

4K 96-36

ALASKA PENINSULA MANAGEMENT AREA
SALMON ESCAPEMENT AND CATCH SAMPLING RESULTS, 1995

By

Patricia A. Nelson
and
Robert L. Murphy

Regional Information Report¹ No. 4K96-36

Alaska Department of Fish and Game
Commercial Fisheries Management and Development Division
211 Mission Road
Kodiak, Alaska 99615

June 1996

¹The Regional Information Report Series was established in 1987 to provide an information access system for all unpublished division reports. These reports frequently serve diverse ad hoc informational purposes or archive basic uninterpreted data. To accommodate timely reporting of recently collected information, reports in this series undergo only limited internal review and may contain preliminary data; this information may be subsequently finalized and published in the formal literature. Consequently, these reports should not be cited without prior approval of the author or the Division of Commercial Fisheries.

AUTHORS

Patricia A. Nelson is a Region IV Salmon Research Biologist for the Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, 211 Mission Road, Kodiak, AK 99615.

Robert L. Murphy is the Alaska Peninsula Salmon Research Biologist and the North Alaska Peninsula Herendeen Bay to Stroganof Point Salmon Management Biologist for Region IV, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, 211 Mission Road, Kodiak, AK 99615.

ACKNOWLEDGMENTS

Special thanks to Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division employees Tracy McKinion, Meesha Mangiaracina, Bob Sanderlin, and Andrew deValpine for their efforts in collecting catch sample data from Port Moller and King Cove. Tim Clark, Judy Brandt, Duane Kracke, Mark Witteveen, Alex Rice, Eric Gill, Dan Connolly, Steve Krueger, Matt Ford, Justin Freeman, Brian Westgate, Rick Gustin, Travis Doubt, and Mark Wallace collected escapement data on the Alaska Peninsula.

TABLE OF CONTENTS

	<u>Page</u>
LIST OF TABLES	i
LIST OF FIGURES	vii
LIST OF APPENDICES.....	viii
INTRODUCTION	1
METHODS	1
Escapement and Catch Estimates.....	1
Escapement and Catch Sampling.....	2
RESULTS	3
LITERATURE CITED.....	4
TABLES	6
FIGURES	94
APPENDIX	103

LIST OF TABLES

<u>Table</u>	<u>Page</u>
1. Sampling weeks and corresponding calendar dates for 1995	6
2. Chinook salmon catch sampling schedule for the Alaska Peninsula Management Area, 1995	7
3. Sockeye salmon catch sampling schedule for the Alaska Peninsula Management Area, 1995	8
4. Coho salmon catch sampling schedule for the Alaska Peninsula Management Area, 1995	9
5. Chum salmon catch sampling schedule for the Alaska Peninsula Management Area, 1995	10
6. Daily and cumulative sockeye escapement by system, Alaska Peninsula Management Area, 1995	11
7. Estimated age composition of sockeye escapements by system, Alaska Peninsula Management Area, 1995.	14
8. Estimated age composition of Orzinski Lake sockeye escapement by week, 1995.....	15
9. Length composition of Orzinski Lake sockeye escapement samples by age and sex, weeks 28 and 30, 1995	16
10. Estimated sex composition of Orzinski Lake sockeye escapement by week, 1995.....	17
11. Estimated age composition of Thin Point Cove sockeye escapement by week, 1995.....	18
12. Length composition of Thin Point Cove sockeye escapement samples by age and sex, weeks 33 and 34, 1995	19
13. Estimated sex composition of Thin Point Cove sockeye escapement by week, 1995.....	20
14. Estimated age composition of Middle Lagoon sockeye escapement by week, 1995.....	21

LIST OF TABLES (Cont.)

<u>Table</u>	<u>Page</u>
15. Length composition of Middle Lagoon sockeye escapement samples by age and sex, week 30, 1995.....	22
16. Estimated sex composition of Middle Lagoon sockeye escapement by week, 1995.....	23
17. Estimated age composition of Nelson River sockeye escapement by week, 1995.....	24
18. Length composition of Nelson River sockeye escapement samples by age and sex, weeks 25 through 30, 1995	25
19. Estimated sex composition of Nelson River sockeye escapement by week, 1995.....	26
20. Estimated age composition of Bear River sockeye escapement by week, 1995.....	27
21. Length composition of Bear River sockeye escapement samples by age and sex, weeks 26 through 34, 1995	29
22. Estimated sex composition of Bear River sockeye escapement by week, 1995.....	30
23. Estimated age composition of Sandy River sockeye escapement by week, 1995.....	31
24. Length composition of Sandy River sockeye escapement samples by age and sex, weeks 26 through 30, 1995	32
25. Estimated sex composition of Sandy River sockeye escapement by week, 1995.....	33
26. Estimated age composition of Ilnik Lagoon sockeye escapement by week, 1995.....	34
27. Length composition of Ilnik Lagoon sockeye escapement samples by age and sex, weeks 25 through 28, 1995	35
28. Estimated sex composition of Ilnik Lagoon sockeye escapement by week, 1995	36

LIST OF TABLES (Cont.)

<u>Table</u>	<u>Page</u>
29. Age composition of Bear Lake sockeye smolt samples by week, 1995	37
30. Mean length, weight, and condition factor of Bear Lake sockeye smolt samples by age and week, 1995	38
31. Age composition of Orzinski Lake sockeye smolt samples by week, 1995	39
32. Mean length, weight, and condition factor of Orzinski Lake sockeye smolt samples by age and week, 1995	40
33. Age composition of Sandy Lake sockeye smolt samples by week, 1995	41
34. Mean length, weight, and condition factor of Sandy Lake sockeye smolt samples by age and week, 1995	42
35. Salmon harvest in numbers of fish by statistical area, section, and district, Alaska Peninsula and Aleutian Islands Management Areas, 1995	43
36. Estimated age composition of selected chinook catches by area, Alaska Peninsula Management Area, 1995	46
37. Estimated age composition of chinook catches from Nelson Lagoon by week, 1995	47
38. Estimated age composition of chinook catches from Harbor Point to Cape Seniavin, week 24, 1995	48
39. Estimated age composition of sockeye catches by area, Alaska Peninsula Management Area, 1995	49
40. Estimated age composition of sockeye catches from Southeastern District Mainland, weeks 31 through 33, 1995	51
41. Estimated age composition of sockeye catches from Orzinski Bay by week, 1995	52
42. Estimated age composition of sockeye catches from Shumagin Islands Section by week, June, 1995	53

LIST OF TABLES (Cont.)

<u>Table</u>	<u>Page</u>
43. Estimated age composition of sockeye catches from Shumagin Islands Section by week, post June (through August), 1995	54
44. Estimated age composition of sockeye catches from Cape Tolstoi by week, 1995.....	55
45. Estimated age composition of sockeye catches from Pavlof Bay weeks 28 through 33, 1995	56
46. Estimated age composition of sockeye catches from Deer Island, week 31, 1995.....	57
47. Age composition of Cold Bay sockeye catch samples by day, 1995	58
48. Estimated age composition of sockeye catches from Ikatan Peninsula to Cape Lazaref by week, June, 1995	59
49. Estimated age composition of sockeye catches from Ikatan Peninsula to Cape Lazaref by week, post-June, 1995	60
50. Estimated age composition of sockeye catches from Cape Lutke by week, 1995	61
51. Estimated age composition of sockeye catches from Nelson Lagoon by week, 1995	62
52. Estimated age composition of sockeye catches from Harbor Point to Cape Seniavin by week, through June, 1995	64
53. Estimated age composition of sockeye catches from Harbor Point to Strogonof Point by week, 1995.....	65
54. Age composition of sockeye test fishery samples from Cape Lutke, 1995	67
55. Estimated age composition of selected coho catches by area, Alaska Peninsula Management Area, 1995	68
56. Estimated age composition of coho catches from Southeast District Mainland, week 32, 1995	69

LIST OF TABLES (Cont.)

<u>Table</u>	<u>Page</u>
57. Estimated age composition of coho catches from Shumagin Islands Section weeks 30 through 33, 1995	70
58. Estimated age composition of coho catches from Ikatana Peninsula to Cape Lazaref, week 32, 1995	71
59. Estimated age composition of coho catches from Nelson Lagoon by week, 1995.....	72
60. Estimated age composition of coho catches from Harbor Point to Stroganof Point by week, 1995	73
61. Estimated age composition of chum catches by area, Alaska Peninsula Management Area, 1995	74
62. Estimated age composition of chum catches from Southeastern District Mainland weeks 31 through 33, 1995	76
63. Estimated age composition of chum catches from Shumagin Islands Section by week, June 1995	77
64. Estimated age composition of chum catches from Shumagin Islands Section by week, post June through August, 1995.....	78
65. Estimated age composition of chum catches from Cape Tolstoi by week, 1995	79
66. Estimated age composition of chum catches from Canoe Bay by week, 1995	80
67. Estimated age composition of chum catches from Belkofski Bay by week, post June, 1995.....	81
68. Estimated age composition of chum catches from Deer Island by week, 1995.....	82
69. Estimated age composition of chum catches from Cold Bay by week, 1995.....	83
70. Estimated age composition of chum catches from Ikatana Peninsula to Cape Lazaref, by week, June, 1991	84
71. Estimated age composition of chum catches from Ikatana Peninsula to Cape Lazaref, post June, week 31, 1995	85

LIST OF TABLES (Cont.)

<u>Table</u>	<u>Page</u>
72. Estimated age composition of chum catches from Cape Lutke by week, 1995	86
73. Estimated age composition of chum catches from Swanson Lagoon, week 27, 1995	87
74. Estimated age composition of chum catches from Bechevin Bay, week 27, 1995	88
75. Estimated age composition of chum catches from Nelson Lagoon by week, 1995	89
76. Estimated age composition of chum catches from Herendeen Bay by week, 1995	90
77. Estimated age composition of chum catches from Harbor Point to Strogonof Point, by week, post 4 July 1995	91
78. Estimated age composition of Bear River late run sockeye (post 31 July), 1995.....	92
79. Bear River late run sockeye salmon brood table, 1980-95.....	93

LIST OF FIGURES

<u>Figure</u>	<u>Page</u>
1. Map of the Alaska Peninsula Management Area, 1995.....	94
2. Map of the Alaska Peninsula identifying remote escapement sampling sites of Orzinski Lake and Thin Point Cove.....	95
3. Map of the Alaska Peninsula identifying remote escapement sampling sites of Nelson, Bear, Sandy, and Ilnik Rivers, and selected North Peninsula commercial salmon fishing sections.....	96
4. Map of the Alaska Peninsula Management Area salmon fishing districts.....	97
5. Map of the Southeastern District Mainland fishery from Kupreanof Point to McGinty Point with the salmon sections defined.....	98
6. Map of the Southeastern District identifying Shumagin Islands Section.....	99
7. Map of the Alaska Peninsula Area from McGinty Point to Arch Point (South Central District) with the statistical salmon fishing areas defined.....	100
8. Map of the Alaska Peninsula Management Area from Arch Point to Cape Pankof Light (Southwestern District) with the statistical salmon fishing areas defined.....	101
9. Map of the Alaska Peninsula Management Area from Cape Pankof Light to Scotch Cap (Unimak District) with the statistical salmon fishing areas defined.....	102

LIST OF APPENDICES

<u>Appendix</u>	<u>Page</u>
A.1. Sockeye salmon and smolt escapement sampling summary, Alaska Peninsula, 1995.....	104
A.2. Sockeye salmon catch sampling summary, King Cove, 1995.....	105
A.3. Chum salmon catch sampling summary, King Cove, 1995.....	106
A.4. Coho salmon catch sampling summary, King Cove, 1995.....	107
A.5. Chinook salmon catch sampling summary, Port Moller, 1995.....	108
A.6. Sockeye salmon catch sampling summary, Port Moller, 1995.....	109
A.7. Chum salmon catch sampling summary, Port Moller, 1995.....	110
A.8. Coho salmon catch sampling summary, Port Moller, 1995.....	111
A.9. Escapement and catch sample summary, Alaska Peninsula, 1995.....	112

INTRODUCTION

The Alaska Peninsula Management Area is made up of the South Alaska Peninsula including coastal waters west of Kupreanof Point to Scotch Cap on Unimak Island and the North Alaska Peninsula extending from Cape Menshikof west to Cape Sarichef (Figures 1-9).

About 247 salmon streams are located throughout the Alaska Peninsula Management Area (Murphy 1992). The South Peninsula has 185 salmon systems and the North Peninsula 62 systems. These systems combined support five salmon species: chinook *Oncorhynchus tshawytscha*, sockeye *O. nerka*, coho *O. kisutch*, pink *O. gorbuscha*, and chum *O. keta* salmon.

Salmon escapement is enumerated at seven weirs located at Thin Point Cove, Middle Lagoon, and Orzinski River in the South Peninsula, and Nelson, Bear, Sandy, and Ilnik Rivers in the North Peninsula (Figures 2 and 3). Remaining streams are monitored by aerial and foot surveys.

The Alaska Peninsula Management Area (PMA) is made up of 4 fishing districts in the South Peninsula, and 2 in the North Peninsula (Figures 4-9). Five salmon species are commercially harvested in the PMA of both local and non local origin (McCullough et al. 1994a; McCullough et al. 1994b; Murphy et al. 1995).

Annually, salmon escapements and catches are sampled for biological characteristics (age, length, and sex) to form baseline data. The current emphasis of escapement sampling is on sockeye, while catch sampling focuses primarily on sockeye and chum salmon. Chinook and coho commercial catches are sampled at a reduced level. Sockeye smolt (age, weight, and length) samples are collected weekly at Orzinski, Bear, and Sandy Rivers to be used as indices of smolt condition, and age composition.

This report summarizes the results of the 1995 Alaska Peninsula Management Area escapement and catch sampling program. The purpose of this report is to serve as a compilation of data therefore interpretation and discussion of data are limited.

METHODS

Escapement and Catch Estimates

Alaska Peninsula sockeye salmon escapement estimates were based primarily on weir counts with the addition of post season estimates at Orzinski, Nelson, Bear, Sandy, and Ilnik Rivers. Thin Point Cove sockeye escapements were determined from a combination of weir counts and aerial surveys, while Middle Lagoon escapements relied primarily on aerial surveys. Daily weir counts were obtained from the Alaska Department of Fish and Game (ADF&G), Commercial Fisheries Management and Development Division (CFMDD) escapement database on 14 December 1995.

Salmon catch numbers by area and species were generated from the ADF&G, CFMDD catch database reflecting individual sales receipts (fish tickets). This database was edited by ADF&G area management personnel prior to summaries being generated on 13 December 1995.

Escapement and Catch Sampling

Sockeye salmon escapements were sampled for age (scales), length, and sex at Orzinski, Thin Point Cove, Middle Lagoon, Nelson, Bear, Sandy, and Ilnik River weirs with a targeted weekly sample size of 240 fish per system (Thompson 1987). Sampling weeks and associated calendar dates are presented in Table 1.

Commercial catches were sampled weekly (n=600) for age during commercial fisheries. The 1995 chinook, sockeye, coho and chum commercial catch sampling schedules including areas, targeted sample sizes, and frequencies are presented in Tables 2-5. A detailed description of the Alaska Peninsula escapement and catch sampling program can be found in Murphy (1995a).

Scales were collected from the preferred area following procedures outlined in INPFC (1963) and mounted on gum cards. Impressions were made on cellulose acetate (Clutter and Whitesel 1956) and fish ages were classified by examining scales for annual growth using a microfiche reader (48x) following criteria established by Mosher (1968). Ages were recorded on sampling forms using European notation (Koo 1962). Length measurements were taken from mid-eye to fork-of-tail in mm; sex was determined from external morphological characteristics. All data were recorded on standard data forms.

Age composition estimates from stock specific escapements and catches were interpolated daily between sampling events and summarized weekly when targeted sampling was achieved. When limited samples were obtained, age composition estimates reflect the sampling period only. Length composition data is summarized by age and sex representing the fish sampled. Descriptions of component programs used to compute age, length, and sex composition tables can be found in Blackburn (1993).

Sockeye smolt sampling for age (scales), length, and weight was attempted weekly (n=200) at Orzinski, Bear, and Sandy River weirs. Scales were taken from the preferred area (INPFC 1963) and mounted on a standard microscope slide. Age determination followed Mosher (1968). Length measurements (tip-of-snout to fork-of-tail) were recorded in mm and weights were taken to the nearest 0.1 gram. Age compositions were summarized by area and week. Mean length, weight, and condition factor were calculated for each system by age and week (Swanton et al. 1995). No attempt was made to measure smolt abundance.

Bear River late run reconstruction was accomplished by combining Bear River late run (post 31 July) escapement estimates and catches from Harbor Point to Strogonof Point (post 31 July) by year and age class (Murphy 1995b). Estimates by age class were assigned to the parent year (brood year) escapement and return-per-spawner estimates were calculated by dividing total return by its respective parent year escapement.

RESULTS

A total of 860,140 sockeye salmon were estimated as escapement through weirs in the Alaska Peninsula Management Area during 1995 (Table 6). Overall, 6,424 sockeye were sampled from escapements and primary age classes included 1.2, 1.3, 2.2, and 2.3 fish with the exception of 22.2% (6,649) age 1.1 fish estimated at Orzinski River (Table 7-28). Lengths ranged from 270-665 mm.

Weekly sockeye smolt samples collected at Bear River indicate that 87.7% of the outmigrating sockeye smolt sampled during 1995 were age 2. followed by 12% age 1. (Table 29 and 30). Target sample sizes were not achieved at Orzinski or Sandy Rivers due to smolt availability and timing however limited data suggests that age 1. smolt were dominant at both Orzinski and Sandy Rivers (Tables 31-34).

The 1995 total commercial harvest for the Alaska Peninsula Management Area was 24,863,970 fish consisting of 24,956 chinook, 6,311,336 sockeye, 398,932 coho, 16,305,732 pink, and 1,823,014 chum salmon (Table 35).

Chinook samples collected from Nelson Lagoon and Harbor Point to Cape Seniavin commercial catches were dominated by age 1.2 and 1.4 fish (Tables 36-38). A total of 12,989 sockeye scale samples were collected from 12 different areas throughout the South and North Peninsula during 1995 (Appendix A.1.). Primary age classes included 1.2, 1.3, 2.2, and 2.3 fish (Tables 39 through 54). Coho samples were collected from Southeastern District Mainland, Shumagin Islands Section, and Ikatan Peninsula to Cape Lazaref in the South Peninsula and Nelson Lagoon and Harbor Point to Strogonof Point in the North Peninsula (Tables 55-60). Dominant age classes of the monitored catches were age 1.1 and 2.1. Chum samples collected from 15 commercial catch areas were comprised primarily of age 0.3 and 0.4 fish, however chum samples from Swanson and Nelson Lagoon showed >20% age 0.2 fish (Tables 61-77).

The 1995 estimated late sockeye salmon run to Bear River was 1,258,207 (Murphy 1995b). Age 2.2 and 2.3 fish accounted for approximately 89% of the run (Table 78). The 1980-1989 late run escapements to Bear River have produced an estimated average return of 662,530 fish (range: 280,870 - 1,088,611; Table 79). The average return-per-spawner (R/S) for this time period is estimated to be 5.0, while the recent fully recruited 5 year (1985-1989) average R/S estimate is 7.5 with an average return estimate of 931,535 fish.

LITERATURE CITED

- Blackburn, J. 1993. Documentation for the application redage. Alaska Department of Fish and Game, Division of Commercial Fisheries, (Region IV unpublished report), Kodiak.
- Clutter, R. and L. Whitesel. 1956. Collection and Interpretation of sockeye salmon scales. International Pacific Salmon Fisheries Commission, Bulletin 9, New Westminster, British Columbia, Canada.
- INPFC (International North Pacific Fisheries Commission). 1963. Annual Report 1961. Vancouver, British Columbia, Canada.
- Koo, T.S.Y. 1962. Studies of Alaska red salmon. University of Washington, Publications in Fisheries, New series, Volume I. Seattle.
- McCullough, J.N., A.R. Shaul, and R.L. Murphy. 1994a. Annual summary of the commercial salmon fishery and a report on salmon subsistence and personal use fisheries for the Alaska Peninsula and Aleutian Islands Management Areas, 1993. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Regional Information Report No. 4K94-23, Kodiak.
- McCullough, J.N., A.R. Shaul, R.D. Campbell, and R.S. Berceli. 1994b. South Peninsula annual salmon management report, 1993. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Regional Information Report No. 4K94-38, Kodiak.
- Mosher, K. H. 1968. Photographic atlas of sockeye salmon scales. Bureau of the U.S. Fish and Wildlife Service. Fishery Bulletin 67(2):243-280.
- Murphy, R.L. 1992. Number of salmon systems and distribution of escapements in the Alaska Peninsula and Aleutian Islands Management Areas, 1986-91. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report No. 4K92-15, Kodiak.
- Murphy, R.L. 1995a. Alaska Peninsula salmon catch and escapement sampling procedures. 1995 Operational Plans. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Regional Information Report No. 4K95-17, Kodiak.
- Murphy, R.L. 1995b. The North Alaska Peninsula salmon report. Report to the Alaska Board of Fisheries. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Regional Information Report No. 4K95-52, Kodiak.

LITERATURE CITED

- Murphy, R.L., A.R. Shaul, and R.S. Berceci. 1994. North Alaska Peninsula commercial salmon annual management report, 1993. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Regional Information Report No. 4K94-24, Kodiak.
- Swanton, C.O., B.M. Barrett, and P.A. Nelson. 1995. Sockeye smolt population estimates, outmigration timing, and size at age characteristics for Red, Akalura, and Frazer lakes, 1994. Commercial Fisheries Management and Development Division, Regional Information Report No. 4K95-26, Kodiak.
- Thompson, S.K. 1987. Sample size for estimating multinomial proportions. *The American Statistician* 41 (1):42-46.

Table 1. Sampling weeks and corresponding calendar dates for 1995.

Week	Calendar Dates	Week	Calendar Dates
1	01-Jan to 03-Jan	28	05-Jul to 11-Jul
2	04-Jan to 10-Jan	29	12-Jul to 18-Jul
3	11-Jan to 17-Jan	30	19-Jul to 25-Jul
4	18-Jan to 24-Jan	31	26-Jul to 01-Aug
5	25-Jan to 31-Jan	32	02-Aug to 08-Aug
6	01-Feb to 07-Feb	33	09-Aug to 15-Aug
7	08-Feb to 14-Feb	34	16-Aug to 22-Aug
8	15-Feb to 21-Feb	35	23-Aug to 29-Sep
9	22-Feb to 28-Feb	36	30-Aug to 05-Sep
10	01-Mar to 07-Mar	37	06-Sep to 12-Sep
11	08-Mar to 14-Mar	38	13-Sep to 19-Sep
12	15-Mar to 21-Mar	39	20-Sep to 26-Sep
13	22-Mar to 28-Mar	40	27-Sep to 03-Oct
14	29-Mar to 04-Apr	41	04-Oct to 10-Oct
15	05-Apr to 11-Apr	42	11-Oct to 17-Oct
16	12-Apr to 18-Apr	43	18-Oct to 24-Oct
17	19-Apr to 25-Apr	44	25-Oct to 31-Oct
18	26-Apr to 02-May	50	1-Nov to 07-Nov
19	03-May to 09-May	46	08-Nov to 14-Nov
20	10-May to 16-May	47	15-Nov to 21-Nov
21	17-May to 23-May	48	22-Nov to 28-Nov
22	24-May to 30-May	49	29-Nov to 05-Dec
23	31-May to 06-Jun	50	06-Dec to 12-Dec
24	07-Jun to 13-Jun	51	13-Dec to 19-Dec
25	14-Jun to 20-Jun	52	20-Dec to 26-Dec
26	21-Jun to 27-Jun	53	27-Dec to 31-Dec
27	28-Jun to 04-Jul		

Table 2. Chinook salmon catch sampling schedule for the Alaska Peninsula Management Area, 1995.

Crew	SAMPLING AREA			SAMPLE			
	District/Section	Geographic Area	Statistical Area(s)	Freq.	Size	Data	Fishery
Port Moller	Northern District: Nelson Lagoon Section	Nelson Lagoon	313-30	Weekly	300	Scales	Terminal
	Port Moller Bight and Bear River Sections (prior to July 25)	Harbor Point to Cape Seniavin	314-12,315-11,20	Weekly	300	Scales	Terminal
	Port Moller Bight, Bear River, Three Hills, Ilnik Sections (post June 24)	Harbor Point to Strogonof Point	314-12,315-11,20 316-10,20,22,25	Weekly	300	Scales	Terminal

Table 3. Sockeye salmon catch sampling schedule for the Alaska Peninsula Management Area, 1995.

Crew	SAMPLING AREA			SAMPLE			
	District/Section	Geographic Area	Statistical Area(s)	Freq.	Size	Data	Fishery
Port Moller	Northern District:						
	Nelson Lagoon Section	Nelson Lagoon	313-30	Weekly	600	Scales	Terminal
	Port Moller Bight and Bear River Sections (prior to June 25)	Harbor Point to Cape Seniavin	314-12,315-11,20	Weekly	600	Scales	Mixed
	Port Moller Bight, Bear River, Three Hills, and Ilnik Sections (post June 24)	Harbor Point to Strogonof Point	314-12,315-11,20 316-10,20,22,25	Weekly	1,200	Scales	Mixed
	Ilnik Section (Lagoon)	Ilnik Lagoon	316-22	Weekly	600	Scales	Terminal
	Outer Port Heiden Section	Outer Port Heiden	317-10	Weekly	600	Scales	Mixed
	Inner Port Heiden Section	Inner Port Heiden	317-20	Weekly	600	Scales	Terminal
King Cove	Northwestern District:						
		Urilia Bay	311-32	Weekly	600	Scales	Terminal
	Southeastern District:						
	Southeast District Mainland	Beaver and Balboa Bays, Stepovak	281-90,80,30	Weekly	600	Scales	Mixed
	Shumagin Is. Section	Shumagin Islands	282's, see Table 1	Weekly	600	Scales	Mixed
	South Central District:						
		Long Beach	283-26	Weekly	600	Scales	Mixed
		Cape Tolstoi	283-21	Weekly	600	Scales	Mixed
		Canoe Bay	283-24	Weekly	600	Scales	Mixed
		Pavlof Bay	283-21,23,25,26	Weekly	600	Scales	Mixed
Southwestern District:							
Thin Point Section	Thin Point Lagoon	284-75	Weekly	600	Scales	Terminal	
	Morzhovoi Bay	284-80	Weekly	600	Scales	Terminal	
King Cove	Unimak District:						
		Cape Lutke	285-40	Weekly	600	Scales	Mixed
		Ikatan Peninsula to C. Lazaref	284-90,285-20,30	Weekly	600	Scales	Mixed
	Unalaska District	Aleutian Islands Management Area	302-	Weekly	600	Scales	Mixed

Table 4. Coho salmon catch sampling schedule for the Alaska Peninsula Management Area, 1995.

Crew	SAMPLING AREA			SAMPLE			
	District/Section	Geographic Area	Statistical Area(s)	Freq.	Size	Data	Fishery
Port Moller	Northern District:						
	Nelson Lagoon Section	Nelson Lagoon	313-30	Weekly	300	Scales	Terminal
	Port Moller Bight, Bear River, Three Hills, and Ilnik Sections	Harbor Point to Strogonof Point	314-12, 315-11, 20, 316-10, 20, 22, 25	Weekly	300	Scales	Terminal
King Cove	Northwestern District:						
	Izembek-Moffet Bay Section	Izembek-Moffet Bay	312-10, 20, 40	Weekly	300	Scales	Terminal
		Swanson Lagoon	311-52	Weekly	300	Scales	Terminal
	Southeastern District:						
	Southeast District Mainland	Beaver and Balboa Bays, Stepovak	281-90, 80, 70	Weekly	300	Scales	Mixed
	Shumagin Is. Section	Shumagin Islands	282-10, 11, 20, 25, 30, 35, 40, 42	Weekly	300	Scales	Mixed
	South Central District:						
		Coal Bay	283-17	Weekly	300	Scales	Mixed
		Canoe Bay	283-24	Weekly	300	Scales	Mixed
		Pavlof Bay	283-21, 23, 25, 26	Weekly	300	Scales	Mixed
	Southwestern District:						
	Volcano Bay	284-36	Weekly	300	Scales	Mixed	
	Belkofski Bay	284-42	Weekly	300	Scales	Terminal	
	Cold Bay	284-62, 65, 67	Weekly	300	Scales	Mixed	
	Morzhovoi Bay	284-80	Weekly	300	Scales	Both	
King Cove	Unimak District:						
		Cape Lutke	285-40	Weekly	300	Scales	Mixed
		Ikatan Peninsula to C. Lazaref	284-90, 285-20, 30	Weekly	300	Scales	Mixed

Table 5. Chum salmon catch sampling schedule for the Alaska Peninsula Management Area, 1995.

Crew	SAMPLING AREA			SAMPLE			
	District/Section	Geographic Area	Statistical Area(s)	Freq.	Size	Data	Fishery
Port Moller	Northern District:						
	Nelson Lagoon Section	Nelson Lagoon	313-30	Weekly	440	Scales	Terminal
	Moller/Herendeen Bay Section	Herendeen Bay	314-20	Weekly	440	Scales	Terminal
	Port Moller Bight and Bear River Sections (prior to June 25)	Harbor Point to Cape Seniavin	314-12,315-11,20	Weekly	440	Scales	Mixed
	Port Moller Bight, Bear River, Three Hills, and Ilnik Sections (post June 24)	Harbor Point to Strogonof Point	314-12,315-11,20 316-10,20,22,25	Weekly	440	Scales	Mixed
King Cove	Northwestern District:						
	Izembek-Moffet Bay Section	Izembek-Moffet Bay	312-10,20,40	Weekly	440	Scales	Terminal
		Swanson Lagoon	311-52	Weekly	440	Scales	Mixed
	Southeastern District:						
	Southeast District Mainland	Beaver and Balboa Bays, Stepovak	281-90,80,70	Weekly	440	Scales	Mixed
				Weekly	440	Scales	Mixed
	Shumagin Is. Section	Shumagin Islands	282-10,11,20,25,30,35,40,42	Weekly	440	Scales	Mixed
	South Central District:						
		Coal Bay Canoe Bay Pavlof Bay	283-17 283-24 283-21,23,25,26	Weekly	440	Scales	Mixed
				Weekly	440	Scales	Mixed
				Weekly	440	Scales	Mixed
	Southwestern District:						
	Volcano Bay Belkofski Bay Cold Bay Morzhovoi Bay	284-36 284-42 284-62,65,67 284-80	Weekly	440	Scales	Mixed	
			Weekly	440	Scales	Terminal	
			Weekly	440	Scales	Mixed	
			Weekly	440	Scales	Both	
King Cove	Unimak District:						
	Cape Lutke Ikatan Peninsula to C. Lazaref	285-40 284-90,285-20,30	Weekly	440	Scales	Mixed	
Weekly			440	Scales	Mixed		

Table 6. Daily and cumulative sockeye escapement by system, Alaska Peninsula Management Area, 1995.

Date	System (Weir)											
	Nelson		Bear		Ilnik		Orzinski		Sandy		Thin Point	
	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum
1-Jun					1	1						
2-Jun					29	30						
3-Jun					74	104						
4-Jun					39	143						
5-Jun	3	3	68	68	2	145			7	7		
6-Jun	0	3	17	85	130	275			2	9		
7-Jun	0	3	32	117	149	424			6	15		
8-Jun	1	4	66	183	40	464			10	25		
9-Jun	0	4	102	285	157	621			8	33		
10-Jun	0	4	19	304	305	926			2	35		
11-Jun	2	6	130	434	165	1,091			9	44		
12-Jun	213	219	43	477	447	1,538			44	88		
13-Jun	202	421	273	750	659	2,197			6	94		
14-Jun	62	483	13	763	137	2,334			6	100		
15-Jun	875	1,358	174	937	398	2,732			24	124		
16-Jun	673	2,031	104	1,041	413	3,145	3	3	41	165		
17-Jun	556	2,587	459	1,500	186	3,331	0	3	62	227		
18-Jun	252	2,839	1,255	2,755	641	3,972	3	6	74	301		
19-Jun	2,904	5,743	952	3,707	177	4,149	11	17	902	1,203		
20-Jun	1,038	6,781	329	4,036	546	4,695	28	45	2,896	4,099		
21-Jun	602	7,383	529	4,565	85	4,780	28	73	1,092	5,191		
22-Jun	709	8,092	849	5,414	511	5,291	111	184	986	6,177		
23-Jun	3,991	12,083	1,848	7,262	747	6,038	63	247	3,163	9,340		
24-Jun	6,371	18,454	1,363	8,625	988	7,026	17	264	10,013	19,353		
25-Jun	10,385	28,839	7,425	16,050	1,682	8,708	5	269	7,395	26,748		
26-Jun	13,171	42,010	14,896	30,946	1,264	9,972	9	278	6,056	32,804		
27-Jun	10,550	52,560	5,049	35,995	1,007	10,979	32	310	2,861	35,665		
28-Jun	6,388	58,948	1,425	37,420	904	11,883	595	905	3,399	39,064		
29-Jun	6,912	65,860	1,547	38,967	801	12,684	65	970	5,569	44,633		
30-Jun	6,026	71,886	3,571	42,538	1,945	14,629	32	1,002	1,686	46,319		
1-Jul	6,457	78,343	7,443	49,981	1,216	15,845	24	1,026	3,485	49,804		
2-Jul	5,016	83,359	5,965	55,946	2,418	18,263	30	1,056	7,999	57,803		
3-Jul	4,568	87,927	9,475	65,421	3,488	21,751	1	1,057	9,700	67,503		
4-Jul	3,233	91,160	12,627	78,048	2,890	24,641	1,214	2,271	7,916	75,419		
5-Jul	10,282	101,442	8,063	86,111	1,355	25,996	110	2,381	10,563	85,982		
6-Jul	24,312	125,754	21,627	107,738	1,002	26,998	4,789	7,170	3,494	89,476		
7-Jul	13,731	139,485	13,990	121,728	1,200	28,198	128	7,298	12,869	102,345		
8-Jul	13,222	152,707	3,914	125,642	800	28,998	32	7,330	2,294	104,639		
9-Jul	18,602	171,309	1,829	127,471	685	29,683	5,282	12,612	1,705	106,344		
10-Jul	17,332	188,641	1,657	129,128	569	30,252	1,436	14,048	1,365	107,709		
11-Jul	17,149	205,790	1,203	130,331	737	30,989	1,692	15,740	1,356	109,065		
12-Jul	15,375	221,165	1,154	131,485	673	31,662	2,942	18,682	913	109,978		
13-Jul	12,629	233,794	2,631	134,116	1,221	32,883	513	19,195	1,156	111,134		
14-Jul	6,345	240,139	4,957	139,073	1,354	34,237	101	19,296	1,917	113,051		
15-Jul	14,323	254,462	3,055	142,128	1,240	35,477	612	19,908	3,078	116,129		
16-Jul	18,421	272,883	2,680	144,808	1,182	36,659	644	20,552	2,482	118,611		
17-Jul	13,324	286,207	4,344	149,152	781	37,440	1,208	21,760	1,147	119,758	15	15
18-Jul	7,442	293,649	3,438	152,590	620	38,060	4	21,764	812	120,570	7	22
19-Jul	5,547	299,196	3,198	155,788	515	38,575	265	22,029	935	121,505	0	22
20-Jul	4,840	304,036	1,826	157,614	425	39,000	225	22,254	800	122,305	0	22
21-Jul	4,852	308,888	1,466	159,080			193	22,447	700	123,005	0	22

-Continued-

Table 6. (page 2 of 3)

Date	System (Weir)											
	Nelson		Bear		Ilnik		Orzinski		Sandy		Thin Point	
	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum
22-Jul	3,267	312,155	983	160,063			353	22,800	600	123,605	0	22
23-Jul	2,946	315,101	952	161,015			839	23,639	500	124,105	0	22
24-Jul	2,959	318,060	676	161,691			184	23,823	400	124,505	3	25
25-Jul	2,690	320,750	1,333	163,024			84	23,907	300	124,805	1	26
26-Jul	8,650	329,400	998	164,022			153	24,060	195	125,000	0	26
27-Jul			2,548	166,570			5,940	30,000			0	26
28-Jul			8,368	174,938							4	30
29-Jul			9,288	184,226							0	30
30-Jul			5,378	189,604							0	30
31-Jul			7,435	197,039							0	30
1-Aug			24,363	221,402							0	30
2-Aug			5,273	226,675							0	30
3-Aug			319	226,994							0	30
4-Aug			422	227,416							2	32
5-Aug			2,167	229,583							338	370
6-Aug			2,803	232,386							72	442
7-Aug			1,288	233,674							339	781
8-Aug			785	234,459							115	896
9-Aug			1,300	235,759							8	904
10-Aug			768	236,527							2	906
11-Aug			2,604	239,131							2,231	3,137
12-Aug			1,800	240,931							895	4,032
13-Aug			1,085	242,016							38	4,070
14-Aug			566	242,582							821	4,891
15-Aug			2,923	245,505							444	5,335
16-Aug			2,477	247,982							216	5,551
17-Aug			3,557	251,539							1,481	7,032
18-Aug			2,591	254,130							1,717	8,749
19-Aug			2,247	256,377							950	9,699
20-Aug			1,035	257,412							457	10,156
21-Aug			3,569	260,981							85	10,241
22-Aug			1,868	262,849							21,499	31,740
23-Aug			325	263,174								
24-Aug			3,791	266,965								
25-Aug			5,158	272,123								
26-Aug			6,565	278,688								
27-Aug			5,312	284,000								
28-Aug			3,000	287,000								
29-Aug			2,000	289,000								
30-Aug			2,000	291,000								
31-Aug			2,000	293,000								
1-Sep			2,000	295,000								
2-Sep			2,000	297,000								
3-Sep			2,000	299,000								
4-Sep			1,000	300,000								
5-Sep			1,000	301,000								
6-Sep			1,000	302,000								
7-Sep			1,000	303,000								
8-Sep			1,000	304,000								
9-Sep			1,000	305,000								
Total	329,400	^a	305,000	^b	39,000	^c	30,000	^d	125,000	^e	31,740	^f

- Footnotes on next page -

Table 6. (page 3 of 3)

- ^a Includes post weir estimate of 8,650 fish. Weir was pulled on 25 July.
- ^b Includes post weir estimate of 10,312 fish. Weir was pulled on 26 August.
- ^c Includes post weir estimate of 7,338 fish. Weir was pulled on 12 July.
- ^d Includes post weir estimate of 5,940 fish. Weir was pulled on 26 July.
- ^e Includes post weir estimate of 3,495 fish. Weir was pulled on 19 July.
- ^f Includes post weir estimate of 21,499 fish. Weir was pulled on 21 August.

Table 7. Estimated age composition of sockeye escapements by system, Alaska Peninsula Management Area, 1995.

System Dates	Sample Size	Ages											Total ^a		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2		2.4	
SOUTH PENINSULA															
Orzinski Lake 6/14-8/01	635	%	0.0	22.2	0.0	6.5	6.8	0.0	45.5	14.2	0.1	4.8	0.0	0.0	100.0
		#	0	6,649	0	1,940	2,039	0	13,639	4,263	29	1,443	0	0	30,000
Thin Point Cove 7/12-8/22	169	%	0.0	0.1	0.3	17.6	0.0	0.0	81.5	0.0	0.0	0.4	0.0	0.0	100.0
		#	0	43	86	5,602	0	0	25,881	0	0	129	0	0	31,740 ^b
Middle Lagoon 6/28-9/12	69	%	0.0	0.0	7.2	55.1	0.0	0.0	34.8	2.9	0.0	0.0	0.0	0.0	100.0
		#	0	0	2,949	22,414	0	0	14,157	1,180	0	0	0	0	40,700 ^c
NORTH PENINSULA															
Nelson River 5/31-8/01	1,027	%	0.1	0.1	0.0	1.3	8.6	0.0	1.4	82.6	0.0	5.6	0.2	0.2	100.0
		#	226	226	0	4,141	28,289	0	4,735	271,947	0	18,574	723	537	329,400
Bear River 5/31-9/12	2,416	%	0.0	0.1	0.0	2.1	12.2	0.0	0.6	48.8	0.5	35.0	0.0	0.7	100.0
		#	0	170	0	6,538	37,204	0	1,817	148,865	1,384	106,882	0	2,138	305,000
Sandy River 5/31-8/01	1,185	%	0.6	3.3	0.0	32.0	0.0	0.0	60.3	3.0	0.0	0.7	0.0	0.0	100.0
		#	794	4,131	58	40,013	0	0	75,390	3,691	0	924	0	0	125,000
Ilnik Lagoon 5/31-7/25	365	%	2.2	0.0	12.5	12.9	0.0	1.5	65.0	1.0	1.2	3.7	0.0	0.0	100.0
		#	866	0	4,886	5,038	0	570	25,344	381	467	1,447	0	0	39,000

^a Includes post season estimates.

^b Based on weir and aerial survey data.

^c Based on aerial survey data.

Table 8. Estimated age composition of Orzinski Lake sockeye escapement by week, 1995.^a

Week	Sample Size		Ages						Total	
			1.1	1.2	2.1	1.3	2.2	1.4		2.3
25 (6/14-6/20)	0	Percent	25.6	8.3	7.1	43.4	10.4	0.2	5.0	100.0
		Numbers	12	4	3	20	5	0	2	45
26 (6/21-6/27)	0	Percent	25.6	8.3	7.1	43.4	10.4	0.2	5.0	100.0
		Numbers	68	22	19	115	28	1	13	265
27 (6/28-7/04)	0	Percent	25.2	8.1	7.1	43.6	10.9	0.2	5.0	100.0
		Numbers	493	158	139	856	214	4	97	1,961
28 (7/05-7/11)	422	Percent	23.4	7.1	6.9	44.7	12.8	0.2	4.9	100.0
		Numbers	3,157	962	931	6,018	1,724	20	656	13,469
29 (7/12-7/18)	0	Percent	21.5	6.1	6.7	45.9	14.9	0.1	4.8	100.0
		Numbers	1,295	368	406	2,763	900	4	288	6,024
30 (7/19-7/25)	213	Percent	19.7	5.2	6.6	46.9	16.9	0.0	4.7	100.0
		Numbers	423	111	141	1,006	362	0	101	2,143
31 (7/26-8/01)	0	Percent	19.7	5.2	6.6	46.9	16.9	0.0	4.7	100.0
		Numbers	1,201	315	400	2,861	1,030	0	286	6,093 ^b
Total	635	Percent	22.2	6.5	6.8	45.5	14.2	0.1	4.8	100.0
		Numbers	6,649	1,940	2,039	13,639	4,263	29	1,443	30,000

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes post-season estimate of 5,940 fish.

Table 9. Length composition of Orzinski Lake sockeye escapement samples by age and sex, weeks 28 and 30, 1995.

	Ages							Total
	1.1	1.2	1.3	1.4	2.1	2.2	2.3	
Females								
Mean Length	357	507	561	585	550	505	562	547
SE	28	8	1			4	6	2
Range	330-385	455-560	515-650	585-585	550-550	450-575	490-600	330-650
Sample Size	2	17	190	1	1	50	22	283
Males								
Mean Length	345	460	581	0	371	508	606	440
SE	1	8	4		6	8	7	6
Range	310-390	355-560	340-640	0-0	270-575	400-575	580-635	270-640
Sample Size	148	29	92	0	43	30	9	351
All Fish								
Mean Length	345	477	568	585	376	506	575	488
SE	1	7	2		7	4	6	4
Range	310-390	355-560	340-650	585-585	270-575	400-575	490-635	270-650
Sample Size	150	46	282	1	44	80	31	634

Table 10. Estimated sex composition of Orzinski Lake sockeye escapement by week, 1995.

Week	Dates	Escapement							
		Sample			Percent ^a		Numbers		
		Females	Males	Total	Females	Males	Females	Males	Total
25	(6/14-6/20)	0	0	0	42.2	57.8	19	26	45
26	(6/21-6/27)	0	0	0	41.5	58.5	110	155	265
27	(6/28-7/04)	0	0	0	42.3	57.7	830	1,131	1,961
28	(7/05-7/11)	199	281	480	45.8	54.2	6,171	7,298	13,469
29	(7/12-7/18)	0	0	0	49.7	50.3	2,996	3,028	6,024
30	(7/19-7/25)	128	112	240	53.3	46.7	1,143	1,000	2,143
31	(7/26-8/01)	0	0	0	53.3	46.7	3,250	2,843	6,093 ^b
Total		327	393	720	48.4	51.6	14,518	15,482	30,000

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Sex composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes post-season estimate of 5,940 fish.

Table 11. Estimated age composition of Thin Point Cove sockeye escapement by week, 1995.^a

Week	Sample Size		Ages					Total
			1.1	0.3	1.2	1.3	2.3	
29 (7/12-7/18)	0	Percent	0.8	1.5	24.2	71.2	2.3	100.0
		Numbers	0	0	5	16	1	22
30 (7/19-7/25)	0	Percent	0.8	1.5	24.2	71.2	2.3	100.0
		Numbers	0	0	1	3	0	4
31 (7/26-8/01)	0	Percent	0.8	1.5	24.2	71.2	2.3	100.0
		Numbers	0	0	1	3	0	4
32 (8/02-8/08)	0	Percent	0.8	1.5	24.2	71.2	2.3	100.0
		Numbers	7	13	210	617	20	866
33 (8/09-8/15)	132	Percent	0.7	1.4	23.5	72.4	2.1	100.0
		Numbers	30	61	1,042	3,215	91	4,439
34 (8/16-8/22)	37	Percent	0.0	0.0	16.4	83.4	0.1	100.0
		Numbers	6	12	4,343	22,027	17	26,405 ^b
Total	169	Percent	0.1	0.3	17.6	81.5	0.4	100.0
		Numbers	43	86	5,602	25,881	129	31,740

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes post-season estimate of 21,499 fish.

Table 12. Length composition of Thin Point Cove sockeye escapement samples by age and sex, weeks 33 and 34, 1995.

	Ages					Total
	0.3	1.1	1.2	1.3	2.3	
Females						
Mean Length	558	0	539	553	563	551
SE	2		6	2	3	2
Range	556-560	0-0	488-576	520-586	558-570	488-586
Sample Size	2	0	14	61	3	80
Males						
Mean Length	0	363	566	571	0	567
SE			5	3		3
Range	0-0	363-363	504-613	515-610	0-0	363-613
Sample Size	0	1	24	64	0	89
All Fish						
Mean Length	558	363	556	562	563	559
SE	2		5	2	3	2
Range	556-560	363-363	488-613	515-610	558-570	363-613
Sample Size	2	1	38	125	3	169

Table 13. Estimated sex composition of Thin Point Cove sockeye escapement by week, 1995.

Week	Dates	Escapement							
		Sample			Percent ^a		Numbers		
		Females	Males	Total	Females	Males	Females	Males	Total
29	(7/12-7/18)	0	0	0	50.0	50.0	11	11	22
30	(7/19-7/25)	0	0	0	50.0	50.0	2	2	4
31	(7/26-8/01)	0	0	0	50.0	50.0	2	2	4
32	(8/02-8/08)	0	0	0	50.6	49.4	438	428	866
33	(8/09-8/15)	81	79	160	48.6	51.4	2,158	2,281	4,439
34	(8/16-8/22)	12	28	40	30.6	69.4	8,078	18,327	26,405 ^b
Total		93	107	200	33.7	66.3	10,691	21,049	31,740

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Sex composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes post-season estimate of 21,499 fish.

Table 14. Estimated age composition of Middle Lagoon sockeye escapement by week, 1995.

Week	Sample Size	Ages				Total	
		0.3	1.2	1.3	2.2		
27-37 (6/28-9/12)	69	Percent Numbers	7.2 2,949	55.1 22,414	34.8 14,157	2.9 1,180	100.0 40,700 ^a
Total	69	Percent Numbers	7.2 2,949	55.1 22,414	34.8 14,157	2.9 1,180	100.0 40,700

^a Based on aerial survey data.

Table 15. Length composition of Middle Lagoon sockeye escapement samples by age and sex, week 30, 1995.

	Ages				Total
	0.3	1.2	1.3	2.2	
Females					
Mean Length	601	534	586	541	551
SE	4	4	7		5
Range	595-610	494-568	556-614	541-541	494-614
Sample Size	3	25	8	1	37
Males					
Mean Length	653	564	630	606	605
SE	15	3	6		7
Range	638-668	549-585	585-665	606-606	549-668
Sample Size	2	12	16	1	31
All Fish					
Mean Length	622	544	615	573	576
SE	14	4	6	33	5
Range	595-668	494-585	556-665	541-606	494-668
Sample Size	5	37	24	2	68

Table 16. Estimated sex composition of Middle Lagoon sockeye escapement by week, 1995.

Week	Dates	Sample			Percent		Escapement		
		Females	Males	Total	Females	Males	Females	Males	Total
27-37	(6/28-9/12)	49	38	87	56.3	43.7	22,923	17,777	40,700 ^a
Total		49	38	87	56.3	43.7	22,923	17,777	40,700

^a Based on aerial survey data.

Table 17. Estimated age composition of Nelson River sockeye escapement by week, 1995.^a

Week	Sample Size		Ages									Total
			0.2	1.1	1.2	2.1	1.3	2.2	2.3	3.2	2.4	
23 (5/31-6/06)	0	Percent Numbers	0.0 0	0.0 0	11.1 0	0.0 0	7.4 0	51.9 2	29.6 1	0.0 0	0.0 0	100.0 3
24 (6/07-6/13)	0	Percent Numbers	0.0 0	0.0 0	11.1 46	0.0 0	7.4 31	51.9 217	29.6 124	0.0 0	0.0 0	100.0 418
25 (6/14-6/20)	27	Percent Numbers	0.0 0	0.0 0	11.1 707	0.0 0	7.4 471	51.9 3,298	29.6 1,884	0.0 0	0.0 0	100.0 6,360
26 (6/21-6/27)	201	Percent Numbers	0.2 107	0.2 107	2.1 974	2.1 983	3.1 1,406	85.3 39,043	6.4 2,934	0.5 224	0.0 0	100.0 45,779
27 (6/28-7/04)	203	Percent Numbers	0.3 119	0.3 119	1.7 637	7.6 2,929	1.4 547	85.8 33,113	2.4 946	0.5 189	0.0 0	100.0 38,600
28 (7/05-7/11)	206	Percent Numbers	0.0 0	0.0 0	1.3 1,506	12.3 14,085	1.0 1,107	80.8 92,617	4.1 4,740	0.3 310	0.2 266	100.0 114,630
29 (7/12-7/18)	191	Percent Numbers	0.0 0	0.0 0	0.3 271	8.6 7,597	1.1 994	83.2 73,116	6.4 5,610	0.0 0	0.3 271	100.0 87,859
30 (7/19-7/25)	199	Percent Numbers	0.0 0	0.0 0	0.0 0	7.5 2,043	0.5 136	85.4 23,152	6.5 1,770	0.0 0	0.0 0	100.0 27,101
31 (7/26-8/01)	0	Percent Numbers	0.0 0	0.0 0	0.0 0	7.5 652	0.5 43	85.4 7,389	6.5 565	0.0 0	0.0 0	100.0 8,650 ^b
Total	1,027	Percent Numbers	0.1 226	0.1 226	1.3 4,141	8.6 28,289	1.4 4,735	82.6 271,947	5.6 18,574	0.2 723	0.2 537	100.0 329,400

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Postseason estimate.

Table 18. Length composition of Nelson River sockeye escapement samples by age and sex, weeks 25 through 30, 1995.

	Ages									Total
	0.2	1.1	1.2	1.3	2.1	2.2	2.3	2.4	3.2	
Females										
Mean Length	0	0	501	550	0	494	563	0	0	505
SE				8		2	5			2
Range	0-0	0-0	501-501	498-596	0-0	432-608	481-621	0-0	0-0	432-621
Sample Size	0	0	1	13	0	210	33	0	0	257
Males										
Mean Length	429	309	438	608	350	450	592	577	456	447
SE			5	3	3	1	11		6	2
Range	429-429	309-309	418-496	600-615	318-472	368-639	455-666	577-577	449-467	309-666
Sample Size	1	1	15	5	72	632	29	1	3	759
All Fish										
Mean Length	429	309	442	562	350	461	577	577	456	462
SE			6	9	3	2	6		6	2
Range	429-429	309-309	418-501	497-615	318-472	368-639	455-666	577-577	449-467	309-666
Sample Size	1	1	16	19	72	848	62	1	3	1,023

Table 19. Estimated sex composition of Nelson River sockeye escapement by week, 1995.

Week	Dates	Escapement							
		Sample			Percent ^a		Numbers		
		Females	Males	Total	Females	Males	Females	Males	Total
23	(5/31-6/06)	0	0	0	33.3	66.7	1	2	3
24	(6/07-6/13)	0	0	0	23.4	76.6	98	320	418
25	(6/14-6/20)	8	26	34	23.5	76.5	1,496	4,864	6,360
26	(6/21-6/27)	22	218	240	9.5	90.5	4,348	41,431	45,779
27	(6/28-7/04)	22	211	233	11.5	88.5	4,444	34,156	38,600
28	(7/05-7/11)	36	204	240	25.0	75.0	28,618	86,012	114,630
29	(7/12-7/18)	90	150	240	44.7	55.3	39,278	48,581	87,859
30	(7/19-7/25)	132	108	240	55.0	45.0	14,906	12,195	27,101
31	(7/26-8/01)	0	0	0	55.0	45.0	4,758	3,893	8,650 ^b
Total		310	917	1,227	29.7	70.3	97,947	231,453	329,400

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Sex composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Postseason estimate.

Table 20. Estimated age composition of Bear River sockeye escapement by week, 1995.^a

Week	Sample Size		Ages								Total
			1.1	1.2	2.1	1.3	2.2	1.4	2.3	2.4	
23 (5/31-6/06)	0	Percent	0.2	4.7	3.4	0.7	53.4	0.5	34.2	2.9	100.0
		Numbers	0	4	3	1	45	0	29	2	85
24 (6/07-6/13)	0	Percent	0.2	4.7	3.4	0.7	53.4	0.5	34.2	2.9	100.0
		Numbers	1	31	22	4	355	3	228	19	665
25 (6/14-6/20)	0	Percent	0.2	4.7	3.4	0.7	53.4	0.5	34.2	2.9	100.0
		Numbers	7	155	111	22	1,754	15	1,125	96	3,286
26 (6/21-6/27)	444	Percent	0.1	5.7	5.3	0.4	56.8	0.3	29.0	2.5	100.0
		Numbers	41	1,821	1,707	122	18,139	81	9,264	786	31,959
27 (6/28-7/04)	216	Percent	0.0	4.7	7.6	0.2	45.6	0.0	40.5	1.4	100.0
		Numbers	1	1,996	3,196	67	19,171	2	17,030	588	42,053
28 (7/05-7/11)	221	Percent	0.0	1.2	9.1	0.4	20.8	0.0	67.9	0.6	100.0
		Numbers	13	638	4,754	212	10,868	0	35,499	299	52,283
29 (7/12-7/18)	225	Percent	0.3	2.4	32.7	0.3	42.5	0.0	21.9	0.0	100.0
		Numbers	58	531	7,271	59	9,468	0	4,871	1	22,259
30 (7/19-7/25)	225	Percent	0.0	2.2	19.6	0.3	53.6	0.6	23.6	0.1	100.0
		Numbers	0	234	2,044	35	5,591	58	2,461	12	10,434
31 (7/26-8/01)	219	Percent	0.0	0.9	9.8	1.4	48.6	1.9	37.1	0.3	100.0
		Numbers	0	543	5,715	795	28,379	1,083	21,678	184	58,378
32 (8/02-8/08)	217	Percent	0.0	0.9	11.2	1.3	47.7	1.1	37.8	0.1	100.0
		Numbers	6	114	1,459	168	6,223	137	4,941	10	13,057
33 (8/09-8/15)	218	Percent	0.3	0.5	11.0	0.5	65.5	0.0	22.0	0.1	100.0
		Numbers	37	59	1,210	56	7,239	5	2,434	6	11,046
34 (8/16-8/22)	431	Percent	0.0	0.7	16.0	0.5	69.8	0.0	12.9	0.2	100.0
		Numbers	6	118	2,768	80	12,098	0	2,236	37	17,344
35 (8/23-8/29)	0	Percent	0.0	0.7	16.5	0.5	70.1	0.0	12.1	0.2	100.0
		Numbers	0	182	4,308	121	18,324	0	3,155	61	26,151 ^b

-Continued-

Table 20. (page 2 of 2)

Week	Sample Size		Ages								Total
			1.1	1.2	2.1	1.3	2.2	1.4	2.3	2.4	
36 (8/30-9/05)	0	Percent	0.0	0.7	16.5	0.5	70.1	0.0	12.1	0.2	100.0
		Numbers	0	84	1,977	56	8,408	0	1,448	28	12,000 ^c
37 (9/06-9/12)	0	Percent	0.0	0.7	16.5	0.5	70.1	0.0	12.1	0.2	100.0
		Numbers	0	28	659	19	2,803	0	483	9	4,000 ^c
Total	2,416	Percent	0.1	2.1	12.2	0.6	48.8	0.5	35.0	0.7	100.0
		Numbers	170	6,538	37,204	1,817	148,865	1,384	106,882	2,138	305,000

- ^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.
- ^b Includes postseason estimate of 10,312 fish.
- ^c Postseason estimate.

Table 21. Length composition of Bear River sockeye escapement samples by age and sex, weeks 26 through 34, 1995.

	Ages								Total
	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	
Females									
Mean Length	0	457	534	598	347	472	548	583	503
SE		8	13	14	11	1	1	16	2
Range	0-0	420-554	475-580	570-635	320-380	330-585	425-615	565-615	320-635
Sample Size	0	18	7	4	5	564	420	3	1,021
Males									
Mean Length	344	452	561	598	356	461	566	579	462
SE	8	5	17	6	1	1	2	7	2
Range	332-360	400-543	500-617	585-615	300-525	330-610	400-640	512-625	300-640
Sample Size	3	37	7	5	318	682	304	17	1,373
All Fish									
Mean Length	344	455	547	598	356	466	555	580	480
SE	8	5	11	6	1	1	1	6	1
Range	332-360	400-554	475-617	570-635	300-525	330-610	400-640	512-625	300-640
Sample Size	3	56	14	9	325	1,254	732	20	2,413

Table 22. Estimated sex composition of Bear River sockeye escapement by week, 1995.

Week	Dates	Sample			Percent ^a		Escapement		
		Females	Males	Total	Females	Males	Numbers		
							Females	Males	Total
23	(5/31-6/06)	0	0	0	31.8	68.2	27	58	85
24	(6/07-6/13)	0	0	0	31.7	68.3	211	454	665
25	(6/14-6/20)	0	0	0	31.8	68.2	1,045	2,241	3,286
26	(6/21-6/27)	152	326	478	33.4	66.6	10,668	21,291	31,959
27	(6/28-7/04)	85	155	240	44.4	55.6	18,677	23,376	42,053
28	(7/05-7/11)	150	90	240	57.7	42.3	30,180	22,103	52,283
29	(7/12-7/18)	64	176	240	32.7	67.3	7,272	14,987	22,259
30	(7/19-7/25)	98	142	240	42.5	57.5	4,430	6,004	10,434
31	(7/26-8/01)	114	126	240	47.8	52.2	27,894	30,484	58,378
32	(8/02-8/08)	107	113	220	48.3	51.7	6,312	6,745	13,057
33	(8/09-8/15)	113	125	238	47.5	52.5	5,252	5,794	11,046
34	(8/16-8/22)	228	252	480	47.5	52.5	8,238	9,106	17,344
35	(8/23-8/29)	0	0	0	47.5	52.5	12,422	13,729	26,151 ^b
36	(8/30-9/05)	0	0	0	47.5	52.5	5,700	6,300	12,000 ^c
37	(9/06-9/12)	0	0	0	47.5	52.5	1,900	2,100	4,000 ^c
Total		1,111	1,505	2,616	46.0	54.0	140,228	164,772	305,000

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Sex composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes postseason estimate of 10,312 fish.

^c Postseason estimate.

Table 23. Estimated age composition of Sandy River sockeye escapement by week, 1995.^a

Week	Sample Size		Ages						Total	
			0.2	1.1	0.3	1.2	1.3	2.2		2.3
23 (5/31-6/06)	0	Percent	0.2	1.2	0.0	26.3	68.0	3.6	0.7	100.0
		Numbers	0	0	0	2	6	0	0	9
24 (6/07-6/13)	0	Percent	0.2	1.2	0.0	26.3	68.0	3.6	0.7	100.0
		Numbers	0	1	0	22	58	3	1	85
25 (6/14-6/20)	0	Percent	0.2	1.2	0.0	26.3	68.0	3.6	0.7	100.0
		Numbers	9	47	0	1,053	2,724	142	28	4,005
26 (6/21-6/27)	422	Percent	0.3	2.0	0.0	31.6	61.6	3.9	0.6	100.0
		Numbers	95	643	0	9,971	19,438	1,218	202	31,566
27 (6/28-7/04)	217	Percent	0.7	3.6	0.0	33.3	58.6	3.1	0.7	100.0
		Numbers	280	1,414	0	13,242	23,288	1,248	283	39,754
28 (7/05-7/11)	202	Percent	1.0	3.4	0.0	23.8	69.3	1.6	1.0	100.0
		Numbers	330	1,139	0	8,003	23,321	524	330	33,646
29 (7/12-7/18)	214	Percent	0.7	5.3	0.2	42.8	47.5	2.8	0.7	100.0
		Numbers	80	614	23	4,926	5,465	317	80	11,505
30 (7/19-7/25)	130	Percent	0.0	6.2	0.8	63.1	24.6	5.4	0.0	100.0
		Numbers	0	261	33	2,671	1,042	228	0	4,235
31 (7/26-8/01)	0	Percent	0.0	6.2	0.8	63.1	24.6	5.4	0.0	100.0
		Numbers	0	12	2	123	48	11	0	195
Total	1,185	Percent	0.6	3.3	0.0	32.0	60.3	3.0	0.7	100.0
		Numbers	794	4,131	58	40,013	75,390	3,691	924	125,000

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 24. Length composition of Sandy River sockeye escapement samples by age and sex, weeks 26 through 30, 1995.

	Ages						Total	
	0.2	0.3	1.1	1.2	1.3	2.2		2.3
Females								
Mean Length	0	0	341	471	532	470	542	516
SE			3	3	1	8	6	2
Range	0-0	0-0	335-345	312-582	342-590	428-518	527-560	312-590
Sample Size	0	0	3	125	433	11	5	577
Males								
Mean Length	419	503	331	447	546	457	579	481
SE	5		7	2	3	8	14	3
Range	408-440	503-503	298-535	311-614	322-620	401-575	553-600	298-620
Sample Size	6	1	36	285	249	28	3	608
All Fish								
Mean Length	419	503	332	454	537	461	556	499
SE	5		6	2	1	6	9	2
Range	408-440	503-503	298-535	311-614	322-620	401-575	527-600	298-620
Sample Size	6	1	39	410	682	39	8	1,185

Table 25. Estimated sex composition of Sandy River sockeye escapement by week, 1995.

Week	Dates	Escapement							
		Sample			Percent ^a		Numbers		
		Females	Males	Total	Females	Males	Females	Males	Total
23	(5/31-6/06)	0	0	0	55.6	44.4	5	4	9
24	(6/07-6/13)	0	0	0	51.8	48.2	44	41	85
25	(6/14-6/20)	0	0	0	52.1	47.9	2,086	1,919	4,005
26	(6/21-6/27)	250	230	480	50.2	49.8	15,836	15,730	31,566
27	(6/28-7/04)	109	131	240	47.3	52.7	18,787	20,967	39,754
28	(7/05-7/11)	118	122	240	48.8	51.2	16,435	17,211	33,646
29	(7/12-7/18)	114	126	240	46.7	53.3	5,374	6,131	11,505
30	(7/19-7/25)	65	82	147	44.2	55.8	1,873	2,362	4,235
31	(7/26-8/01)	0	0	0	44.1	55.9	86	109	195
Total		656	691	1,347	48.4	51.6	60,526	64,474	125,000

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Sex composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 26. Estimated age composition of Ilnik Lagoon sockeye escapement by week, 1995.^a

Week	Sample Size		Ages								Total
			0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	
23 (5/31-6/06)	0	Percent	1.8	18.2	10.9	1.8	49.1	1.8	3.6	12.7	100.0
		Numbers	5	50	30	5	135	5	10	35	275
24 (6/07-6/13)	0	Percent	1.8	18.2	10.9	1.8	49.1	1.8	3.6	12.7	100.0
		Numbers	35	349	210	35	944	35	70	245	1,922
25 (6/14-6/20)	55	Percent	1.5	16.6	12.0	1.6	52.3	1.8	3.3	11.0	100.0
		Numbers	37	415	300	39	1,306	45	82	274	2,498
26 (6/21-6/27)	184	Percent	0.8	11.1	16.2	0.7	63.9	1.6	1.8	4.0	100.0
		Numbers	47	697	1,016	46	4,015	102	111	249	6,284
27 (6/28-7/04)	68	Percent	4.6	14.5	14.0	1.5	60.3	1.2	1.2	2.7	100.0
		Numbers	623	1,984	1,909	203	8,243	164	164	372	13,662
28 (7/05-7/11)	58	Percent	1.9	11.0	11.7	1.6	70.7	0.5	0.5	2.1	100.0
		Numbers	119	700	745	104	4,486	30	30	134	6,348
29 (7/12-7/18)	0	Percent	0.0	8.6	10.3	1.7	77.6	0.0	0.0	1.7	100.0
		Numbers	0	610	731	122	5,486	0	0	122	7,071
30 (7/19-7/25)	0	Percent	0.0	8.6	10.3	1.7	77.6	0.0	0.0	1.7	100.0
		Numbers	0	81	97	16	729	0	0	16	940
Total	365	Percent	2.2	12.5	12.9	1.5	65.0	1.0	1.2	3.7	100.0
		Numbers	866	4,886	5,038	570	25,344	381	467	1,447	39,000

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 27. Length composition of Ilnik Lagoon sockeye escapement samples by age and sex, weeks 25 through 28, 1995.

	Ages							Total	
	0.2	0.3	0.4	1.2	1.3	1.4	2.2		2.3
Females									
Mean Length	423	527	595	462	539	555	509	537	527
SE	13	5		9	2	25	32	7	3
Range	410-436	445-560	595-595	363-562	455-590	530-580	478-541	505-574	363-595
Sample Size	2	20	1	22	127	2	2	11	187
Males									
Mean Length	411	561	607	488	570	625	505	580	553
SE	4	5	6	9	3	19	8	8	4
Range	405-420	478-617	595-615	398-585	475-620	587-665	497-513	552-597	398-665
Sample Size	3	24	3	31	100	4	2	5	172
All Fish									
Mean Length	416	545	604	477	552	602	503	551	539
SE	6	5	5	7	2	20	11	7	2
Range	405-436	445-617	595-615	363-585	455-620	530-665	478-541	505-597	363-665
Sample Size	5	44	4	53	232	6	5	16	365

Table 28. Estimated sex composition of Ilnik Lagoon sockeye escapement by week, 1995.

Week	Dates	Escapement							
		Sample			Percent ^a		Numbers		
		Females	Males	Total	Females	Males	Females	Males	Total
23	(5/31-6/06)	0	0	0	51.6	48.4	142	133	275
24	(6/07-6/13)	0	0	0	51.6	48.4	991	931	1,922
25	(6/14-6/20)	33	31	64	50.9	49.1	1,272	1,226	2,498
26	(6/21-6/27)	111	120	231	49.6	50.4	3,115	3,169	6,284
27	(6/28-7/04)	48	32	80	58.2	41.8	7,953	5,709	13,662
28	(7/05-7/11)	37	33	70	55.1	44.9	3,500	2,848	6,348
29	(7/12-7/18)	0	0	0	52.9	47.1	3,738	3,333	7,071
30	(7/19-7/25)	0	0	0	52.9	47.1	497	443	940
Total		229	216	445	54.4	45.6	21,206	17,794	39,000

^a Percents are figured on escapement after rounding, not on samples. Sample sizes are for the indicated week. Sex composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 29. Age composition of Bear Lake sockeye smolt samples by week, 1995.

Week	Dates	Sample Size	Age Composition (%)				Total
			0	1	2	3	
25	(6/14-6/20)	199	0.0	4.0	95.9	0.0	100.0
26	(6/21-6/27)	198	0.0	2.0	97.4	0.5	100.0
27	(6/28-7/04)	198	0.5	14.6	84.8	0.0	100.0
28	(7/05-7/11)	151	0.0	14.5	85.4	0.0	100.0
29	(7/12-7/18)	200	0.0	19.0	81.0	0.0	100.0
30	(7/19-7/25)	75	0.0	29.3	70.6	0.0	100.0
Total		1,021	0.0	12.0	87.7	0.0	100.0

Table 30. Mean length, weight, and condition factor of Bear Lake sockeye smolt samples by age and week, 1995.

Age	Week	Dates	Length (mm)			Weight (g)			Condition		
			Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error
0	27	(6/28-7/04)	1	83.0		1	3.9		1	0.69	
	Total		1	83.0		1	3.9		1	0.69	
1	25	(6/14-6/20)	8	95.5	0.8	8	9.0	0.4	8	1.03	0.03
1	26	(6/21-6/27)	4	99.0	2.5	4	9.0	1.0	4	0.92	0.06
1	27	(6/28-7/04)	29	97.8	1.3	29	8.6	0.3	29	0.92	0.02
1	28	(7/05-7/11)	22	105.7	1.1	22	10.9	0.4	22	0.92	0.02
1	29	(7/12-7/18)	38	111.7	1.2	38	14.2	0.4	38	1.01	0.01
1	30	(7/19-7/25)	22	107.2	2.6	22	12.8	0.8	22	1.02	0.02
	Total		123	105.1	0.9	123	11.5	0.3	123	0.97	0.01
2	25	(6/14-6/20)	191	111.0	0.4	191	13.6	0.1	191	0.99	0.01
2	26	(6/21-6/27)	193	116.7	0.4	193	14.9	0.1	193	0.94	0.01
2	27	(6/28-7/04)	168	108.7	0.6	167	11.9	0.2	167	0.92	0.01
2	28	(7/05-7/11)	129	112.1	0.5	129	13.4	0.2	129	0.95	0.01
2	29	(7/12-7/18)	162	113.4	0.7	160	14.8	0.2	160	1.02	0.01
2	30	(7/19-7/25)	52	109.2	1.2	53	13.4	0.4	52	1.02	0.01
	Total		895	112.3	0.3	893	13.7	0.1	892	0.97	0.01
3	26	(6/21-6/27)	1	135.0		1	21.3		1	0.87	
	Total		1	135.0		1	21.3		1	0.87	

Table 31. Age composition of Orzinski Lake sockeye smolt samples by week, 1995.

Week	Dates	Sample Size	Age Composition (%)				Total
			0	1	2	3	
24	(6/07-6/13)	47	0.0	91.4	8.5	0.0	100.0
25	(6/14-6/20)	29	0.0	96.5	3.4	0.0	100.0
27	(6/28-7/04)	122	0.0	98.3	1.6	0.0	100.0
Total		198	0.0	96.4	3.5	0.0	100.0

Table 32. Mean length, weight, and condition factor of Orzinski Lake sockeye smolt samples by age and week, 1995.

Age	Week	Dates	Length (mm)			Weight (g)			Condition		
			Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error
1	24	(6/07-6/13)	43	90.1	1.4	43	7.1	0.3	43	0.95	0.01
1	25	(6/14-6/20)	28	87.1	1.5	27	6.5	0.4	27	0.97	0.02
1	27	(6/28-7/04)	120	85.7	0.5	120	6.6	0.1	120	1.04	0.01
	Total		191	86.9	0.5	190	6.7	0.1	190	1.01	0.01
2	24	(6/07-6/13)	4	100.8	0.8	4	10.4	0.5	4	1.02	0.05
2	25	(6/14-6/20)	1	101.0		1	9.6		1	0.94	
2	27	(6/28-7/04)	2	93.0	11.0	2	8.1	2.5	2	0.97	0.03
	Total		7	98.6	2.8	7	9.6	0.7	7	1.00	0.03

Table 33. Age composition of Sandy Lake sockeye smolt samples by week, 1995.

Week	Dates	Sample Size	Age Composition (%)				Total
			0	1	2	3	
26	(6/21-6/27)	13	0.0	100.0	0.0	0.0	100.0
27	(6/28-7/04)	150	0.0	100.0	0.0	0.0	100.0
Total		163	0.0	100.0	0.0	0.0	100.0

Table 34. Mean length, weight, and condition factor of Sandy Lake sockeye smolt samples by age and week, 1995.

Age	Week	Dates	Length (mm)			Weight (g)			Condition		
			Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error
1	26	(6/21-6/27)	13	104.5	0.8	13	11.8	0.2	13	1.04	0.03
1	27	(6/28-7/04)	150	102.5	0.3	150	10.9	0.1	150	1.01	0.01
Total			163	102.7	0.3	163	11.0	0.1	163	1.02	0.01

Table 35. Salmon harvest in numbers of fish by statistical area, section, and district, Alaska Peninsula and Aleutian Islands Management Areas, 1995.

Stat. Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
SOUTH PENINSULA							
Southeastern District							
281-15	Kupreanof Point	69	27,920	13,958	158,595	15,908	216,450
281-25	Island & Fox Bays	<u>103</u>	<u>144,533</u>	<u>16,010</u>	<u>167,029</u>	<u>30,572</u>	<u>358,247</u>
East Stepovak Section Total		172	172,453	29,968	325,624	46,480	574,697
281-30	Stepovak Flats Section	9	2,112	0	5,908	13,429	21,458
281-40	Grub Gulch/Clark Bay	16	11,492	748	146,036	17,531	175,823
281-50	Orzinski Bay	5	62,220	60	18,738	3,802	84,825
281-55	American Bay	3	13,823	767	19,212	3,831	37,636
281-60	Blunt Pt. to Dorenoi Bay	<u>11</u>	<u>17,371</u>	<u>972</u>	<u>389,849</u>	<u>23,492</u>	<u>431,695</u>
Northwest Stepovak Section Total		35	104,906	2,547	573,835	48,656	729,979
281-70	Southwest Stepovak Section	176	56,309	9,273	510,921	27,81	604,550
281-80	Balboa Bay Section	88	58,226	6,443	649,533	48,756	763,046
281-90	Beaver Bay Section	18	5,469	316	46,719	1,784	54,306
Southeastern Dist. Mainland Total		498	399,475	48,547	2,112,540	186,976	2,748,036
282-10	Popof Strait/Squaw Harbor	27	29,093	2,388	679,479	6,435	717,422
282-11	Unga Cape/East Popof	6,300	495,237	116,584	2,855,586	334,261	3,807,968
282-20	Acheredin Bay	31	55,848	1,230	81,700	9,106	147,915
282-25	West Unga Island	48	86,172	4,757	414,293	28,995	534,265
282-30	Bay Point	2	1,452	10	51,396	2,237	55,097
282-35	Zachary Bay	15	3,197	197	642,227	12,921	658,557
282-40	East Head/West Head	3	2,752	342	3,003	617	6,717
282-42	Korovin Island	1,978	201,886	31,388	235,941	89,726	560,919
282-65	Southeast Nagai	331	7,864	1,116	57,028	2,046	68,385
282-70	Southwest Nagai	51	69,001	6,731	353,917	15,760	445,460
282-75	Cape Horn/Porpoise Rocks	5	2,399	96	847	541	3,888
282-80	East Nagai Strait	<u>2</u>	<u>397</u>	<u>0</u>	<u>0</u>	<u>426</u>	<u>825</u>
Shumagin Islands Section Total		8,793	955,298	164,839	5,375,417	503,071	7,007,418
SOUTHEASTERN DISTRICT TOTAL		9,291	1,354,773	213,386	7,487,957	690,047	9,755,454
South Central District							
283-15	Mino Creek	0	1,200	45	6,440	75	7,760
283-17	Coal Bay	<u>7</u>	<u>36,580</u>	<u>750</u>	<u>1,232,297</u>	<u>14,950</u>	<u>1,284,584</u>
Mino Cr.-Little Coal B. Sect. Total		7	37,780	795	1,238,737	15,025	1,292,344
283-21	Northside Cape Tolstoi	0	2,140	17	51,097	3,443	56,697
283-23	Eastside Pavlof Bay	<u>11</u>	<u>19,072</u>	<u>821</u>	<u>1,265,246</u>	<u>20,541</u>	<u>1,305,691</u>
East Pavlof Bay Section Total		11	21,212	838	1,316,343	23,984	1,362,388

-Continued-

Table 35. (page 2 of 3)

Stat. Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
SOUTH PENINSULA (Cont.)							
283-24	Canoe Bay Section	13	612	43	965,115	117,611	1,083,394
283-25	Northwest Pavlof Bay	0	317	0	115	6,423	6,855
283-26	Long Beach/Ukolnoi	<u>10</u>	<u>7,957</u>	<u>1,435</u>	<u>404,879</u>	<u>13,784</u>	<u>428,065</u>
West Pavlof Bay Section Total		10	8,274	1,435	404,994	20,207	434,920
SOUTH CENTRAL DISTRICT TOTAL		41	67,878	3,111	3,925,189	176,827	4,173,046
Southwestern District							
284-36	Volcano Bay	0	588	115	260,183	236,598	497,484
284-37	Northside Dolgoi Island	19	42,460	6,494	210,676	15,439	275,088
284-38	South Dolgoi/Moss Cape	<u>75</u>	<u>22,562</u>	<u>3,017</u>	<u>1,093,544</u>	<u>19,394</u>	<u>1,138,592</u>
Volcano Bay Section Total		94	65,610	9,626	1,564,403	271,431	1,911,164
284-42	Belkofski Bay	8	6,732	257	874,831	38,084	919,912
284-45	King Cove	<u>1</u>	<u>3,893</u>	<u>82</u>	<u>199,704</u>	<u>7,777</u>	<u>211,457</u>
Belkofski Bay Section Total		9	10,625	339	1,074,535	45,861	1,131,369
284-55 Deer Island Section		6	7,974	261	1,966,737	13,243	1,988,221
284-62	Outer Cold Bay	0	2,519	28	2,274	4,066	8,887
284-65	Lenard Harbor	0	5	0	81,974	39,476	121,507
284-67	Inner Cold Bay	<u>0</u>	<u>106</u>	<u>2</u>	<u>5,121</u>	<u>91,687</u>	<u>96,916</u>
Cold Bay Section Total		0	2,682	30	89,369	135,229	227,310
284-75	Thin Point Section	0	19,828	3,909	13,819	15,127	52,683
284-80	Morzhovoi Bay Section	117	12,660	791	11,118	7,886	32,572
284-90	Ikatan Bay Section	1,558	206,376	27,396	62,810	62,542	354,263
SOUTHWESTERN DISTRICT TOTAL		1,784	327,755	42,352	4,774,104	551,587	5,697,582
Unimak District							
285-10	Sanak Island Section	0	98	0	0	0	98
285-20	Bird Island	907	269,624	347	8,890	71,155	350,923
285-30	Cape Lazaref	<u>918</u>	<u>225,234</u>	<u>198</u>	<u>22,523</u>	<u>67,659</u>	<u>316,532</u>
Otter Cove Section Total		1,825	494,858	545	31,413	138,814	667,455
285-40	Cape Lutke Section	4,444	793,216	3,899	74,898	166,445	1,042,902
UNIMAK DISTRICT TOTAL		6,269	1,288,172	4,444	106,311	305,259	1,710,455
SOUTH PENINSULA TOTAL		17,385	3,038,578	263,293	16,293,561	1,723,720	21,336,537

-Continued-

Table 35. (page 3 of 3)

Stat. Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
NORTH PENINSULA							
Northwestern District							
311-32	Urillia Bay Section	7	12,829	2,201	1,007	14	16,058
311-52	Swanson Lagoon Section	1	5,134	1,755	308	2,696	9,894
311-60	Bechevin Bay Section	0	2	0	62	14,917	14,981
312-40	Moffet Bay (Izembek-Moffet Bay Section Total)	2	7,269	1,681	7	9,078	18,037
NORTHWESTERN DISTRICT TOTAL		10	25,234	5,637	1,384	26,705	58,970
Northern District							
313-10	Black Hills Section	8	3,569	0	12	257	3,846
313-30	Nelson Lagoon Section	3,488	448,281	44,118	78	4,583	500,548
314-20	Herendeen-Moller Bay Section Total	0	4	0	0	2,120	2,124
314-12	Port Moller Bight Section	14	5,933	58	78	379	6,462
315-11	Bear River	792	1,083,691	9,408	4,686	29,949	1,128,526
315-20	Muddy River	70	452,357	6,094	1,890	6,988	467,399
Bear River Section Total		862	1,536,048	15,502	6,576	36,937	1,595,925
316-10	Three Hills Section	444	931,168	9,548	2,220	14,160	957,540
316-20	Outside Ilnik	66	173,242	4,767	918	8,279	187,272
316-22	Ilnik Lagoon	11	2,291	3,021	0	0	5,323
316-25	Strogonof Point	72	144,940	4,823	905	5,715	156,455
Ilnik Section Total		149	320,473	12,611	1,823	13,994	349,050
317-20	Inner Port Heiden Sect.	2,261	768	12,115	0	109	15,253
318-20	Cinder River Section	335	1,280	36,050	0	50	37,715
NORTHERN DISTRICT TOTAL		7,561	3,247,524	130,002	10,787	72,589	3,468,463
NORTH PENINSULA TOTAL		7,571	3,272,758	135,639	12,171	99,294	3,527,433
ALASKA PENINSULA AREA TOTAL		24,956	6,311,336	398,932	16,305,732	1,823,014	24,863,970
ALASKA PENINSULA-ALEUTIAN IS. AND ATKA-AMLIA IS. AREA TOTAL		24,956	6,311,336	398,932	16,305,732	1,823,014	24,863,970

Table 36. Estimated age composition of selected chinook catches by area, Alaska Peninsula Management Area, 1995.

Area	Dates	Sample Size	Ages					Total	
			1.2	1.3	2.2	1.4	1.5		
NORTH PENINSULA									
Nelson Lagoon									
	5/31-8/29	587	Percent	18.9	5.0	0.0	65.3	10.8	99.9
			Numbers	658	174	0	2,278	376	3,488
Harbor Point to Cape Seniavin									
	6/07-6/13	123	Percent	54.5	8.9	0.8	30.9	4.9	100.0
			Numbers	54	9	1	31	5	99

Table 37. Estimated age composition of chinook catches from Nelson Lagoon by week, 1995.^a

Week	Sample Size		Ages				Total
			1.2	1.3	1.4	1.5	
23 (5/31-6/06)	0	Percent	0.0	0.0	80.0	20.0	100.0
		Numbers	0	0	110	27	137
24 (6/07-6/13)	20	Percent	1.3	0.2	78.9	19.5	100.0
		Numbers	12	2	721	179	914
25 (6/14-6/20)	132	Percent	31.1	5.7	54.3	9.0	100.0
		Numbers	155	28	271	45	499
26 (6/21-6/27)	435	Percent	27.5	7.3	58.6	6.6	100.0
		Numbers	275	74	587	66	1,001
27-35 (6/28-8/29)	0	Percent	23.2	7.6	62.8	6.4	100.0
		Numbers	216	70	589	59	937
Total	587	Percent	18.9	5.0	65.3	10.8	99.9
		Numbers	658	174	2,278	376	3,488

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 38. Estimated age composition of chinook catches from Harbor Point to Cape Seniavin, week 24, 1995.

Week	Sample Size	Ages					Total	
		1.2	1.3	2.2	1.4	1.5		
24 (6/07-6/13)	123	Percent Numbers	54.5 54	8.9 9	0.8 1	30.9 31	4.9 5	100.0 99
Total	123	Percent Numbers	54.5 54	8.9 9	0.8 1	30.9 31	4.9 5	100.0 99

Table 39. Estimated age composition of sockeye catches by area, Alaska Peninsula Management Area, 1995.

Area Dates	Sample Size	Ages													Total	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3		
SOUTH PENINSULA																
Southeastern District Mainland																
7/26-8/15	1,576	Percent	0.0	0.0	0.2	3.8	0.0	0.0	64.1	8.8	0.3	22.6	0.1	0.0	0.1	100.0
		Numbers	0	0	228	4,869	0	0	82,948	11,346	441	29,279	185	0	185	129,480
Orzinski Bay																
7/05-9/12	668	Percent	0.0	0.0	0.0	2.4	0.0	0.0	71.5	10.4	0.4	15.1	0.0	0.2	0.0	100.0
		Numbers	0	0	0	1,499	0	0	44,497	6,450	257	9,391	0	128	0	62,220
Shumagin Islands Section June																
5/31-6/30	975	Percent	0.3	0.0	1.5	16.3	0.1	0.0	27.3	41.9	0.1	12.4	0.2	0.0	0.0	100.0
		Numbers	2,023	0	9,913	108,237	506	0	181,151	277,575	506	82,335	1,012	0	0	663,256
Shumagin Islands Section post June																
7/05-8/29	1,920	Percent	0.1	0.1	0.6	8.6	0.1	0.0	60.4	12.9	0.3	16.4	0.3	0.0	0.1	100.0
		Numbers	201	223	1,750	23,914	223	0	167,804	35,904	816	45,526	949	0	364	277,677
Cape Tolstoi																
7/19-8/15	770	Percent	0.0	0.1	0.0	7.5	0.0	0.0	72.0	6.2	1.3	12.7	0.0	0.2	0.0	100.0
		Numbers	0	35	0	2,744	0	0	26,343	2,281	469	4,640	0	69	0	36,580
Pavlof Bay																
7/05-8/15	366	Percent	0.0	0.0	0.3	5.2	0.0	0.0	70.5	9.6	1.9	12.6	0.0	0.0	0.0	100.0
		Numbers	0	0	81	1,531	0	0	20,785	2,820	564	3,706	0	0	0	29,486
Deer Island																
7/26-8/01	214	Percent	0.0	0.0	0.9	11.7	0.5	0.0	79.0	3.3	1.9	2.8	0.0	0.0	0.0	100.0
		Numbers	0	0	23	282	11	0	1,906	79	45	68	0	0	0	2,414
Cold Bay																
08/10/95 sample only	23	Percent	0.0	0.0	4.3	8.7	0.0	0.0	73.9	0.0	0.0	13.0	0.0	0.0	0.0	100.0
		Numbers	0	0	1	2	0	0	17	0	0	3	0	0	0	23
Ikatan Peninsula to Cape Lazaref June																
6/07-6/30	4,989	Percent	0.1	0.0	0.2	18.3	0.0	0.1	13.2	55.0	0.2	12.2	0.4	0.0	0.3	100.0
		Numbers	824	0	1,523	124,791	0	459	90,089	374,507	1,223	82,954	2,517	168	2,160	681,219
Ikatan Peninsula to Cape Lazaref post-June																
7/19-8/15	467	Percent	0.0	0.0	2.1	10.9	0.2	0.9	59.0	10.1	0.4	16.1	0.0	0.0	0.2	100.0
		Numbers	0	0	470	2,410	46	190	12,989	2,221	95	3,544	0	0	49	22,015
Cape Lutke																
6/07-7/04	2,838	Percent	0.2	0.0	0.2	20.8	0.0	0.0	11.2	56.9	0.1	9.7	0.5	0.1	0.3	100.0
		Numbers	1,304	0	1,795	159,112	0	340	85,247	434,246	1,142	73,934	3,525	464	2,107	763,216

-Continued-

Table 39. (page 2 of 2)

Area Dates	Sample Size	Ages													Total	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3		
NORTH PENINSULA																
Nelson Lagoon																
5/31-9/12	4,729	Percent	0.0	0.0	0.2	5.2	0.0	0.0	22.3	46.9	0.1	24.6	0.3	0.1	0.2	100.0
		Numbers	33	28	850	23,188	25	47	100,153	210,244	510	110,357	1,447	348	1,051	448,281
Harbor Point to Cape Seniavin																
5/24-6/30	390	Percent	0.0	0.0	0.0	1.5	0.0	0.0	34.2	6.0	0.0	56.8	0.0	1.5	0.0	100.0
		Numbers	0	0	4	1,334	0	0	30,627	5,344	3	50,780	0	1,351	1	89,443
Harbor Point to Strogonof Point																
5/24-9/12	12,235	Percent	0.0	0.0	0.3	6.1	0.0	0.0	14.4	42.6	0.4	35.5	0.1	0.3	0.3	100.0
		Numbers	198	0	7,058	170,978	1,124	1,313	402,770	1,190,874	10,919	991,488	1,809	7,273	7,817	2,793,622

Table 40. Estimated age composition of sockeye catches from Southeastern District Mainland, weeks 31 through 33, 1995.^a

Week	Sample Size		Ages								Total
			0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	
31	527	Percent	0.3	4.1	72.5	7.6	0.4	14.9	0.0	0.2	100.0
(7/26-8/01)		Numbers	216	2,773	49,495	5,194	282	10,183	0	130	68,273
32	519	Percent	0.0	5.3	60.0	7.7	0.5	26.2	0.1	0.2	100.0
(8/02-8/08)		Numbers	12	1,634	18,335	2,353	146	8,002	24	51	30,557
33	530	Percent	0.0	1.5	49.3	12.4	0.0	36.2	0.5	0.0	100.0
(8/09-8/15)		Numbers	0	462	15,118	3,799	13	11,094	161	4	30,650
Total	1,576	Percent	0.2	3.8	64.1	8.8	0.3	22.6	0.1	0.1	100.0
		Numbers	228	4,869	82,948	11,346	441	29,279	185	185	129,480

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 41. Estimated age composition of sockeye catches from Orzinski Bay by week, 1995.^a

Week	Sample Size		Ages						Total
			1.2	1.3	2.2	1.4	2.3	2.4	
28 (7/05-7/11)	0	Percent	2.0	70.0	10.4	0.5	16.8	0.2	100.0
		Numbers	205	7,242	1,075	51	1,740	26	10,338
29 (7/12-7/18)	0	Percent	2.0	70.0	10.4	0.5	16.8	0.2	100.0
		Numbers	486	17,199	2,552	122	4,133	61	24,552
30 (7/19-7/25)	404	Percent	2.1	70.4	10.4	0.5	16.4	0.2	100.0
		Numbers	295	9,940	1,466	67	2,313	33	14,114
31 (7/26-8/01)	264	Percent	3.8	76.2	10.3	0.1	9.6	0.1	100.0
		Numbers	428	8,643	1,166	17	1,084	8	11,347
32 (8/02-8/08)	0	Percent	4.5	78.8	10.2	0.0	6.4	0.0	100.0
		Numbers	30	514	67	0	42	0	653
33 (8/09-8/15)	0	Percent	4.5	78.8	10.2	0.0	6.4	0.0	100.0
		Numbers	36	621	81	0	51	0	788
34 (8/16-8/22)	0	Percent	4.5	78.8	10.2	0.0	6.4	0.0	100.0
		Numbers	10	180	23	0	15	0	228
37 (9/06-9/12)	0	Percent	4.5	78.8	10.2	0.0	6.4	0.0	100.0
		Numbers	9	158	20	0	13	0	200
Total	668	Percent	2.4	71.5	10.4	0.4	15.1	0.2	100.0
		Numbers	1,499	44,497	6,450	257	9,391	128	62,220

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 42. Estimated age composition of sockeye catches from Shumagin Islands Section by week, June, 1995.^a

Week	Sample Size		Ages									Total ^b
			0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	
23 (5/31-6/06)	0	Percent	0.5	0.5	20.4	0.1	10.8	58.4	0.1	9.0	0.2	100.0
		Numbers	7	7	290	2	154	832	2	128	3	1,424
24 (6/07-6/13)	0	Percent	0.5	0.5	20.4	0.1	10.8	58.4	0.1	9.0	0.2	100.0
		Numbers	179	179	7,834	45	4,163	22,471	45	3,447	90	38,452
25 (6/14-6/20)	859	Percent	0.4	0.7	19.5	0.1	14.3	54.9	0.1	9.7	0.2	100.0
		Numbers	1,274	2,014	57,605	319	42,205	162,159	319	28,601	637	295,133
26 (6/21-6/27)	0	Percent	0.2	2.2	13.4	0.0	39.3	29.8	0.0	14.9	0.1	100.0
		Numbers	562	6,666	39,830	140	116,828	88,791	140	44,383	281	297,621
27 (6/28-6/30)	116	Percent	0.0	3.4	8.7	0.0	58.1	10.8	0.0	18.9	0.0	100.0
		Numbers	1	1,047	2,678	0	17,801	3,322	0	5,776	1	30,626
Total	975	Percent Numbers	0.3 2,023	1.5 9,913	16.3 108,237	0.1 506	27.3 181,151	41.9 277,575	0.1 506	12.4 82,335	0.2 1,012	100.0 663,256

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes test fish catches.

Table 43. Estimated age composition of sockeye catches from Shumagin Islands Section by week, post June (through August), 1995.^a

Week	Sample Size		Ages										Total ^b	
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2		3.3
28 (7/05-7/11)	0	Percent Numbers	0.0 0	0.0 0	0.6 1	5.7 13	0.0 0	63.1 147	8.9 21	0.0 0	21.3 49	0.2 0	0.2 0	100.0 232
29 (7/12-7/18)	0	Percent Numbers	0.0 0	0.0 0	0.6 22	5.7 232	0.0 0	63.1 2,551	8.9 359	0.0 0	21.3 860	0.2 7	0.2 7	100.0 4,040
30 (7/19-7/25)	540	Percent Numbers	0.0 32	0.0 32	0.5 708	6.2 8,891	0.0 32	63.4 91,589	9.1 13,159	0.1 161	20.4 29,451	0.2 236	0.2 236	100.0 144,527
31 (7/26-8/01)	532	Percent Numbers	0.2 103	0.1 74	0.1 70	9.2 5,237	0.1 74	68.0 38,829	9.7 5,553	0.8 458	11.7 6,706	0.0 4	0.0 4	100.0 57,112
32 (8/02-8/08)	534	Percent Numbers	0.1 65	0.1 29	0.8 335	11.1 4,873	0.1 29	64.8 28,504	13.9 6,111	0.4 195	8.3 3,629	0.4 176	0.1 29	100.0 43,976
33 (8/09-8/15)	314	Percent Numbers	0.0 1	0.3 62	2.2 433	16.8 3,296	0.3 62	22.5 4,424	38.4 7,543	0.0 2	17.3 3,408	1.9 370	0.3 62	100.0 19,662
34 (8/16-8/22)	0	Percent Numbers	0.0 0	0.3 24	2.2 166	16.9 1,260	0.3 24	21.7 1,616	38.9 2,900	0.0 0	17.5 1,307	1.9 143	0.3 24	100.0 7,463
35 (8/23-8/29)	0	Percent Numbers	0.0 0	0.3 2	2.2 15	16.9 112	0.3 2	21.7 144	38.9 258	0.0 0	17.5 116	1.9 13	0.3 2	100.0 665
Total	1,920	Percent Numbers	0.1 201	0.1 223	0.6 1,750	8.6 23,914	0.1 223	60.4 167,804	12.9 35,904	0.3 816	16.4 45,526	0.3 949	0.1 364	100.0 277,677

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes test fish catches.

Table 44. Estimated age composition of sockeye catches from Cape Tolstoi by week, 1995.^a

Week	Sample Size		AGES						Total	
			1.1	1.2	1.3	2.2	1.4	2.3		2.4
30 (7/19-7/25)	0	Percent	0.0	7.8	72.6	5.6	1.3	12.5	0.2	100.0
		Numbers	0	1,054	9,783	753	176	1,681	25	13,471
31 (7/26-8/01)	537	Percent	0.1	7.7	73.2	6.1	1.3	11.4	0.2	100.0
		Numbers	16	1,471	13,916	1,159	250	2,158	31	19,002
32 (8/02-8/08)	140	Percent	0.6	7.2	77.2	9.5	1.4	4.0	0.0	100.0
		Numbers	18	204	2,182	267	40	114	1	2,826
33 (8/09-8/15)	93	Percent	0.1	1.2	36.1	7.9	0.2	53.6	0.9	100.0
		Numbers	1	15	462	102	3	687	12	1,281
Total	770	Percent	0.1	7.5	72.0	6.2	1.3	12.7	0.2	100.0
		Numbers	35	2,744	26,343	2,281	469	4,640	69	36,580

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 45. Estimated age composition of sockeye catches from Pavlof Bay weeks 28 through 33, 1995.

Week	Sample Size		Ages					Total	
			0.3	1.2	1.3	2.2	1.4		2.3
28-33 (7/05-8/15)	366	Percent Numbers	0.3 81	5.2 1,531	70.5 20,785	9.6 2,820	1.9 564	12.6 3,706	100.0 29,486
Total	366	Percent Numbers	0.3 81	5.2 1,531	70.5 20,785	9.6 2,820	1.9 564	12.6 3,706	100.0 29,486

Table 46. Estimated age composition of sockeye catches from Deer Island, week 31, 1995.

Week	Sample Size		Ages						Total	
			0.3	1.2	2.1	1.3	2.2	1.4		2.3
31 (7/26-8/01)	214	Percent	0.9	11.7	0.5	79.0	3.3	1.9	2.8	100.0
		Numbers	23	282	11	1,906	79	45	68	2,414
Total	214	Percent	0.9	11.7	0.5	79.0	3.3	1.9	2.8	100.0
		Numbers	23	282	11	1,906	79	45	68	2,414

Table 47. Age composition of Cold Bay sockeye catch samples by day, 1995.

Date		Ages				Total
		0.3	1.2	1.3	2.3	
08/10/95	Numbers	1	2	17	3	23
	Percent	4	9	74	13	
Total	Numbers	1	2	17	3	23
	Percent	4	9	74	13	

Table 48. Estimated age composition of sockeye catches from Ikatan Peninsula to Cape Lazaref by week, June, 1995.^a

Week	Sample Size		Ages										Total	
			0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4		3.3
24 (6/07-6/13)	558	Percent	0.0	0.4	13.4	0.0	15.2	55.9	0.2	13.4	0.4	0.0	1.1	100.0
		Numbers	0	137	5,129	0	5,813	21,338	68	5,129	137	0	410	38,163
25 (6/14-6/20)	1,328	Percent	0.1	0.2	16.6	0.1	14.0	53.6	0.3	14.2	0.3	0.1	0.4	100.0
		Numbers	329	551	45,254	304	38,348	146,444	844	38,881	750	147	1,213	273,066
26 (6/21-6/27)	2,613	Percent	0.1	0.2	20.1	0.0	12.5	55.9	0.1	10.4	0.4	0.0	0.1	100.0
		Numbers	491	829	71,673	154	44,621	199,216	288	37,265	1,596	21	533	356,687
27 (6/28-6/30)	490	Percent	0.0	0.0	20.6	0.0	9.8	56.4	0.2	12.6	0.3	0.0	0.0	100.0
		Numbers	4	6	2,735	1	1,307	7,509	23	1,679	34	0	4	13,303
Total	4,989	Percent	0.1	0.2	18.3	0.1	13.2	55.0	0.2	12.2	0.4	0.0	0.3	100.0
		Numbers	824	1,523	124,791	459	90,089	374,507	1,223	82,954	2,517	168	2,160	681,219

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 49. Estimated age composition of sockeye catches from Ikatan Peninsula to Cape Lazaref by week, post-June, 1995.^a

Week	Sample Size		Ages								Total	
			0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3		3.3
30 (7/19-7/25)	191	Percent Numbers	2.1 279	11.5 1,516	0.1 14	1.0 126	57.3 7,557	10.5 1,391	0.5 63	16.7 2,201	0.4 49	100.0 13,196
31 (7/26-8/01)	276	Percent Numbers	2.2 124	10.1 580	0.4 21	0.7 41	61.6 3,524	9.4 539	0.4 21	15.2 871	0.0 0	100.0 5,721
32 (8/02-8/08)	0	Percent Numbers	2.2 62	10.1 291	0.4 10	0.7 21	61.6 1,768	9.4 270	0.4 10	15.2 437	0.0 0	100.0 2,871
33 (8/09-8/15)	0	Percent Numbers	2.2 5	10.1 23	0.4 1	0.7 2	61.6 140	9.4 21	0.4 1	15.2 35	0.0 0	100.0 227
Total	467	Percent Numbers	2.1 470	10.9 2,410	0.2 46	0.9 190	59.0 12,989	10.1 2,221	0.4 95	16.1 3,544	0.2 49	100.0 22,015

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 50. Estimated age composition of sockeye catches from Cape Lutke by week, 1995.^a

Week	Sample Size		Ages										Total ^b	
			0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4		3.3
24 (6/07-6/13)	363	Percent	0.3	0.0	16.5	0.3	13.5	55.6	0.6	12.4	0.3	0.0	0.6	100.0
		Numbers	271	0	16,241	271	13,263	54,677	541	12,181	271	0	541	98,257
25 (6/14-6/20)	493	Percent	0.3	0.4	16.9	0.0	15.5	53.6	0.1	12.2	0.5	0.0	0.4	100.0
		Numbers	574	791	31,759	69	29,110	100,476	181	22,927	991	44	687	187,609
26 (6/21-6/27)	1,982	Percent	0.1	0.2	23.1	0.0	9.2	58.3	0.1	8.3	0.5	0.1	0.2	100.0
		Numbers	430	916	96,819	0	38,510	244,504	361	34,609	1,999	361	791	419,301
27 (6/28-7/04)	0	Percent	0.1	0.2	24.6	0.0	7.5	59.6	0.1	7.3	0.5	0.1	0.2	100.0
		Numbers	29	88	14,293	0	4,364	34,589	59	4,217	264	59	88	58,049
Total	2,838	Percent Numbers	0.2 1,304	0.2 1,795	20.8 159,112	0.0 340	11.2 85,247	56.9 434,246	0.1 1,142	9.7 73,934	0.5 3,525	0.1 464	0.3 2,107	100.0 763,216

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes test fish catches.

Table 51. Estimated age composition of sockeye catches from Nelson Lagoon by week, 1995.^a

Week	Sample Size		Ages												Total	
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4		3.3
23	0	Percent	0.2	0.0	0.8	4.2	0.0	0.0	26.3	28.1	0.6	39.2	0.2	0.0	0.4	100.0
(5/31-6/06)		Numbers	1	0	3	17	0	0	105	112	2	157	1	0	2	400
24	0	Percent	0.2	0.0	0.8	4.2	0.0	0.0	26.3	28.1	0.6	39.2	0.2	0.0	0.4	100.0
(6/07-6/13)		Numbers	5	0	18	100	0	0	623	663	14	927	5	0	9	2,363
25	520	Percent	0.2	0.0	0.7	4.1	0.0	0.0	25.3	30.2	0.5	38.4	0.2	0.0	0.4	100.0
(6/14-6/20)		Numbers	13	0	53	298	0	0	1,855	2,212	39	2,817	15	1	29	7,333
26	517	Percent	0.0	0.0	0.3	2.7	0.0	0.0	16.1	48.4	0.1	31.3	0.4	0.2	0.5	100.0
(6/21-6/27)		Numbers	14	0	113	1,027	0	0	6,182	18,544	43	12,006	135	59	204	38,327
27	0	Percent	0.0	0.0	0.1	2.4	0.0	0.0	12.0	56.0	0.1	28.5	0.4	0.1	0.4	100.0
(6/28-7/04)		Numbers	0	0	84	1,883	0	0	9,506	44,470	70	22,579	343	119	286	79,341
28	1,026	Percent	0.0	0.0	0.1	2.7	0.0	0.0	11.4	58.0	0.2	26.9	0.5	0.1	0.1	100.0
(7/05-7/11)		Numbers	0	0	106	4,191	0	0	17,534	89,027	249	41,290	694	146	215	153,452
29	519	Percent	0.0	0.0	0.4	4.8	0.0	0.0	21.1	48.9	0.1	24.3	0.3	0.0	0.2	100.0
(7/12-7/18)		Numbers	0	0	371	4,246	0	1	18,659	43,195	47	21,446	238	23	151	88,377
30	521	Percent	0.0	0.0	0.2	9.9	0.0	0.1	37.2	32.8	0.1	19.1	0.1	0.0	0.4	100.0
(7/19-7/25)		Numbers	0	1	50	2,593	0	33	9,747	8,588	33	4,994	16	0	115	26,170
31	536	Percent	0.0	0.1	0.1	16.9	0.0	0.1	59.2	14.1	0.1	9.3	0.0	0.0	0.2	100.0
(7/26-8/01)		Numbers	0	21	22	3,157	1	13	11,054	2,627	13	1,738	0	0	40	18,686
32	544	Percent	0.0	0.0	0.2	20.0	0.1	0.0	72.8	2.7	0.0	4.2	0.0	0.0	0.0	100.0
(8/02-8/08)		Numbers	0	6	23	2,561	17	0	9,332	342	0	534	0	0	0	12,814
33	546	Percent	0.0	0.0	0.1	15.7	0.1	0.0	74.0	2.1	0.0	8.0	0.0	0.0	0.0	100.0
(8/09-8/15)		Numbers	0	0	7	1,925	7	0	9,059	256	0	984	0	0	0	12,238
34	0	Percent	0.0	0.0	0.0	13.6	0.0	0.0	74.0	2.4	0.0	10.1	0.0	0.0	0.0	100.0
(8/16-8/22)		Numbers	0	0	0	836	0	0	4,564	147	0	621	0	0	0	6,168
35	0	Percent	0.0	0.0	0.0	13.6	0.0	0.0	74.0	2.4	0.0	10.1	0.0	0.0	0.0	100.0
(8/23-8/29)		Numbers	0	0	0	264	0	0	1,444	46	0	197	0	0	0	1,951

-Continued-

Table 51. (page 2 of 2)

Week	Sample Size	Ages													Total	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3		
36 (8/30-9/05)	0	Percent	0.0	0.0	0.0	13.6	0.0	0.0	74.0	2.4	0.0	10.1	0.0	0.0	0.0	100.0
		Numbers	0	0	0	71	0	0	388	12	0	53	0	0	0	524
37 (9/06-9/12)	0	Percent	0.0	0.0	0.0	13.6	0.0	0.0	74.0	2.4	0.0	10.1	0.0	0.0	0.0	100.0
		Numbers	0	0	0	19	0	0	101	3	0	14	0	0	0	137
Total	4,729	Percent	0.0	0.0	0.2	5.2	0.0	0.0	22.3	46.9	0.1	24.6	0.3	0.1	0.2	100.0
		Numbers	33	28	850	23,188	25	47	100,153	210,244	510	110,357	1,447	348	1,051	448,281

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 52. Estimated age composition of sockeye catches from Harbor Point to Cape Seniavin by week, through June, 1995.^a

Week	Sample Size		Ages							Total	
			0.3	1.2	1.3	2.2	1.4	2.3	2.4		3.3
22 (5/24-5/30)	0	Percent Numbers	0.9 0	1.2 0	18.0 1	6.8 0	0.6 0	67.2 3	5.0 0	0.3 0	100.0 4
23 (5/31-6/06)	0	Percent Numbers	0.9 0	1.2 1	18.0 7	6.8 3	0.6 0	67.2 28	5.0 2	0.3 0	100.0 41
24 (6/07-6/13)	323	Percent Numbers	0.7 4	1.3 7	21.9 122	6.6 37	0.5 3	64.7 362	4.1 23	0.2 1	100.0 559
25 (6/14-6/20)	67	Percent Numbers	0.0 0	1.5 2	34.3 51	6.0 9	0.0 0	56.7 84	1.5 2	0.0 0	100.0 148
26 (6/21-6/27)	0	Percent Numbers	0.0 0	1.5 895	34.3 20,578	6.0 3,579	0.0 0	56.7 33,999	1.5 895	0.0 0	100.0 59,945
27 (6/28-6/30)	0	Percent Numbers	0.0 0	1.5 429	34.3 9,868	6.0 1,716	0.0 0	56.7 16,304	1.5 429	0.0 0	100.0 28,746
Total	390	Percent Numbers	0.0 4	1.5 1,334	34.2 30,627	6.0 5,344	0.0 3	56.8 50,780	1.5 1,351	0.0 1	100.0 89,443

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 53. Estimated age composition of sockeye catches from Harbor Point to Stroganof Point by week, 1995.^a

Week	Sample Size		Ages											Total	
			0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4		3.3
22	0	Percent	0.0	2.1	13.3	0.0	0.1	30.4	19.5	0.7	32.7	0.0	0.5	0.7	100.0
(5/24-5/30)		Numbers	0	0	1	0	0	1	1	0	1	0	0	0	4
23	0	Percent	0.0	2.1	13.3	0.0	0.1	30.4	19.5	0.7	32.7	0.0	0.5	0.7	100.0
(5/31-6/06)		Numbers	0	1	5	0	0	12	8	0	13	0	0	0	41
24	0	Percent	0.0	2.1	13.3	0.0	0.1	30.4	19.5	0.7	32.7	0.0	0.5	0.7	100.0
(6/07-6/13)		Numbers	0	12	74	0	1	170	109	4	183	0	3	4	559
25	0	Percent	0.0	2.1	13.3	0.0	0.1	30.4	19.5	0.7	32.7	0.0	0.5	0.7	100.0
(6/14-6/20)		Numbers	0	4	23	0	0	52	34	1	56	0	1	1	172
26	1,078	Percent	0.0	2.1	13.3	0.0	0.1	30.4	19.5	0.7	32.7	0.0	0.5	0.7	100.0
(6/21-6/27)		Numbers	0	1,673	10,400	0	73	23,855	15,273	582	25,601	0	364	582	78,402
27	0	Percent	0.0	2.0	13.0	0.0	0.1	29.8	20.1	0.7	33.1	0.0	0.5	0.7	100.0
(6/28-7/04)		Numbers	0	1,279	8,428	3	64	19,233	12,975	462	21,404	3	292	468	64,612
28	1,809	Percent	0.0	0.5	10.4	0.1	0.1	22.6	26.3	0.5	38.6	0.0	0.3	0.5	100.0
(7/05-7/11)		Numbers	0	3,043	60,830	324	827	132,524	154,602	2,862	226,596	262	1,902	3,198	586,970
29	1,103	Percent	0.0	0.1	6.4	0.1	0.0	15.9	30.7	0.6	45.5	0.0	0.2	0.4	100.0
(7/12-7/18)		Numbers	0	471	30,145	369	165	74,562	143,520	2,787	212,665	70	1,018	1,911	467,684
30	1,461	Percent	0.0	0.1	5.2	0.0	0.0	19.1	26.7	0.6	47.6	0.1	0.2	0.4	100.0
(7/19-7/25)		Numbers	0	316	16,218	75	16	59,914	83,932	2,011	149,458	174	767	1,343	314,223
31	1,119	Percent	0.0	0.0	4.7	0.1	0.1	11.4	40.0	0.2	43.2	0.1	0.1	0.1	100.0
(7/26-8/01)		Numbers	0	48	7,623	109	109	18,479	64,594	376	69,833	133	209	167	161,681
32	1,125	Percent	0.0	0.0	10.0	0.0	0.0	16.8	41.9	0.5	30.7	0.0	0.1	0.0	100.0
(8/02-8/08)		Numbers	0	4	22,048	58	58	37,130	92,616	1,013	67,874	61	204	0	221,065
33	1,142	Percent	0.0	0.1	4.4	0.0	0.0	10.4	61.4	0.3	23.2	0.1	0.2	0.0	100.0
(8/09-8/15)		Numbers	5	141	10,168	0	0	24,159	142,707	690	53,842	146	506	0	232,365
34	1,144	Percent	0.1	0.0	1.2	0.0	0.0	3.7	70.4	0.0	24.2	0.1	0.4	0.0	100.0
(8/16-8/22)		Numbers	160	66	3,128	0	0	9,718	186,446	131	64,006	232	1,011	6	264,904
35	1,130	Percent	0.0	0.0	0.6	0.0	0.0	1.1	72.4	0.0	25.4	0.1	0.2	0.1	100.0
(8/23-8/29)		Numbers	33	0	1,067	15	0	2,031	128,862	0	45,190	188	429	109	177,923
36	1,124	Percent	0.0	0.0	0.4	0.1	0.0	0.4	74.0	0.0	24.6	0.2	0.3	0.0	100.0
(8/30-9/05)		Numbers	0	0	672	134	0	782	134,225	0	44,603	429	456	28	181,328

-Continued-

Table 53. (page 2 of 2)

Week	Sample Size	Ages											Total		
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4		3.3	
37 (9/06-9/12)	0	Percent Numbers	0.0 0	0.0 0	0.4 148	0.1 37	0.0 0	0.4 148	74.3 30,970	0.0 0	24.4 10,163	0.3 111	0.3 111	0.0 0	100.0 41,689
Total	12,235	Percent Numbers	0.0 198	0.3 7,058	6.1 170,978	0.0 1,124	0.0 1,313	14.4 402,770	42.6 1,190,874	0.4 10,919	35.5 991,488	0.1 1,809	0.3 7,273	0.3 7,817	100.0 2,793,622

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 54. Age composition of sockeye test fishery samples from Cape Lutke, 1995.

Date		Ages					Total	
		0.2	0.3	1.2	1.3	2.2		2.3
06/11/95	Numbers	1	1	64	30	170	32	298
	Percent	0	0	21	10	57	11	
Total	Numbers	1	1	64	30	170	32	298
	Percent	0	0	21	10	57	11	

Table 55. Estimated age composition of selected coho catches by area, Alaska Peninsula Management Area, 1995.

Area	Dates	Sample Size	Ages					Total	
			0.1	1.1	2.1	2.2	3.1		
SOUTH PENINSULA									
Southeastern District Mainland									
	8/02-8/08	163	Percent	0.0	39.3	56.4	0.0	4.3	100.0
			Numbers	0	844	1,213	0	92	2,150
Shumagin Islands Section									
	7/19-8/15	1,189	Percent	0.0	22.6	72.5	0.1	4.8	100.0
			Numbers	61	33,263	106,678	185	7,023	147,211
Ikatan Peninsula to Cape Lazaref									
	8/02-8/08	112	Percent	0.0	25.9	66.1	0.0	8.0	100.0
			Numbers	0	962	2,454	0	298	3,714
NORTH PENINSULA									
Nelson Lagoon									
	7/19-9/12	1,227	Percent	0.0	16.6	76.5	0.0	6.9	100.0
			Numbers	0	7,330	33,739	0	3,049	44,118
Harbor Point to Strogonof Point									
	7/05-9/19	2,018	Percent	0.0	30.1	66.3	0.0	3.6	100.0
			Numbers	0	11,365	25,000	0	1,348	37,717

Table 56. Estimated age composition of coho catches from Southeast District Mainland, week 32, 1995.

Week	Sample Size	Ages			Total	
		1.1	2.1	3.1		
32 (8/02-8/08)	163	Percent Numbers	39.3 844	56.4 1,213	4.3 92	100.0 2,150
Total	163	Percent Numbers	39.3 844	56.4 1,213	4.3 92	100.0 2,150

Table 57. Estimated age composition of coho catches from Shumagin Islands Section weeks 30 through 33, 1995.^a

Week	Sample Size		Ages					Total
			0.1	1.1	2.1	2.2	3.1	
30 (7/19-7/25)	274	Percent	0.0	16.9	78.5	0.0	4.6	100.0
		Numbers	0	10,014	46,551	0	2,734	59,299
31 (7/26-8/01)	273	Percent	0.0	19.2	76.9	0.0	3.8	100.0
		Numbers	14	6,822	27,255	14	1,347	35,452
32 (8/02-8/08)	381	Percent	0.2	28.4	66.6	0.3	4.5	100.0
		Numbers	44	6,478	15,192	59	1,033	22,806
33 (8/09-8/15)	261	Percent	0.0	33.6	59.6	0.4	6.4	100.0
		Numbers	3	9,949	17,680	112	1,909	29,654
Total	1,189	Percent	0.0	22.6	72.5	0.1	4.8	100.0
		Numbers	61	33,263	106,678	185	7,023	147,211

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 58. Estimated age composition of coho catches from Ikatán Peninsula to Cape Lazaref, week 32, 1995.

Week	Sample Size		Ages			Total
			1.1	2.1	3.1	
32 (8/02-8/08)	112	Percent	25.9	66.1	8.0	100.0
		Numbers	962	2,454	298	3,714
Total	112	Percent	25.9	66.1	8.0	100.0
		Numbers	962	2,454	298	3,714

Table 59. Estimated age composition of coho catches from Nelson Lagoon by week, 1995.^a

Week	Sample Size		Ages			Total
			1.1	2.1	3.1	
30 (7/19-7/25)	0	Percent	19.3	70.7	10.0	100.0
		Numbers	1	2	0	3
31 (7/26-8/01)	140	Percent	19.3	70.7	10.0	100.0
		Numbers	31	112	16	159
32 (8/02-8/08)	142	Percent	22.0	69.9	8.1	100.0
		Numbers	165	523	61	749
33 (8/09-8/15)	388	Percent	27.0	65.5	7.5	100.0
		Numbers	817	1,987	227	3,031
34 (8/16-8/22)	288	Percent	19.1	73.9	7.0	100.0
		Numbers	3,094	12,003	1,138	16,235
35 (8/23-8/29)	269	Percent	14.0	79.3	6.7	100.0
		Numbers	1,498	8,476	721	10,695
36 (8/30-9/05)	0	Percent	13.0	80.3	6.7	100.0
		Numbers	1,226	7,564	630	9,420
37 (9/06-9/12)	0	Percent	13.0	80.3	6.7	100.0
		Numbers	498	3,072	256	3,826
Total	1,227	Percent	16.6	76.5	6.9	100.0
		Numbers	7,330	33,739	3,049	44,118

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 60. Estimated age composition of coho catches from Harbor Point to Strogonof Point by week, 1995.^a

Week	Sample Size		Ages			Total
			1.1	2.1	3.1	
28 (7/05-7/11)	0	Percent	25.0	71.9	3.1	100.0
		Numbers	21	61	3	85
29 (7/12-7/18)	0	Percent	25.0	71.9	3.1	100.0
		Numbers	30	87	4	121
30 (7/19-7/25)	0	Percent	25.0	71.9	3.1	100.0
		Numbers	183	525	22	730
31 (7/26-8/01)	196	Percent	25.6	71.3	3.1	100.0
		Numbers	361	1,005	44	1,410
32 (8/02-8/08)	207	Percent	36.0	60.2	3.8	100.0
		Numbers	1,828	3,060	192	5,081
33 (8/09-8/15)	842	Percent	34.5	61.7	3.8	100.0
		Numbers	2,241	4,009	250	6,501
34 (8/16-8/22)	539	Percent	26.9	69.5	3.6	100.0
		Numbers	3,206	8,267	425	11,899
35 (8/23-8/29)	234	Percent	28.6	68.0	3.4	100.0
		Numbers	1,288	3,065	155	4,509
36 (8/30-9/05)	0	Percent	29.9	66.7	3.4	100.0
		Numbers	1,257	2,802	144	4,203
37 (9/06-9/12)	0	Percent	29.9	66.7	3.4	100.0
		Numbers	672	1,499	77	2,248
38 (9/13-9/19)	0	Percent	29.9	66.7	3.4	100.0
		Numbers	278	620	32	930
Total	2,018	Percent	30.1	66.3	3.6	100.0
		Numbers	11,365	25,000	1,348	37,717

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 61. Estimated age composition of chum catches by area, Alaska Peninsula Management Area, 1995.

Area	Dates	Sample Size	Ages					Total
			0.2	0.3	0.4	0.5	0.6	
SOUTH PENINSULA								
Southeastern District Mainland								
7/26-8/15	1,245	Percent	1.2	77.1	19.5	2.2	0.1	100.0
		Numbers	1,693	111,434	28,218	3,112	140	144,597
Shumagin Islands Section June								
6/01-6/30	2,293	Percent	0.7	49.5	47.0	2.8	0.0	100.0
		Numbers	1,335	100,315	95,108	5,758	23	202,539
Shumagin Islands Section post June								
7/05-8/29	1,597	Percent	1.2	70.7	25.3	2.8	0.0	100.0
		Numbers	3,616	214,672	76,817	8,372	0	303,476
Cape Tolstoi								
7/19-8/15	219	Percent	2.3	65.7	29.6	2.4	0.0	100.0
		Numbers	345	9,819	4,429	357	0	14,950
Canoe Bay								
7/05-8/22	1,318	Percent	2.6	49.7	40.4	7.3	0.0	100.0
		Numbers	3,093	58,418	47,488	8,612	0	117,611
Belkofski Bay								
7/19-8/22	771	Percent	1.9	61.2	35.2	1.6	0.0	100.0
		Numbers	734	23,308	13,409	618	0	38,068
Deer Island								
7/19-8/15	271	Percent	0.4	64.6	32.5	2.6	0.0	100.0
		Numbers	49	8,551	4,300	342	0	13,243
Cold Bay								
7/05-9/05	1,154	Percent	0.5	83.7	13.1	2.6	0.0	100.0
		Numbers	699	113,228	17,765	3,536	0	135,229
Ikatan Peninsula to Cape Lazaref June								
6/07-6/30	7,934	Percent	1.5	49.9	45.8	2.8	0.0	100.0
		Numbers	2,588	89,031	81,767	5,078	0	178,463
Ikatan Peninsula to Cape Lazaref post June								
7/26-8/01	229	Percent	6.1	76.0	16.2	1.7	0.0	100.0
		Numbers	470	5,842	1,242	134	0	7,689
Cape Lutke								
6/07-7/04	4,109	Percent	1.8	47.6	41.8	2.9	0.0	94.1
		Numbers	2,989	79,197	69,582	4,908	0	166,445
NORTH PENINSULA								
Swanson Lagoon								
6/28-7/04	88	Percent	30.7	43.2	23.9	2.3	0.0	100.0
		Numbers	235	331	183	17	0	767
Bechevin Bay								
6/28-7/04	211	Percent	1.4	70.6	26.1	1.9	0.0	100.0
		Numbers	96	4,767	1,759	128	0	6,750
Nelson Lagoon								
7/05-9/05	1,225	Percent	27.5	57.3	13.5	1.6	0.0	99.9
		Numbers	1,262	2,627	618	72	0	4,582

-Continued-

Table 61. (page 2 of 2)

Area	Dates	Sample Size	Ages					Total	
			0.2	0.3	0.4	0.5	0.6		
Herendeen Bay	7/05-7/18	423	Percent	1.2	55.8	41.4	1.7	0.0	100.0
			Numbers	25	1,183	877	35	0	2,120
Harbor Point to Strogonof Point	7/05-9/12	4,388	Percent	18.1	50.0	29.7	2.3	0.0	100.0
			Numbers	11,772	32,538	19,324	1,495	0	65,126

Table 62. Estimated age composition of chum catches from Southeastern District Mainland weeks 31 through 33, 1995.^a

Week	Sample Size		Ages					Total
			0.2	0.3	0.4	0.5	0.6	
31 (7/26-8/01)	413	Percent	1.5	74.9	22.3	1.3	0.0	100.0
		Numbers	815	41,021	12,245	711	0	54,792
32 (8/02-8/08)	420	Percent	1.6	76.1	19.9	2.3	0.0	100.0
		Numbers	579	26,767	6,993	823	13	35,174
33 (8/09-8/15)	412	Percent	0.5	79.9	16.4	2.9	0.2	100.0
		Numbers	299	43,646	8,980	1,578	127	54,631
Total	1,245	Percent	1.2	77.1	19.5	2.2	0.1	100.0
		Numbers	1,693	111,434	28,218	3,112	140	144,597

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 63. Estimated age composition of chum catches from Shumagin Islands Section by week, June 1995.^a

Week	Sample Size		Ages					Total
			0.2	0.3	0.4	0.5	0.6	
23	0	Percent	0.5	50.2	46.2	3.0	0.0	100.0
(6/01-6/06)		Numbers	11	1,106	1,017	67	0	2,201 ^b
24	0	Percent	0.5	50.2	46.2	3.0	0.0	100.0
(6/07-6/13)		Numbers	74	7,640	7,028	464	0	15,206 ^b
25	820	Percent	0.5	49.7	46.9	3.0	0.0	100.0
(6/14-6/20)		Numbers	461	46,229	43,579	2,746	0	93,015
26	370	Percent	0.7	48.0	48.7	2.6	0.0	100.0
(6/21-6/27)		Numbers	491	35,751	36,297	1,925	7	74,472
27	1,103	Percent	1.7	54.3	40.7	3.2	0.1	100.0
(6/28-6/30)		Numbers	298	9,589	7,187	556	16	17,645
Total	2,293	Percent	0.7	49.5	47.0	2.8	0.0	100.0
		Numbers	1,335	100,315	95,108	5,758	23	202,539

- ^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.
- ^b Includes test fish catches.

Table 64. Estimated age composition of chum catches from Shumagin Islands Section by week, post June through August, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
28 (7/05-7/11)	0	Percent	0.8	69.4	26.7	3.1	100.0
		Numbers	2	190	73	8	274
29 (7/12-7/18)	0	Percent	0.8	69.4	26.7	3.1	100.0
		Numbers	95	7,785	2,994	347	11,220 ^b
30 (7/19-7/25)	356	Percent	0.9	69.5	26.6	3.1	100.0
		Numbers	1,208	96,101	36,795	4,245	138,348
31 (7/26-8/01)	414	Percent	1.4	71.2	24.7	2.7	100.0
		Numbers	907	45,990	15,977	1,743	64,617
32 (8/02-8/08)	411	Percent	1.5	72.3	23.7	2.5	100.0
		Numbers	807	38,610	12,678	1,340	53,434
33 (8/09-8/15)	416	Percent	1.7	73.1	23.3	1.9	100.0
		Numbers	453	19,727	6,300	524	27,004
34 (8/16-8/22)	0	Percent	1.7	73.1	23.3	1.9	100.0
		Numbers	126	5,479	1,748	144	7,498
35 (8/23-8/29)	0	Percent	1.7	73.1	23.3	1.9	100.0
		Numbers	18	790	252	21	1,081
Total	1,597	Percent	1.2	70.7	25.3	2.8	100.0
		Numbers	3,616	214,672	76,817	8,372	303,476

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes test fish catches.

Table 65. Estimated age composition of chum catches from Cape Tolstoi by week, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
30 (7/19-7/25)	0	Percent	2.4	65.7	29.5	2.4	100.0
		Numbers	53	1,444	649	53	2,199
31 (7/26-8/01)	0	Percent	2.4	65.7	29.5	2.4	100.0
		Numbers	130	3,541	1,592	130	5,393
32 (8/02-8/08)	166	Percent	2.4	65.7	29.5	2.4	100.0
		Numbers	157	4,271	1,920	157	6,504
33 (8/09-8/15)	53	Percent	0.6	65.9	31.4	2.0	100.0
		Numbers	5	563	268	17	854
Total	219	Percent	2.3	65.7	29.6	2.4	100.0
		Numbers	345	9,819	4,429	357	14,950

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 66. Estimated age composition of chum catches from Canoe Bay by week, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
28 (7/05-7/11)	0	Percent	1.7	41.7	48.8	7.8	100.0
		Numbers	17	407	477	76	977
29 (7/12-7/18)	0	Percent	1.7	41.7	48.8	7.8	100.0
		Numbers	402	9,822	11,487	1,838	23,549
30 (7/19-7/25)	410	Percent	1.6	45.6	45.8	7.0	100.0
		Numbers	563	16,014	16,083	2,460	35,120
31 (7/26-8/01)	414	Percent	2.2	52.3	39.0	6.5	100.0
		Numbers	672	15,934	11,893	1,982	30,482
32 (8/02-8/08)	408	Percent	4.7	56.8	30.2	8.3	100.0
		Numbers	655	7,901	4,209	1,151	13,916
33 (8/09-8/15)	86	Percent	5.7	61.2	24.9	8.2	100.0
		Numbers	288	3,084	1,257	411	5,039
34 (8/16-8/22)	0	Percent	5.8	61.6	24.4	8.1	100.0
		Numbers	496	5,256	2,082	694	8,528
Total	1,318	Percent	2.6	49.7	40.4	7.3	100.0
		Numbers	3,093	58,418	47,488	8,612	117,611

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 67. Estimated age composition of chum catches from Belkofski Bay by week, post June, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
30 (7/19-7/25)	0	Percent	4.0	78.8	14.1	3.0	100.0
		Numbers	30	577	104	22	732
31 (7/26-8/01)	99	Percent	2.9	71.5	22.8	2.8	100.0
		Numbers	118	2,926	932	114	4,090
32 (8/02-8/08)	257	Percent	1.1	60.5	36.0	2.4	100.0
		Numbers	79	4,305	2,564	171	7,120
33 (8/09-8/15)	415	Percent	1.9	59.3	37.6	1.2	100.0
		Numbers	421	13,151	8,335	273	22,180
34 (8/16-8/22)	0	Percent	2.2	59.5	37.3	1.0	100.0
		Numbers	86	2,349	1,474	38	3,946
Total	771	Percent	1.9	61.2	35.2	1.6	100.0
		Numbers	734	23,308	13,409	618	38,068

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 68. Estimated age composition of chum catches from Deer Island by week, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
30 (7/19-7/25)	0	Percent	0.4	64.6	32.5	2.6	100.0
		Numbers	5	788	396	32	1,220
31 (7/26-8/01)	271	Percent	0.4	64.6	32.5	2.6	100.0
		Numbers	13	2,352	1,183	94	3,643
32 (8/02-8/08)	0	Percent	0.4	64.6	32.5	2.6	100.0
		Numbers	30	5,304	2,667	212	8,214
33 (8/09-8/15)	0	Percent	0.4	64.6	32.5	2.6	100.0
		Numbers	1	107	54	4	166
Total	271	Percent	0.4	64.6	32.5	2.6	100.0
		Numbers	49	8,551	4,300	342	13,243

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 69. Estimated age composition of chum catches from Cold Bay by week, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
28 (7/05-7/11)	0	Percent Numbers	0.0 0	83.3 220	13.8 37	2.8 7	100.0 264
29 (7/12-7/18)	0	Percent Numbers	0.0 0	83.3 2,120	13.8 352	2.8 72	100.0 2,544
31 (7/26-8/01)	282	Percent Numbers	0.0 0	83.3 10,812	13.8 1,794	2.8 368	100.0 12,974
32 (8/02-8/08)	411	Percent Numbers	0.2 58	78.8 21,007	15.3 4,072	5.7 1,507	100.0 26,643
33 (8/09-8/15)	45	Percent Numbers	0.5 53	80.7 9,035	16.9 1,897	1.9 210	100.0 11,195
34 (8/16-8/22)	416	Percent Numbers	0.7 479	85.8 57,039	11.8 7,829	1.7 1,118	100.0 66,466
35 (8/23-8/29)	0	Percent Numbers	0.7 90	85.8 10,678	11.8 1,466	1.7 209	100.0 12,443
36 (8/30-9/05)	0	Percent Numbers	0.7 19	85.8 2,317	11.8 318	1.7 45	100.0 2,700
Total	1,154	Percent Numbers	0.5 699	83.7 113,228	13.1 17,765	2.6 3,536	100.0 135,229

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 70. Estimated age composition of chum catches from Ikatan Peninsula to Cape Lazaref, by week, June, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
24 (6/07-6/13)	412	Percent	0.7	47.1	50.2	1.9	100.0
		Numbers	162	10,495	11,199	433	22,289
25 (6/14-6/20)	1,692	Percent	0.8	48.0	48.4	2.8	100.0
		Numbers	392	23,406	23,623	1,379	48,799
26 (6/21-6/27)	5,664	Percent	1.8	51.3	43.9	3.0	100.0
		Numbers	1,873	53,285	45,574	3,145	103,877
27 (6/28-6/30)	166	Percent	4.6	52.7	39.2	3.5	100.0
		Numbers	161	1,845	1,371	121	3,498
Total	7,934	Percent	1.5	49.9	45.8	2.8	100.0
		Numbers	2,588	89,031	81,767	5,078	178,463

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 71. Estimated age composition of chum catches from Ikatan Peninsula to Cape Lazaref, post June, week 31, 1995.

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
31 (7/26-8/01)	229	Percent Numbers	6.1 470	76.0 5,842	16.2 1,242	1.7 134	100.0 7,689
Total	229	Percent Numbers	6.1 470	76.0 5,842	16.2 1,242	1.7 134	100.0 7,689

Table 72. Estimated age composition of chum catches from Cape Lutke by week, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
24 (6/07-6/13)	0	Percent	1.8	47.8	47.0	3.4	100.0
		Numbers	428	11,587	11,372	833	24,220 ^b
25 (6/14-6/20)	1,018	Percent	1.8	48.1	46.7	3.4	100.0
		Numbers	598	16,284	15,821	1,153	33,856
26 (6/21-6/27)	2,388	Percent	2.0	51.8	43.3	3.0	100.0
		Numbers	1,802	47,793	39,909	2,755	92,259
27 (6/28-7/04)	703	Percent	1.0	21.9	15.4	1.0	39.4
		Numbers	161	3,533	2,480	167	16,110
Total	4,109	Percent	1.8	47.6	41.8	2.9	94.1
		Numbers	2,989	79,197	69,582	4,908	166,445

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

^b Includes test fish catches.

Table 73. Estimated age composition of chum catches from Swanson Lagoon, week 27, 1995.

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
27 (6/28-7/04)	88	Percent	30.7	43.2	23.9	2.3	100.0
		Numbers	235	331	183	17	767
Total	88	Percent	30.7	43.2	23.9	2.3	100.0
		Numbers	235	331	183	17	767

Table 74. Estimated age composition of chum catches from Bechevin Bay, week 27, 1995.

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
27 (6/28-7/04)	211	Percent	1.4	70.6	26.1	1.9	100.0
		Numbers	96	4,767	1,759	128	6,750
Total	211	Percent	1.4	70.6	26.1	1.9	100.0
		Numbers	96	4,767	1,759	128	6,750

Table 75. Estimated age composition of chum catches from Nelson Lagoon by week, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
28 (7/05-7/11)	0	Percent	13.8	61.7	23.1	1.5	100.0
		Numbers	1	6	2	0	10
29 (7/12-7/18)	0	Percent	13.8	61.7	23.1	1.5	100.0
		Numbers	28	125	47	3	203
30 (7/19-7/25)	412	Percent	14.4	61.6	22.6	1.5	100.0
		Numbers	118	507	186	12	824
31 (7/26-8/01)	408	Percent	24.4	59.9	13.7	2.0	100.0
		Numbers	267	657	151	22	1,097
32 (8/02-8/08)	405	Percent	33.9	54.9	9.6	1.5	100.0
		Numbers	588	952	167	26	1,733
33 (8/09-8/15)	0	Percent	36.5	53.1	9.1	1.2	100.0
		Numbers	229	333	57	8	627
34 (8/16-8/22)	0	Percent	36.5	53.1	9.1	1.2	100.0
		Numbers	24	36	6	1	67
35 (8/23-8/29)	0	Percent	36.5	53.1	9.1	1.2	100.0
		Numbers	6	9	2	0	17
36 (8/30-9/05)	0	Percent	36.5	53.1	9.1	1.2	100.0
		Numbers	1	2	0	0	4
Total	1,225	Percent	27.5	57.3	13.5	1.6	99.9
		Numbers	1,262	2,627	618	72	4,582

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 76. Estimated age composition of chum catches from Herendeen Bay by week, 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
28 (7/05-7/11)	0	Percent	1.2	55.8	41.4	1.7	100.0
		Numbers	4	180	133	5	322
29 (7/12-7/18)	423	Percent	1.2	55.8	41.4	1.7	100.0
		Numbers	21	1,003	744	30	1,798
Total	423	Percent	1.2	55.8	41.4	1.7	100.0
		Numbers	25	1,183	877	35	2,120

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 77. Estimated age composition of chum catches from Harbor Point to Strogonof Point, by week, post 4 July 1995.^a

Week	Sample Size		Ages				Total
			0.2	0.3	0.4	0.5	
28 (7/05-7/11)	586	Percent	7.3	48.0	39.9	4.8	100.0
		Numbers	416	2,716	2,261	271	5,663
29 (7/12-7/18)	1,094	Percent	9.0	52.6	35.8	2.6	100.0
		Numbers	1,015	5,897	4,020	286	11,219
30 (7/19-7/25)	832	Percent	12.5	52.5	33.2	1.8	100.0
		Numbers	2,124	8,917	5,647	298	16,986
31 (7/26-8/01)	820	Percent	18.8	53.0	25.8	2.4	100.0
		Numbers	2,311	6,498	3,163	296	12,268
32 (8/02-8/08)	819	Percent	24.6	47.3	26.1	2.0	100.0
		Numbers	2,979	5,722	3,152	245	12,098
33 (8/09-8/15)	218	Percent	31.7	42.9	22.9	2.4	100.0
		Numbers	1,291	1,747	931	99	4,068
34 (8/16-8/22)	19	Percent	57.9	36.8	5.3	0.0	100.0
		Numbers	1,296	825	118	0	2,238
35 (8/23-8/29)	0	Percent	57.9	36.8	5.3	0.0	100.0
		Numbers	226	144	21	0	390
36 (8/30-9/05)	0	Percent	57.9	36.8	5.3	0.0	100.0
		Numbers	106	67	10	0	183
37 (9/06-9/12)	0	Percent	57.9	36.8	5.3	0.0	100.0
		Numbers	8	5	1	0	13
Total	4,388	Percent	18.1	50.0	29.7	2.3	100.0
		Numbers	11,772	32,538	19,324	1,495	65,126

^a Percents are figured on catch after rounding, not on samples. Sample sizes are for the indicated week. Age composition is calculated daily. Composition is based on two samples when the date falls between two sample dates. When the date falls on a sample date, or before the first sample or after the last sample, calculations are based on only one sample date.

Table 78. Estimated age composition of Bear River late run sockeye (post 31 July), 1995.

Area	Sample Catch/Esc.	Sample Size	Ages												Total
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	
Harbor Point to Strogonof Point															
Catch	12,235	0		0	3.4	0	0	6.7	63.4	0.2	25.9	0.1	0.2	0	100
		198		211	38,928	268	82	77,067	729,434	1,885	298,095	1,191	2,745	143	1,150,246
Bear River late run															
Escapement	866		0		0.8	14.2		0.8	61	0.3	22.7		0.1		100
			49		810	15,369		838	65,868	338	24,550		141		107,961
Total Run	13,101	0	0	0	3.2	1.2	0	6.2	63.2	0.2	25.6	0.1	0.2	0	100
		198	49	211	39,738	15,637	82	77,905	795,302	2,223	322,645	1,191	2,886	143	1,258,207

Table 79. Bear River late run sockeye salmon brood table, 1980-95.

Year	Post 7/31 Escapement	Ages													Total Return	Return/ Spawner
		1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3		
1980	238,038	0	0	0	0	0	12,754	400,014	90	54	132,036	330	205	17	545,500	2.29
1981	214,728	0	1,134	43,049	9,594	0	6,463	210,579	0	2	47,413	18	41	93	318,386	1.48
1982	104,503	0	657	1,324	1,333	0	7,344	70,269	0	91	197,258	488	1,259	847	280,870	2.69
1983	172,143	0	147	5,044	176	0	16,802	134,380	0	488	160,027	2,093	89	0	319,246	1.85
1984	108,151	0	429	2,887	19,898	0	23,787	301,375	0	185	142,790	11,014	1,261	0	503,626	4.66
1985	170,739	1	592	24,407	14,756	0	138,603	538,445	0	1,058	217,073	38	2,789	2,074	939,836	5.50
1986	98,921	172	2,512	62,610	2,269	0	77,677	412,258	0	1,252	301,036	5,751	416	4,290	870,243	8.80
1987	83,395	0	910	77,886	17,721	57	19,211	451,063	1,000	321	490,594	25,598	1,909	2,341	1,088,611	13.05
1988	140,660	2,101	256	15,096	29,363	77	18,515	370,999	0	109	250,503	224	2,886	143	690,272	4.91
1989	204,804	2,599	1,932	6,504	40,756	0	52,714	638,148	0	2,223	322,645	1,191	0	0	1,068,712	5.22
1990	262,946	0	1,037	35,887	11,911	82	77,905	795,302	0	0	0	0	0	0	922,124	
1991	173,913	1,123	211	39,738	15,637	0	0	0	0	0	0	0	0	0	56,709	
1992	195,830	247	0	0	0	0	0	0	0	0	0	0	0	0	247	
1993	197,988	0	0	0	0	0	0	0	0	0	0	0	0	0		
1994	204,441	0	0	0	0	0	0	0	0	0	0	0	0	0		
1995	107,961	0	0	0	0	0	0	0	0	0	0	0	0	0		
80-89 Avg	153,608	487	857	23,881	13,587	13	37,387	352,753	109	578	226,138	4,675	1,086	981	662,530	5.05
85-89 Avg	139,704	975	1,240	37,301	20,973	27	61,344	482,183	200	993	316,370	6,560	1,600	1,770	931,535	7.50

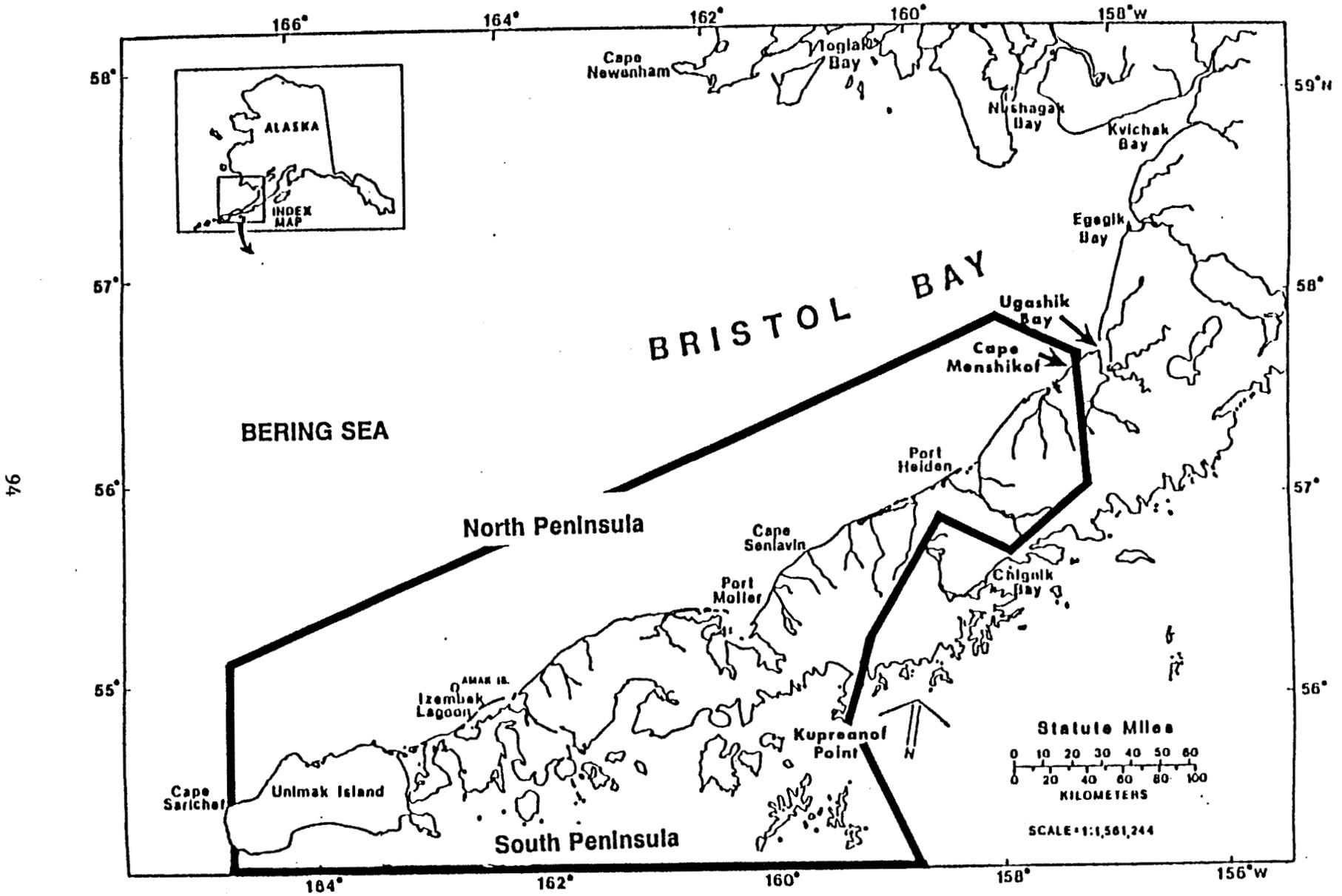


Figure 1. Map of the Alaska Peninsula Management Area, 1995.

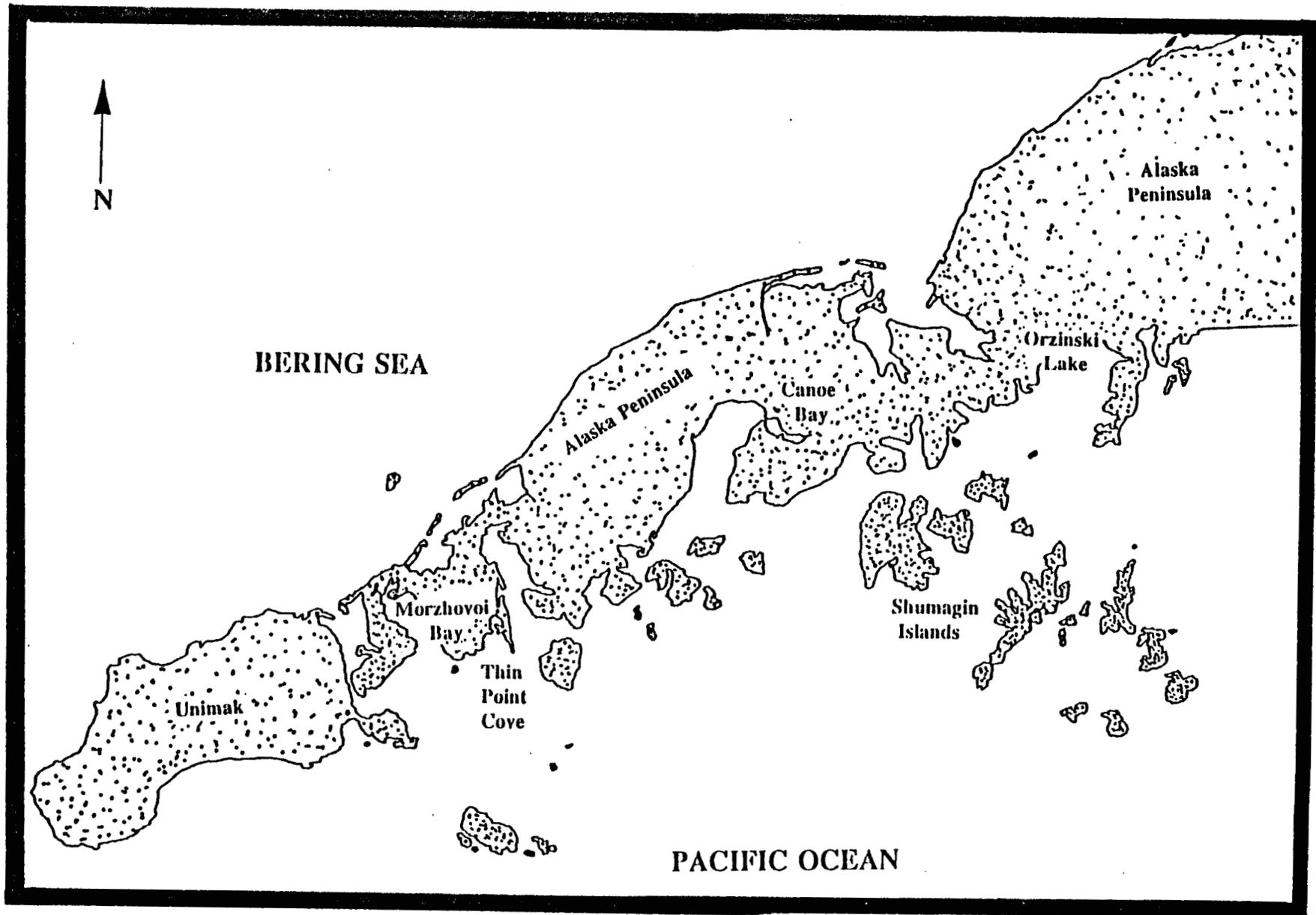


Figure 2. Map of the Alaska Peninsula identifying remote escapement sampling sites of Orzinski Lake and Thin Point Cove.

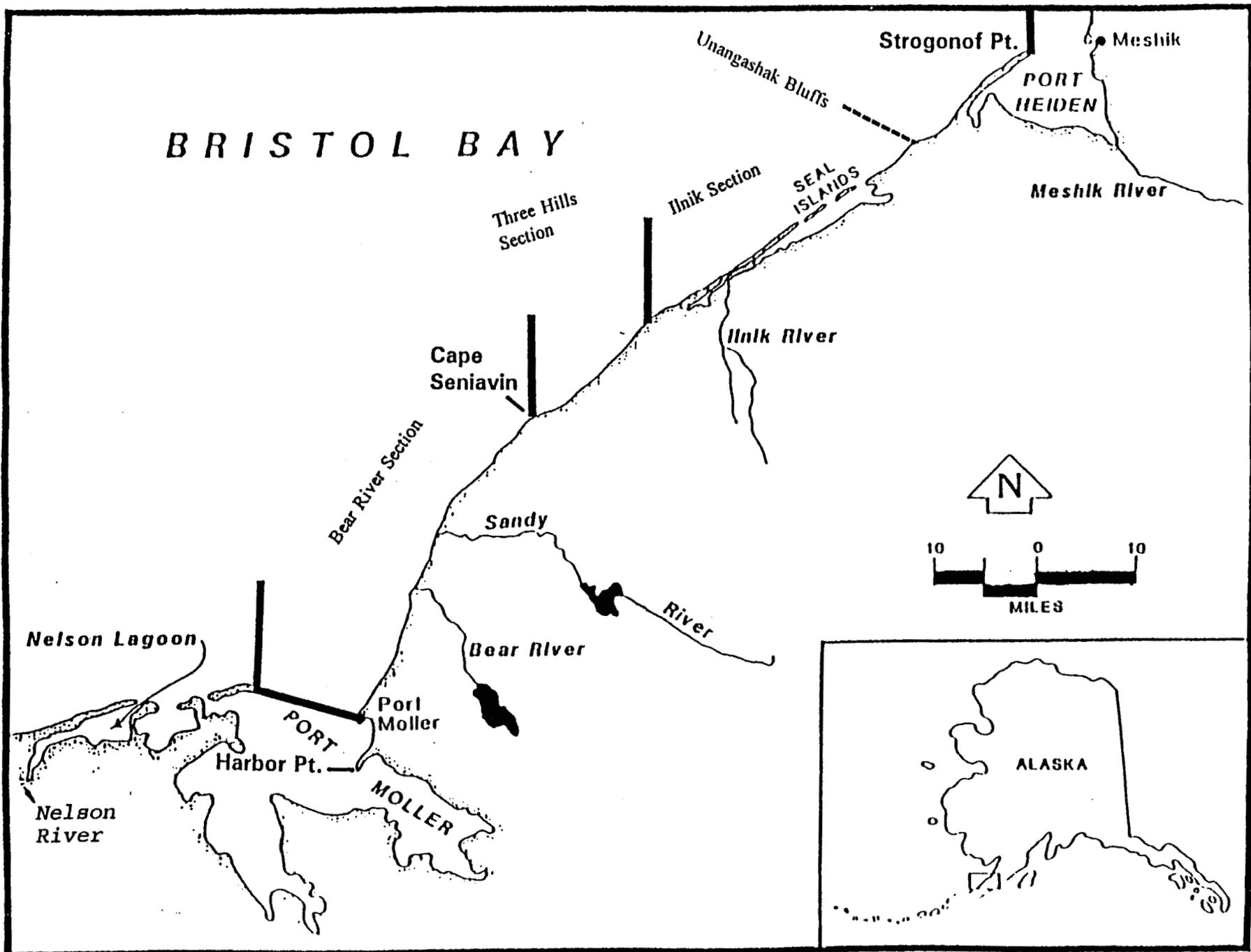


Figure 3. Map of the Alaska Peninsula identifying remote escapement sampling sites of Nelson, Bear, Sandy, and Ilnik Rivers, and selected North Peninsula commercial salmon fishing sections.

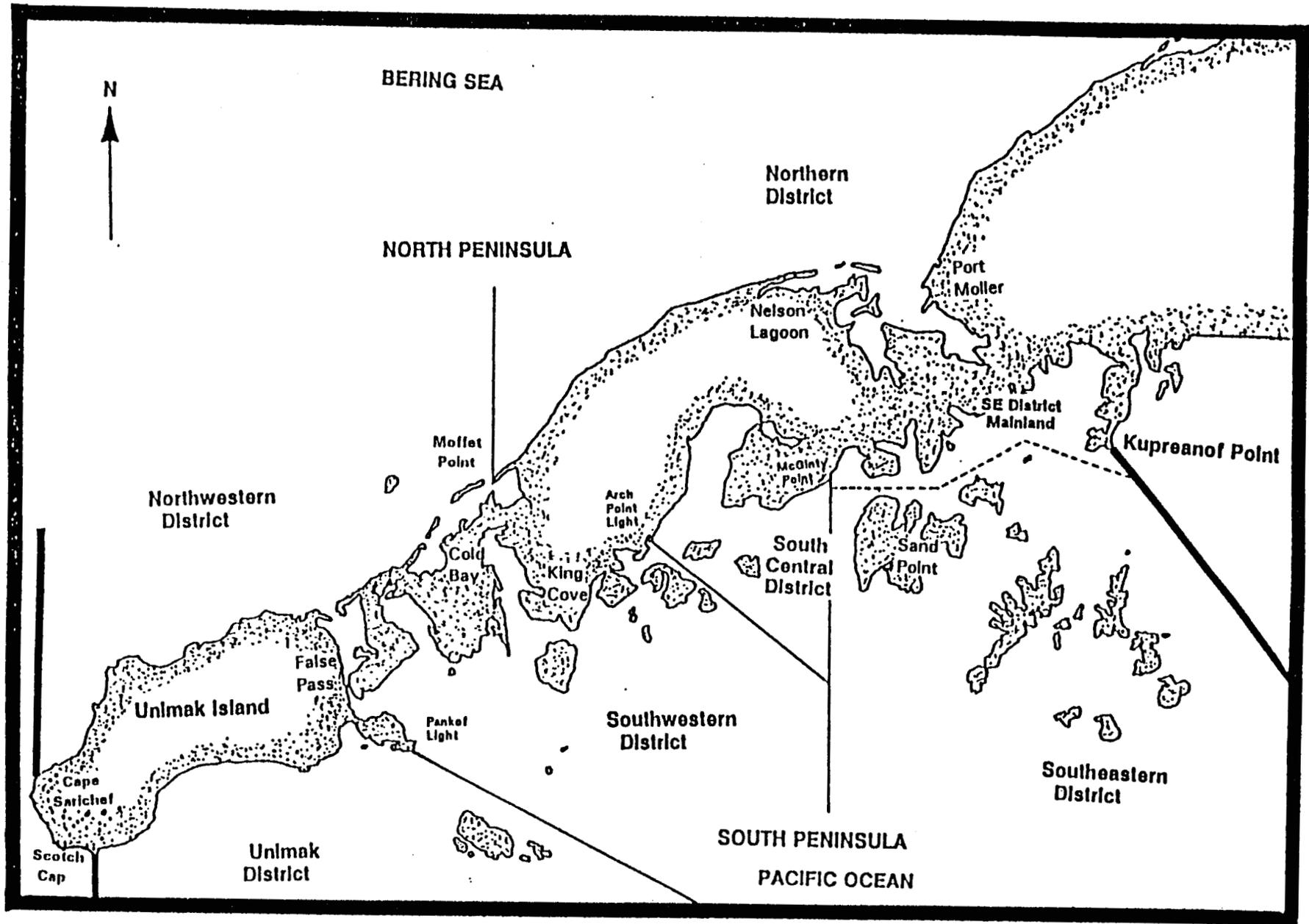


Figure 4. Map of the Alaska Peninsula Management Area salmon fishing districts.

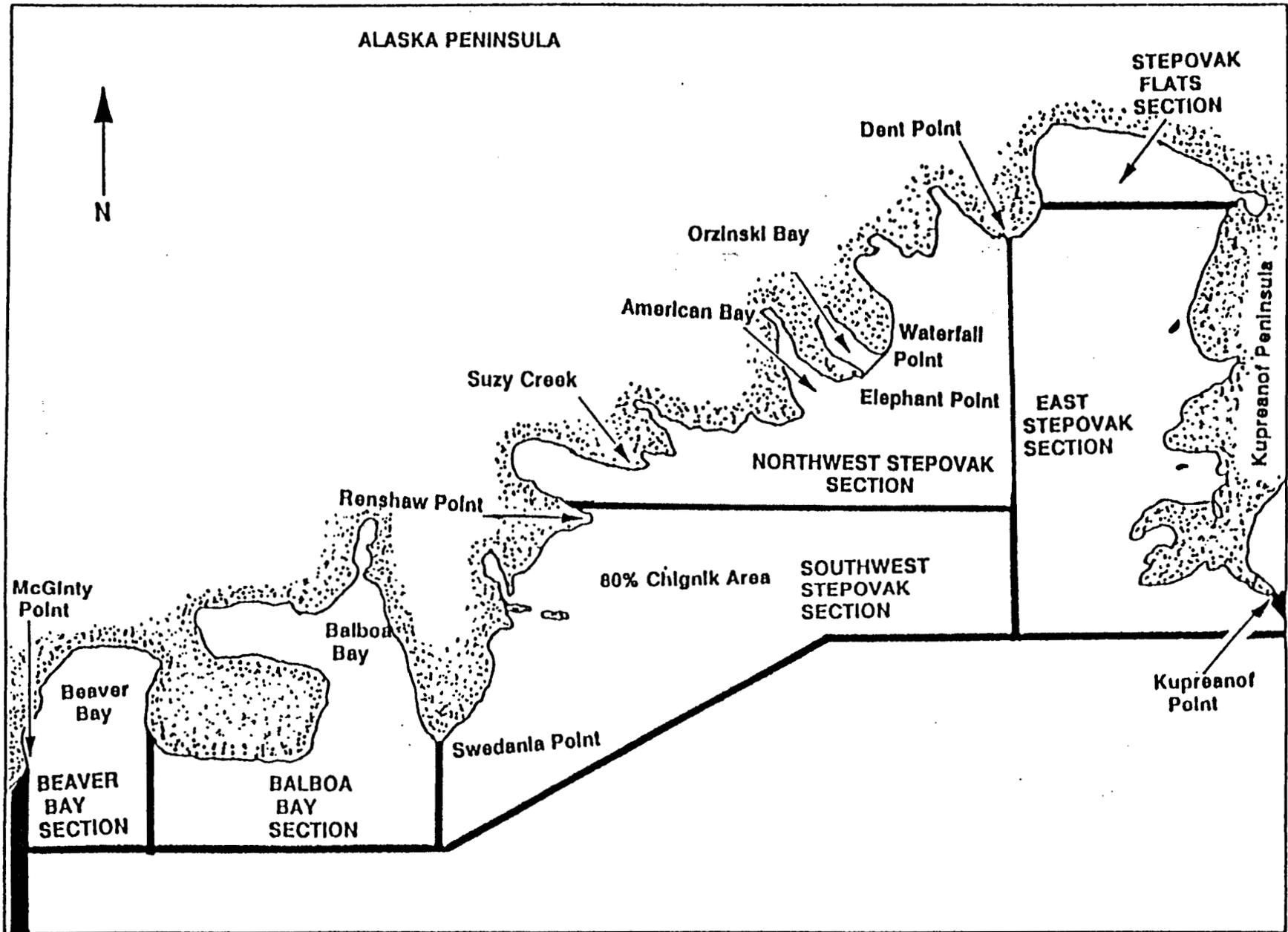


Figure 5. Map of the Southeastern District Mainland fishery from Kupreanof Point to McGinty Point with the salmon sections defined.

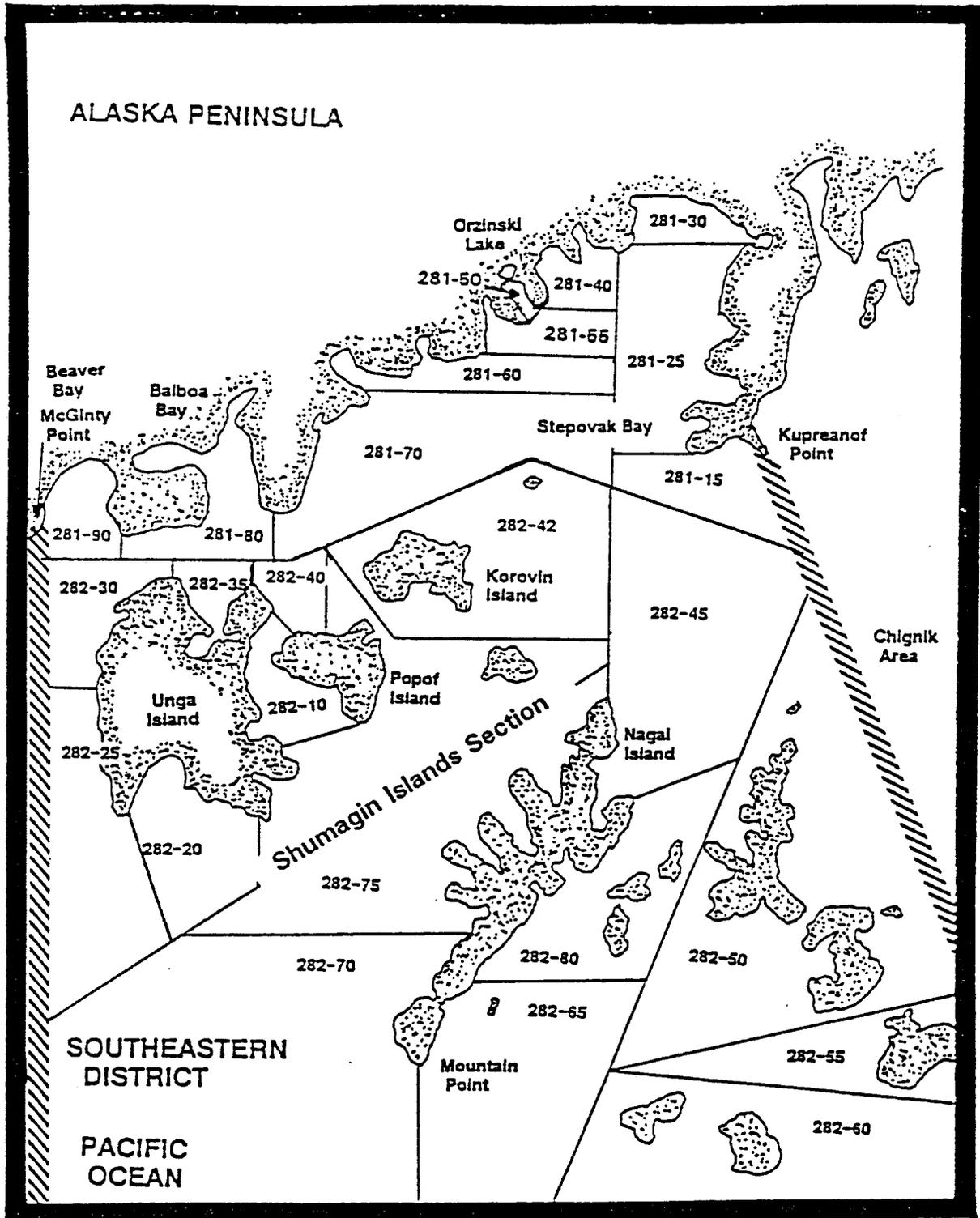


Figure 6. Map of the Southeastern District identifying Shumagin Islands Section.

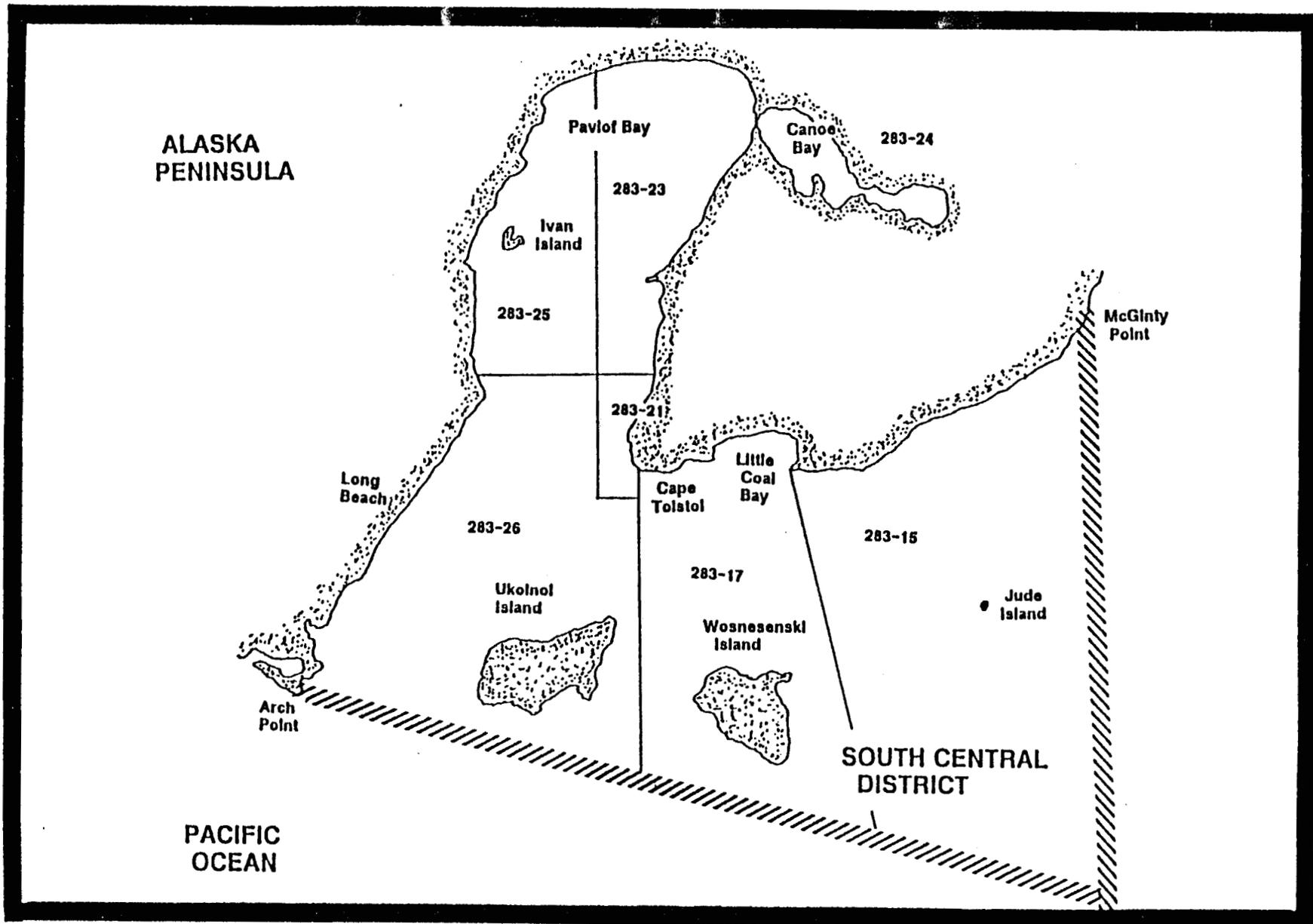


Figure 7. Map of the Alaska Peninsula Area from McGinty Point to Arch Point (South Central District) with the statistical salmon fishing areas defined.

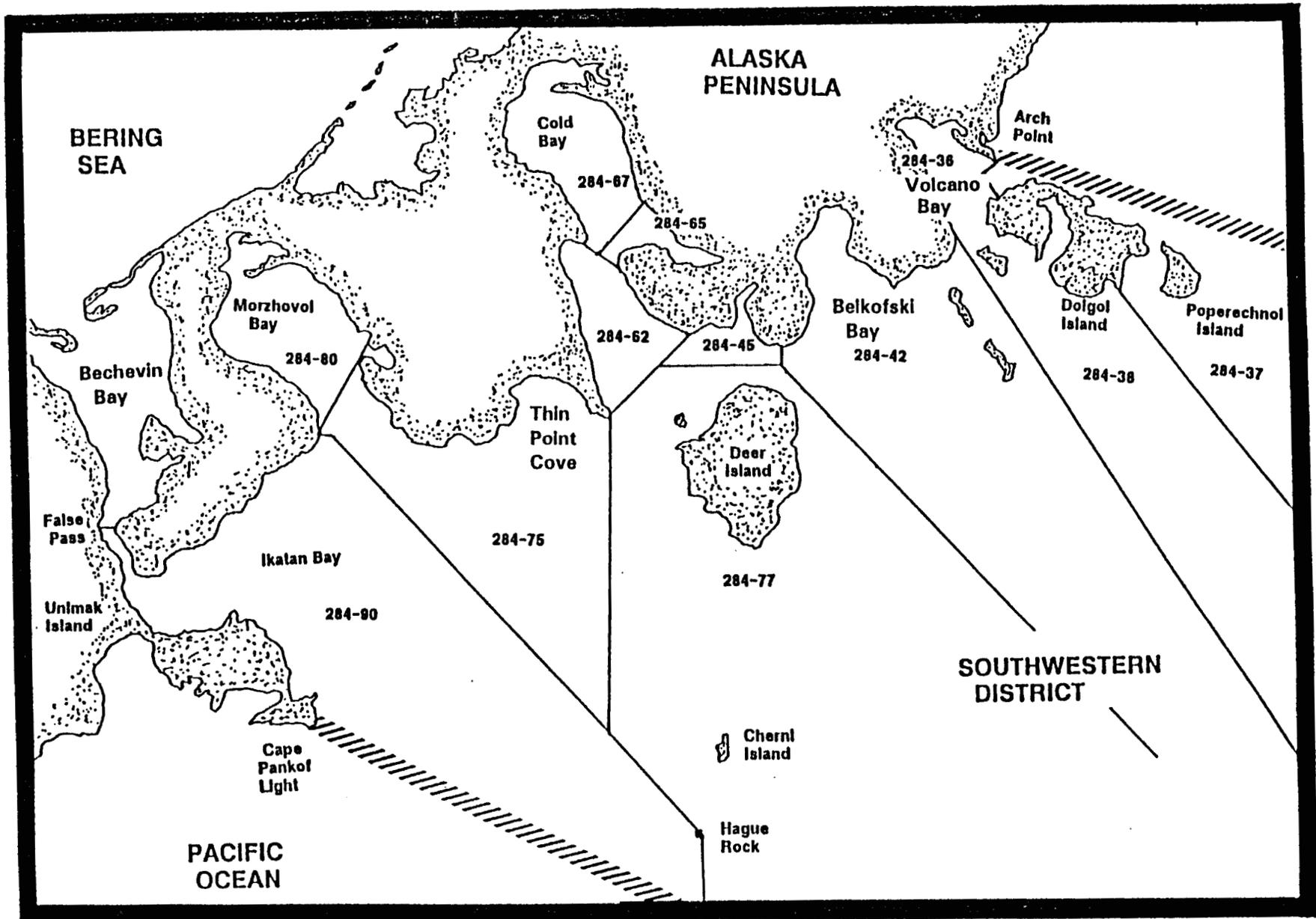


Figure 8. Map of the Alaska Peninsula Management Area from Arch Point to Cape Pankof Light (Southwestern District) with the statistical salmon fishing areas defined.

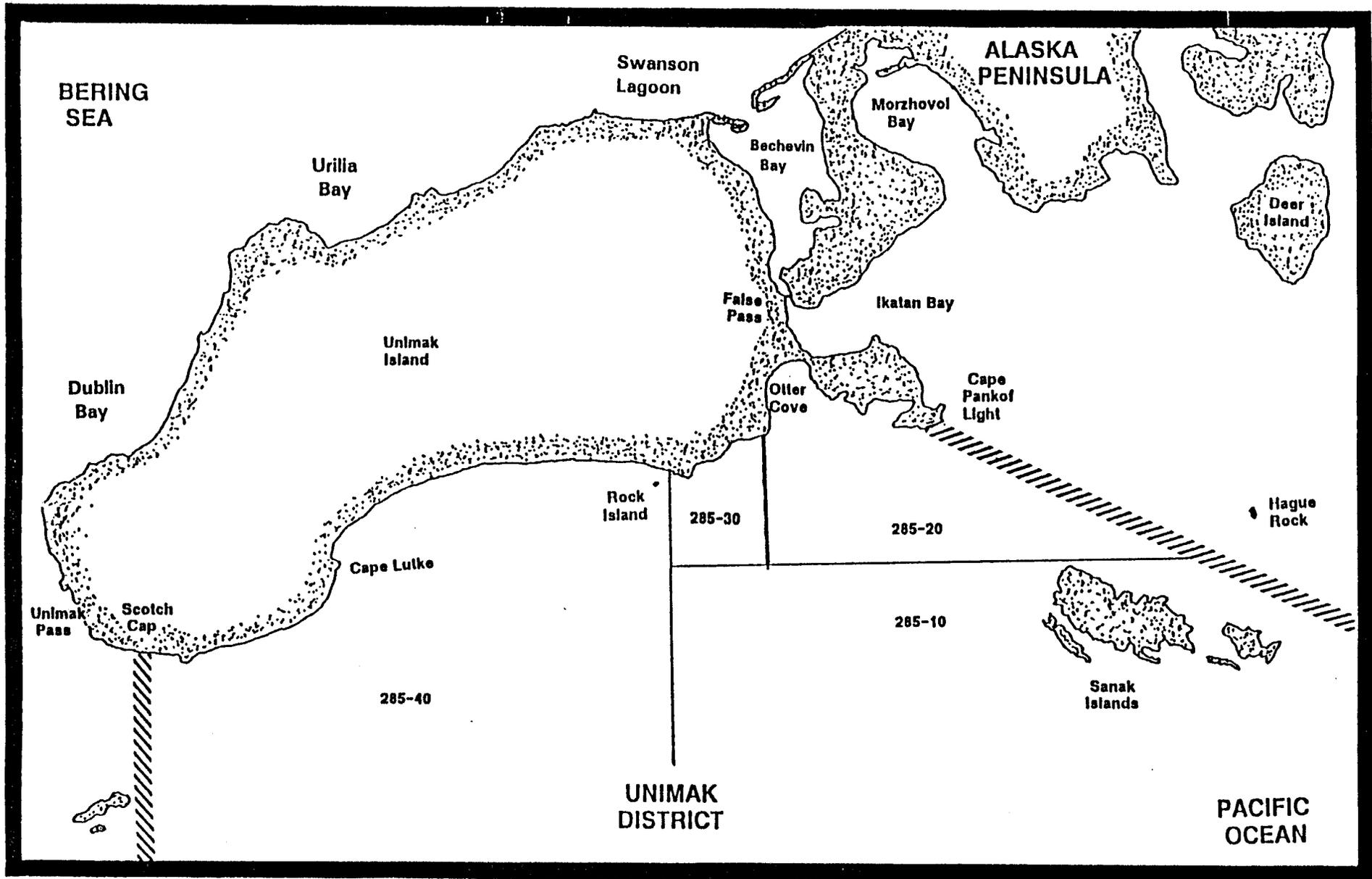


Figure 9. Map of the Alaska Peninsula Management Area from Cape Pankof Light to Scotch Cap (Unimak District) with the statistical salmon fishing areas defined.

APPENDIX

Appendix A.1. Sockeye salmon and smolt escapement catch sampling summary, Alaska Peninsula, 1995.

Area	Period	Sampling Week	Total	Smolt Total
Bear River	25	June 14 - 20		200
	26	June 21 - 27	480	200
	27	June 28 - July 4	240	200
	28	July 05 - 11	240	155
	29	July 12 - 18	240	200
	30	July 19 - 25	240	80
	31	July 26 - August 1	240	
	32	August 02 - 08	240	
	33	August 09 - 15	240	
	34	August 16 - 22	480	
		Season Total	2,640	1,035
Ilnik River	25	June 14 - 20	64	
	26	June 21 - 27	241	
	27	June 28 - July 4	80	
	28	July 05 - 11	70	
		Season Total	455	
Nelson River	26	June 21 - 27	274	
	27	June 28 - July 4	240	
	28	July 05 - 11	240	
	29	July 12 - 18	240	
	30	July 19 - 25	240	
		Season Total	1,234	
Sandy River	26	June 21 - 27	240	13
	27	June 28 - July 4	240	150
	28	July 05 - 11	240	
	29	July 12 - 18	240	
	30	July 19 - 25	127	
		Season Total	1,087	163
Orzinski River	28	July 05 - 11	481	
	30	July 19 - 25	240	
		Season Total	721	
Middle Lagoon	30	July 19 - 25	87	
		Season Total	87	
Thin Point	33	August 09 - 15	200	
		Season Total	200	
ADULT SEASON TOTAL			6,424	
SMOLT SEASON TOTAL			1,198	

Appendix A.2. Sockeye salmon catch sampling summary, King Cove, 1995.

Area	Period	Sampling Week	Total
Bechevin Bay	27	June 28 - July 4	222
Cape Ikatan - Lazaeref	31	July 26 - August 1	302
Cape Lutke (Test Boat)	24	June 07 - 13	342
Cape Lutke	24	June 07 - 13	390
	25	June 14 - 20	549
	26	June 21 - 27	2,232
		Season Total	3,171
Cape Tolstoi	31	July 26 - August 1	600
	32	August 02 - 08	165
	33	August 09 - 15	101
		Season Total	866
Deer Island	31	July 26 - August 1	228
Orzinski Bay	30	July 19 - 25	469
	31	July 26 - August 1	295
		Season Total	564
Pavolf Bay	30	July 19 - 25	414
Shumagin Islands	25	June 14 - 20	954
	27	June 28 - July 04	136
	30	July 19 - 25	600
	31	July 26 - August 1	600
	32	August 02 - 08	600
	33	August 09 - 15	360
		Season Total	3,250
SE Mainland	31	July 26 - August 1	600
	32	August 02 - 08	600
	33	August 09 - 15	600
		Season Total	1,800
Urilia Bay	26	June 21 - 27	400
	27	June 28 - July 4	200
		Season Total	600
Volcano Bay - N. Dogoi	30	July 19 - 25	600
Volcano Bay	32	August 02 - 08	630
SEASON TOTAL			12,359

Appendix A.3. Chum salmon catch sampling summary, King Cove, 1995.

Area	Period	Sampling Week	Total
Bechevin Bay	27	June 28 - July 04	222
Belkoski Bay	31	July 26 - August 1	109
	32	August 02 - 08	273
	33	August 09 - 15	440
		Season Total	822
Canoe Bay	30	July 19 - 25	440
	31	July 26 - August 1	440
	32	August 02 - 08	440
	33	August 09 - 15	91
	Season Total	1,411	
Cape Tolstoi	32	August 02 - 08	179
	33	August 09 - 15	62
		Season Total	241
Cold Bay	31	July 26 - August 1	295
	32	August 02 - 08	440
	33	August 09 - 15	80
	34	August 16 - 22	440
		Season Total	1,255
Deer Island	31	July 26 - August 1	295
Shumagin Is.	25	June 14 - 20	880
	26	June 21 - 27	384
	27	June 28 - July 4	1,240
	30	July 19 - 25	440
	31	July 26 - August 1	440
	32	August 02 - 08	440
	33	August 09 - 15	440
		Season Total	4,264
SE Mainland	31	July 26 - August 1	440
	32	August 02 - 08	440
	33	August 09 - 15	440
	Season Total	1,320	
Swanson Lagoon	27	June 28 - July 04	97
Volcano Bay	32	August 02 - 08	440
	33	August 09 - 15	748
		Season Total	1,188
<u>SEASON TOTAL - 10,820</u>			

Appendix A.4. Coho salmon catch sampling summary, King Cove, 1995.

Area	Period	Sampling Week	Total
Shumagin Is.	30	July 19 - 25	300
	31	July 26 - August 1	300
	32	August 02 - 08	413
	33	August 09 - 15	<u>300</u>
SEASON TOTAL - 503		Season Total	503

Appendix A.5. Chinook salmon catch sampling summary, Port Moller, 1995.

Area	Sampling Week	Sampling Dates	Total
Nelson Lagoon	June 12 - 18	June 13	20
	June 19 - 25	June 21, 22	300
	June 26 - July 1	June 27, 28	<u>300</u>
		Season Total	620
Harbor - Seniavin	June 12 - 18	June 12, 13, 14	140
<u>SEASON TOTAL 760</u>			

Appendix A.6. Sockeye salmon catch sampling summary, Port Moller, 1995.

Area	Sampling Week	Sampling Dates	Total
Nelson Lagoon	June 19 - 25	June 20, 21	600
	June 26 - July 1	June 27	600
	July 02 - 08	July 6	600
	July 09 - 15	July 11	600
	July 16 - 22	July 18, 19	600
	July 23 - 29	July 24, 26	600
	July 30 - Aug. 5	August 1, 2	600
	August 06 - 12	August 8, 9	600
	August 13 - 19	August 16	600
	Season Total		5,400
Harbor - Seniavin	June 12 - 18	June 12, 13, 14	434
Harbor - Strogonof	June 26 - July 1	June 27, 28	1,200
	July 02 - 08	July 6, 7, 8	1,200
	July 09 - 15	July 11, 12, 13	1,200
	July 16 - 22	July 18, 19, 20	1,200
	July 23 - 29	July 24, 25, 26	1,200
	July 30 - Aug. 5	July 31, Aug. 1, 2	1,200
	August 06 - 12	August 7, 8, 9	1,200
	August 13 - 19	August 14, 15, 16	1,200
	August 20 - 26	August 21, 22, 23	1,200
	August 27 - Sept. 2	August 28	1,200
September 03 - 09	September 3	1,200	
	Season Total		13,200
<u>SEASON TOTAL 19,034</u>			

Appendix A.7. Chum salmon catch sampling summary, Port Moller, 1995.

Area	Sampling Week	Sampling Dates	Total
Nelson Lagoon	July 23 - 29	July 24	440
	July 30 - Aug. 5	August 1, 2	440
	August 06 - 12	August 9	<u>440</u>
		Season Total	1,320
Harbor - Strogonof	July 09 - 15	July 11, 12, 13	960
	July 16 - 22	July 18, 19	880
	July 23 - 29	July 24, 25	880
	July 30 - Aug. 5	July 31, Aug. 1	8,800
	August 06 - 12	August 7, 9	800
	August 13 - 19	August 15, 16	<u>260</u>
	Season Total	4,606	
Herendeen Bay	July 16 - 22	July 19	440
SEASON TOTAL			6,366

Appendix A.8. Coho salmon catch sampling summary, Port Moller, 1995.

Area	Sampling Week	Sampling Dates	Total
Nelson Lagoon	July 30 - Aug. 5	August 1, 2	157
	August 06 - 12	August 9, 11	300
	August 13 - 19	August 16	300
	August 20 - 26	August 22	317
	August 27 - Sept.2	August 29	300
		Season Total	1,374
Harbor - Stogonof	July 30 - Aug. 5	July 31, Aug 1, 2, 3	300
	August 06 - 12	August 7, 9, 11	600
	August 13 - 19	August 15, 16	600
	August 20 - 26	August 21, 23	470
	August 27 - Sept.2	August 28	250
		Season Total	2,226
<u>SEASON TOTAL 3,600</u>			

Appendix A.9. Escapement and catch sample summary, Alaska Peninsula, 1995.

AREA	CHINOOK	SOCKEYE	CHUM	COHO	SMOLT
Bear		2,640			1,035
Ilnik		455			
Nelson		1,234			
Sandy		1,087			163
Orzinski		721			
Middle Lagoon		87			
Thin Point		200			
King Cove		12,359	10,820	503	
Port Moller	760	19,034	6,366	3,600	
Season Total	760	37,817	17,186	4,103	1,198
Total Fish Sampled =	61,064				
Total scales collected =	74,893^a				

^a Three scales per chinook, 1 scale per sockeye and chum, 4 scales per coho, and does not including multiple smolt scales.

The Alaska Department of Fish and Game administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972.

If you believe you have been discriminated against in any program, activity, or facility, or if you desire further information please write to ADF&G, P.O. Box 25526, Juneau, AK 99802-5526; U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, Suite 300 Webb, Arlington, VA 22203 or O.E.O., U.S. Department of the Interior, Washington DC 20240.

For information on alternative formats for this and other department publications, please contact the department ADA Coordinator at (voice) 907-465-6077, (TDD) 907-465-3646, or (FAX) 907-465-6078.