054
1993	62,049	15,688	69,232	53,958	46,775	100,319	0	116,007
1994	5,877	0	12,180	32,871	26,568	38,748	0	38,748
1995	0	0	0	0	0	0	45,540	45,540

Appendix E.21. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Central Section, south (statistical areas 25410-25440), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	28,899	27,077	34,161	18,147	12,885	19,969	0	47,046
1984	0	0	0	0	0	0	33,295	33,295
1985	0	0	0	0	0	0	25,272	25,272
1986	0	0	0	0	0	0	77,140	77,140
1987	12,540	9,473	15,436	13,849	10,953	16,916	0	26,389
1988	11,083	6,737	15,785	19,537	14,835	23,883	0	30,620
1990	0	0	9,616	44,905	35,289	44,905	0	44,905
1991	0	0	0	0	0	0	63,093	63,093
1992	19,514	17,923	20,410	11,166	10,270	12,757	0	30,680
1993	119,524	119,524	119,524	0	0	0	0	119,524
1994	11,623	2,334	17,100	23,659	18,182	32,948	0	35,282
1995	0	0	0	0	0	0	74,106	74,106

Appendix E.22. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Moser Bay and Humpy-Deadman Sections (statistical areas 25741-25770), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	0	0	1,765	28,397	26,632	28,397	0	28,397
1984	0	0	0	0	0	0	48,998	48,998
1985	1,642	563	1,765	11,967	11,844	13,046	0	13,609
1986	0	0	0	0	0	0	50,260	50,260
1987	8,553	7,939	14,857	18,633	12,329	19,247	0	27,186
1988	16,019	6,963	35,700	80,589	60,908	89,645	0	96,608
1990	0	0	9,465	92,834	83,369	92,834	0	92,834
1991	0	0	0	0	0	0	131,006	131,006
1992	34,388	23,894	37,969	36,465	32,884	46,959	0	70,853
1993	0	0	3,466	89,095	85,629	89,095	0	89,095
1994	0	0	18,707	100,111	81,404	100,111	0	100,111
1995	0	0	0	0	0	0	128,255	128,255

Appendix E.23. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Outer Akalura, Outer Upper Station, Dog Salmon Flats and Olga Bay Sections (statistical areas 25730-25740), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	923	0	3,053	16,354	14,224	17,277	0	17,277
1984	0	0	0	0	0	0	21,692	21,692
1985	603	0	1,205	11,471	10,869	12,074	0	12,074
1986	0	0	0	0	0	0	31,675	31,675
1987	3,008	0	5,005	11,671	9,674	14,679	0	14,679
1988	5,449	4,564	6,734	48,203	46,918	49,088	0	53,652
1990	0	0	0	20,676	20,676	20,676	0	20,676
1991	0	0	0	220,227	220,227	220,227	0	220,227
1992	2,551	390	3,396	11,830	10,985	13,991	0	14,381
1993	0	0	0	16,958	16,958	16,958	0	16,958
1994	0	0	0	30,953	30,953	30,953	0	30,953
1995	940	0	6,489	42,359	36,810	43,299	0	43,299

Appendix E.24. Using a weighted average of the Chignik and UCI harvest, July 5- August 8, for the non-local average weight estimate; point, relative minimum and maximum estimates of non-local and local sockeye salmon, and unassessed and total sockeye harvest in number of fish in the set gillnet fishery, July 6-25, within the Central Section, east, and North Cape Section (statistical areas 25936-25939), 1983-1995, except 1989.

Year	Non-local			Local (Kodiak)			Unassessed	Total Catch
	Point	Relative Minimum	Relative Maximum	Point	Relative Minimum	Relative Maximum		
1983	346	331	420	1,988	1,914	2,003	0	2,334
1984	0	0	0	0	0	0	2,254	2,254
1985	975	142	1,286	1,326	1,015	2,159	0	2,301
1986	0	0	0	0	0	0	6,343	6,343
1987	3,517	3,517	3,517	0	0	0	0	3,517
1988	4,335	2,590	4,623	1,587	1,299	3,332	0	5,922
1990	1,564	804	2,271	2,871	2,164	3,631	0	4,435
1991	0	0	0	0	0	0	5,125	5,125
1992	9,366	8,746	9,424	1,825	1,767	2,445	0	11,191
1993	7,434	5,503	7,550	2,975	2,859	4,906	0	10,409
1994	0	0	0	0	0	0	2,864	2,864
1995	2,908	0	3,335	4,467	4,040	7,375	0	7,375

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