

Special Publication No. SP1996-001

Saint Paul: Subsistence Harvest and Use Information

by

Craig Mishler

Lisa Scarbrough

and

James Fall

1996

Alaska Department of Fish and Game

Division of Subsistence



Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the reports by the Division of Subsistence. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

Weights and measures (metric)		General		Mathematics, statistics	
centimeter	cm	Alaska Administrative Code	AAC	<i>all standard mathematical signs, symbols and abbreviations</i>	
deciliter	dL	all commonly-accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.	alternate hypothesis	H_A
gram	g			base of natural logarithm	e
hectare	ha			catch per unit effort	CPUE
kilogram	kg	all commonly-accepted professional titles	e.g., Dr., Ph.D., R.N., etc.	coefficient of variation	CV
kilometer	km			confidence interval	CI
liter	L	at	@	correlation coefficient (multiple)	R
meter	m	compass directions:		correlation coefficient (simple)	r
milliliter	mL	east	E	covariance	cov
millimeter	mm	north	N	degree (angular)	°
		south	S	degrees of freedom	df
Weights and measures (English)		west	W	expected value	E
cubic feet per second	ft ³ /s	copyright	©	greater than	>
foot	ft	corporate suffixes:		greater than or equal to	≥
gallon	gal	Company	Co.	harvest per unit effort	HPUE
inch	in	Corporation	Corp.	less than	<
mile	mi	Incorporated	Inc.	less than or equal to	≤
nautical mile	nmi	Limited	Ltd.	logarithm (natural)	ln
ounce	oz	District of Columbia	D.C.	logarithm (base 10)	log
pound	lb	et alii (and others)	et al.	logarithm (specify base)	log ₂ , etc.
quart	qt	et cetera (and so forth)	etc.	minute (angular)	'
yard	yd	exempli gratia (for example)	e.g.	not significant	NS
		Federal Information Code	FIC	null hypothesis	H_0
Time and temperature		id est (that is)	i.e.	percent	%
day	d	latitude or longitude	lat. or long.	probability	P
degrees Celsius	°C	monetary symbols (U.S.)	\$, ¢	probability of a type I error (rejection of the null hypothesis when true)	α
degrees Fahrenheit	°F	months (tables and figures)	first three letters (Jan.,...,Dec)	probability of a type II error (acceptance of the null hypothesis when false)	β
degrees kelvin	K	registered trademark	®	second (angular)	"
hour	h	trademark	™	standard deviation	SD
minute	min	United States (adjective)	U.S.	standard error	SE
second	s	United States of America (noun)	USA	variance	
		U.S.C.	United States Code	population	Var
Physics and chemistry		U.S. state	two-letter abbreviations (e.g., AK, WA)	sample	var
<i>all atomic symbols</i>					
alternating current	AC	Measures (fisheries)			
ampere	A	fork length	FL		
calorie	cal	mid-eye-to-fork	MEF		
direct current	DC	mid-eye-to-tail-fork	METF		
hertz	Hz	standard length	SL		
horsepower	hp	total length	TL		
hydrogen ion activity (negative log of)	pH				
parts per million	ppm				
parts per thousand	ppt, ‰				
volts	V				
watts	W				

SPECIAL PUBLICATION NO. SP1996-001

SAINT PAUL: SUBSISTENCE HARVEST AND USE INFORMATION

by

Craig Mishler, Lisa Scarbrough, James Fall
Alaska Department of Fish and Game, Division of Subsistence, Anchorage

Alaska Department of Fish and Game
Division of Subsistence
333 Raspberry Road, Anchorage, AK 99518-1599

1996

The Division of Subsistence Special Publications series was established for the publication of techniques and procedure manuals, special subject reports to decision-making bodies, symposia and workshop proceedings, application software documentation, in-house lectures, and other documents that do not fit in another publications series of the Division of Subsistence. Most Special Publications are intended for readers generally interested in fisheries, wildlife, and the social sciences; for natural resource technical professionals and managers; and for readers generally interested the subsistence uses of fish and wildlife resources in Alaska.

Special Publications are available through the Alaska State Library and on the Internet: <http://www.subsistence.adfg.state.ak.us/>.

*Craig Mishler, Lisa Scarbrough, James Fall
Alaska Department of Fish and Game, Division of Subsistence,
333 Raspberry Road, Anchorage, AK 99518-1599, USA*

This document should be cited as:

Mishler, C., L. Scarbrough, and J.A. Fall. 1996. Saint Paul: subsistence harvest and use information. Alaska Department of Fish and Game Division of Subsistence, Special Publication No. SP1996-001, Anchorage.

The Alaska Department of Fish and Game (ADF&G) 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 (ADA) 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 please write:

ADF&G ADA Coordinator, P.O. Box 115526, Juneau, AK, 99811-5526

U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, MS 2042, Arlington, VA, 22203

Office of Equal Opportunity, U.S. Department of the Interior, 1849 C Street NW, MS 5230, Washington DC 20240

The department's ADA Coordinator can be reached via phone at the following numbers:

(VOICE) 907-465-6077, (Statewide Telecommunication Device for the Deaf) 1-800-478-3648, (Juneau TDD)

907-465-3646, or (FAX) 907-465-6078

For information on alternative formats and questions on this publication, please contact:

ADF&G Division of Subsistence at www.subsistence.adfg.state.ak.us.

SAINT PAUL
SUBSISTENCE HARVEST AND USE INFORMATION

Prepared by:

Division of Subsistence
Alaska Department of Fish and Game

For more information, please contact:

Craig Mishler, Lisa Scarbrough, or James Fall
Division of Subsistence
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, Alaska 99518

907-267-2353

July 1996

LIST OF TABLES AND FIGURES

Note: all the information is for a 12-month study year from January 1 through December 31, 1994. It was collected in January 1995 during household interviews conducted by Craig Mishler, Dave Andersen, and Amy Paige from the Division of Subsistence, ADF&G. They were assisted by Anthony Melovidov, Vladimir Melovidov, and Pat Pletnikoff of Saint Paul. The village council approved the project in advance of the interviewing.

Numbers represent estimated totals, meaning that they are expanded to the total community population based upon the information from the sample of households that were interviewed.

Table 1. Sampling and Participation, Saint George and Saint Paul

This table summarizes the number of households surveyed. It also shows the number of households which declined to be interviewed and the number that researchers could not contact.

Table 2. Demographic Characteristics of Households

This table reports various characteristics of the population of the community, including household size, age (in years), length of residency (in years), sex, and ethnicity.

Table 3 and Figure 1. Population Profile by Age and Sex

This figure and table show the number and percent of the community population by age and sex.

Table 4. Employment Characteristics

This table shows various features of cash employment in the community, such as number of jobs, the number and percentage of employed adults, and length of employment. Also shown are the number of jobs and employed adults per household.

Table 5. Employment by Industry Category

This table shows the percentage of jobs held by community residents by the type of industry they are employed in. It also shows the percentage of individuals employed in these categories and the percentage of households with members employed in these categories. Categories are agriculture, forestry, & fishing (including commercial fishing and trapping); manufacturing (such as cannery work); federal government (such as the post office); state government; local government-noneducational (village council); local government-educational (school district); finance, insurance, and real estate (such as the village corporation); services (VPSO, health aides, etc.); transportation, communication, and utilities; mining; retail trade; and construction.

Table 6. Community, Household, and Per Capita Incomes by Employer Types

This table gives the estimated monetary income from all sources (jobs and other sources of income) for the community overall, and the average per household and per person. Total income is given, as well as income by industry type.

Table 7. Community, Household, and Per Capita Other Income by Source

This table shows income from sources other than jobs, such as public assistance, pensions, and the Alaska Permanent Fund Dividend.

Table 8. Participation in the Harvesting and Processing of Wild Resources

This table shows the percentage of people in the community who hunted (for reindeer, marine mammals, or birds), fished (for salmon, other fish, or shellfish), trapped or hunted furbearers, or gathered wild plants in the study year. Also shown is the percentage of people who processed wild resources (butchered, skinned, split fish, put up berries, etc.)

Table 9. Resource Harvest and Use Characteristics

This table shows the percentage of households that used, tried to harvest, harvested, received, and gave away subsistence resources in the study year. It also shows the average number of different kinds of wild foods that were used by each household. Also shown is the estimated harvest of subsistence resources by the community and the average harvest per household and per person, in pounds usable weight.

Table 10. Estimated Harvest and Use of Fish, Land Mammals, Marine Mammals, Birds, and Plant Resources

This table gives detailed information about the harvest and use of specific resources (such as halibut, king crab, and fur seal), resource categories (such as salmon, non-salmon fish, land mammals), and all resources. It gives the percentage of households using, trying to harvest, harvesting, receiving, and giving away each resource. It also reports harvest quantities in usable pounds and in numbers of animals or other reporting units such as gallons (gal).

Table 11. Estimated Amount of Resources Removed from Commercial Harvests

This table reports the estimated amount of resources that households removed from their commercial harvests for their home use and for sharing. It does not include resources that were sold.

Table 12. Estimated Salmon Harvest by Gear Type

This table shows the number of total salmon and the number of salmon by species that were harvested for home use by various subsistence methods, by removing them from commercial catches, and by rod and reel. Also shown is the number of pounds harvested.

Table 13. Estimated Percentages of Salmon Harvest by Species, Gear Type, and Total Salmon Harvest

This table shows the percentage of total salmon and each salmon species that were harvested for home use by various subsistence methods, removing them from commercial catches, and by rod and reel. Percentages are calculated based upon usable pounds and based upon numbers of fish.

Table 14. Percentage of Households Harvesting Salmon by Gear Type and Species

This table shows the percentage of households that caught salmon for home use by using various subsistence methods, removing them from commercial catches, and by rod and reel.

Table 15. Estimated Harvest of Fish Other Than Salmon by Gear Type

This table shows the number of non-salmon fish (such as halibut), by total pounds and the number of pounds per species that were harvested for home use by subsistence gear, removing them from commercial catches, and by rod and reel.

Table 16. Estimated Percentages of Fish Other Than Salmon Harvested by Gear Type

This table shows the percentage of total non-salmon fish and the percentage of each species that were harvested for home use by subsistence gear, removing them from commercial catches, and by rod and reel.

Table 17. Percentage of Households Harvesting Fish Other Than Salmon by Gear Type

This table shows the percentage of households that caught non-salmon fish for home use by subsistence gear, removing them from commercial catches, and by rod and reel.

Table 1. Sampling and Participation, Saint George and Saint Paul

	St. George	St. Paul
Estimated Number of Households	50	158
Number of Households Interviewed	36	84
Number of Households Failed to Contact	6	18
Number of Households which Declined to be Interviewed	8	12
Refusal Rate	15.7%	10.3%
Sample Percentage	72.0%	53.2%

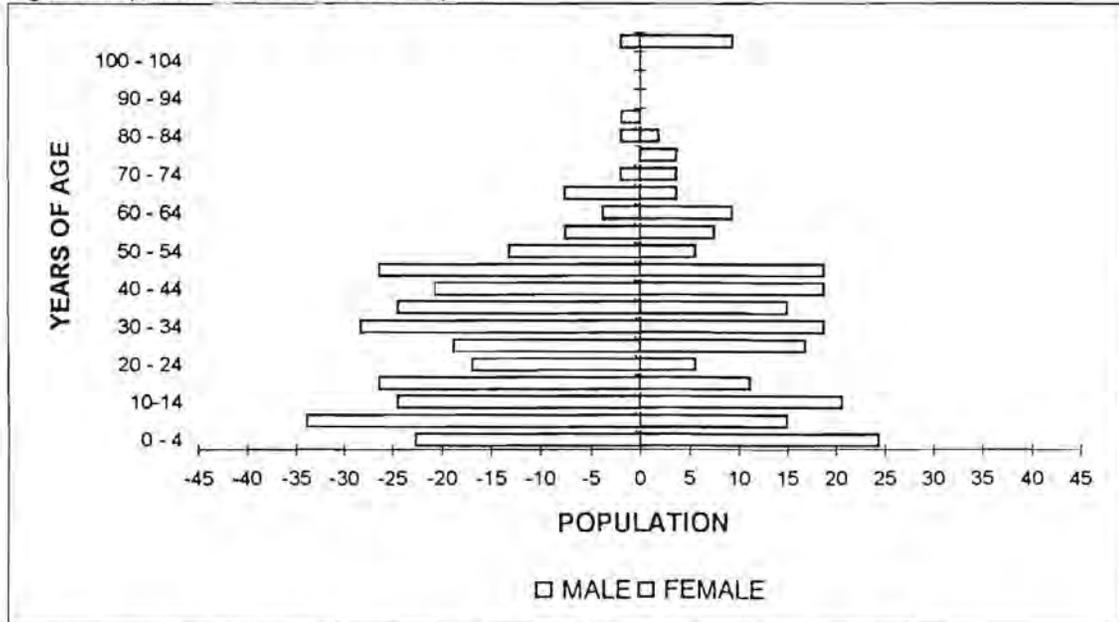
Note: households were selected randomly in St. Paul, with an interview goal of 50%. Only year-round households were included. "Group quarters" (such as fish processing facilities) were excluded from the interview goal.

Table 2. Demographic Characteristics of Households, Saint Paul, 1994

Characteristics		
Sampled Households		84
Number of Households in the Community		158
Percentage of Households Sampled		53.16
Household Size		
Mean		3.12
Minimum		1
Maximum		8
Sample Population		262
Estimated Community Population		492.81
Age		
Mean		30.36
Minimum		0.47
Maximum		87.02
Median		30.42
Length of Residency - Population		
Mean		18.61
Minimum		0.47
Maximum		82.17
Length of Residency - Household Heads		
Mean		25.00
Minimum		0.5
Maximum		82.17
Sex		
Males	Number	282.14
	Percentage	57.25
Females	Number	210.67
	Percentage	42.75
Alaska Native		
Households (Either Head)	Number	124.14
	Percentage	78.57
Estimated Population	Number	389.36
	Percentage	79.01

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995.

Figure 1. Population Profile, Saint Paul, January 1995



SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 3. Population Profile, Saint Paul, January 1995

AGE	MALE			FEMALE			TOTAL		
	NUMBER	PERCENT	CUM. PERCENT	NUMBER	PERCENT	CUM. PERCENT	NUMBER	PERCENT	CUM. PERCENT
0 - 4	22.57	8.00%	8.00%	24.45	11.61%	11.61%	47.02	9.54%	9.54%
5 - 9	33.86	12.00%	20.00%	15.05	7.14%	18.75%	48.90	9.92%	19.47%
10 - 14	24.45	8.67%	28.67%	20.69	9.82%	28.57%	45.14	9.16%	28.63%
15 - 19	26.33	9.33%	38.00%	11.29	5.36%	33.93%	37.62	7.63%	36.26%
20 - 24	16.93	6.00%	44.00%	5.64	2.68%	36.61%	22.57	4.58%	40.84%
25 - 29	18.81	6.67%	50.67%	16.93	8.04%	44.64%	35.74	7.25%	48.09%
30 - 34	28.21	10.00%	60.67%	18.81	8.93%	53.57%	47.02	9.54%	57.63%
35 - 39	24.45	8.67%	69.33%	15.05	7.14%	60.71%	39.50	8.02%	65.65%
40 - 44	20.69	7.33%	76.67%	18.81	8.93%	69.64%	39.50	8.02%	73.66%
45 - 49	26.33	9.33%	86.00%	18.81	8.93%	78.57%	45.14	9.16%	82.82%
50 - 54	13.17	4.67%	90.67%	5.64	2.68%	81.25%	18.81	3.82%	86.64%
55 - 59	7.52	2.67%	93.33%	7.52	3.57%	84.82%	15.05	3.05%	89.69%
60 - 64	3.76	1.33%	94.67%	9.40	4.46%	89.29%	13.17	2.67%	92.37%
65 - 69	7.52	2.67%	97.33%	3.76	1.79%	91.07%	11.29	2.29%	94.66%
70 - 74	1.88	0.67%	98.00%	3.76	1.79%	92.86%	5.64	1.15%	95.80%
75 - 79	0.00	0.00%	98.00%	3.76	1.79%	94.64%	3.76	0.76%	96.56%
80 - 84	1.88	0.67%	98.67%	1.88	0.89%	95.54%	3.76	0.76%	97.33%
85 - 89	1.88	0.67%	99.33%	0.00	0.00%	95.54%	1.88	0.38%	97.71%
90 - 94	0.00	0.00%	99.33%	0.00	0.00%	95.54%	0.00	0.00%	97.71%
95 - 99	0.00	0.00%	99.33%	0.00	0.00%	95.54%	0.00	0.00%	97.71%
100 - 104	0.00	0.00%	99.33%	0.00	0.00%	95.54%	0.00	0.00%	97.71%
Missing	1.88	0.67%	100.00%	9.40	4.46%	100.00%	11.29	2.29%	100.00%
TOTAL	282.14	57.25%		210.67	42.75%		492.81	100.00%	

Table 4. Employment Characteristics, Saint Paul, 1994

Characteristics		
All Adults		
	Number	342.33
	Mean Weeks Employed	31.88
Employed Adults		
	Number	272.74
	Percentage	79.67
	Mean Number of Employed Adults	1.73
Jobs		
	Number	398.76
	Mean	1.46
	Minimum	1
	Maximum	5
Months Employed		
	Mean	9.24
	Minimum	1
	Maximum	12.00
	Percent Employed Year-Round	46.90
	Mean Weeks Employed	40.02
HOUSEHOLDS		
	Number	158
Employed		
	Number	142.95
	Percentage	90.48
Jobs per Employed Household		
	Mean	2.79
	Minimum	1
	Maximum	11
Employed Adults		
	Mean	1.91
	Minimum	1
	Maximum	5
	Means Weeks Employed	69.07

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995.

Table 5. Employment by Industry, Saint Paul, 1994

	Jobs	Households	Individuals	Percentage of Income
Estimated Total Number	398.76	142.95	272.74	
Agriculture, Forestry, Fishing	0.00%	0.00%	0.00%	3.41%
Agriculture/Forestry	0.00%	0.00%	0.00%	0.00%
Agriculture	0.00%	0.00%	0.00%	0.00%
Forestry	0.00%	0.00%	0.00%	0.00%
Fishing, Hunting, Trapping	12.74%	28.95%	17.93%	3.41%
Hatchery/Enhancement	0.00%	0.00%	0.00%	0.00%
Commercial Fishing	12.26%	28.95%	17.93%	3.40%
Hunting/Trapping	0.47%	1.32%	0.69%	0.01%
Mining	0.47%	1.32%	0.69%	0.00%
Construction	7.08%	15.79%	8.28%	4.37%
Manufacturing	4.25%	10.53%	5.52%	9.51%
Cannery	3.77%	9.21%	4.83%	6.60%
Other Manufacturing	0.47%	1.32%	0.69%	2.91%
Logging/Timber	0.00%	0.00%	0.00%	0.00%
Transportation, Communications, and Utilities	2.36%	5.26%	3.45%	3.00%
Trade	8.49%	19.74%	12.41%	6.38%
Wholesale	0.00%	0.00%	0.00%	0.00%
Retail	8.49%	19.74%	12.41%	6.38%
Finance, Insurance, and Real Estate	7.08%	17.11%	10.34%	4.23%
Services	11.32%	25.00%	13.79%	9.85%
Government	44.34%	73.68%	58.62%	59.25%
Federal	2.36%	6.58%	3.45%	3.75%
State	2.83%	6.58%	3.45%	0.05%
Local	39.15%	73.68%	53.79%	55.44%
Local Government	25.47%	52.63%	35.86%	31.37%
Local Education	13.68%	34.21%	19.31%	24.08%
Unknown	1.89%	5.26%	2.76%	0.00%

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 6. Community, Household, and Per Capita Incomes, All Sources and by Employer Types
Saint Paul, 1994

INCOME SOURCE	COMMUNITY TOTAL	AVERAGE HOUSEHOLD	PER CAPITA
All Sources	\$8,010,001.88	\$50,696.21	\$16,253.75
Earned Income	\$6,469,401.22	\$40,945.58	\$13,127.59
Agriculture, Forestry, Fishing	220,661.81	1,396.59	447.76
Agriculture/Forestry	0.00	0.00	0.00
Agriculture	0.00	0.00	0.00
Forestry	0.00	0.00	0.00
Fishing, Hunting, Trapping	220,661.81	1,396.59	447.76
Hatchery/Enhancement	0.00	0.00	0.00
Commercial Fishing	220,097.53	1,393.02	446.62
Hunting/Trapping	564.29	3.57	1.15
Mining	0.00	0.00	0.00
Construction	282,691.34	1,789.19	573.63
Manufacturing	615,109.99	3,893.10	1,248.17
Cannery	427,014.75	2,702.63	866.49
Other Manufacturing	412,441.56	2,610.39	836.92
Logging/Timber	0.00	0.00	0.00
Transportation, Communications, and Utilities	194,365.08	1,230.16	394.40
Trade	412,441.56	2,610.39	836.92
Wholesale	0.00	0.00	0.00
Retail	412,441.56	2,610.39	836.92
Finance, Insurance, and Real Estate	273,907.42	1,733.59	555.81
Services	637,024.40	4,031.80	1,292.64
Government	3,833,199.62	24,260.76	7,778.26
Federal	242,830.95	1,536.90	492.75
State	3,409.23	21.58	6.92
Local	3,586,959.44	22,702.27	7,278.59
Local Government	2,029,147.16	12,842.70	4,117.51
Local Education	1,557,812.29	9,859.57	3,161.08
Unknown	AMT UNK	AMT UNK	AMT UNK
Other Income	\$1,540,600.65	\$9,750.64	\$3,126.16

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 7. Community, Household, and Per Capita Other Income by Source, Saint Paul, 1994

SOURCE	OTHER INCOME			
	PERCENTAGE REPORTING	COMMUNITY TOTAL	AVERAGE HOUSEHOLD	PER CAPITA
All Sources		\$1,540,600.65	\$9,750.64	\$3,126.16
Exxon Claims	0.00	0.00	0.00	0.00
Aid to Families with Dependent Children	3.57	37,914.36	239.96	76.94
Adult Public Assistance	1.19	10,157.14	64.29	20.61
Exxon Damages	0.00	0.00	0.00	0.00
Pension/Retirement	23.81	669,335.80	4,236.30	1,358.20
Longevity Bonus	9.52	50,785.71	321.43	103.05
Social Security	7.14	41,278.63	261.26	83.76
Workman's Comp./Insurance	2.38	4,288.57	27.14	8.70
Energy Assistance	8.33	6,357.31	40.24	12.90
Supplemental Security Income	3.57	39,612.86	250.71	80.38
Food Stamps	4.76	18,427.69	116.63	37.39
Unemployment	2.38	7,042.29	44.57	14.29
Native Corporation Dividend	61.90	28,402.38	179.76	57.63
Dividend/Interest	9.52	14,646.35	92.70	29.72
Child Support	0.00	0.00	0.00	0.00
Rental Income	1.19	9,404.76	59.52	19.08
Veteran Disability	0.00	0.00	0.00	0.00
Equipment Leasing	0.00	0.00	0.00	0.00
Rental Assistance	0.00	0.00	0.00	0.00
Fishing Permit Leasing	0.00	0.00	0.00	0.00
Per Diem	1.19	28,214.29	178.57	57.25
Disability	0.00	0.00	0.00	0.00
Alaska Permanent Fund Dividend	91.67	427,548.00	2,706.00	867.57
Weatherization	0.00	0.00	0.00	0.00
Veteran's Assistance	0.00	0.00	0.00	0.00
Investments/Stocks/Bonds	0.00	0.00	0.00	0.00
Bureau of Indian Affairs Grants	0.00	0.00	0.00	0.00
Housing Allowances/Off-Base Allowances	0.00	0.00	0.00	0.00
Women, Infants, and Children Program	1.19	AMT UNK	AMT UNK	AMT UNK
General Assistance Grant	0.00	0.00	0.00	0.00
Foster Care	0.00	0.00	0.00	0.00
Inheritance	1.19	63,952.38	404.76	129.77
Contest Winnings	0.00	0.00	0.00	0.00
Capital Gains	1.19	470.24	2.98	0.95
ASRC Elder Trust	0.00	0.00	0.00	0.00
Supplemental Union Benefits	0.00	0.00	0.00	0.00
Gifts	0.00	0.00	0.00	0.00
Medicare/Medicaid	0.00	0.00	0.00	0.00
Other	1.19	82,761.90	523.81	167.94

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 8: Participation in the Harvest and Processing of Wild Resources,
Saint Paul, 1994

Total Number of People			492.81
GAME	Hunt	Number	141.07
		Percentage	28.63
		Missing	0.00
		Missing %	0.00
	Process	Number	238.88
		Percentage	48.47
		Missing	0.00
		Missing %	0.00
FISH	Fish	Number	180.57
		Percentage	36.64
		Missing	0.00
		Missing %	0.00
	Process	Number	287.79
		Percentage	58.40
		Missing	0.00
		Missing %	0.00
FURBEARERS	Hunt or Trap	Number	3.76
		Percentage	0.76
		Missing	0.00
		Missing %	0.00
	Process	Number	3.76
		Percentage	0.76
		Missing	0.00
		Missing %	0.00
PLANTS	Gather	Number	295.31
		Percentage	59.92
		Missing	0.00
		Missing %	0.00
	Process	Number	235.12
		Percentage	47.71
		Missing	0.00
		Missing %	0.00
ANY RESOURCE	Attempt	Number	363.02
		Percent	73.66
	Process	Number	336.69
		Percent	68.32

SOURCE: Alaska Department of Fish and Game, Division of Subsistence,
Household Survey, 1995.

Table 9. Resource Harvest and Use Characteristics for the Community of Saint Paul, 1994

Study Community	Saint Paul
Mean Number Of Resources Used Per Household	8.08
Minimum	0
Maximum	32
95 % Confidence Limit (+/-)	9.46
Median	7
Mean Number Of Resources Attempted To Harvest Per Household	4.60
Minimum	0
Maximum	28
95 % Confidence Limit (+/-)	14.35
Median	3
Mean Number Of Resources Harvested Per Household	4.45
Minimum	0
Maximum	27
95 % Confidence Limit (+/-)	14.57
Median	3
Mean Number Of Resources Received Per Household	4.69
Minimum	0
Maximum	13
95 % Confidence Limit (+/-)	10.56
Median	4
Mean Number Of Resources Given Away Per Household	3.38
Minimum	0
Maximum	25
95 % Confidence Limit (+/-)	18.67
Median	2
Mean Household Harvest, Pounds	834.27
Minimum	0.00
Maximum	22,421.16
Total Pounds Harvested	131,813.98
Community Per Capita Harvest, Pounds	267.47
Percent Using Any Resource	98.81
Percent Attempting To Harvest Any Resource	89.29
Percent Harvesting Any Resource	89.29
Percent Receiving Any Resource	95.24
Percent Giving Away Any Resource	76.19
Number Of Households In Sample	84
Number of Resources Available	85

Source: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 10. Estimated Harvest and Use of Fish, Game, and Plant Resources, Saint Paul, 1994

Resource Name	Percentage of Households					Pounds Harvested			Amount Harvested		95% Conf Limit (+/-)
	Use	Att	Harv	Recv	Give	Total	Mean HH	Percapita	Total	Mean HH	Harvest
Caribou	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Deer	3.6	1.2	0.0	3.6	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Moose	11.9	0.0	0.0	11.9	2.4	0.00	0.00	0.00	0.00	0.00	0.00%
Sheep, Dall	1.2	1.2	1.2	0.0	1.2	122.26	0.77	0.25	1.88	0.01	136.12%
Small Game/Furbearer	2.4	2.4	2.4	0.0	0.0	0.00	0.00	0.00	62.07	0.39	124.21%
Fox	2.4	2.4	2.4	0.0	0.0	0.00	0.00	0.00	62.07	0.39	124.21%
Arctic Fox	2.4	2.4	2.4	0.0	0.0	0.00	0.00	0.00	62.07	0.39	124.21%
Feral Animals	53.6	23.8	22.6	31.0	26.2	4,232.14	26.79	8.59	67.71	0.43	30.57%
Reindeer - Feral	53.6	23.8	22.6	31.0	26.2	4,232.14	26.79	8.59	67.71	0.43	30.57%
Marine Mammals	71.4	50.0	45.2	66.7	36.9	63,506.98	401.94	128.87	1,984.31	12.56	117.06%
Whale	1.2	0.0	0.0	1.2	1.2	0.00	0.00	0.00	0.00	0.00	0.00%
Unknown Whale	1.2	0.0	0.0	1.2	1.2	0.00	0.00	0.00	0.00	0.00	0.00%
Seal	69.0	38.1	38.1	54.8	29.8	35,292.69	223.37	71.62	1,843.24	11.67	125.80%
Fur Seal	69.0	38.1	38.1	54.8	29.8	35,187.36	222.70	71.40	1,841.36	11.65	125.93%
Fur Seal (communal)	66.7	34.5	34.5	53.6	28.6	31,717.00	200.74	64.36	1,610.00	10.19	136.12%
Fur Seal (other)	16.7	9.5	9.5	9.5	7.1	3,470.36	21.96	7.04	231.36	1.46	65.55%
Harbor Seal	1.2	1.2	1.2	0.0	1.2	105.33	0.67	0.21	1.88	0.01	136.12%
Unknown Seal	1.2	0.0	0.0	1.2	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Walrus	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Steller Sea Lion	60.7	33.3	27.4	50.0	23.8	28,214.29	178.57	57.25	141.07	0.89	29.33%
Birds and Eggs	52.4	34.5	34.5	34.5	26.2	1,443.97	9.14	2.93	2,401.98	15.20	30.23%
Birds	45.2	32.1	32.1	23.8	25.0	1,313.77	8.32	2.67	1,811.36	11.46	31.76%
Upland Game Birds	1.2	1.2	1.2	0.0	0.0	10.53	0.07	0.02	15.05	0.10	136.12%
Grouse	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Ptarmigan	1.2	1.2	1.2	0.0	0.0	10.53	0.07	0.02	15.05	0.10	136.12%
Willow Ptarmigan	1.2	1.2	1.2	0.0	0.0	10.53	0.07	0.02	15.05	0.10	136.12%
Migratory Birds	44.0	31.0	31.0	23.8	25.0	1,303.24	8.25	2.64	1,796.31	11.37	32.06%
Waterfowl	35.7	25.0	23.8	17.9	15.5	625.19	3.96	1.27	494.69	3.13	43.26%
Ducks	33.3	22.6	21.4	17.9	14.3	581.21	3.68	1.18	468.36	2.96	41.52%
Eider	31.0	20.2	20.2	15.5	13.1	475.84	3.01	0.97	334.81	2.12	38.15%
Eider, Small	2.4	1.2	1.2	1.2	1.2	8.80	0.06	0.02	11.29	0.07	136.12%
Steller Eiders	2.4	1.2	1.2	1.2	1.2	8.80	0.06	0.02	11.29	0.07	136.12%
Eider, Large	29.8	20.2	20.2	14.3	13.1	467.04	2.96	0.95	323.52	2.05	36.90%
King Eiders	29.8	20.2	20.2	14.3	13.1	454.57	2.88	0.92	317.88	2.01	36.82%

Table 10. Estimated Harvest and Use of Fish, Game, and Plant Resources, Saint Paul, 1994

Resource Name	Percentage of Households					Pounds Harvested			Amount Harvested		95% Conf Limit (+/-)
	Use	Att	Harv	Recv	Give	Total	Mean HH	Percapita	Total	Mean HH	Harvest
Common Eiders	2.4	2.4	2.4	1.2	0.0	12.47	0.08	0.03	5.64	0.04	100.97%
Scoter	4.8	3.6	3.6	1.2	2.4	42.36	0.27	0.09	47.02	0.30	105.87%
Scoter, White-winged	1.2	1.2	1.2	0.0	1.2	9.18	0.06	0.02	7.52	0.05	136.12%
Scoter, Surf	3.6	2.4	2.4	1.2	1.2	33.18	0.21	0.07	39.50	0.25	123.68%
Harlequin	3.6	3.6	2.4	1.2	1.2	10.35	0.07	0.02	20.69	0.13	124.21%
Mallard	1.2	1.2	0.0	1.2	1.2	0.00	0.00	0.00	0.00	0.00	0.00%
Pintail	2.4	2.4	2.4	0.0	2.4	21.07	0.13	0.04	26.33	0.17	104.28%
Oldsquaw	6.0	4.8	4.8	1.2	3.6	31.60	0.20	0.06	39.50	0.25	77.09%
Ducks, Unknown	1.2	0.0	0.0	1.2	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Geese	4.8	3.6	3.6	1.2	3.6	43.98	0.28	0.09	26.33	0.17	100.55%
Black Brant	2.4	2.4	2.4	0.0	2.4	18.06	0.11	0.04	15.05	0.10	107.22%
Emperor Geese	2.4	1.2	1.2	1.2	2.4	18.81	0.12	0.04	7.52	0.05	136.12%
Geese, Unknown	1.2	1.2	1.2	0.0	0.0	7.11	0.05	0.01	3.76	0.02	136.12%
Shorebirds	1.2	1.2	1.2	0.0	0.0	0.73	0.00	0.00	5.64	0.04	136.12%
Plover	1.2	1.2	1.2	0.0	0.0	0.73	0.00	0.00	5.64	0.04	136.12%
Golden Plover	1.2	1.2	1.2	0.0	0.0	0.73	0.00	0.00	5.64	0.04	136.12%
Seabirds	36.9	23.8	23.8	17.9	21.4	677.31	4.29	1.37	1,295.98	8.20	32.18%
Cormorants	6.0	4.8	4.8	1.2	3.6	69.22	0.44	0.14	37.62	0.24	71.56%
Red-faced Cormorant	6.0	4.8	4.8	1.2	3.6	69.22	0.44	0.14	37.62	0.24	71.56%
Puffins	1.2	1.2	1.2	0.0	1.2	5.12	0.03	0.01	7.52	0.05	136.12%
Tufted Puffin	1.2	1.2	1.2	0.0	1.2	5.12	0.03	0.01	7.52	0.05	136.12%
Kittiwakes	29.8	20.2	20.2	10.7	19.0	281.92	1.78	0.57	808.81	5.12	36.71%
Black Legged Kittiwake	17.9	13.1	13.1	4.8	13.1	124.59	0.79	0.25	346.10	2.19	43.40%
Red legged Kittiwake	26.2	17.9	17.9	9.5	17.9	157.32	1.00	0.32	462.71	2.93	44.49%
Unknown Kittiwake	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Murre	21.4	10.7	10.7	10.7	9.5	313.46	1.98	0.64	361.14	2.29	46.69%
Common Murre	19.0	10.7	10.7	8.3	8.3	292.92	1.85	0.59	336.69	2.13	47.49%
Thick-billed Murre	2.4	2.4	2.4	0.0	2.4	20.54	0.13	0.04	24.45	0.15	108.95%
Unknown Murre	2.4	0.0	0.0	2.4	1.2	0.00	0.00	0.00	0.00	0.00	0.00%
Auklet	4.8	3.6	3.6	1.2	2.4	7.60	0.05	0.02	80.88	0.51	80.25%
Parakeet Auklet	1.2	1.2	1.2	0.0	0.0	1.58	0.01	0.00	5.64	0.04	136.12%
Least Auklet	4.8	3.6	3.6	1.2	2.4	6.02	0.04	0.01	75.24	0.48	79.03%
Eggs	25.0	9.5	9.5	20.2	4.8	130.20	0.82	0.26	590.62	3.74	68.90%
Seabird Eggs	25.0	9.5	9.5	20.2	4.8	130.20	0.82	0.26	590.62	3.74	68.90%

Table 10. Estimated Harvest and Use of Fish, Game, and Plant Resources, Saint Paul, 1994

Resource Name	Percentage of Households					Pounds Harvested			Amount Harvested		95% Conf Limit (+/-)
	Use	Att	Harv	Recv	Give	Total	Mean HH	Percapita	Total	Mean HH	Harvest
Murre Eggs	25.0	8.3	8.3	20.2	4.8	129.26	0.82	0.26	571.81	3.62	71.13%
Common Murre Eggs	16.7	7.1	7.1	13.1	3.6	125.03	0.79	0.25	543.60	3.44	74.64%
Thick-Billed Murre Eggs	1.2	1.2	1.2	0.0	1.2	4.23	0.03	0.01	28.21	0.18	136.12%
Unknown Murre Eggs	7.1	0.0	0.0	7.1	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Kittiwake Eggs	1.2	0.0	0.0	1.2	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Least Auklet Eggs	1.2	1.2	1.2	0.0	0.0	0.94	0.01	0.00	18.81	0.12	136.12%
Marine Invertebrates	54.8	21.4	21.4	47.6	23.8	898.59	5.69	1.82			69.93%
Clams	1.2	1.2	1.2	0.0	1.2	112.86	0.71	0.23	37.62 gal	0.24	136.12%
Butter Clams	1.2	1.2	1.2	0.0	1.2	16.93	0.11	0.03	5.64 gal	0.04	136.12%
Razor Clams	1.2	1.2	1.2	0.0	0.0	28.21	0.18	0.06	9.40 gal	0.06	136.12%
Pacific Littleneck Clams	1.2	1.2	1.2	0.0	1.2	67.71	0.43	0.14	22.57 gal	0.14	136.12%
Mussels	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00 gal	0.00	0.00%
Blue Mussels	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00 gal	0.00	0.00%
Crabs	48.8	8.3	8.3	45.2	16.7	574.44	3.64	1.17	212.55	1.35	103.35%
King Crab	38.1	6.0	6.0	34.5	14.3	207.66	1.31	0.42	90.29	0.57	100.64%
King Crab, Blue	1.2	0.0	0.0	1.2	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
King Crab, Unknown	36.9	6.0	6.0	33.3	14.3	207.66	1.31	0.42	90.29	0.57	100.64%
Tanner Crab	23.8	0.0	0.0	23.8	10.7	0.00	0.00	0.00	0.00	0.00	0.00%
Tanner Crab, Bairdi	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Tanner Crab, Opillio	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00%
Tanner Crab, Unknown	23.8	0.0	0.0	23.8	10.7	0.00	0.00	0.00	0.00	0.00	0.00%
Hair Crab	6.0	3.6	3.6	2.4	2.4	366.79	2.32	0.74	122.26	0.77	107.48%
Octopus	7.1	3.6	3.6	4.8	2.4	135.43	0.86	0.27	33.86	0.21	86.79%
Sea Cucumber	1.2	1.2	1.2	0.0	1.2	3.76	0.02	0.01	1.88 gal	0.01	136.12%
Sea Urchin	13.1	11.9	11.9	4.8	8.3	58.00	0.37	0.12	115.99 gal	0.73	56.59%
Snails	1.2	0.0	0.0	1.2	0.0	0.00	0.00	0.00	0.00 gal	0.00	0.00%
Limpets	1.2	1.2	1.2	0.0	0.0	14.11	0.09	0.03	9.40 gal	0.06	136.12%
Plants and Berries	78.6	73.8	73.8	25.0	29.8	2,349.87	14.87	4.77	587.47 gal	3.72	22.32%
Berries	76.2	69.0	69.0	22.6	28.6	1,761.14	11.15	3.57	440.28 gal	2.79	24.95%
Plants/Greens/Mushrooms	45.2	44.0	44.0	3.6	4.8	588.74	3.73	1.19	147.18 gal	0.93	27.83%
Wild Celery	21.4	21.4	21.4	0.0	2.4	389.36	2.46	0.79	97.34 gal	0.62	39.60%
Unknown Greens, from land	23.8	22.6	22.6	3.6	2.4	199.38	1.26	0.40	49.85 gal	0.32	40.57%
Seaweed/Kelp (Food)	2.4	0.0	0.0	2.4	0.0	0.00	0.00	0.00	0.00 gal	0.00	0.00%
Bull Kelp	1.2	0.0	0.0	1.2	0.0	0.00	0.00	0.00	0.00 gal	0.00	0.00%

Table 10. Estimated Harvest and Use of Fish, Game, and Plant Resources, Saint Paul, 1994

Resource Name	Percentage of Households					Pounds Harvested			Amount Harvested		95% Conf Limit (+/-)
	Use	Att	Harv	Recv	Give	Total	Mean HH	Per capita	Total	Mean HH	Harvest
Unknown Seaweed	1.2	0.0	0.0	1.2	0.0	0.00	0.00	0.00	0.00 gal	0.00	0.00%
Wood	3.6	3.6	3.6	1.2	0.0	0.00	0.00	0.00	7.52 crd	0.05	82.52%

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 11, Estimated Amount of Resources Removed From Commercial Harvests, Saint Paul, 1994

Resource	Removed From Catch		Percent of	
	Amount	Pounds	Species Harvest (lbs)	Community Harvest (lbs)
All Resources		14,509.01	24.12	11.01
Fish		14,436.78	24.36	10.95
Salmon	9.40	36.58	2.43	0.03
Sockeye Salmon	9.40	36.58	3.16	0.03
Non-Salmon Fish		14,400.20	24.93	10.92
Cod	92.17	294.93	74.24	0.22
Pacific Cod	92.17	294.93	74.24	0.22
Halibut	438.60	14,039.43	27.27	10.65
Sculpin	131.67	65.83	100.00	0.05
Unknown Sculpin	131.67	65.83	100.00	0.05
Marine Invertebrates		72.23	8.04	0.05
Crabs	15.05	34.61	6.02	0.03
King Crab	15.05	34.61	16.67	0.03
King Crab, Unknown	15.05	34.61	16.67	0.03
Octopus	9.40	37.62	27.78	0.03

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 12. Estimated Salmon Harvest by Gear Type, Saint Paul, 1994

	Harvest Units	Subsistence Gear								Removed from Commercial Catch		Rod and Reel		Any Method	
		Set Net		Dip Net		Other		Any Method		Total	HH Mean	Total	HH Mean	Total	HH Mean
		Total	HH Mean	Total	HH Mean	Total	HH Mean	Total	HH Mean						
Salmon	numbers	73.36	0.46	45.14	0.29	188.10	1.19	306.60	1.94	9.40	0.06	56.43	0.36	372.43	2.36
	pounds	290.95	1.84	182.32	1.15	731.69	4.63	1,204.96	7.63	36.58	0.23	264.73	1.68	1,506.27	9.53
Chum Salmon	numbers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	pounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coho Salmon	numbers	5.64	0.04	24.45	0.15	0.00	0.00	30.10	0.19	0.00	0.00	24.45	0.15	54.55	0.35
	pounds	27.54	0.17	119.33	0.76	0.00	0.00	146.86	0.93	0.00	0.00	119.33	0.76	266.19	1.68
Chinook Salmon	numbers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.76	0.02	3.76	0.02
	pounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.39	0.28	44.39	0.28
Pink Salmon	numbers	0.00	0.00	11.29	0.07	0.00	0.00	11.29	0.07	0.00	0.00	5.64	0.04	16.93	0.11
	pounds	0.00	0.00	26.41	0.17	0.00	0.00	26.41	0.17	0.00	0.00	13.20	0.08	39.61	0.25
Sockeye Salmon	numbers	67.71	0.43	9.40	0.06	188.10	1.19	265.21	1.68	9.40	0.06	22.57	0.14	297.19	1.88
	pounds	263.41	1.67	36.58	0.23	731.69	4.63	1,031.68	6.53	36.58	0.23	87.80	0.56	1,156.07	7.32
Unknown Salmon	numbers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	pounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 13. Estimated Percentages of Salmon Harvest By Resource, Gear Type, and Salmon Total Harvest Saint Paul, 1994

Resource	Percent Base	Subsistence Methods								Removed from Commercial Catch		Rod and Reel		Any Method	
		Net		Dip Net		Other		Subsistence Gear Any Method							
		No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.
	total	19.70	19.32	12.12	12.10	50.51	48.58	82.32	80.00	2.53	2.43	15.15	17.57		
Chum Salmon	geatype	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	resource	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coho Salmon	geatype	7.69	9.46	54.17	65.45	0.00	0.00	9.82	12.19	0.00	0.00	43.33	45.08		
	resource	10.34	10.34	44.83	44.83	0.00	0.00	55.17	55.17	0.00	0.00	44.83	44.83		
	total	1.52	1.83	6.57	7.92	0.00	0.00	8.08	9.75	0.00	0.00	6.57	7.92	14.65	17.67
Chinook Salmon	geatype	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.67	16.77		
	resource	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00		
	total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01	2.95	1.01	2.95
Pink Salmon	geatype	0.00	0.00	25.00	14.48	0.00	0.00	3.68	2.19	0.00	0.00	10.00	4.99		
	resource	0.00	0.00	66.67	66.67	0.00	0.00	66.67	66.67	0.00	0.00	33.33	33.33		
	total	0.00	0.00	3.03	1.75	0.00	0.00	3.03	1.75	0.00	0.00	1.52	0.88	4.55	2.63
Sockeye Salmon	geatype	92.31	90.54	20.83	20.07	100.00	100.00	86.50	85.62	100.00	100.00	40.00	33.17		
	resource	22.78	22.78	3.16	3.16	63.29	63.29	89.24	89.24	3.16	3.16	7.59	7.59		
	total	18.18	17.49	2.53	2.43	50.51	48.58	71.21	68.49	2.53	2.43	6.06	5.83	79.80	76.75
Unknown Salmon	geatype	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	resource	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 14. Percentage Households Harvesting Salmon By Gear Type and Species, Saint Paul, 1994

Resource	Subsistence Methods				Removed from Commercial Catch	Rod and Reel	Any Method
	Net	Dip Net	Other	Any Subsistence Gear			
Salmon	2.38	2.38	1.19	5.95	1.19	5.95	8.33
Chum Salmon	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coho Salmon	1.19	1.19	0.00	2.38	0.00	2.38	4.76
Chinook Salmon	0.00	0.00	0.00	0.00	0.00	2.38	2.38
Pink Salmon	0.00	1.19	0.00	1.19	0.00	1.19	2.38
Sockeye Salmon	2.38	1.19	1.19	4.76	1.19	2.38	5.95
Unknown Salmon	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 15. Estimated Harvest of Fish Other Than Salmon By Gear Type, Saint Paul, 1994

	Harvest Units	Subsistence Gear		Removed From Commercial Catch		Rod and Reel		Any Method	
		Total	HH Mean	Total	HH Mean	Total	HH Mean	Total	HH Mean
		Non-Salmon Fish	pounds	37,646.13	238.27	14,400.20	91.14	5,707.56	36.12
Pike	pounds	0.00	0.00	0.00	0.00	10.53	0.07	10.53	0.07
Sheefish	pounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pacific Cod	pounds	102.32	0.65	294.93	1.87	0.00	0.00	397.26	2.51
Sablefish	pounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unknown Flounder	pounds	112.86	0.71	0.00	0.00	5,597.71	35.43	5,710.57	36.14
Halibut	pounds	37,355.71	236.43	14,039.43	88.86	94.05	0.60	51,489.19	325.88
Herring Roe	pounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unknown Rockfish	pounds	56.43	0.36	0.00	0.00	0.00	0.00	56.43	0.36
Unknown Sculpin	pounds	0.00	0.00	65.83	0.42	0.00	0.00	65.83	0.42
Unknown Greenling	pounds	18.81	0.12	0.00	0.00	0.00	0.00	18.81	0.12
Dolly Varden	pounds	0.00	0.00	0.00	0.00	5.27	0.03	5.27	0.03
Lake Trout	pounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rainbow Trout	pounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 16. Estimated Percentages of Fish Other Than Salmon Harvested By Gear Type, Saint Paul, 1994

Resource	Percent Base	Subsistence Gear	Removed from Commercial Catch	Rod and Reel
		Lbs.	Lbs.	Lbs.
Non-Salmon Fish	resource	65.18	24.93	9.88
Pike	resource	0.00	0.00	100.00
Sheefish	resource	0.00	0.00	0.00
Pacific Cod	resource	25.76	74.24	0.00
Sablefish	resource	0.00	0.00	0.00
Unknown Flounder	resource	1.98	0.00	98.02
Halibut	resource	72.55	27.27	0.18
Herring Roe	resource	0.00	0.00	0.00
Unknown Rockfish	resource	100.00	0.00	0.00
Unknown Sculpin	resource	0.00	100.00	0.00
Unknown Greenling	resource	100.00	0.00	0.00
Dolly Varden	resource	0.00	0.00	100.00
Lake Trout	resource	0.00	0.00	0.00
Rainbow Trout	resource	0.00	0.00	0.00

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995

Table 17. Percentage of Households Harvesting Fish Other Than Salmon by Gear Type and Species, Saint Paul, 1994

Resource	Subsistence Gear	Removed from Commercial Catch	Rod and Reel	Any Method
Non-Salmon Fish	47.62	22.62	7.14	57.14
Pike	0.00	0.00	1.19	1.19
Sheefish	0.00	0.00	0.00	0.00
Pacific Cod	3.57	5.95	0.00	7.14
Sablefish	0.00	0.00	0.00	0.00
Unknown Flounder	1.19	0.00	4.76	5.95
Halibut	47.62	20.24	1.19	54.76
Herring Roe	0.00	0.00	0.00	0.00
Unknown Rockfish	1.19	0.00	0.00	1.19
Unknown Sculpin	0.00	2.38	0.00	2.38
Unknown Greenling	1.19	0.00	0.00	1.19
Dolly Varden	0.00	0.00	1.19	1.19
Lake Trout	0.00	0.00	0.00	0.00
Rainbow Trout	0.00	0.00	0.00	0.00

SOURCE: Alaska Department of Fish and Game, Division of Subsistence, Household Survey, 1995