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THE ECONOMIC IMPACT OF THE SHORESIDE PROCESSING INDUSTRY UPON ALASKA DURING 1993

prepared for the

Pacific Seafood Processors Association

by

Pacific Associates

in conjunction with

Capital Associates

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Table of Contents

Executive Summary 1

Chapter 1 Introduction 5

1.1 Purpose/Organization of Document 5

1.2 Methodology 5
- 1.2.1 Comments on Data and Calculations 5
- 1.2.2 Employment 6
- 1.2.3 Harvest Data 6
- 1.2.4 Regions 6
- 1.2.5 The Use of Multipliers 7

1.3 Overview 7

Chapter 2 Review of Statewide Impacts 9

2.1 Introduction 9

2.2 Purchases of Fish and Shellfish 9
- 2.2.1 Salmon 10
- 2.2.2 Halibut 11
- 2.2.3 Herring 12
- 2.2.4 Sablefish 12
- 2.2.5 Groundfish 12
- 2.2.6 Shellfish 13
- 2.2.7 Other Species 14

2.3 Statewide Purchases of goods & Services 14
- 2.3.1 Consumables 15
- 2.3.2 Services 15
- 2.3.3 Electricity 15
- 2.3.4 Water 15
- 2.3.5 Sewer 15
- 2.3.6 Other Purchases 16

2.4 Employment 16
- 2.4.1 Direct Employment and Employer Overhead Expenditures 16
- 2.4.2 Transportation 17
- 2.4.3 Indirect Employment 17

Table of Contents

2.5	Taxes, Assessments, and Fees	18
Chapter 3	**Review of Impacts in the Alaska Peninsula**	69
3.1	Introduction	69
3.2	Purchases of Fish and Shellfish	69
3.3	Employment	70
3.4	Purchases of Goods and Services	70
3.5	Taxes	70
Chapter 4	**Review of Impacts in Bristol Bay**	77
4.1	Introduction	77
4.2	Purchases of Fish and Shellfish	77
4.3	Employment	78
4.4	Purchases of Goods and Services	78
4.5	Fish Taxes	78
Chapter 5	**Economic Impacts in the Aleutians/Bering Sea Region**	85
5.1	Introduction	85
5.2	Purchases of Fish and Shellfish	85
5.3	Employment	86
5.4	Purchases of Good and Services	86
5.5	Fish Taxes	86
Chapter 6	**Impacts in the Kenai/Cook Inlet Region**	93
6.1	Introduction	93
6.2	Purchases of Fish and Shellfish	93
6.3	Employment	94
6.4	Purchases of Goods and Services	94
6.5	Fish Taxes	94
Chapter 7	**Impacts in the Kodiak Region**	101
7.1	Introduction	101
7.2	Purchases of Fish and Shellfish	101
7.3	Employment	102
7.4	Purchases of Goods and Services	102
7.5	Fish Taxes	102

Chapter 8 Impacts in Prince William Sound 109

8.1 Introduction 109
8.2 Purchases of Fish and Shellfish 109
8.3 Employment 110
8.4 Purchases of Goods and Services 110
8.5 Fish Taxes 110

Chapter 9 Impacts in Southeast Alaska 117

9.1 Introduction 117
9.2 Purchases of Fish and Shellfish 117
9.3 Employment 118
9.4 Purchases of Goods and Services 118
9.5 Fish Taxes 118

List of Tables

Table 2-1	Economic Impact of the Shoreside Seafood Processing Industry on Alaska During 1993 - Total Statewide	20
Table 2-2	Economic Impact of the Shoreside Seafood Processing Industry on Alaska During 1993 - First Quarter Statewide	21
Table 2-3	Economic Impact of the Shoreside Seafood Processing Industry on Alaska During 1993 - Second Quarter Statewide	22
Table 2-4	Economic Impact of the Shoreside Seafood Processing Industry on Alaska During 1993 - Third Quarter Statewide	23
Table 2-5	Economic Impact of the Shoreside Seafood Processing Industry on Alaska During 1993 - Fourth Quarter Statewide	24
Table 2-6	1993 Purchase of Fish and Shellfish by the Shoreside Processing Industry (in pounds, by species, by quarter)	25
Table 2-7	Regional Purchases of Fish & Shellfish during 1993 (in pounds by percent, by quarter)	26
Table 2-8	Statewide Purchases by Major Species Group during 1993 (in pounds and percent, by quarter)	27
Table 2-9	Statewide Purchases by Major Species Group during 1993 (in dollars, by quarter, by species)	28
Table 2-10	Statewide Purchases by Major Species Group during 1993 (in dollars and percent, by quarter)	29
Table 2-11	Statewide Purchases of Fish and Shellfish by Region during 1993 (in dollars and percent, by quarter)	30

Table 2-12	Purchases of Chinook Salmon during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	31
Table 2-13	Purchases of Sockeye Salmon during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	32
Table 2-14	Purchases of Coho Salmon during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	33
Table 2-15	Purchases of Pink Salmon during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	34
Table 2-16	Purchases of Chum Salmon during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	35
Table 2-17	Purchases of Halibut during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	36
Table 2-18	Purchases of Herring Spawn-on-Kelp during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	37
Table 2-19	Purchases of Food & Bait Herring during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	38
Table 2-20	Purchases of Sac Roe Herring during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	39
Table 2-21	Purchases of Sablefish during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	40
Table 2-22	Purchases of Pollock during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	41

Table of Contents

Table 2-23	Purchases of Pacific Cod during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	42
Table 2-24	Purchases of Flounders during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	43
Table 2-25	Purchases of Rockfish during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	44
Table 2-26	Purchases of Miscellaneous Groundfish during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	45
Table 2-27	Purchases of Red King Crab during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	46
Table 2-28	Purchases of Brown/Blue King Crab during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	47
Table 2-29	Purchases of Bairdi Tanner Crab during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	48
Table 2-30	Purchases of Opilio Tanner Crab during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	49
Table 2-31	Purchases of Dungeness Crab during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	50
Table 2-32	Purchases of Shrimp during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	51
Table 2-33	Purchases of Miscellaneous Shellfish during 1993 (in pounds, percent, and dollars, by quarter, by region)	.....	52

Table 2-34	1993 Purchases of Total Goods and Services in Alaska by Shoreside Processors (by region, by quarter)	53
Table 2-35	1993 Purchases of Consumables in Alaska by Shoreside Processors (by region, by quarter)	54
Table 2-36	1993 Purchases of Services in Alaska by Shoreside Processors (by region, by quarter)	55
Table 2-37	1993 Purchases of Electricity in Alaska by Shoreside Processors (by region, by quarter)	56
Table 2-38	1993 Purchases of Water in Alaska by Shoreside Processors (by region, by quarter)	57
Table 2-39	1993 Purchases of Sewer Services in Alaska by Shoreside Processors (by region, by quarter)	58
Table 2-40	1993 Purchases of Phone Services in Alaska by Shoreside Processors (by region, by quarter)	59
Table 2-41	1993 Purchases of Trash Removal Services in Alaska by Shoreside Processors (by region, by quarter)	60
Table 2-42	1993 Purchases of Other Services in Alaska by Shoreside Processors (by region, by quarter)	61
Table 2-43	Summary of Shoreside Seafood Processing Employment Impacts During 1993 (by region)	62
Table 2-44	Shoreside Seafood Processing Employment Impacts During 1993 (by quarter, region, month)	63
Table 3-1	Economic Impact of the Shoreside Seafood Processing Industry in the Alaska Peninsula During 1993 - Total Expenditures	71
Table 3-2	Economic Impact of the Shoreside Seafood Processing Industry in the Alaska Peninsula During 1993 - First Quarter Expenditures	72

Table of Contents

Table 3-3	Economic Impact of the Shoreside Seafood Processing Industry in the Alaska Peninsula During 1993 - Second Quarter Expenditures	73
Table 3-4	Economic Impact of the Shoreside Seafood Processing Industry in the Alaska Peninsula During 1993 Third Quarter Expenditures	74
Table 3-5	Economic Impact of the Shoreside Seafood Processing Industry in the Alaska Peninsula During 1993 Fourth Quarter Expenditures	75
Table 3-6	Pounds of Fish & Shellfish Purchased by Quarter in Alaska Peninsula during 1993	76
Table 4-1	Economic Impact of the Shoreside Seafood Processing Industry in Bristol Bay During 1993 - Total Expenditures	79
Table 4-2	Economic Impact of the Shoreside Seafood Processing Industry in Bristol Bay During 1993 - First Quarter Expenditures	80
Table 4-3	Economic Impact of the Shoreside Seafood Processing Industry in Bristol Bay During 1993 - Second Quarter Expenditures	81
Table 4-4	Economic Impact of the Shoreside Seafood Processing Industry in Bristol Bay During 1993 Third Quarter Expenditures	82
Table 4-5	Economic Impact of the Shoreside Seafood Processing Industry in Bristol Bay During 1993 Fourth Quarter Expenditures	83
Table 4-6	Pounds of Fish & Shellfish Purchased by Quarter in Bristol Bay during 1993	84
Table 5-1	Economic Impact of the Shoreside Seafood Processing Industry in the Bering Sea/Aleutians During 1993 - Total Expenditures	87
Table 5-2	Economic Impact of the Shoreside Seafood Processing Industry in the Bering Sea/Aleutians During 1993 - First Quarter Expenditures	88

Table 5-3	Economic Impact of the Shoreside Seafood Processing Industry in the Bering Sea/Aleutians During 1993 - Second Quarter Expenditures	.....	89
Table 5-4	Economic Impact of the Shoreside Seafood Processing Industry in the Bering Sea/Aleutians During 1993 Third Quarter Expenditures	.....	90
Table 5-5	Economic Impact of the Shoreside Seafood Processing Industry in the Bering Sea/Aleutians During 1993 Fourth Quarter Expenditures	.....	91
Table 5-6	Pounds of Fish & Shellfish Purchased by Quarter in Bering Sea/Aleutians during 1993	.....	92
Table 6-1	Economic Impact of the Shoreside Seafood Processing Industry in Kenai/Cook Inlet During 1993 - Total Expenditures	.....	95
Table 6-2	Economic Impact of the Shoreside Seafood Processing Industry in the Kenai/Cook Inlet During 1993 - First Quarter Expenditures	.....	96
Table 6-3	Economic Impact of the Shoreside Seafood Processing Industry in the Kenai/Cook Inlet During 1993 - Second Quarter Expenditures	.....	97
Table 6-4	Economic Impact of the Shoreside Seafood Processing Industry in the Kenai/Cook Inlet During 1993 Third Quarter Expenditures	.....	98
Table 6-5	Economic Impact of the Shoreside Seafood Processing Industry in the Kenai/Cook Inlet During 1993 Fourth Quarter Expenditures	.....	99
Table 6-6	Pounds of Fish & Shellfish Purchased by Quarter in Kenai/Cook Inlet during 1993	.....	100
Table 7-1	Economic Impact of the Shoreside Seafood Processing Industry in Kodiak During 1993 - Total Expenditures	.....	103
Table 7-2	Economic Impact of the Shoreside Seafood Processing Industry in Kodiak During 1993 - Total Expenditures	.....	104

Table of Contents

Table 7-3	Economic Impact of the Shoreside Seafood Processing Industry in Kodiak During 1993 - Total Expenditures	105
Table 7-4	Economic Impact of the Shoreside Seafood Processing Industry in Kodiak During 1993 - Total Expenditures	106
Table 7-5	Economic Impact of the Shoreside Seafood Processing Industry in Kodiak During 1993 - Total Expenditures	107
Table 7-6	Pounds of Fish & Shellfish Purchased by Quarter in Kodiak Peninsula during 1993	108
Table 8-1	Economic Impact of the Shoreside Seafood Processing Industry in Prince William Sound During 1993 - Total Expenditures	111
Table 8-2	Economic Impact of the Shoreside Seafood Processing Industry in Prince William Sound During 1993 - First Quarter Expenditures	112
Table 8-3	Economic Impact of the Shoreside Seafood Processing Industry in Prince William Sound During 1993 - Second Quarter Expenditures	113
Table 8-4	Economic Impact of the Shoreside Seafood Processing Industry in Prince William Sound During 1993 Third Quarter Expenditures	114
Table 8-5	Economic Impact of the Shoreside Seafood Processing Industry in Prince William Sound During 1993 Fourth Quarter Expenditures	115
Table 8-6	Pounds of Fish & Shellfish Purchased by Quarter in Prince William Sound during 1993	116
Table 9-1	Economic Impact of the Shoreside Seafood Processing Industry in Southeast Alaska During 1993 - Total Expenditures	119
Table 9-2	Economic Impact of the Shoreside Seafood Processing Industry in Southeast Alaska During 1993 - First Quarter Expenditures	119

Table 9-3	Economic Impact of the Shoreside Seafood Processing Industry in Southeast Alaska During 1993 - Second Quarter Expenditures	.....	119
Table 9-4	Economic Impact of the Shoreside Seafood Processing Industry in Southeast Alaska During 1993 Third Quarter Expenditures	.....	119
Table 9-5	Economic Impact of the Shoreside Seafood Processing Industry in Southeast Alaska During 1993 Fourth Quarter Expenditures	.....	119
Table 9-6	Pounds of Fish & Shellfish Purchased by Quarter in Southeast Alaska during 1993	.....	119

List of Figures

Figure 2-1	Distribution of Direct Expenditures during 1993	9
Figure 2-2	Percentage Distribution of Expenditures during 1993	9
Figure 2-3	Distribution of Fish and Shellfish Purchases by Major Species Category during 1993 (in percent of total pounds)	10
Figure 2-4	Distribution of Fish and Shellfish Purchases by Major Species Category during 1993 (in percent of total value)	10
Figure 2-5	Distribution of Fish and Shellfish Purchases by Region during 1993 (in percent of total pounds)	10
Figure 2-6	Distribution of Fish and Shellfish Purchases by Region during 1993 (in percent of total value)	11
Figure 2-7	Distribution of Salmon Purchases by Species Category during 1993 (in percent of total pounds)	11
Figure 2-8	Distribution of Salmon Purchases by Species Category during 1993 (in percent of total value)	11
Figure 2-9	Distribution of Groundfish Purchases by Species Category during 1993 (in percent of total pounds)	13
Figure 2-10	Distribution of Groundfish Purchases by Species Category during 1993 (in percent of total value)	13
Figure 2-11	Distribution of Shellfish Purchases by Species Category during 1993 (in percent of total pounds)	14

Figure 2-12	Distribution of Shellfish Purchases by Species Category during 1993 (in percent of total value)	14
Figure 2-13	Distribution of Total Goods & Services Purchased during 1993 (in dollars)	14
Figure 2-14	Distribution of Consumables Purchased during 1993 (in dollars)	15
Figure 2-15	Distribution of Services Purchased during 1993 (in dollars)	15
Figure 2-16	Shoreside Seafood Processing Employment by Quarter During 1993 (in numbers of employees, by region)	16
Figure 2-17	Distribution of Shoreside Processing Employees Wages and Benefits During 1993 (all regions combined)	17
Figure 2-18	Distribution of Shoreside Processing Employees Wages and Benefits During 1993 (by region, in percent)	17
Figure 2-19	Distribution of Shoreside Processing Employees Wages and Benefits During 1993 (by region, in dollars)	17
Figure 2-20	Percentage of Available Jobs in the Region Encompassing Kodiak, Bristol Bay, the Alaska Peninsula, and the Aleutian Islands during 1993	18
Figure 2-21	State and Local Fish Taxes Paid during 1993 (in dollars, by quarter)	18
Figure 2-20	Amount of State and Local Fish Taxes Paid During 1993, Available for Use by Communities (in dollars, by quarter)	18
Figure 2-21	Amount of State and Local Fish Taxes Paid During 1993, Available for Use by Communities (by region, in dollars, by quarter)	19

Table of Contents

Figure 2-22	Comparison of Revenue Sources for the Aleutians East Borough During 1993 (in percent of total dollars)	19
Figure 3-1	Distribution of Direct Expenditures by the Shoreside Processing Industry in the Alaska Peninsula During 1993	69
Figure 3-2	Percentage Distribution of Expenditures by the Shoreside Processing Industry in the Alaska Peninsula During 1993	69
Figure 3-3	Distribution of Fish & Shellfish Purchases by Major Species Category in the Alaska Peninsula During 1993 (in percent of total pounds)	70
Figure 3-4	Distribution of Fish & Shellfish Purchases by Major Species Category in the Alaska Peninsula During 1993 (in percent of total value)	70
Figure 3-5	Percentage Distribution of Income by Source for the Aleutians East Borough during 1993	70
Figure 4-1	Distribution of Direct Expenditures by the Shoreside Processing Industry in Bristol Bay During 1993	78
Figure 4-2	Percentage Distribution of Expenditures by the Shoreside Processing Industry in the Bristol Bay During 1993	78
Figure 4-3	Distribution of Fish & Shellfish Purchases by Major Species Category in Bristol Bay During 1993 (in percent of total pounds)	79
Figure 4-4	Distribution of Fish & Shellfish Purchases by Major Species Category in Bristol Bay During 1993 (in percent of total value)	79
Figure 5-1	Distribution of Direct Expenditures by the Shoreside Processing Industry in the Bering Sea/Aleutians During 1993	85

Figure 5-2	Percentage Distribution of Expenditures by the Shoreside Processing Industry in the Bering Sea/Aleutians During 1993	85
Figure 5-3	Distribution of Fish & Shellfish Purchases by Major Species Category in the Bering Sea/ Aleutians During 1993 (in percent of total pounds)	86
Figure 5-4	Distribution of Fish & Shellfish Purchases by Major Species Category in the Bering Sea/ Aleutians During 1993 (in percent of total value)	86
Figure 6-1	Distribution of Direct Expenditures by the Shoreside Processing Industry in Kenai/Cook Inlet During 1993	93
Figure 6-2	Percentage Distribution of Expenditures by the Shoreside Processing Industry in Kenai/Cook Inlet During 1993	93
Figure 6-3	Distribution of Fish & Shellfish Purchases by Major Species Category in Kenai/Cook Inlet During 1993 (in percent of total pounds)	94
Figure 6-4	Distribution of Fish & Shellfish Purchases by Major Species Category in Kenai/Cook Inlet During 1993 (in percent of total value)	94
Figure 7-1	Distribution of Direct Expenditures by the Shoreside Processing Industry in Kodiak During 1993	101
Figure 7-2	Percentage Distribution of Expenditures by the Shoreside Processing Industry in Kodiak During 1993	101
Figure 7-3	Distribution of Fish & Shellfish Purchases by Major Species Category in Kodiak During 1993 (in percent of total pounds)	102
Figure 7-4	Distribution of Fish & Shellfish Purchases by Major Species Category in Kodiak During 1993 (in percent of total value)	102

Table of Contents

Figure 8-1	Distribution of Direct Expenditures by the Shoreside Processing Industry in Prince William Sound During 1993	109
Figure 8-2	Percentage Distribution of Expenditures by the Shoreside Processing Industry in Prince William Sound During 1993	109
Figure 8-3	Distribution of Fish & Shellfish Purchases by Major Species Category in Prince William Sound During 1993 (in percent of total pounds)	110
Figure 8-4	Distribution of Fish & Shellfish Purchases by Major Species Category in Prince William Sound During 1993 (in percent of total value)	110
Figure 9-1	Distribution of Direct Expenditures by the Shoreside Processing Industry in Southeast Alaska During 1993	117
Figure 9-2	Percentage Distribution of Expenditures by the Shoreside Processing Industry in Southeast Alaska During 1993	117
Figure 9-3	Distribution of Fish & Shellfish Purchases by Major Species Category in Southeast Alaska During 1993 (in percent of total pounds)	118
Figure 9-4	Distribution of Fish & Shellfish Purchases by Major Species Category in Southeast Alaska During 1993 (in percent of total value)	118

Executive Summary

The purpose of this report is to identify the economic impact of the shoreside seafood industry during 1993 upon Alaska, its communities and regions. The report is organized into several chapters that address purchases of fish and shellfish (in pounds and ex-vessel value) on a statewide and regional basis, purchases of goods and services within regions, the generation of revenues to the state, local municipalities and boroughs through taxation, the economic impact of employment, and a review of the regional economic impacts of the shoreside industry.

The seafood industry is Alaska's largest private sector employer; more than 35,000 people are employed in the harvesting and processing sectors of the industry. In some coastal regions of Alaska, the seafood industry generates nearly all economic activity. The shoreside processing sector of the industry is composed of over 350 facilities. Although the bulk of the industry consists of approximately 100 plants, the huge impact of the industry in Alaska is reflected by the large number of small processing facilities; many families throughout Alaska derive a substantial portion of their livelihood from small scale, shoreside seafood processing.

This report identifies the economic impact of the direct and indirect expenditures by the shoreside seafood processing industry upon various regions within Alaska. The indirect expenditures constitute a multiplier. Since there is no commonly accepted multiplier for the seafood industry, we have used a factor of 2.5 to determine the total direct and indirect expenditures (for every $1 spent in directed expenditures, an additional $1.50 is generated). This seems reasonable given the conservative estimates of direct expenditures and the very substantial impact the industry has on coastal Alaska.[1]

The expenditures identified in this report were generated from a number of sources, including detailed, confidential information from members of the Pacific Seafood Processors Association (PSPA). The PSPA members provided data concerning an array of expenditures they made on a plant by plant location in Alaska. Municipal and borough governments, and various state and federal agencies, also provided information.

The information received from state and federal agencies on harvests and landings in Alaska conflicted at times. This was due to confidentiality provisions that restrict the type of information available to the general public. In some instances, the data generated by this report (with regard to landings) will vary from the total harvest levels of a species. In part this is due to the data, and in part it is due to the transfer of fish and shellfish outside of Alaska for processing.

The regions used in this report consist of the following:

Alaska Peninsula: Chignik and the Aleutians East Borough (minus Akutan).

Bristol Bay: The Bristol Bay region.

Bering Sea/Aleutian Islands: Unalaska/Dutch Harbor, Akutan, villages in the Aleutians west of Unalaska, and the Pribilof Islands.

Kenai/Cook Inlet/Anchorage: The Kenai Peninsula, including Seward, and Anchorage.

Kodiak: All communities in the Kodiak Island Borough.

Prince William Sound: Cordova, Whittier, and Valdez.

Southeast: All communities south of, and including, Yakutat.

In 1993, the shoreside seafood industry processed 2.7 billion pounds of fish and shellfish in Alaska communities—an average of 7.4 million pounds per day. Each day's production by Alaska's shoreside processing sector produced enough food to feed 527,000 people.

Figure 1
Distribution of Fish & Shellfish by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993
(in percent of total pounds)

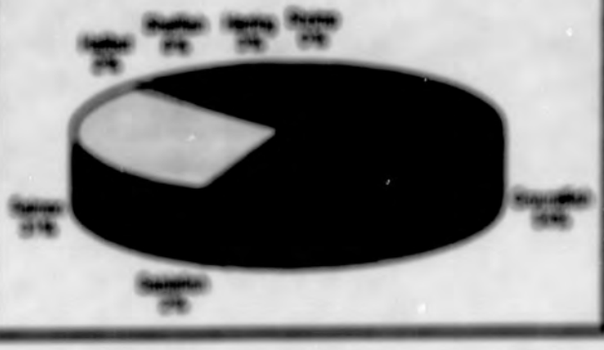


Figure 2
Distribution of Fish & Shellfish Purchased by Shoreside Processing Industry in Alaska during 1993 by Region
(in percent of total value)

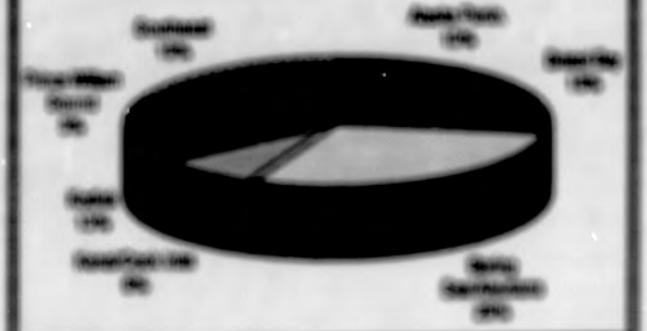
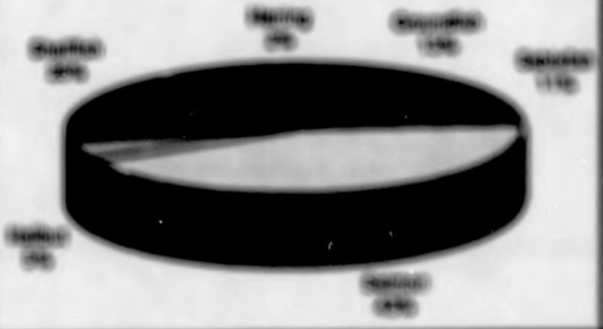


Figure 3
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Alaska during 1993
(in percent of total value)

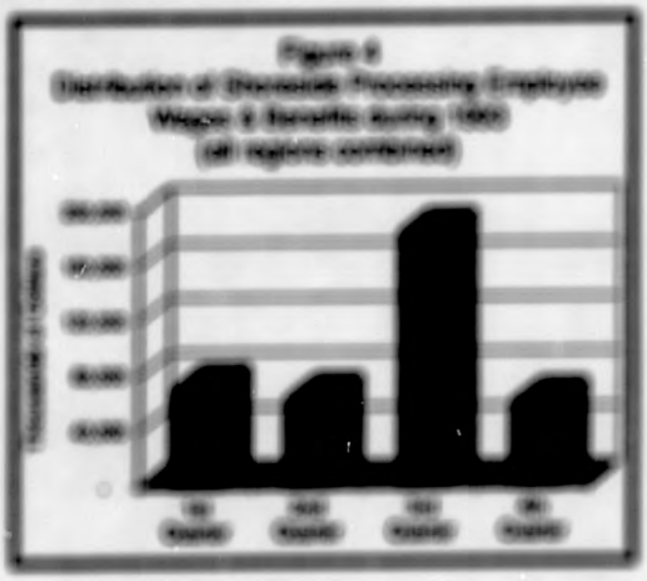


The ex-vessel value of the species harvested was $567 million. On a quarterly basis, 23% of the value occurred during the first quarter, 40% in the second quarter, 32% in the third quarter, and 4% in the fourth quarter.

The Bering Sea/Aleutian region accounted for $182 million of total fish and shellfish purchases, followed by Southeast Alaska with $139 million, Bristol Bay with $113 million, Kodiak with $107 million, the Alaska Peninsula with $101 million, Kenai/Cook Inlet with $61 million, and Prince William Sound with $51 million. (See Figure 3.)

An average of 11,761 individuals were directly employed by the shoreside sector in Alaska during 1993. At peak employment, 13,156 individuals were employed. The total direct payroll during 1993 was $296 million; an additional $51 million was spent on employee fringe benefits and other related costs, bringing the total expended for shoreside processing employees to $378 million. (See Figure 4.)

Figure 4
Distribution of Shoreside Processing Employee Wages & Benefits during 1993
(all regions combined)



The seafood industry is the economic engine for many communities and regions within coastal Alaska. The purchase of fish and shellfish by shoreside processors are a source of cash and economic revenue that affects all segments of life in each community. In preparation for its fishing season, harvesters employ crew members and purchase goods and supplies. Following the delivery of its harvest and production, the processor also employs people in the region. Each individual employed and each dollar expended in the community can

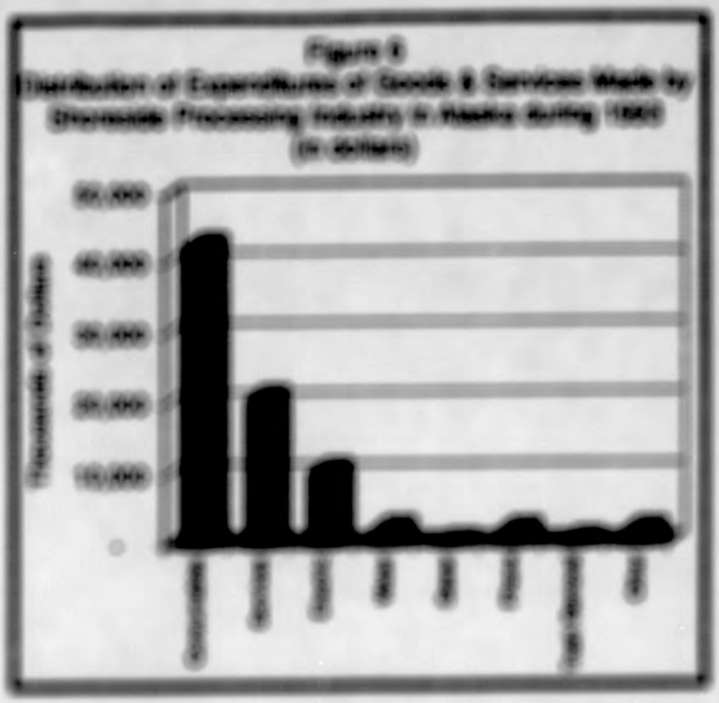


Figure 6
Distribution of Expenditures of Goods & Services Made by Domestic Processing Industry in Alaska during 1990 (in dollars)

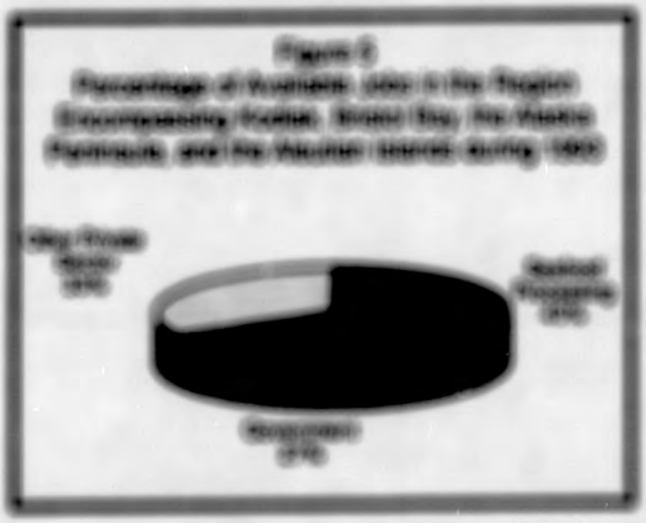


Figure 8
Percentage of Available Jobs in the Region Encompassing Kodiak, Bristol Bay, the Alaska Peninsula, and the Aleutian Islands during 1990

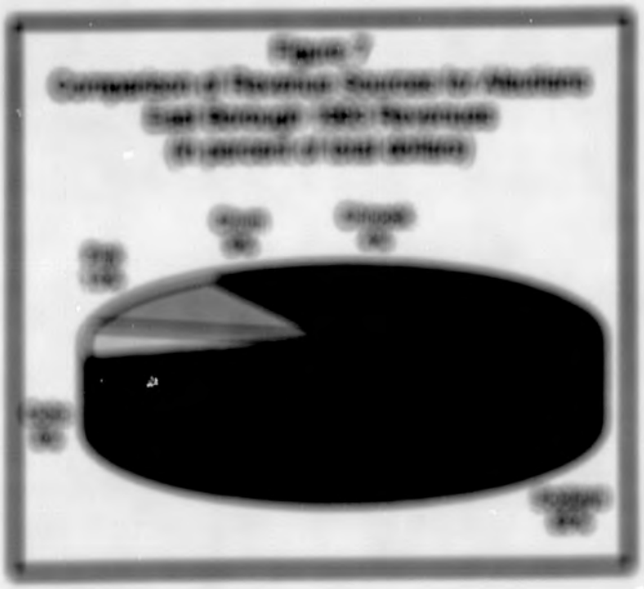
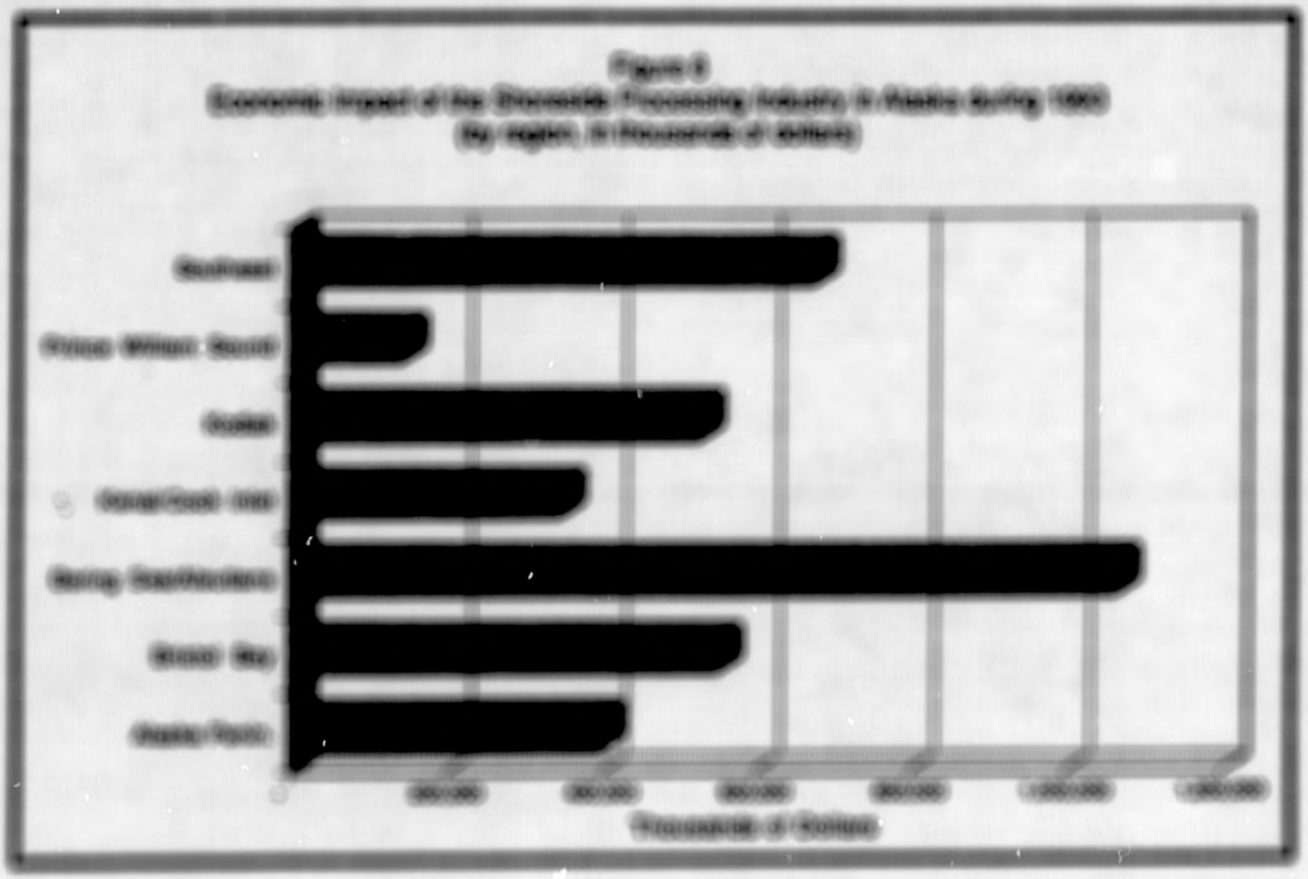


Figure 7
Comparison of Revenue Sources to Aleutians East Borough 1990 Revenues (in percent of total dollars)

The total economic impact of the industry upon Alaska communities during 1993 was $3.8 billion. On a regional basis, the total economic impact consisted of the following:[2]

Alaska Peninsula	$ [illegible]
Bristol Bay	$ [illegible]
Aleutians/Bering Sea	$ [illegible]
Kenai/Cook Inlet/Anchorage	$ [illegible]
Kodiak	$ [illegible]
Prince William Sound	$ [illegible]
Southeast	$ [illegible]
Total	**$ [illegible]**

Figure 8
Economic Impact of the Shellfish Processing Industry in Alaska during 1993
(by region, in thousands of dollars)



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Chapter 1

Introduction

1.1 Purpose/Organization of Document

The seafood industry is Alaska's largest private sector employer. In excess of 22,000 people are employed in the harvesting and processing sectors of the industry. In many coastal regions of Alaska, the seafood industry generates nearly all economic activity. The revenues resulting from the industry directly and indirectly, serve as the economic backbone for a large part of Alaska.

The shoreside seafood processing sector is composed of over 150 facilities. Although the bulk of the industry consists of approximately 100 plants, the large impact of the industry in Alaska is reflected by the large number of small processing facilities; many families throughout Alaska derive a substantial portion of their livelihood from small scale, shoreside seafood processing.

The purpose of this report is to quantify the economic and social impact of the shoreside seafood processing industry upon Alaska, its communities and regions. The report is organized into several chapters that address purchases of fish and shellfish (in pounds and ex-vessel value) on a statewide and regional basis, purchases of goods and services within regions, the payment of taxes to the state, local municipalities and boroughs, the economic impact of employment, and a review of the regional economic impacts of the shoreside industry. Tables and graphs are widely dispersed to provide detailed information.

1.2 Methodology

The data used in this report came from several different sources. Initially, a questionnaire was provided to all the members of the Pacific Seafood Processors Association requesting the detailed information described below:

- On a monthly basis, the number of full-time equivalent individuals employed in Alaska shoreside facilities, their gross pay, the number hired in Alaska, the number flown to and from Alaska, and the cost of air fare.
- On a quarterly basis, the amount expenditures for consumables, services, electricity, water, sewer, phone, trash removal, and "other" items by each company for each of their shoreside facilities.
- The pounds and value of fish and shellfish purchased on a species by species basis during the year. This information was provided by each company for each of its plant locations in Alaska.

The response from PSPA members was excellent. Information was provided on a plant by plant basis, which made it possible to localize the data to specific communities and regions.

Municipal and borough governments also provided detailed social and economic information regarding the source of local government revenues by category (water, sewer, etc.) and the impact of the industry upon their communities.

1.2.1 Comments on Data and Extrapolations

The expenditures detailed in this report were generated from a number of sources. In some cases, where conflicting information was received, choices had to be made concerning which data set to use. In those instances, the author's knowledge of the industry and discussions with other industry sources, resulted in the determination.

The information from the PSPA respondents was collated by region and quarter on a series of spread sheets. The information was compared with similar data provided by state, local and federal agencies. In some cases, such as the purchase of goods and services, insufficient data exists within government agencies to determine the level of expenditures. In those cases, the data generated from the PSPA response was used as a basis to extrapolate total expenditures throughout the industry.

1.3.3 Employment

Employment information was received from the responding companies, and detailed the number of full time equivalent employees, the gross salary, the number of employees flow to the work site, and the total cost of airfare. All of this information was provided on a month by month, and work site by work site, basis.

Total seafood employment and accompanying wage information was provided by the Alaska Department of Labor through a special data run. The information provided by DOL may vary from the information contained in their quarterly and annual publications on employment in Alaska. This is because those reports do not specifically break out seafood processing employment, but include it as part of a larger employment grouping. Additionally, confidentiality restrictions make it difficult for the DOL to publish some employment information on a community by community basis. As a result, the employment numbers generated by the special data run occasionally result in greater employment in a region or community than shown on the DOL quarterly and annual reports.

To calculate the total airfare expense incurred by the shoreside seafood processing sector, the responses from PSPA provided sufficient information to determine the average percentage of employees flown to and from a work site by month and region during the year, as well as the average cost of air fare per employee flown. These percentages were applied to total seafood processing employment in the region during the quarter to extrapolate the total number of employees transported by air and the airfare cost. The variable in this calculation is the assumption that non-responding companies experience the same ratios as the PSPA responding companies.

1.3.5 Harvest Data

Data on harvest and landing were generated by the reports received from the responding PSPA members, the International Pacific Halibut Commission, and special data runs by the Commercial Fisheries Entry Commission (CFEC) the National Marine Fisheries Service (NMFS). The data from each source varied. The PSPA data was reported by plant location, by species. The CFEC data was reported by region, by species and by vessel value, but occasionally lumped data from several regions into one . The NMFS data showed total shoreside groundfish landings by port in Alaska.

The information from the different agencies on harvests and landings in Alaska conflicted at times. This was due to confidentiality provisions that restrict the type of information available to the general public. For example, data on the amount of a species that was landed in a particular community or region could not be divulged unless there were at least four different facilities that purchased that species and all four facilities had different corporate owners.

This made it difficult to accurately determine landings by species by region. In some cases there are sufficient facilities and owners—and a large enough harvest—to meet the confidentiality requirement; often, however, the information was combined to mask the facilities and the regions in which the landings occurred. This occasionally resulted in the necessity to estimate the level of landings.

In some instances, the data generated by this report (with regard to landings) will vary from the total harvest levels of a species. In part this is due to the data, but it is also due to the transfer of fish and shellfish outside of Alaska for processing. Additionally, harvest and processing activities by catcher/processors (vessels that have the capacity to both harvest and process their catch) are not included in this report. Since their activities account for a large portion of the crab and groundfish harvests, the total landings of those species will be lower than the overall harvest levels.

1.3.6 Regions

The regions used in this report consist of the following:

Alaska Peninsula: Chignik and the Aleutians East Borough (minus Akutan).

Bristol Bay: The Bristol Bay region.

Bering Sea/Aleutians: Unalaska/Dutch Harbor, Akutan, villages in the Aleutians east of Unalaska, and the Pribilof Islands.

Kenai/Cook Inlet: The Kenai Peninsula, including Seward, and Anchorage.

Kodiak: All communities in the Kodiak Island Borough.

Prince William Sound: Cordova, Whittier, and Valdez.

Southeast: All communities south of, and including, Yakutat.

These regions vary from those used by the Alaska Department of Labor to identify employment in Alaska, those used by the Alaska Department of Fish & Game and the Commercial Fisheries Entry Commission to identify commercial fishery regions, and those used by the National Marine Fisheries Service to identify groundfish harvest regions. In fact, most of the regions used by the above agencies do not match.

1.2.5 The Use of Multipliers

There is no commonly accepted multiplier for the seafood industry. A 1987 report by Matthew Berman and Teresa Hull for the Institute of Social and Economic Research, University of Alaska, Anchorage, entitled The Commercial Fishing Industry in Alaska's Economy, is perhaps the most extensive work that has been done to analyze the downstream impact of direct expenditures in the industry. Berman and Hull identified a statewide multiplier of 1.73 (for every $1 spent, an additional 73¢ is generated) for the seafood industry. They cautioned, however, that this could easily be a conservative estimated based upon several variables; additionally, they reasoned that changes in the industry during the near future could generate an increase in the multiplier.

For the purpose of this report, we have used a factor of 2.5 to determine total direct and indirect expenditures (for every $1 spent in directed expenditures, an additional $1.50 is generated). This seems appropriate for the following reasons:

- The estimates of direct expenditures in this report are conservative;
- There was substantially greater shoreside activity resulting from the fishing industry in Alaska in 1993 than there was in 1987; and,
- In many regions and communities, the fishing industry is the only source of primary economic activity; most, if not all, of the other economic activity in the region results from the shoreside seafood industry.[1]

1.3 Overview

In 1993, the shoreside seafood industry processed 2.7 billion pounds of fish and shellfish in Alaska communities, or an average of 7.4 million pounds each day of the year. Assuming an across the board product recovery rate of 50% and an average serving size of one-quarter pound per person per meal, each day's production by Alaska's shoreside processing sector produces enough food to feed 925,000 people.

In terms of employment during 1993, an average of 10,581 individuals were directly employed by the shoreside sector in Alaska; during peak employment in the third quarter, 19,356 individuals were employed by shoreside seafood processing companies. The total payroll direct payroll during 1993 was $297 million; an additional $91 million was spent on employee fringe benefits and other related costs, bringing the total expended for shoreside processing employees to $378 million.

Over $41 million in goods and services were purchased directly by the shoreside processing sector in Alaska communities from local vendors and municipalities. This includes $43 million for consumables, $21 million for services, and $10 million for electricity, $2 million water, and $5.2 million for other services. In many locations, the expenditures by the local processor account for the vast majority of income for the local vendor or utility, thereby making it possible for other members of the community to benefit from access to those services.

Purchases of fish and shellfish in by the shoreside processing industry in 1993 generated $71 million in state and local taxes. Of this amount, $28 million was paid directly to local governments through local taxes or from the state through raw fish tax revenue sharing: one-half of the state fish tax ($13.2 million) and all of the local raw fish tax ($14.7 million).

In some communities and boroughs, taxes paid by the shoreside processing facility for fish purchased and processed in the community account for nearly all of the income generated by the community. In the Aleutians East Borough, for ex-

ample, revenues from fish taxes account for 83% of the total revenue received by the borough.

The total economic impact of the industry upon Alaska communities during 1993 was $3.8 billion . On a regional basis, the total economic impact consists of the following:

Alaska Peninsula	$ 393,764,326
Bristol Bay	$ 548,933,037
Aleutians/Bering Sea	$ 1,059,858,106
Kenai/Cook Inlet/Anchorage	$ 343,655,206
Kodiak	$ 523,265,980
Prince William Sound	$ 140,455,600
Southeast	$ 671,920,650
Total	$ 3,809,329,401

[illegible] In the Aleutians East Borough during 1993, the domestic seafood industry accounted for 87% of total revenues; in Kodiak, over 30% of the available employment on a year-round basis is seafood processing; in dozens of communities from Pelican to Togiak, the only source of economic activity is the domestic seafood industry.

Chapter 2

Economic Impacts Statewide

2.1 Introduction

Commencing with this chapter and continuing through the remainder of this report, are a series of five tables at the start of each chapter that detail the expenditures by category of shoreside processing industry purchases during 1993. In each chapter the tables are specific to the region addressed in that chapter. The tables consist of 5 pages: the first page provides annual data on expenditures, while the remaining four pages provide quarterly data. The categories consist of employment, purchases of goods and services, taxes, fish and shellfish purchases, and donations. Overviews for purchases of fish and shellfish, purchases of goods and services, and employment impacts are contained in this chapter.

Tables 2-1 through 2-5 display the statewide annual and quarterly economic impact of the shoreside seafood processing industry during 1993. The total economic impact upon Alaska was $3.8 billion, of which $1.5 billion consisted of direct expenditures. Of the direct expenditures, $1 billion (65%) was spent on purchases of fish and shellfish, $378 million (25%) was spent on labor, $82 million (5%) was spent on purchases of goods and services, and $71 million (5%) was spent on tax related items. Figure 2-1 shows the expenditures by category as a percent of the total, while Figure 2-2 shows the distribution by quarter.

Figure 2-1
Distribution of Direct Expenditures by Shoreside Processing Industry in Alaska during 1993

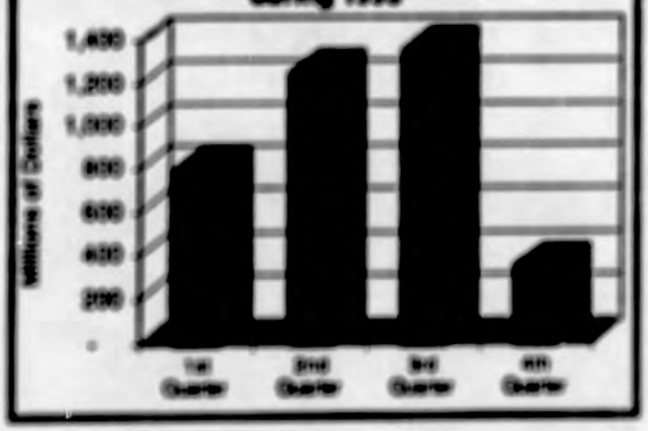
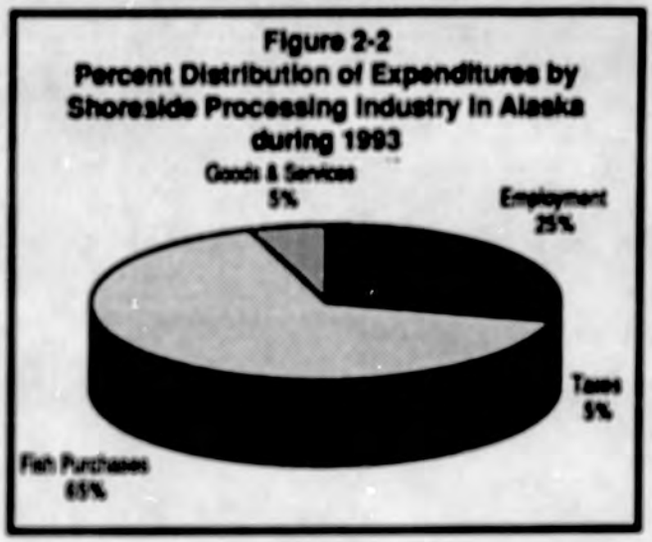


Figure 2-2
Percent Distribution of Expenditures by Shoreside Processing Industry in Alaska during 1993



On an annual basis, shoreside seafood processing companies spent $1.41 for every pound of fish and shellfish processed during 1993.

2.2 Purchases of Fish and Shellfish

During 1993, the purchases of all species of fish and shellfish by Alaska's shorebased seafood processing companies amounted to 2.7 billion pounds. Of this amount, 214 million pounds were shellfish, 1.5 billion pounds were groundfish, 834 million pounds were salmon, 86 million pounds were herring, 42 million pounds were halibut, 42 million pounds were sablefish, and 3 million pounds were other species. Table 2-6 reviews purchases by individual species and quarter. (See Chapters 3 through 9 for a review of purchases by region.)

On a regional basis statewide, the Unalaska/Aleutian region dominated with 1.1 billion pounds of total purchases (44%), followed by Kodiak with 422 million pounds (17%), Southeast with 331 million pounds (13%), Bristol Bay with 287 million pounds (11%), the Alaska Peninsula with 215 million pounds (9%), Kenai/Cook Inlet with 73 million pounds (3%), and Prince William Sound with 49mil-

lion pounds (1%). Other Alaska regions accounted for 24 million pounds (1%). (See Table 2-7.)

On a percentage of harvest by quarter basis, 77% of the first quarter harvest consisted of groundfish purchases and 23% consisted of crab purchases; the second quarter was more evenly distributed, with 46% of total purchases consisting of salmon, 24% groundfish, and 14% herring; the third quarter consisted of 43% salmon purchases and 55% groundfish purchases; and groundfish and crab dominated in the fourth quarter with 85% and 15% of the total respectively. (See Table 2-8.)

The ex-vessel value of the species harvested was $993 million. Table 2-9 shows the ex-vessel value by species and quarter, while Table 2-10 reviews the ex-vessel value by species group. On a quarterly basis, 23% of the value occurred during the first quarter, 40% in the second quarter, 32% in the third quarter, and 6% in the fourth quarter. Overall, salmon represented 43% of the total value, followed by, 25% for crab, 14% for groundfish, 11% for sablefish, 5% for halibut, 2% for herring, and less than one percent for other species.

On a regional basis, the Aleutians/Bering Sea region accounted for $282 million of total fish and shellfish purchases (28% of the statewide total), followed by Southeast Alaska with $184 million (19%), Bristol Bay with $172 million (17%), Kodiak with $125 million (13%), the Alaska Peninsula with $101 million (10%), Kenai/Cook Inlet with $82 million (8%), and Prince William Sound with $33 million (3%). Other Alaska regions accounted for $10 million (1%). (See Table 2-11.)

Figures 2-3 and 2-4 display the distribution of fish and shellfish purchased by the shoreside processing industry as a percent of total pounds and total value, by major species group, respectively. Figures 2-5 and 2-6 show the distribution of fish and shellfish purchased by the shoreside processing industry as a percent of total pounds and total value by region, respectively.

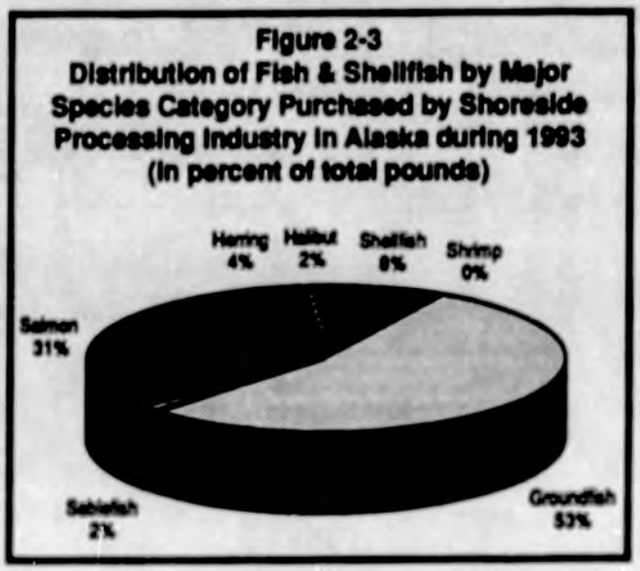


Figure 2-3
Distribution of Fish & Shellfish by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993 (in percent of total pounds)

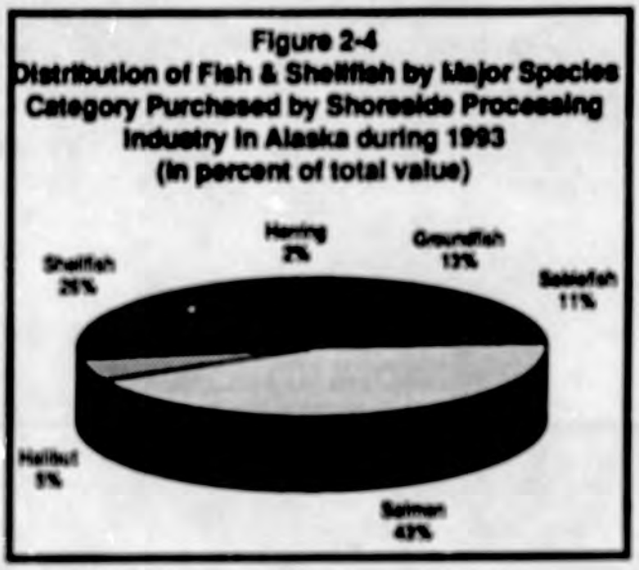


Figure 2-4
Distribution of Fish & Shellfish by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993 (in percent of total value)

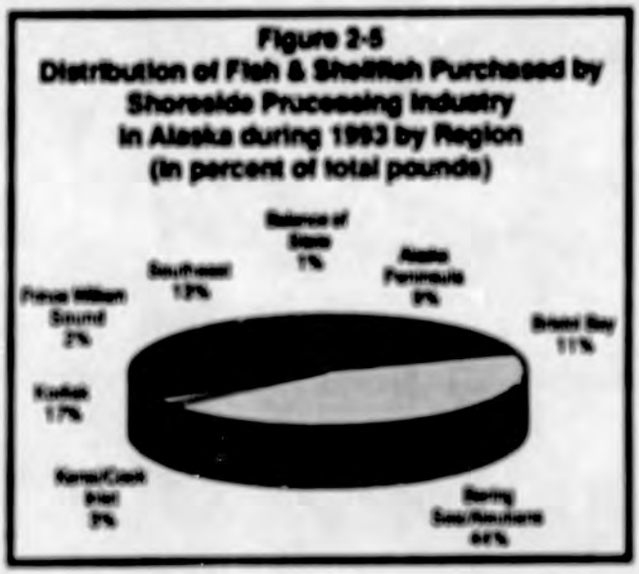


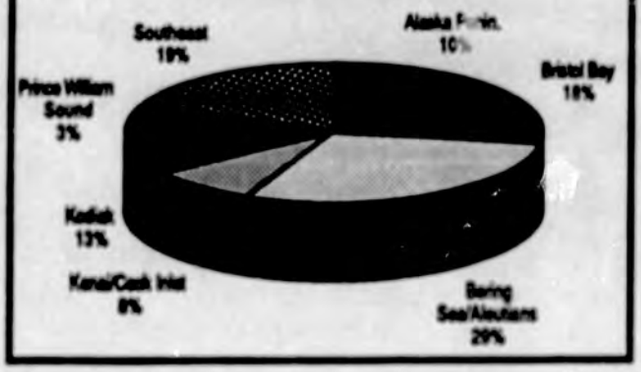
Figure 2-5
Distribution of Fish & Shellfish Purchased by Shoreside Processing Industry in Alaska during 1993 by Region (in percent of total pounds)

2.2.1 Salmon

The total salmon harvest statewide during 1993 was 845 million pounds, valued at $428 million. The following is a review of each species:

Chinook Salmon: Total statewide purchases of chinook salmon were 11.3 million pounds. The

Figure 2-6
Distribution of Fish & Shellfish Purchased by Shoreside Processing Industry in Alaska during 1993 by Region (in percent of total value)



total ex-vessel value was $17.9 million. Landings of king salmon were highest in Southeast Alaska where 4.7 million pounds of chinook were purchased. (See Table 2-12.)

Sockeye Salmon: Sockeye salmon purchases totaled 378 million pounds during 1993. The total ex-vessel value was $288 million. Fifty-nine percent of statewide sockeye landings occurred in Bristol Bay. (See Table 2-13.)

Coho Salmon: Thirty-eight million pounds of coho salmon were purchased by the shoreside processors during 1993. The total value was $32.5 million. The largest landings occurred in Southeast Alaska where 23 million pounds were purchased. (See Table 2-14.)

Pink Salmon: Pink salmon constituted the largest harvest of all salmon species during 1993, with 334 million pounds purchased. Shoreside processors in Southeast Alaska and Kodiak bought the bulk of pink salmon with purchases of 169 million pounds and 106 million pounds respectively. The total ex-vessel value was $54 million pounds. (See Table 2-15.)

Chum Salmon: Eighty-three million pounds of chum salmon were purchased by shoreside processors during 1993. The total ex-vessel value was $36.5 million. The largest chum purchases were in Southeast Alaska where 26 million pounds were purchased. (See Table 2-16.)

Figures 2-7 and 2-8 display the distribution of salmon purchased by species as a percent of total pounds and total value respectively.

Note that there were no salmon purchases applied to the Unalaska/Akutan/Aleutians West region. During 1993, there were no salmon fisheries in those regions; some limited processing did occur in Unalaska and Akutan, but the poundage figures and value were unavailable to the authors.

Figure 2-7
Distribution of Salmon by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993 (in percent of total pounds)

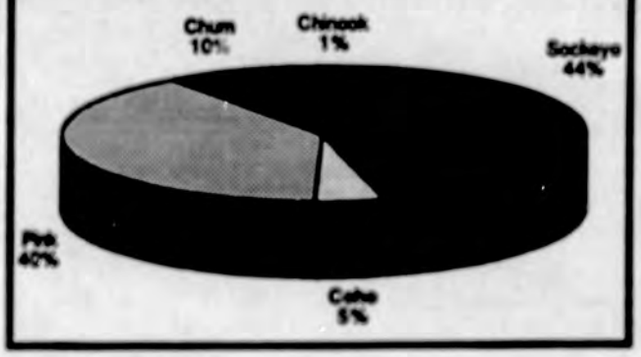
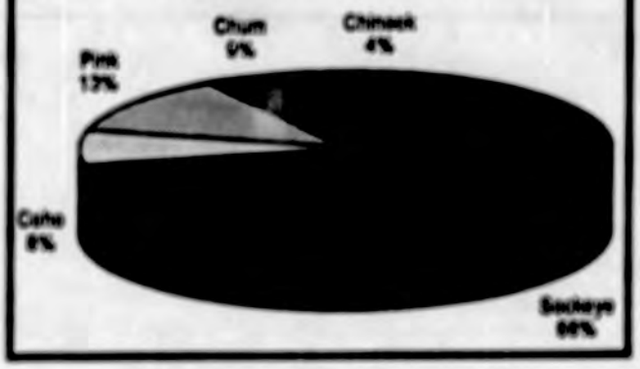


Figure 2-8
Distribution of Salmon by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993 (in percent of total value)



2.2.2 Halibut

Total landings and purchases of halibut in Alaska during 1993 were 42 million pounds. The total ex-vessel value was $51.6 million. Southeast led the state in landings (15.8 million pounds), followed by Kenai/Cook Inlet (14 million pounds), and Kodiak (13 million pounds). (See Table 2-17.)

Halibut harvests occur throughout most of Alaska, although the bulk of the harvest is in the

Gulf of Alaska. Information on halibut landing (purchases) by region were obtained from the International Pacific Halibut Commission (IPHC). The total landings are less than the total harvest since several million pounds of harvest were sold by the vessels in either British Columbia or Washington State.

2.2.3 Herring

The total amount of herring landed and purchased statewide during 1993 was 99 million pounds, valued at $20 million. There are three types of herring fisheries: the spawn-on-kelp fishery, the food & bait fishery, and the sac roe fishery.

Spawn-on-Kelp: The spawn-on-kelp fishery consists of a wild spawn-on-kelp fishery and a spawn-on-kelp pound fishery.

The wild fishery occurs in Prince William Sound and Bristol Bay, and consists of harvesting kelp that the herring have laid their spawn on naturally in the wild. This is a small fishery with low harvest levels compared to the pound fisheries.

The pound fisheries traditionally occur in Prince William Sound, although limited pound fisheries are developing in Southeast. The Prince William Sound fishery was closed during 1993, and the Southeast fishery is still in its infancy. (See Table 2-18.)

Food & Bait: The food & bait fishery harvested 8.9 million pounds. The total ex-vessel value of the fishery was $1.2 million. The Dutch Harbor food and bait fishery accounted for the bulk of the harvest (4.5 million pounds). (See Table 2-19.)

Sac Roe: The total sac roe herring harvest was 90 million pounds. As with halibut, the total purchases are less than the total harvest since significant quantities of sac roe herring harvested in Southeast Alaska were transported to British Columbia by fishermen for sale and processing.

The total ex-vessel value of the purchases was $18 million. The largest purchases occurred in Bristol Bay (36 million pounds) and Southeast (21 million pounds). (See Table 2-20.)

2.2.4 Sablefish

Total purchases of sablefish by the shoreside processing industry during 1993 were 42 million pounds. The total value was $104 million.

Sablefish harvests occur primarily in the Gulf of Alaska, although limited fisheries also occur in the Bering Sea and Aleutian Islands. Purchases were highest in Southeast with 17.8 million pounds ($44.5 million in value), followed by Kenai/Cook Inlet (11.8 million pounds valued at $29 million), and Kodiak (6.8 million pounds valued at $5.3 million). (See Table 2-21.)

2.2.5 Groundfish

The total groundfish purchases statewide during 1993 by the shoreside processing industry were nearly 1.5 billion pounds, valued at $134 million Groundfish species include pollock, Pacific cod, flounder (including sole), rockfish, and miscellaneous groundfish. Groundfish are typically high volume, low value species. The average price was $0.09 per pound. Harvest and production of groundfish is essentially limited to Kodiak, the Alaska Peninsula, and the Bering Sea/Aleutian Islands.

Catcher/processor vessels that are able to both harvest and process the catch on board the vessel and large ocean-going mothership factory vessels that continuously operate in an at-sea mode are significant components of the groundfish fisheries in the Bering Sea and, to a lesser extent, the Gulf of Alaska. The purchase figures identified in this report reflect only those purchases made by shoreside processors—they do not include production by catcher/processors or at-sea motherships.

Statewide purchases of pollock by the shoreside processing industry during 1993 were 1.27 billion pounds. The bulk of the purchases were made in the Bering Sea/Aleutian Islands area, with the remainder in Kodiak and the Alaska Peninsula. In the Bering Sea/Aleutians, 1 billion pounds were purchased, while 183 million pounds were purchased in Kodiak and 60 million pounds in the Alaska Peninsula. The total value of the pollock purchases were $92.6 million. (See Table 2-22.)

Pacific cod purchases during 1993 were 184 million pounds. (See Table 2-23.) The total value was $33 million. Seventy-five million pounds were purchased in the Bering Sea/Aleutians, 54 million pounds in Kodiak, and 45 million pounds in the Alaska Peninsula.

Purchases of flounders amounted to 23 million pounds during 1993. These were essentially limited to Kodiak where 21 million was purchased. The total value of the fishery was $3.4 million. (See Table 2-24.)

Rockfish purchases during 1993 were 3.9 million pounds. The total value was $4.9 million. Southeast processors purchased 1.8 million pounds (valued at $2.3 million) and Kodiak processors purchased 1.2 million pounds (valued at $1.5 million). (See Table 2-25.)

Figures 2-9 and 2-10 display the distribution of groundfish purchased by species as a percent of total pounds and total value respectively.

Figure 2-9
Distribution of Groundfish by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993 (in percent of total pounds)

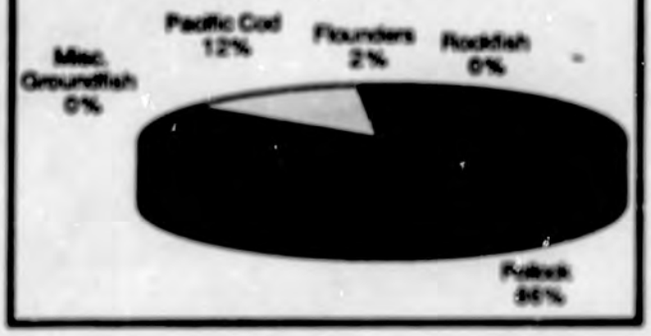
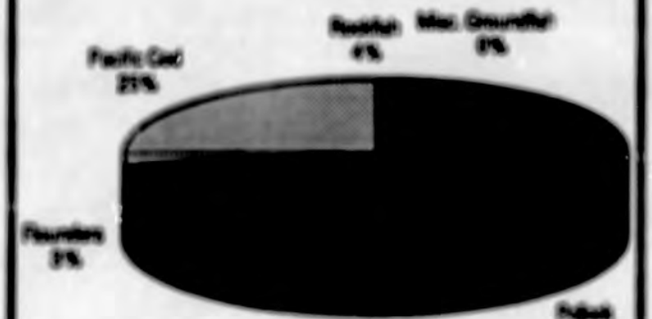


Figure 2-10
Distribution of Groundfish by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993 (in percent of total value)



2.2.6 Shellfish

The total landings and purchases of shellfish statewide during 1993 by the shoreside processing industry was 214 million pounds, valued at $252 million.

The shellfish categories include red king crab, brown and blue king crab as a combined category, bairdi Tanner crab, opilio Tanner crab, and Dungeness crab. Inconsequential harvests of Korean hair crab also occur, and are included in the miscellaneous shellfish species category.

Catcher/processor vessels that are able to both harvest and process the catch on board the vessel are significant components of the crab fisheries in the Bering Sea; they are insignificant in other crab fisheries in other regions of Alaska. As a result, the purchase figures represented by red, blue, and brown king crab, and by bairdi and opilio Tanner crab in the Bering Sea are less then the total harvest in that region.

The red king crab harvest was limited to the Bering Sea during 1993. Purchases of red king crab, however, occurred in the Alaska Peninsula and Kodiak regions as well as the Bering Sea/ Aleutians region. A total of 9.5 million pounds were purchased by the shoreside processors during 1993. (See Table 2-27.) The ex-vessel value was $37.2 million.

Brown king crab harvests were limited to the Bering Sea and Southeast Alaska, while blue king crab harvests are limited to the Bering Sea. During 1993, the total statewide purchases by the shoreside processors of brown and blue king crab were 5.4 million pounds. (See Table 2-28.) The ex-vessel value was $12.6 million.

The bairdi Tanner crab harvests were also limited to the Bering Sea and Southeast Alaska during 1993. The total statewide purchases by shoreside processors were 39.4 pounds. (See Table 2-29.) The ex-vessel value was $72.4 million.

Opilio Tanner crab are harvested exclusively in the Bering Sea. The opilio fishery is the largest in both volume and in value, generating 149.6 million pounds in purchases at an ex-vessel value of $113 million. (See Table 2-30.)

Dungeness crab fisheries occur in Southeast Alaska, Kodiak, and Cook Inlet. The fisheries normally occur during the summer and the fall to take advantage of the summer market conditions. The total statewide purchases by shoreside processors were 4.8 million pounds. (See Table 2-31.) The ex-vessel price value was $4.7 million.

Figures 2-11 and 2-12 display the distribution of shellfish purchased by species as a percent of total pounds and total value respectively.

Figure 2-11
Distribution of Shellfish by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993 (in percent of total pounds)

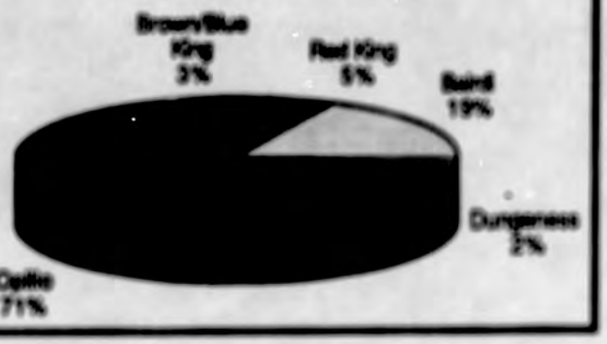
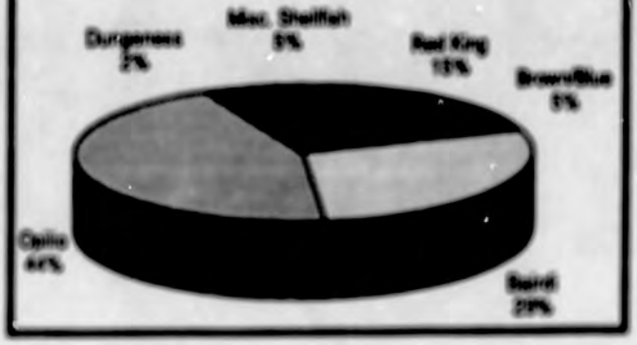


Figure 2-12
Distribution of Shellfish by Major Species Category Purchased by Shoreside Processing Industry in Alaska during 1993 (in percent of total value)



2.2.7 Other Species

Other species consist of clams, geoduck, sea cucumbers, shrimp, sea urchins, and abalone. These fisheries predominantly occur in Southeast Alaska. The total combined purchases during 1993 were 4.3 million pounds. The total value was $3.2 million, or $0.73 per pound. Viewed individually, shrimp consisted of 3.2 million, with a gross value of $2.3 million, or $0.71 per pound, and the remainder of the species combined totaled 1.15 million pounds with a gross value of $900,000, or $0.78 per pound. (See Tables 2-32 and 2-33.)

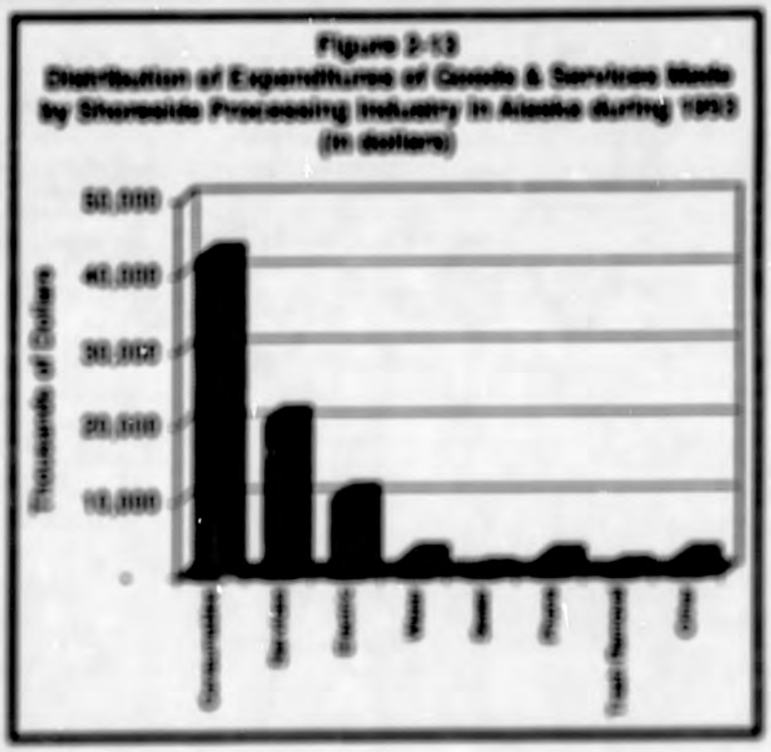
2.3 Statewide Purchases of Goods & Services

The PSPA questionnaire asked their members to identify the expenditures of goods and services they purchased in Alaska, by plant, by community, and by month. The expenditures are only those made in the community during the year, and do not reflect expenditures that may have been made in other communities in Alaska or outside the state.

The total expenditures identified by the PSPA respondents were doubles to estimate total statewide expenditures by the entire shoreside seafood processing industry. The double expansion figure was used in recognition that not all of PSPA's members responded to this portion of the questionnaire, and not every shoreside seafood processing company operating in Alaska is a member of PSPA. The expansion seems conservative given the fact that approximately 30 of the PSPA company facilities responded to this portion of the questionnaire, yet there are more than 330 shoreside facilities overall that engage in some form of commercial seafood processing during the year.

The purchase categories consist of consumables, services, electricity, water, sewer, and other purchases. A total of $42 million in purchases were reported (see Table 2-34). Figure 2-13 displays the expenditures by category.

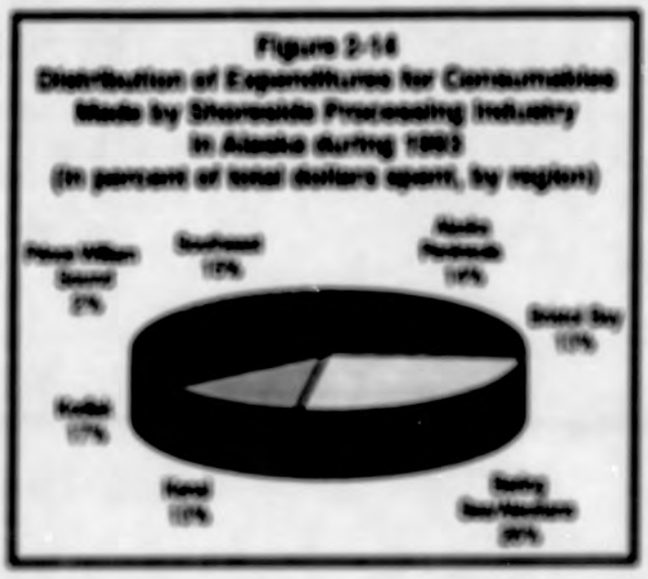
Figure 2-13
Distribution of Expenditures of Goods & Services Made by Shoreside Processing Industry in Alaska during 1993 (in dollars)



2.3.1 Consumables

During 1993, approximately $43 million in consumables were purchased by the shoreside processing industry in Alaska. Consumables are defined as those goods that are perishable or otherwise used to support the operation of the facility. They include food, fuel, fiber, gear, etc.

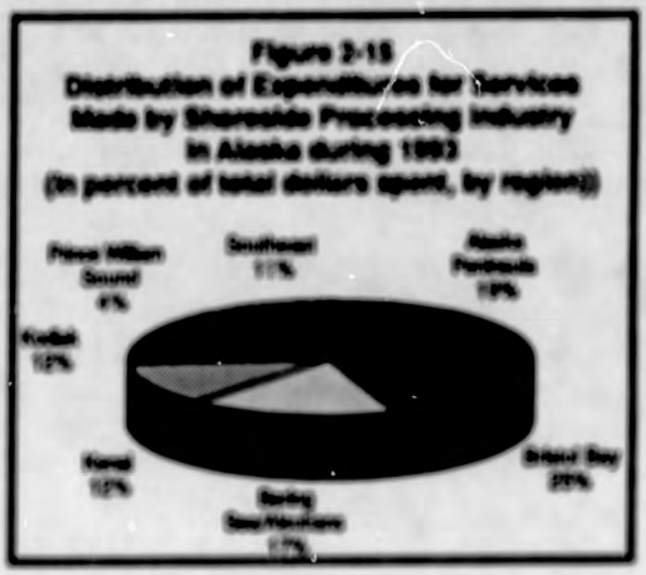
Table 2-35 details the purchases by region and quarter. The Bering Sea/Aleutians region reported the greatest level of consumables with $11 million purchased. In other regions, seafood processors in Kodiak spent $7.4 million, and $5 to $6 million in all other regions except Prince William Sound (where $1 million was spent). Figure 2-14 shows the distribution of expenditures by region, in percent of total dollars spent.



2.3.2 Services

Approximately $21 million in services were purchased by the shoreside processing industry in Alaska during 1993. Services are defined as those activities that are in support of the operation of the facility. They include mechanical, refrigeration, electrical, etc.

Table 2-36 details the purchases by region and quarter. Bristol Bay region reported the greatest level of purchases with $7.4 million, followed by the Alaska Peninsula ($4 million), and the Bering Sea/Aleutians ($3.5 million). Kenai, Kodiak, and Southeast were each about $2.5 million, while Prince William Sound was $700,000. Figure 2-15 shows the distribution of expenditures by region, in percent of total dollars spent.



2.3.3 Electricity

During 1993, approximately $10.5 million in electricity was purchased from local utilities by the shoreside processing industry in Alaska. Table 2-37 details the purchases by region and quarter.

The Kodiak region reported the greatest amount of electricity expenditures with $4.4 million purchased. The Southeast area was next with $2.2 million in purchases, followed by Kenai with $1.5 million, and Prince William Sound with $1.4 million. It is noteworthy that the major shoreside processors in Unalaska/Aleutian produce a substantial portion of their own electricity by utilizing fish oil they produce for fuel for their in-house generators; the total electric expenditures in this region were reported to be $35,000.

2.3.4 Water

Approximately $2.2 million in water were purchased by the shoreside processing industry during 1993 in Alaska. Table 2-38 details the purchases by region and quarter.

With the exception of the Alaska Peninsula and Bristol Bay (where the costs was less than $100,000), all regions had water expenses of $300,000 to $600,000.

2.3.5 Sewage

The shoreside processing industry spent approximately $430,000 for sewer services in Alaska during 1993. Table 2-39 details the purchases by region and quarter.

2.3.6 Other Purchases

During 1993, approximately $4.8 million in expenditures on other items were made by the shoreside processing industry in Alaska. Other purchases include telephone expenses, etc. Tables 2-40 through 2-42 detail the purchases by region and quarter.

2.4 Employment

During 1993, a total of $778 million was spent by the shoreside processors on wages and fringe benefit/overhead expenses for employees in Alaska. (See Table 2-43.) This consisted of $287 million in direct wages to employees, $66 million for fringe benefits and other employee overhead costs, and $5 million on transportation costs to move employees to and from work site locations. On a monthly average, 10,561 people were employed in shoreside processing facilities.

2.4.1 Direct Employment and Employee Overhead Expenditures

Table 2-44 shows the employment impact on a regional basis, by quarter during 1993. Table 2-45 provides a monthly breakdown by region.

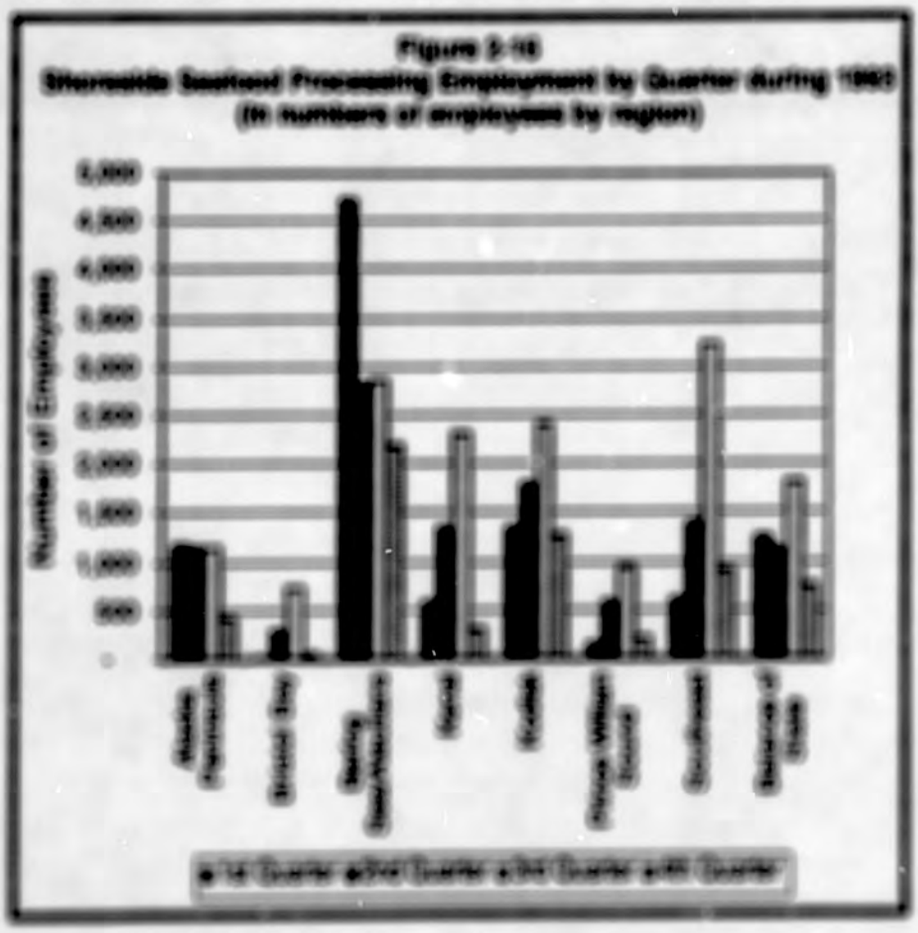
Overall, the Bering Sea/Aleutians region had the highest level of average monthly employment at 3,154 employees per month. Kodiak had the second highest average at 1,720 employees per month. All other regions with the exception of Prince William Sound and Bristol had average monthly employment between 1,000 and 1,500 employees per month; Prince William Sound averaged 688 and Bristol Bay averaged 266.

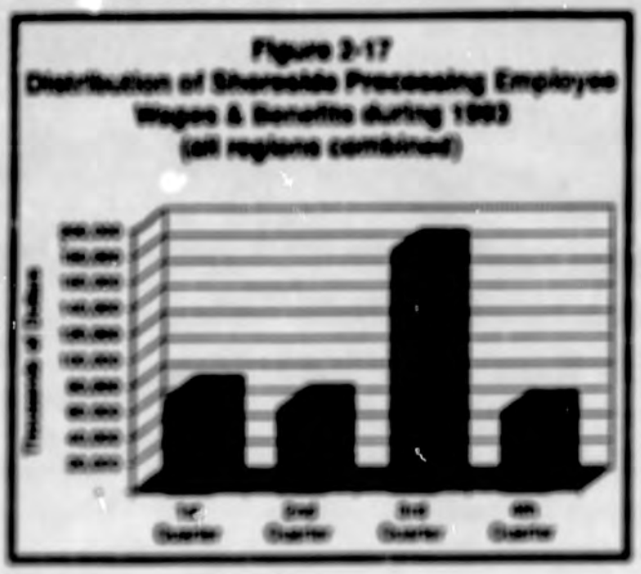
Employment varied substantially by region and quarter. Figure 2-16 compares quarterly employment by region. The seasonality of employment was directly related to the diversity of species available for harvest and processing. Access to groundfish and/or shellfish stocks served to round out the shoulder seasons surrounding salmon fisheries.

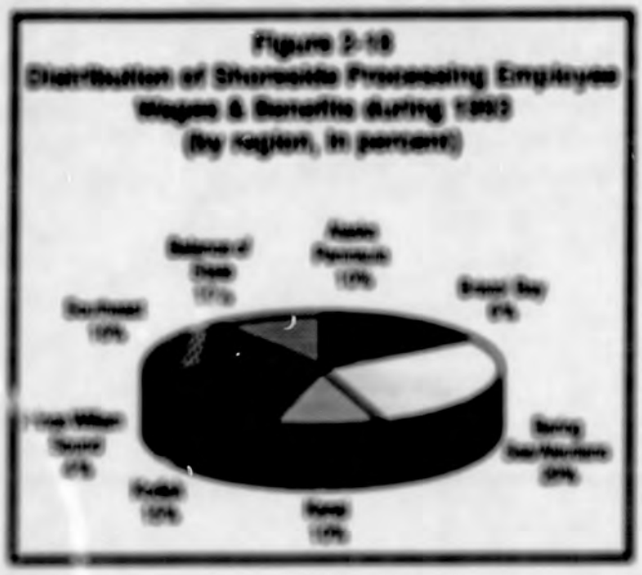
It is interesting to note the influence that groundfish processing has on employment. Prior to the advent of shoreside groundfish processing in 1988, the employment fluctuations in the Alaska Peninsula, Kodiak, and the Bering Sea/Aleutians regions would have been much more severe since there would have been little employment opportunity available during the first and fourth quarters. Groundfish tends to be harvested during the winter months in the Bering Sea and year round in the Gulf of Alaska; this evens out the distribution of employment opportunities.

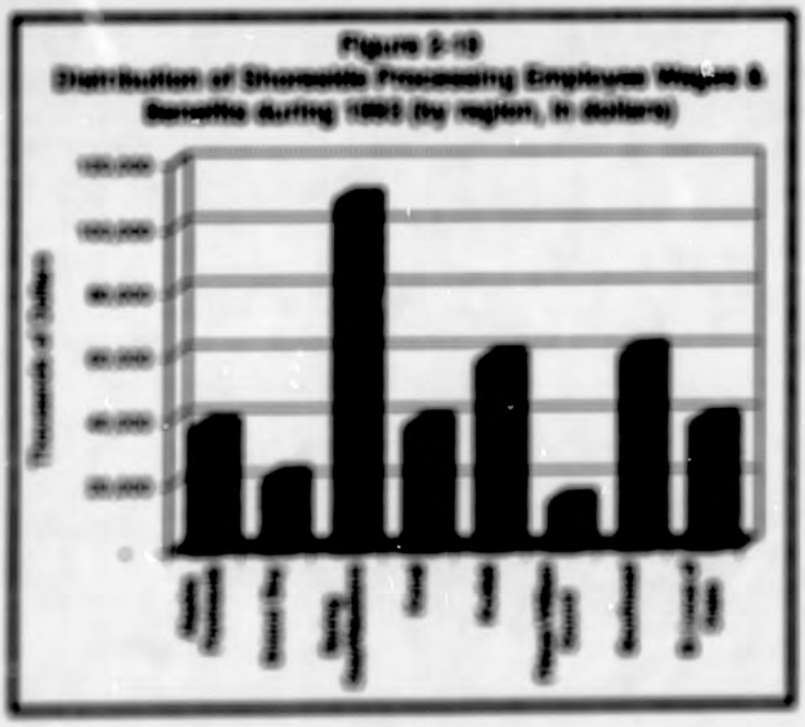
Employee earnings generally follow the same distribution pattern as employment. Figure 2-17 displays the statewide distribution of shoreside processing employee wages and benefits, by quarter, during 1993. Figure 2-18 illustrates the percentage of shoreside processing wages and benefits by region for the calendar year, while Figure 2-19 compares the expenditures by region in dollars.

Figure 2-16
Shoreside Seafood Processing Employment by Quarter during 1993
(in numbers of employees by region)









2.4.2 Transportation

The shoreside processing industry spent $5 million during 1993 to transport employees to and from various work locations within Alaska. This number was initially derived from the responses to the PSPA questionnaire, in which responding companies identified the number of employees flown to and from the work site, and the accompanying cost, by month; that data was then compared to total employment figures identified in the same questionnaire to identify the regional average number of employees transported and the average cost of transportation. These figures were then applied to total seafood employment as identified by the state, by region and quarter during 1993, to estimate total numbers of employees transported and the cost.

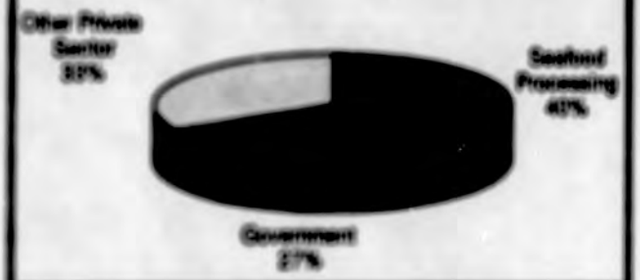
2.4.3 Indirect Employment

The seafood industry is the economic engine for many communities and regions within coastal Alaska. In some communities, there is no other industry. As a result, the purchase of fish and shellfish by shoreside processors sets in motion an entire economic structure that affects all ways of life in each of the communities. In preparation for the fishing season, harvesters employ crew members and purchase goods and supplies. Following the delivery of the harvest and production, the products must be transshipped to the market. Each individual employed and each dollar expended in the community contributes to another job in the community—which, in turn, generates additional employment and expenditures within the community.

Figure 2-20 illustrates the relationship between the shoreside processing industry and other employment opportunity in a region. The figure shows the relative percentage of employment provided by seafood processing, other private sector employment, local and state government, and federal government in the region encompassing Kodiak, Bristol Bay, the Alaska Peninsula, and the Aleutian Islands during 1993. Forty percent of total employment in this region

during 1993 consisted of seafood processing, 33% was other private sector employment, and 25% was government. The 40% seafood processing figure does not include crew jobs, captain positions on fishing vessels, or other private sector jobs that are directly provide services to the shoreside seafood processing industry. Without the shoreside processing and fishing industry in this region, there would be little private sector employment opportunity since most of that opportunity exists to service the shoreside seafood processing industry. As processing employment increases, so does employment opportunity elsewhere in the private sector.

Figure 2-20
Percentage of Available Jobs in the Region Encompassing Kodiak, Bristol Bay, the Alaska Peninsula, and the Aleutian Islands during 1993



2.8 Taxes, Assessments, and Fees

During 1993, the shoreside processing industry paid $71 million in state and local taxes, assessments, and licenses, including $26.5 million in state raw fish tax, $14.7 million in local taxes on fish purchases, and $30 million in property tax, state corporate income tax, licenses, ASMI assessments, etc. (See Tables 2-1 through 2-6.) Figure 2-21 shows the amount of state and local fish taxes paid by quarter during the year.

Fifty percent of the state raw fish tax is returned to the community in which it was collected as a form of revenue sharing; therefore, the total amount of raw fish tax collections that are available for use in a community or region are substantially greater than the amount collected by the community itself.

During 1993, the total amount of fish taxes paid by the shoreside processing industry that were available for use by the communities were approximately $28 million. Figure 2-22 shows the amount of state and local raw fish collected on a quarterly basis during 1993 that will be returned or is otherwise available for use within the region. Figure 2-23 displays the amount available to each region.

Figure 2-22
Amount of State and Local Fish Taxes Paid by Shoreside Processing Industry during 1993 and Available for Use in the Community (by quarter, in dollars)

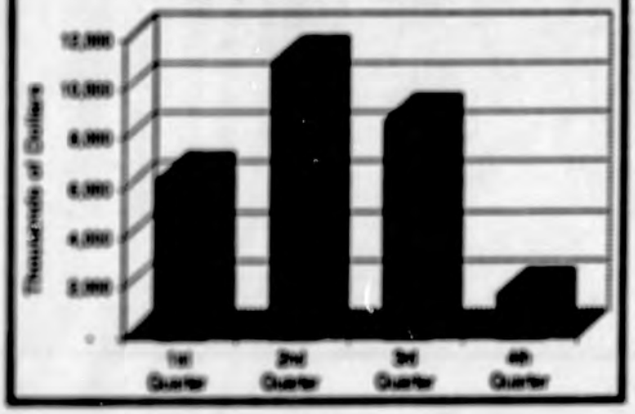
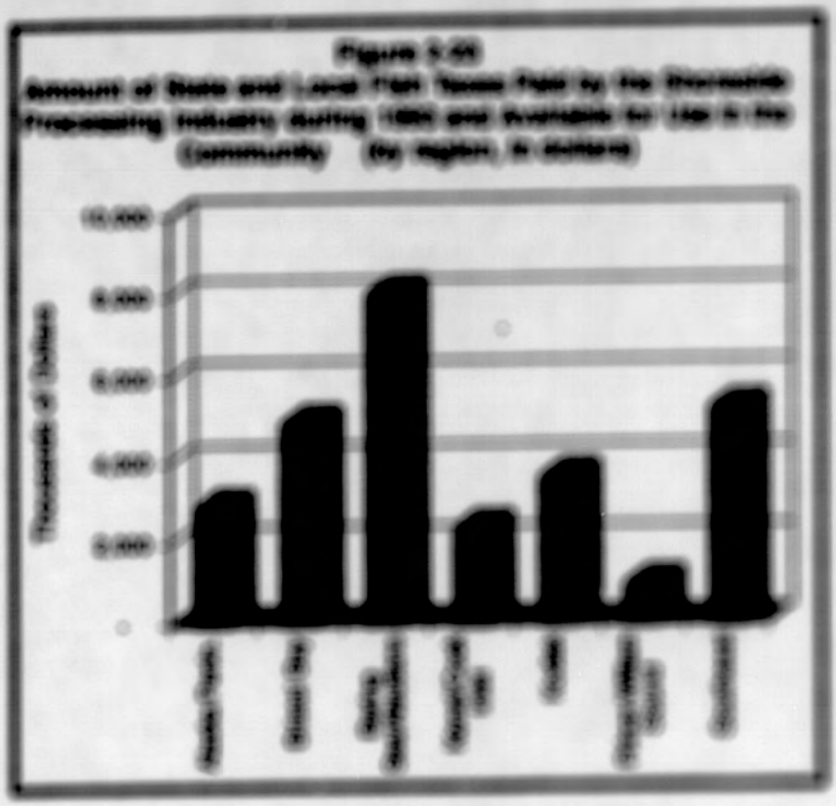
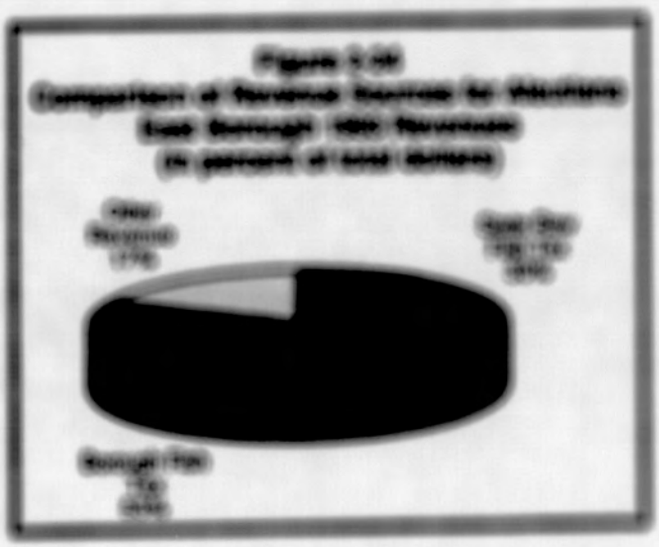


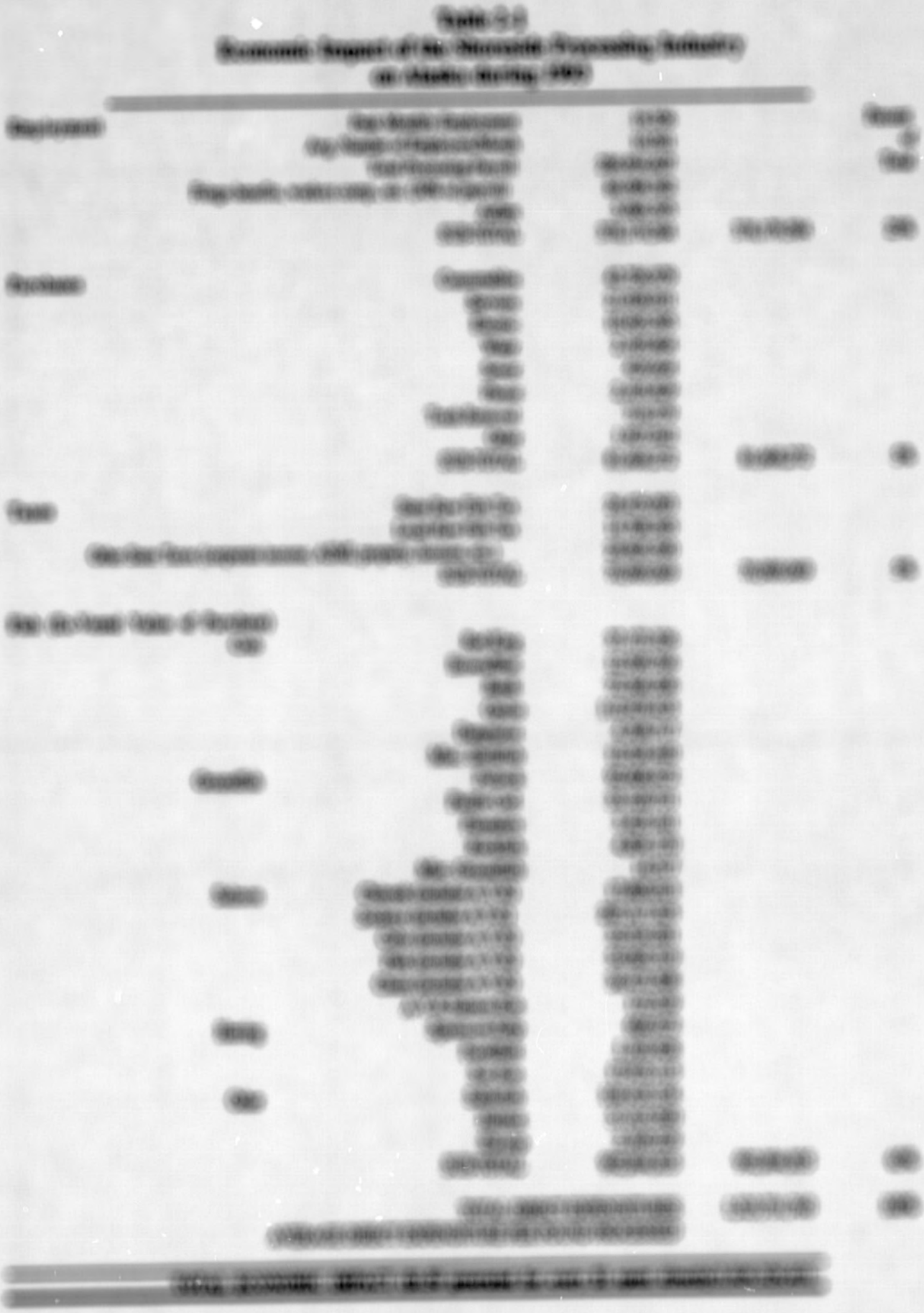
Figure 2-21
State and Local Fish Taxes Paid by Shoreside Processing Industry during 1993 (by quarter)

Payments of taxes and other fees made by the shoreside seafood processing industry constitute significant contributions to the overall revenues available to most municipalities and boroughs in coastal Alaska. In the Aleutians East Borough, for example, 83% of total revenues during 1993 were composed of fish taxes paid by the shoreside processing industry: from total revenues of $5.9 million, local Aleutians East Borough fish taxes accounted for $3.1 million and state raw fish taxes returned to the borough as revenue

during accounted for $1.8 million. (See Figure 2.28.)







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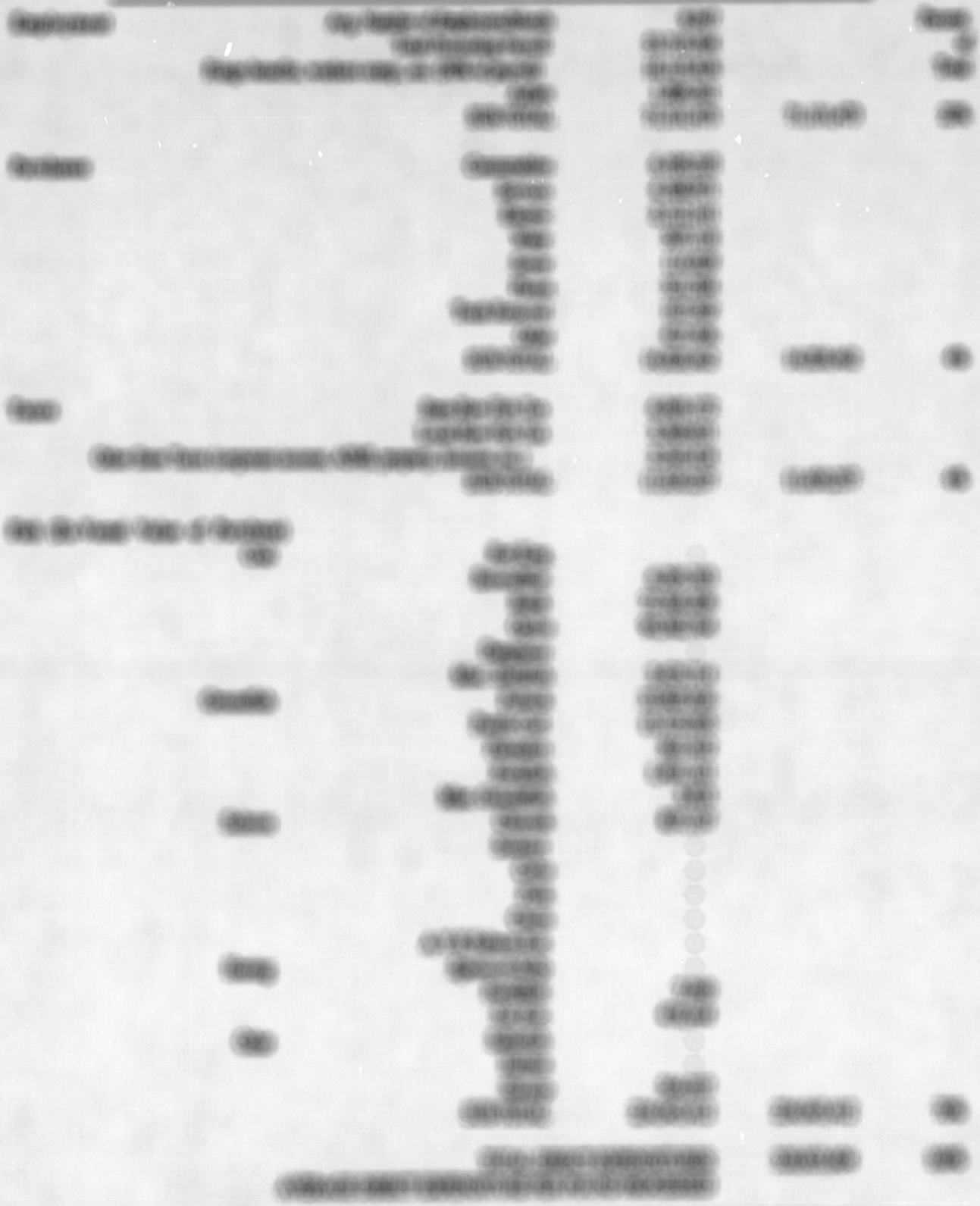

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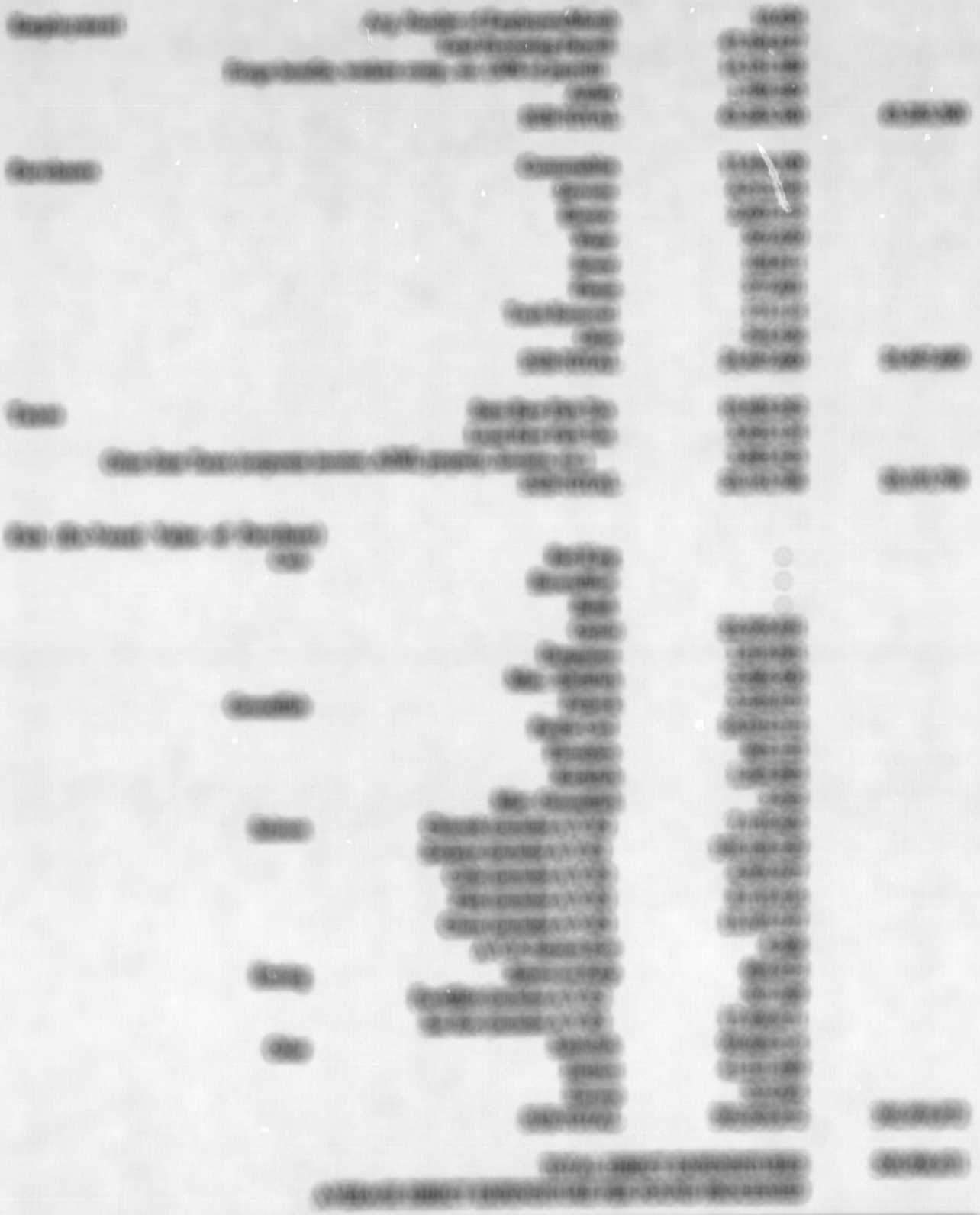

Table 5-8
Economic Impact of the Statewide Processing Industry
on Alaska during the Third Quarter, 2005

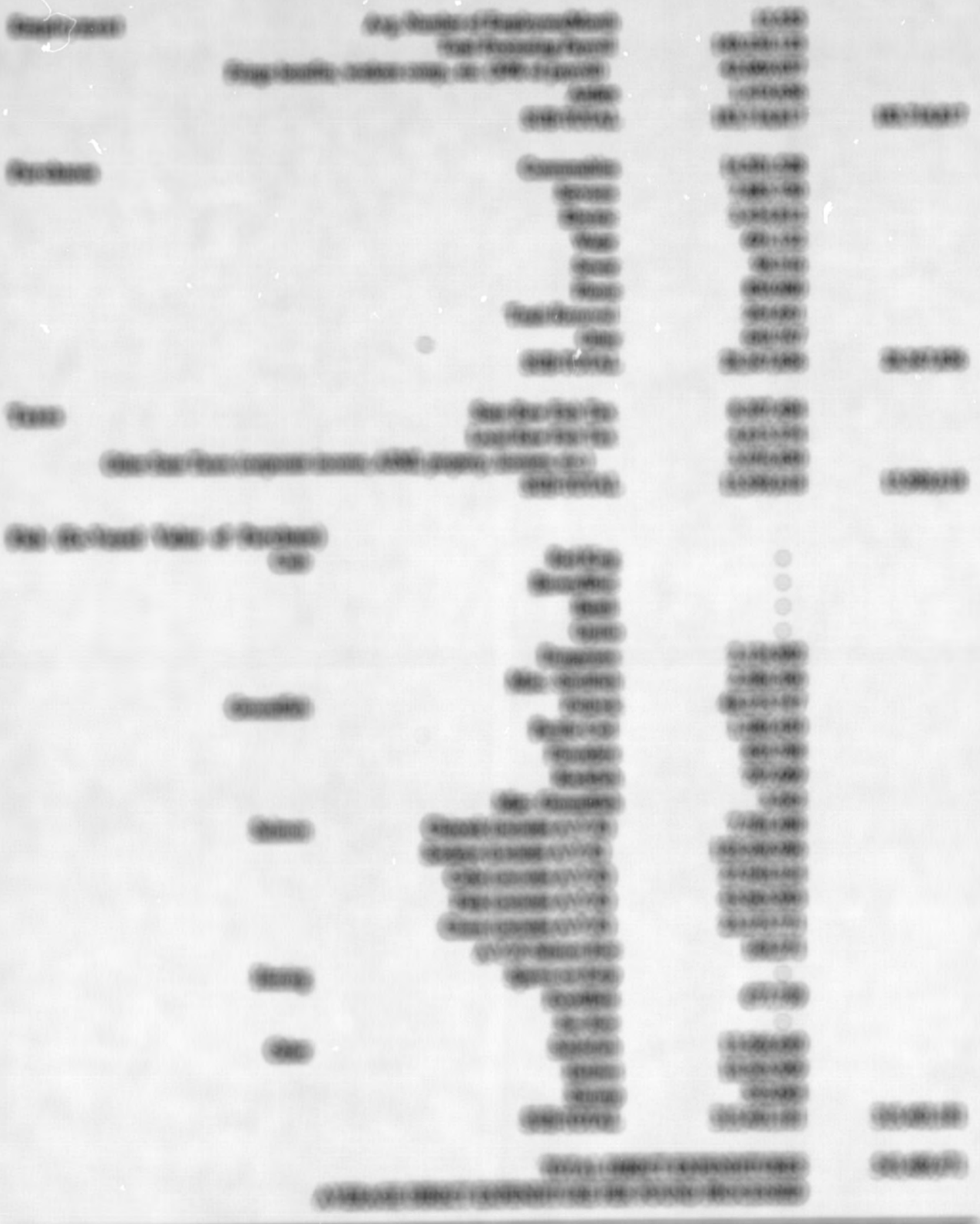

Table 5-5
Economic Impact of the Oleoresin Processing Industry
on Visalia during the Fourth Quarter, 0X1

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Table 2-6
2002 Purchases of Fish and Shellfish by the Statewide Processing Industry
(pounds, by species, by quarter, statewide)

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2-7
Regional Purchases of Fish and Shellfish Statewide during 1993
(in pounds and percent, by quarter)

Pounds Harvested	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bristol Bay	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bering Sea/Aleutians	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenai/Cook Inlet	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Balance of State	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Percent of Harvest by Region & Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Percent of Total
Alaska Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bristol Bay	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bering Sea/Aleutians	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenai/Cook Inlet	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Balance of State	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Percent by Region	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bristol Bay	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bering Sea/Aleutians	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenai/Cook Inlet	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Balance of State	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Quarterly Average	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2-8
Statewide Purchases of Fish and Shellfish by Major Species Group during 1993 (in pounds and percent, by quarter)

Pounds Purchased By Species Group	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Shellfish	163,331,839	32,937,592	3,314,248	14,493,726	214,081,405
Shrimp	715,892	706,592	706,592	706,592	2,835,668
Groundfish	551,513,254	157,691,560	690,072,970	82,186,283	1,481,464,095
Sablefish	-	36,567,406	5,426,656	-	41,774,062
Salmon	471,906	299,914,291	543,582,798	1,179,759	845,148,752
Herring	2,249,676	92,648,174	4,518,250	16,000	99,431,100
Halibut	-	33,838,294	8,497,796	-	42,337,090
Total	718,282,565	654,084,847	1,256,119,310	98,582,359	2,727,072,090

Percent of Total Harvest by Species & Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Percent of Total
Shellfish	23%	5%	0%	15%	8%
Shrimp	0%	0%	0%	1%	0%
Groundfish	77%	24%	55%	83%	54%
Sablefish	0%	6%	0%	0%	2%
Salmon	0%	46%	43%	1%	31%
Herring	0%	14%	0%	0%	4%
Halibut	0%	5%	1%	0%	2%
Total	100%	100%	100%	100%	100%

Percent by Species During Each Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Shellfish	76%	15%	2%	7%	100%
Shrimp	25%	25%	25%	25%	100%
Groundfish	37%	11%	47%	4%	100%
Sablefish	0%	87%	13%	0%	100%
Salmon	0%	35%	64%	0%	100%
Herring	2%	93%	5%	0%	100%
Halibut	0%	80%	20%	0%	100%
Quarterly Average	26%	24%	46%	4%	100%

Table 2-9
Statewide Purchases of Fish and Shellfish by the Shoreside Processing Industry during 1993
(in dollars, by quarter, by species)

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Red King	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Brown/Blue	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Snidi	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Opilio	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dungeness	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Misc. Shellfish	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pollock	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pacific Cod	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Flounders	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rockfish	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Misc. Groundfish	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chinook	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sockeye	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Coho	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pink	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Spawn on Kelp	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food/Bait	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sac Roe	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Salmon	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Halibut	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Shrimp	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2-10
Statewide Purchases of Fish and Shellfish by Major Species Group during 1993 (in dollars and percent, by quarter)

Ex-Vessel Purchases by Species Group (dollars)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Shellfish	172,720,067	27,001,158	4,711,419	47,908,277	252,340,911
Shrimp	364,077	532,064	532,064	532,064	1,960,269
Groundfish	49,439,648	23,423,552	51,207,636	9,953,277	134,021,252
Sablefish	-	90,868,514	13,566,640	-	104,435,154
Salmon	827,157	191,193,964	234,175,402	2,092,892	428,289,446
Herring	482,464	18,686,752	677,759	1,760	19,848,734
Halibut	-	41,251,680	10,363,909	-	51,615,589
Total	224,043,412	392,957,685	315,234,909	60,488,271	992,722,295

Percent of Total Value by Group & Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Percent of Total
Shellfish	77%	7%	1%	79%	25%
Shrimp	0%	0%	0%	1%	0%
Groundfish	22%	6%	16%	16%	14%
Sablefish	0%	23%	4%	0%	11%
Salmon	0%	49%	74%	3%	43%
Herring	0%	5%	0%	0%	2%
Halibut	0%	11%	3%	0%	5%
Total	100%	100%	100%	100%	100%

Percent Value by Species During Each Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Shellfish	68%	11%	2%	19%	100%
Shrimp	36%	27%	27%	27%	100%
Groundfish	37%	17%	38%	7%	100%
Sablefish	0%	87%	13%	0%	100%
Salmon	0%	45%	55%	0%	100%
Herring	2%	94%	3%	0%	100%
Halibut	0%	80%	20%	0%	100%
Quarterly Average	23%	40%	32%	6%	100%

Table 2-11
Statewide Purchases of Fish and Shellfish by Region during 1993 (in dollars and percent, by quarter)
Ex-Vessel Expenditures by Region (in dollars)

Ex-Vessel Purchases by Region (dollars)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bristol Bay	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bering Sea/Aleutians	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenai/Cook Inlet	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Balance of State	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Percent of Purchase by Region & Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Percent of Total
Alaska Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bristol Bay	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bering Sea/Aleutians	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenai/Cook Inlet	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Balance of State	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Percent by Region	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bristol Bay	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bering Sea/Aleutians	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenai/Cook Inlet	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Balance of State	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Quarterly Average	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2-12
Purchases of Chinook Salmon by the Statewide Processing Industry during 1993 (in pounds, dollars and percent, by quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	0%	50%	50%	0%	100%
Bristol Bay	0%	50%	50%	0%	100%
Bering Sea/Aleutians	0%	0%	0%	0%	0%
Kodiak	0%	50%	50%	0%	100%
Prince William Sound	0%	50%	50%	0%	100%
Southeast	10%	40%	50%	0%	100%
AYK	0%	33%	67%	0%	100%

By Pounds:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	0	444,396	444,396	0	888,792
Bristol Bay	0	740,996	740,996	0	1,481,911
Bering Sea/Aleutians	0	0	0	0	0
Kodiak	0	370,998	370,998	0	741,771
Prince William Sound	0	333,298	333,298	0	666,597
Southeast	0	337,278	337,278	0	674,557
AYK	471,999	1,987,934	1,979,759	1,979,759	6,719,036
Total	0	859,959	1,999,968	0	2,859,927
	471,999	6,797,857	6,979,996	1,979,759	11,279,099

by Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	0	91,999	91,999	0	183,997
Bristol Bay	0	566,119	566,119	0	1,132,239
Bering Sea/Aleutians	0	0	0	0	0
Kodiak	0	380,199	380,199	0	760,398
Prince William Sound	0	99,960	99,960	0	199,919
Southeast	0	216,857	216,857	0	433,713
AYK	67,137	3,346,958	3,499,369	1,499,369	8,412,833
Total	0	1,960,769	1,739,238	0	3,699,007
	67,137	7,170,867	7,196,689	1,499,369	17,864,013

Table 2-13
Purchases of Sockeye Salmon by the Statewide Processing Industry during 1997 (in pounds, dollars and persons, by quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	0%	50%	50%	0%	100%
[illegible]	0%	50%	50%	0%	100%
[illegible]	0%	0%	0%	0%	0%
[illegible]	0%	50%	50%	0%	100%
[illegible]	0%	50%	50%	0%	100%
[illegible]	0%	50%	50%	0%	100%
[illegible]	0%	50%	50%	0%	100%
[illegible]	0%	50%	50%	0%	100%

By Pounds:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	0	0	0	0
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]

by Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	0	0	0	0
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]

Table 3-10
Purchases of Coho Salmon by the Statewide Processing Industry during 1997 (in pounds, dollars and percent, by quarter)

By Percent	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

By Pounds	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

By Dollars	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Table 3-10
Significance of Risk Spillover by the Chemicals Processing Industry
during 1993 (in pounds, dollars and persons, by quarter)

By Persons	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	4%	6%	5%	4%	19%
Kenai Bay	4%	6%	8%	4%	22%
Kenny Sea Peninsula	4%	4%	4%	4%	4%
Kodiak	4%	6%	8%	4%	22%
Kuskokwim	4%	6%	8%	4%	22%
Prince William Sound	4%	6%	8%	4%	22%
Southeast	4%	7%	8%	4%	23%
Yukon	4%	6%	8%	4%	22%

By Pounds	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	0	(1,284,678)	(7,655,000)	0	(8,939,678)
Kenai Bay	0	(9)	(1,000)	0	(1,009)
Kenny Sea Peninsula	0	0	0	0	0
Kodiak	0	(33,000)	(1,113,000)	0	(1,146,000)
Kuskokwim	0	(1,284,000)	(8,116,178)	0	(9,400,178)
Prince William Sound	0	(1,000,000)	(1,013,077)	0	(2,013,077)
Southeast	0	(2,000,000)	(13,000,000)	0	(15,000,000)
Yukon	0	(8,000)	(88,000)	0	(96,000)
Total	0	(5,609,788)	(31,006,000)	0	(36,615,888)

By Workers	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	0	(1,000,000)	(3,000,000)	0	(4,000,000)
Kenai Bay	0	(9)	(9)	0	(18)
Kenny Sea Peninsula	0	0	0	0	0
Kodiak	0	(8,000)	(99,000)	0	(107,000)
Kuskokwim	0	(1,284,000)	(3,000,000)	0	(4,284,000)
Prince William Sound	0	(999,999)	(1,999,000)	0	(2,998,999)
Southeast	0	(2,000,000)	(5,000,000)	0	(8,000,000)
Yukon	0	(9,000)	(7,000)	0	(16,000)
Total	0	(5,300,000)	(13,000,000)	0	(18,400,000)

Table 3-16
Purchases of Chum Salmon by the Shoreside Processing Industry
during 1993 (in pounds, dollars and persons, by quarter)

By Pounds	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Dollars	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Workers	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2-17
Purchases of Halibut by the Shoreside Processing Industry during 1992 (in pounds, dollars and percent, by quarter)

By Percent	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	0%	80%	20%	0%	100%
[illegible]	0%	30%	70%	0%	100%
[illegible]	0%	80%	20%	0%	100%
[illegible]	0%	80%	20%	0%	100%
[illegible]	0%	80%	20%	0%	100%
[illegible]	0%	80%	20%	0%	100%
[illegible]	0%	80%	20%	0%	100%
[illegible]	0%	0%	0%	0%	0%

By Pounds	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	0	0	0	0
Total	0	[illegible]	[illegible]	0	[illegible]

By Dollars	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
[illegible]					0
Total	0	[illegible]	[illegible]	0	[illegible]

Table 2.1.B
Purchases of Recycling Materials (in $/ton) by Material Processing Industry Sector, 2023
(in pounds, dollars per pound, % growth)

a) Periods	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	0	0	0	0	0
Bristol Bay	0	000	0	0	000
Kenai Lowlands	0	0	0	0	0
Kodiak	0	0	0	0	0
Kuskokwim	0	0	0	0	0
Prince William Sound	0	0	0	0	0
Southeast	0	000	0	0	000
Yukon	0	0	0	0	0

b) Periods	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula					
Bristol Bay		$0,000			$0,000
Kenai Lowlands					
Kodiak					
Kuskokwim					
Prince William Sound					
Southeast		$000			$000
Yukon					
Total		$0,000			$0,000

c) Sectors	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula					
Bristol Bay		$0,000			$0,000
Kenai Lowlands					
Kodiak					
Kuskokwim					
Prince William Sound					
Southeast		$0,000			$0,000
Yukon					
Total		$0,000			$0,000

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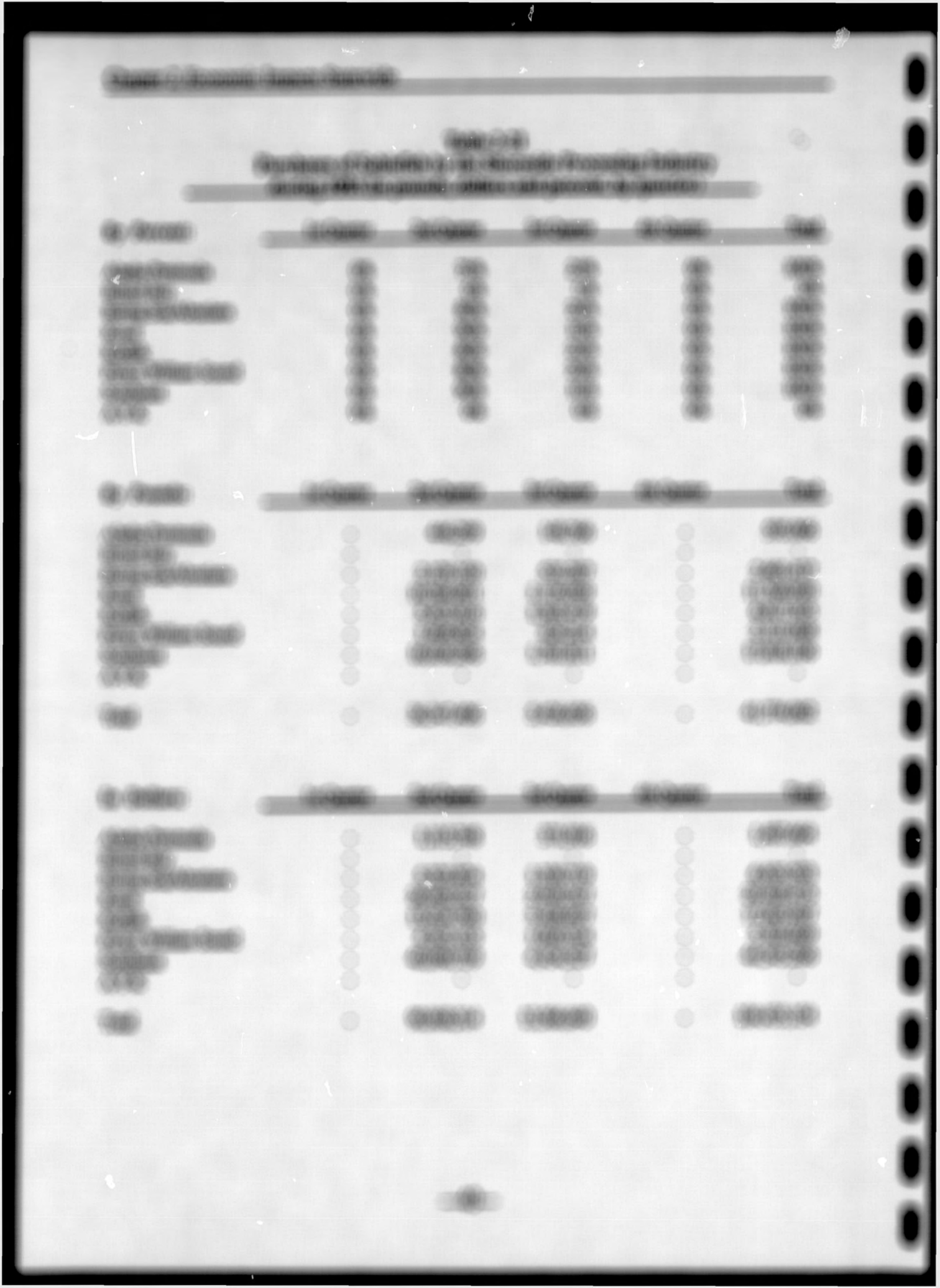

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2-10
Purchases of Domestic (In-State) and Imported (Processing Activity)
Inputs, 1997 (in pounds, dollars and percent, by quarter)

($ in Pounds)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[redacted]					

($ in Pounds)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[redacted]					

($ in Dollars)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[redacted]					

Table 5.20
Purchases of Shellfish by the Statewide Processing Industry during 1993 (in pounds, dollars and percent, by species)

By Species	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenai Rim	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenai Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Unsold	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Species	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	[illegible]				[illegible]
Kenai Rim					
Kenai Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]			[illegible]
Prince	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]			[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Unsold					
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Species	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	[illegible]				[illegible]
Kenai Rim					
Kenai Peninsula	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kodiak	[illegible]	[illegible]			[illegible]
Prince	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prince William Sound	[illegible]	[illegible]			[illegible]
Southeast	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Unsold					
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 5-36
Purchases of Miscellaneous Commodities
by the Chemicals Processing Industry during [XX]
(in pounds, dollars and percent, by quarter)

By Person	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Vendor	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Delivery	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 3-27
Purchases of Red King Crab by the Statewide Processing Industry during 1991 (in pounds, dollars and percent, by quarter)

By Percent	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Pounds	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Dollars	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 3.28
Purchases of Beans and Other Kings (1-48)
by the Statewide Processing Industry(-ies) during (20)
(in pounds, dollars and percent, by quarter)

By Person	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
(Alaska Peninsula)	(0)	(0)	(0)	(0)	(0)
(Kenai Bay)	(0)	(0)	(0)	(0)	(0)
(King Salmon)	(000)	(0)	(0)	(000)	(000)
(Unal)	(0)	(0)	(0)	(0)	(0)
(Unalak)	(0)	(0)	(0)	(0)	(0)
(Naco Willow Creek)	(0)	(0)	(0)	(0)	(0)
(Subtotal)	(000)	(0)	(0)	(000)	(000)

By Provide	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
(Alaska Peninsula)	0	0	0	0	0
(Kenai Bay)	0	0	0	0	0
(King Salmon)	(,000,000)	0	0	(,000,000)	(,000,000)
(Unal)	0	0	0	0	0
(Unalak)	0	0	0	0	0
(Naco Willow Creek)	0	0	0	0	0
(Subtotal)	(00,000)	0	0	(00,000)	(00,000)
Total	(,000,000)	0	0	(,000,000)	(,000,000)

By Workers	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
(Alaska Peninsula)	0	0	0	0	0
(Kenai Bay)	0	0	0	0	0
(King Salmon)	(,000,000)	0	0	(,000,000)	(,000,000)
(Unal)	0	0	0	0	0
(Unalak)	0	0	0	0	0
(Naco Willow Creek)	0	0	0	0	0
(Subtotal)	(00,000)	0	0	(00,000)	(00,000)
Total	(,000,000)	0	0	(,000,000)	(,000,000)

Table 3-39
Purchases of Baitfish Species (sold by the Statewide Processing Industry) during 1993 (in pounds, dollars and percent, by quarter)

By Species	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alabama Hammock	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bonnet Key	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bonnie Sea Anemone	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bream	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cobia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cross William Gandi	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dustfoot	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Pounds	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alabama Hammock	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bonnet Key	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bonnie Sea Anemone	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bream	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cobia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cross William Gandi	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dustfoot	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Dollars	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alabama Hammock	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bonnet Key	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bonnie Sea Anemone	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bream	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cobia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cross William Gandi	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dustfoot	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 3-36
Purchases of Cattle Tanner Crust by the Statewide Processing Industry
During 1993 (in pounds, dollars, and percents by quarter)

By Percent	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Pounds	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Dollars	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2-3
Significance of Emergency Code 15 to the Statewide Forecasting Authority
Activity, 1993 (in gigawatt-hours and gigawatts by quarters)

(a) Variable	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Actual Peak Load	18,420	19,105	20,340	18,760	19,156
Forecast Peak	18,500	19,200	20,500	18,900	19,275
Energy Sold (Actual)	16,210	17,480	19,120	16,540	69,350
Profit	$4,120	$5,310	$6,840	$4,260	$20,530
Outage	0	2	3	1	6
Hours Without Power	0	14	22	6	42
Customers	0	1,180	1,940	520	3,640

(b) Variable	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Actual Peak Load	18,420	19,105	20,340	18,760	19,156
Forecast Peak	18,500	19,200	20,500	18,900	19,275
Energy Sold (Actual)	16,210	17,480	19,120	16,540	69,350
Profit	$4,120	$5,310	$6,840	$4,260	$20,530
Outage	0	2	3	1	6
Hours Without Power	0	14	22	6	42
Customers	0	1,180	1,940	520	3,640

(c) Variable	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Actual Peak Load	18,420	19,105	20,340	18,760	19,156
Forecast Peak	18,500	19,200	20,500	18,900	19,275
Energy Sold (Actual)	16,210	17,480	19,120	16,540	69,350
Profit	$4,120	$5,310	$6,840	$4,260	$20,530
Outage	0	2	3	1	6
Hours Without Power	0	14	22	6	42
Customers	0	1,180	1,940	520	3,640

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2.3b
Expenditures of Air Cargo & Service Contractors by the Statewide Processing Industry Activity, 2019 ($ millions and percents by region and quarter)

By Region	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[redacted]					

By Industry	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[redacted]					

Table 3-30
Purchases of Commodities by the Statewide Processing Industry during 2021 (in dollars and percent, by region and quarter)

By Percent	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

By Dollars	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 2-36
Purchases of Services by the Shoreside Processing Industry during 1993 (in dollars and percent, by region and quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	23%	38%	23%	15%	100%
Bristol Bay	21%	28%	50%	1%	100%
Bering Sea/Aleutians	25%	29%	25%	21%	100%
Kenai	18%	37%	35%	10%	100%
Kodiak	15%	28%	44%	12%	100%
Prince William Sound	12%	29%	52%	7%	100%
Southeast	14%	26%	41%	19%	100%

In Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	940,990	1,530,050	936,380	617,580	4,025,000
Bristol Bay	1,118,254	1,489,879	2,719,787	64,303	5,392,222
Bering Sea/Aleutians	873,036	1,012,546	872,012	735,867	3,493,462
Kenai	469,878	975,236	927,216	251,352	2,623,683
Kodiak	377,312	682,710	1,085,803	294,500	2,440,325
Prince William Sound	89,210	224,872	398,032	54,756	766,870
Southeast	320,290	597,250	946,520	432,408	2,296,468
Total	4,188,971	6,512,544	7,885,750	2,450,766	21,038,031

Table 2-37
Purchases of Electricity by the Shoreside Processing Industry during 1993 (in dollars and percent, by region and quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	29%	26%	23%	23%	100%
Bristol Bay	13%	35%	20%	32%	100%
Bering Sea/Aleutians	47%	7%	9%	37%	100%
Kenai	13%	23%	44%	21%	100%
Kodiak	25%	24%	33%	19%	100%
Prince William Sound	22%	29%	28%	21%	100%
Southeast	17%	21%	35%	27%	100%

In Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	35,852	32,292	28,517	28,517	125,178
Bristol Bay	112,958	310,954	178,834	290,046	892,792
Bering Sea/Aleutians	16,570	2,300	3,250	12,880	35,000
Kenai	195,250	340,842	658,886	311,379	1,506,358
Kodiak	1,068,516	1,057,503	1,416,816	813,787	4,356,621
Prince William Sound	312,986	407,099	402,606	302,678	1,425,370
Southeast	370,009	452,384	745,902	585,971	2,154,266
Total	2,112,141	2,603,375	3,434,812	2,345,257	10,495,585

Table 2-38
Purchases of Water by the Shoreside Processing Industry during 1993 (in dollars and percent, by region and quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	10%	70%	5%	15%	100%
Bristol Bay	14%	39%	43%	4%	100%
Bering Sea/Aleutians	35%	22%	17%	26%	100%
Kenai	15%	14%	51%	20%	100%
Kodiak	22%	23%	35%	21%	100%
Prince William Sound	20%	22%	36%	22%	100%
Southeast	19%	20%	33%	28%	100%

In Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	6,000	42,000	3,000	9,000	60,000
Bristol Bay	11,781	33,043	37,014	3,500	85,338
Bering Sea/Aleutians	197,218	122,741	94,830	145,034	559,822
Kenai	39,492	36,004	132,264	52,294	260,053
Kodiak	141,433	148,021	228,965	135,140	653,558
Prince William Sound	42,175	46,968	74,977	45,340	209,458
Southeast	69,021	74,874	120,074	101,667	367,634
Total	507,118	503,650	691,122	493,974	2,195,864

Table 2-39
Purchases of Sewer Services by the Shoreside Processing Industry during 1993 (in dollars and percent, by region and quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	0%	0%	0%	0%	0%
Bristol Bay	18%	45%	28%	8%	100%
Bering Sea/Aleutians	35%	22%	17%	26%	100%
Kenai	0%	60%	0%	40%	100%
Kodiak	24%	24%	24%	27%	100%
Prince William Sound	25%	26%	25%	25%	100%
Southeast	20%	21%	28%	31%	100%

In Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	-	-	-	-	-
Bristol Bay	6,701	16,813	10,500	3,000	37,014
Bering Sea/Aleutians	48,809	30,680	23,707	36,258	139,454
Kenai	-	1,680	-	1,120	2,800
Kodiak	13,935	13,935	13,935	15,120	56,925
Prince William Sound	28,218	29,086	27,556	27,598	112,458
Southeast	16,365	16,618	22,618	25,411	81,012
Total	114,029	108,811	98,316	108,508	429,664

Table 2-40
Purchases of Phone Services by the Shoreside Processing Industry during 1993 (in dollars and percent, by region and quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	24%	41%	16%	18%	100%
Bristol Bay	9%	25%	49%	16%	100%
Bering Sea/Aleutians	23%	19%	40%	18%	100%
Kenai	13%	32%	36%	20%	100%
Kodiak	21%	27%	36%	15%	100%
Prince William Sound	22%	39%	23%	16%	100%
Southeast	13%	23%	47%	17%	100%

In Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	63,976	108,687	42,289	48,489	263,440
Bristol Bay	83,463	230,175	449,455	145,242	908,335
Bering Sea/Aleutians	70,745	59,510	122,722	55,991	308,968
Kenai	20,966	51,784	58,959	32,312	164,021
Kodiak	36,585	47,731	63,873	26,855	175,044
Prince William Sound	18,703	33,730	20,015	13,491	85,940
Southeast	26,947	45,983	93,586	33,565	200,082
Total	321,384	577,601	850,900	355,944	2,105,829

Table 2-41
Purchases of Trash Removal Services by the Shoreside Processing Industry during 1993 (in dollars and percent, by region and quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	19%	45%	16%	19%	100%
Bristol Bay	9%	45%	45%	1%	100%
Bering Sea/Aleutians	29%	18%	35%	19%	100%
Kenai	4%	29%	63%	4%	100%
Kodiak	28%	19%	43%	11%	100%
Prince William Sound	17%	24%	36%	22%	100%
Southeast	12%	14%	47%	27%	100%

In Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	22,000	51,900	18,900	22,000	114,800
Bristol Bay	3,340	16,842	16,752	500	37,434
Bering Sea/Aleutians	55,516	34,655	67,221	35,853	193,244
Kenai	192	1,389	3,016	192	4,788
Kodiak	70,852	48,783	110,223	27,210	257,068
Prince William Sound	6,213	8,765	13,232	8,042	36,251
Southeast	9,189	10,782	35,317	20,405	75,694
Total	167,302	173,114	264,661	114,201	719,279

Table 2-42
Purchases of Other Services by the Shoreside Processing Industry during 1993 (in dollars and percent, by region and quarter)

By Percent:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	0%	0%	0%	0%	0%
Bristol Bay	9%	36%	36%	18%	100%
Bering Sea/Aleutians	0%	0%	0%	0%	0%
Kenai	1%	44%	17%	37%	100%
Kodiak	28%	25%	36%	12%	100%
Prince William Sound	25%	25%	25%	25%	100%
Southeast	0%	40%	35%	25%	100%

In Dollars:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Alaska Peninsula	-	-	-	-	-
Bristol Bay	27,210	109,638	109,428	54,210	300,486
Bering Sea/Aleutians	-	-	-	-	-
Kenai	1,757	69,999	27,680	59,015	158,452
Kodiak	355,839	316,105	455,722	154,905	1,282,570
Prince William Sound	42,500	42,500	42,500	42,500	170,000
Southeast	-	6,214	5,437	3,884	15,534
Total	427,306	544,456	640,767	314,513	1,927,042

Table 2-43
Summary of Shoreside Seafood Processing Impacts during 1993
(by region)

1st Quarter Total	Average Monthly Employment	Total Payroll	Annual Fringe Benefit Costs at 30%	Total Airfare Cost	Total Expenditures
Alaska Peninsula	1,186	4,708,180	1,412,454	348,078	6,468,712
Bristol Bay	36	171,015	51,305	339	222,659
Bering Sea/Aleutians	4,735	29,110,693	8,733,208	923,341	38,767,242
Kenai	599	3,013,351	904,005	4,823	3,922,179
Kodiak	1,361	9,558,597	2,867,579	421	12,426,597
Prince William Sound	151	990,038	297,011	14,221	1,301,270
Southeast	626	2,771,845	831,554	5,037	3,608,436
Balance of State	1,253	6,366,212	1,909,864	N/A	8,276,076
Total	9,947	56,689,931	17,006,979	1,296,261	74,993,171

2nd Quarter Total	Average Monthly Employment	Total Payroll	Annual Fringe Benefit Costs at 30%	Total Airfare Cost	Total Expenditures
Alaska Peninsula	1,157	4,734,770	1,420,431	632,733	6,787,934
Bristol Bay	302	2,563,463	769,039	194,306	3,526,808
Bering Sea/Aleutians	2,825	20,220,765	6,066,229	403,589	26,690,583
Kenai	1,364	6,324,553	1,897,366	42,295	8,264,214
Kodiak	1,798	8,663,643	2,599,093	261,352	11,524,088
Prince William Sound	598	2,786,181	835,854	97,787	3,719,822
Southeast	1,410	6,618,495	1,985,549	157,224	8,761,267
Balance of State	1,150	5,573,577	1,672,073	N/A	7,245,650
Total	10,604	57,485,447	17,245,634	1,789,285	76,520,366

Table 2-43 (continued)
Summary of Shoreside Seafood Processing Impacts during 1993
(by region)

3rd Quarter Total	Average Monthly Employment	Total Payroll	Annual Fringe Benefit Costs at 30%	Total Airfare Cost	Total Expenditures
Alaska Peninsula	1,155	12,173,040	3,651,912	173,061	15,998,013
Bristol Bay	752	7,614,463	2,284,339	138,723	10,037,525
Bering Sea/Aleutians	2,860	18,507,529	5,552,259	593,727	24,653,514
Kenai	2,316	11,966,868	3,590,060	56,195	15,613,123
Kodiak	2,431	17,962,263	5,388,679	175,702	23,526,644
Prince William Sound	964	4,967,624	1,490,287	73,267	6,531,178
Southeast	3,234	20,608,386	6,182,516	208,982	26,999,884
Balance of State	1,842	12,632,629	3,789,789	N/A	16,422,418
Total	15,555	106,432,802	31,929,841	1,419,656	139,782,299

4th Quarter Total	Average Monthly Employment	Total Payroll	Annual Fringe Benefit Costs at 30%	Total Airfare Cost	Total Expenditures
Alaska Peninsula	437	1,980,225	594,068	167,546	2,741,839
Bristol Bay	48	284,674	85,402	-	370,076
Bering Sea/Aleutians	2,197	18,918,285	5,675,486	306,675	24,900,446
Kenai	326	2,854,984	856,495	8,066	3,719,546
Kodiak	1,290	6,357,468	1,907,240	47,444	8,312,152
Prince William Sound	222	1,114,426	334,328	8,755	1,457,508
Southeast	940	5,710,500	1,713,150	42,908	7,466,558
Balance of State	759	3,338,252	1,001,476	N/A	4,339,728
Total	6,218	40,558,815	12,167,644	581,394	53,307,853

Table 2-44
Shoreside Seafood Processing Impacts during the First Quarter, 1993
(by region, by month)

January	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	873	1,242,621	372,786	1,615,407
Bristol Bay	46	73,520	22,056	95,577
Bering Sea/Aleutians	3,933	7,329,927	2,198,978	9,528,905
Kenai	394	660,323	198,097	858,420
Kodiak	735	1,720,688	516,206	2,236,894
Prince William Sound	88	191,902	57,570	249,472
Southeast	557	822,107	246,632	1,068,740
Balance of State	978	1,656,333	496,900	2,153,233
Total	7,604	13,697,421	4,109,226	17,806,648

February	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	1,237	1,214,032	364,210	1,578,241
Bristol Bay	28	39,249	11,775	51,024
Bering Sea/Aleutians	5,162	10,147,939	3,044,382	13,192,321
Kenai	465	632,600	189,780	822,380
Kodiak	1,600	3,028,466	908,540	3,937,006
Prince William Sound	140	177,927	53,378	231,305
Southeast	665	746,871	224,061	970,932
Balance of State	1,439	2,255,843	676,753	2,932,596
Total	10,736	18,242,927	5,472,878	23,715,806

March	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	1,449	2,251,528	675,458	2,926,986
Bristol Bay	33	19,942	5,983	25,924
Bering Sea/Aleutians	5,109	11,632,827	3,489,848	15,122,675
Kenai	939	993,866	298,160	1,292,026
Kodiak	1,748	3,555,741	1,066,722	4,622,463
Prince William Sound	226	196,616	58,985	255,600
Southeast	656	589,410	176,823	766,233
Balance of State	1,342	2,343,884	703,165	3,047,049
Total	11,502	21,583,813	6,475,144	28,058,957

Table 2-44 (continued)
Shoreside Seafood Processing Impacts during the Second Quarter, 1993
(by region, by month)

April	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	1,240	1,391,249	417,375	1,808,624
Bristol Bay	61	172,595	51,779	224,374
Bering Sea/Aleutians	3,639	8,225,578	2,467,674	10,693,252
Kenai	811	1,253,167	375,950	1,629,117
Kodiak	1,702	2,733,689	820,107	3,553,796
Prince William Sound	413	641,412	192,424	833,835
Southeast	1,147	1,794,660	538,398	2,333,059
Balance of State	1,280	2,067,878	620,363	2,688,241
Total	10,293	18,280,229	5,484,069	23,764,298

May	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	915	1,194,972	358,491	1,553,463
Bristol Bay	189	181,936	54,581	236,516
Bering Sea/Aleutians	2,694	6,695,490	2,008,647	8,704,137
Kenai	1,097	1,022,706	306,812	1,329,517
Kodiak	1,249	1,585,711	475,713	2,061,424
Prince William Sound	499	565,854	169,756	735,611
Southeast	1,282	1,345,530	403,659	1,749,189
Balance of State	1,023	1,203,413	361,024	1,564,436
Total	8,948	13,795,611	4,138,683	17,934,294

June	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	1,316	2,148,549	644,565	2,793,114
Bristol Bay	656	592,541	177,762	770,303
Bering Sea/Aleutians	2,141	5,299,696	1,589,909	6,889,605
Kenai	2,185	1,703,124	510,937	2,214,061
Kodiak	2,443	2,528,707	758,612	3,287,319
Prince William Sound	882	787,380	236,214	1,023,593
Southeast	1,801	1,398,886	419,666	1,818,552
Balance of State	1,147	1,176,462	352,939	1,529,400
Total	12,571	15,635,345	4,690,604	20,325,949

Table 2-44 (continued)
Shoreside Seafood Processing Impacts during the Third Quarter, 1993
(by region, by month)

July	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	1,618	4,675,514	1,402,654	6,078,168
Bristol Bay	1,818	6,136,123	1,840,837	7,976,960
Bering Sea/Aleutians	2,419	4,723,849	1,417,155	6,141,004
Kenai	3,502	6,032,528	1,809,758	7,842,286
Kodiak	3,132	7,712,888	2,313,867	10,026,755
Prince William Sound	1,076	1,848,898	554,669	2,403,567
Southeast	3,223	6,845,391	2,053,617	8,899,008
Balance of State	2,568	5,869,476	1,760,843	7,630,318
Total	19,356	43,844,666	13,153,400	56,998,066

August	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	1,198	4,436,555	1,330,966	5,767,521
Bristol Bay	364	5,644,938	1,693,481	7,338,419
Bering Sea/Aleutians	2,812	6,025,130	1,807,539	7,832,669
Kenai	2,427	7,250,022	2,175,007	9,425,029
Kodiak	2,795	8,430,651	2,529,195	10,959,846
Prince William Sound	1,163	2,703,485	811,045	3,514,530
Southeast	3,497	8,902,721	2,670,816	11,573,537
Balance of State	1,719	5,789,253	1,736,776	7,526,029
Total	15,975	49,182,755	14,754,826	63,937,581

September	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	650	3,060,972	918,291	3,979,263
Bristol Bay	74	3,456,873	1,037,062	4,493,935
Bering Sea/Aleutians	3,549	7,758,550	2,327,565	10,086,114
Kenai	1,018	6,809,543	2,042,863	8,852,405
Kodiak	1,367	5,773,434	1,732,030	7,505,464
Prince William Sound	652	2,936,438	880,931	3,817,369
Southeast	2,983	11,812,993	3,543,898	15,356,891
Balance of State	1,240	5,786,649	1,735,995	7,522,644
Total	11,533	47,395,450	14,218,635	61,614,085

Table 2-44 (continued)
Statewide Seafood Processing Impacts during the Fourth Quarter, 1992
(by region, by month)

October	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	546	$1,300,563	$391,969	$1,692,532
Bristol Bay	93	$96,776	$29,033	$125,809
Bering Sea/Aleutians	2,662	$5,555,846	$1,666,754	$7,222,600
Kenai	561	$1,637,679	$491,302	$2,128,977
Kodiak	1,765	$3,966,702	$983,010	$4,949,712
Prince William Sound	522	$230,617	$69,185	$299,802
Southeast	1,615	$3,276,578	$983,013	$4,259,590
Balance of State	702	$1,393,339	$348,339	$1,809,678
Total	8,139	$16,455,682	$4,948,705	$21,404,387

November	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	428	$900,219	$196,866	$1,096,176
Bristol Bay	36	$8,249	$2,475	$10,724
Bering Sea/Aleutians	2,221	$4,604,333	$1,381,300	$5,985,644
Kenai	310	$60,670	$18,701	$80,371
Kodiak	1,283	$3,013,338	$774,181	$3,788,139
Prince William Sound	139	$0,199	$7,559	$37,758
Southeast	606	$1,871,837	$561,551	$2,433,387
Balance of State	670	$96,748	$0,024	$0,772
Total	5,336	$11,096,256	$3,328,277	$14,393,133

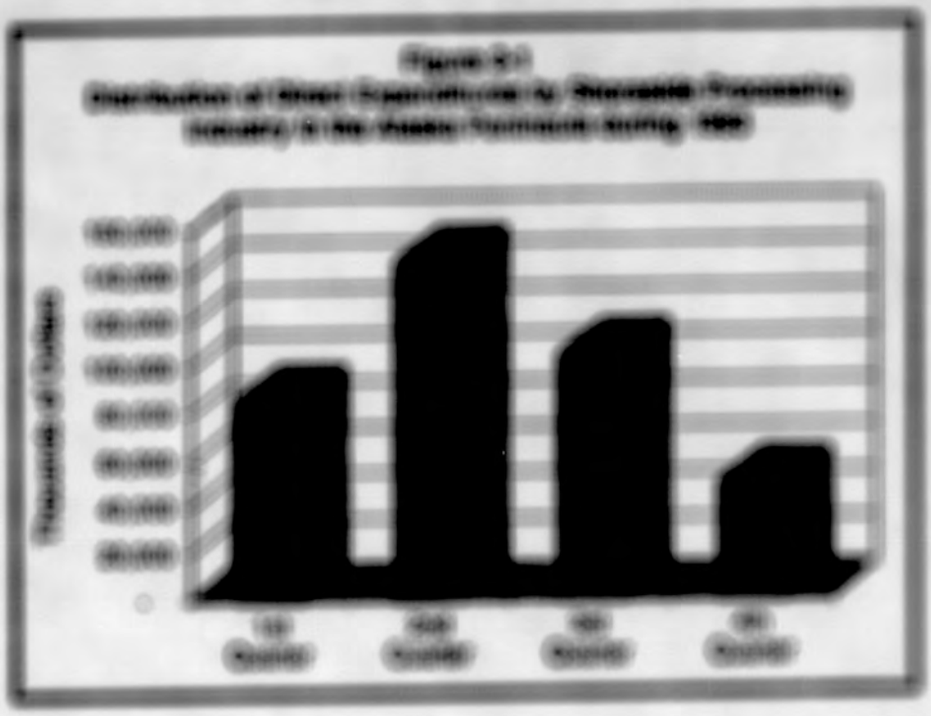
December	Monthly Employment	Monthly Payroll	Fringe Benefits, Etc., @ 30%	Monthly Total
Alaska Peninsula	336	$31,146	$0,344	$37,490
Bristol Bay	20	$2,979	$,894	$2,873
Bering Sea/Aleutians	1,027	$1,780,338	$,334,098	$2,114,437
Kenai	307	$52,668	$16,701	$,115,369
Kodiak	982	$,467,744	$,140,323	$,608,067
Prince William Sound	114	$42,781	$,834	$11,615
Southeast	599	$,710,330	$,713,174	$,423,504
Balance of State	810	$97,277	$1,333	$98,709
Total	4,193	$7,948,324	$,384,207	$,812,981

Chapter 3

Review of Impacts in the Alaska Peninsula

3.1 Introduction

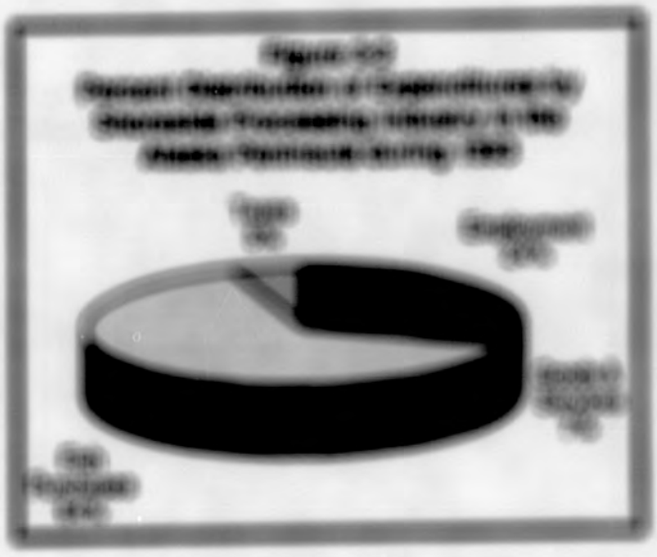
Tables 3.1 through 3.3 display the annual and quarterly economic impact of the domestic seafood processing industry on the Alaska Peninsula during 1993. The total impact was $256 million, of which $127 million were direct expenditures. Of this amount, $103 million was spent on purchases of fish and shellfish, $16 million was spent on labor, $10.3 million was spent on purchases of goods and services, and $6 million was spent on ice utilized here. Figure 3.1 shows the direct expenditures by quarter, while Figure 3.2 shows the direct expenditures from each category as a percent of the total.



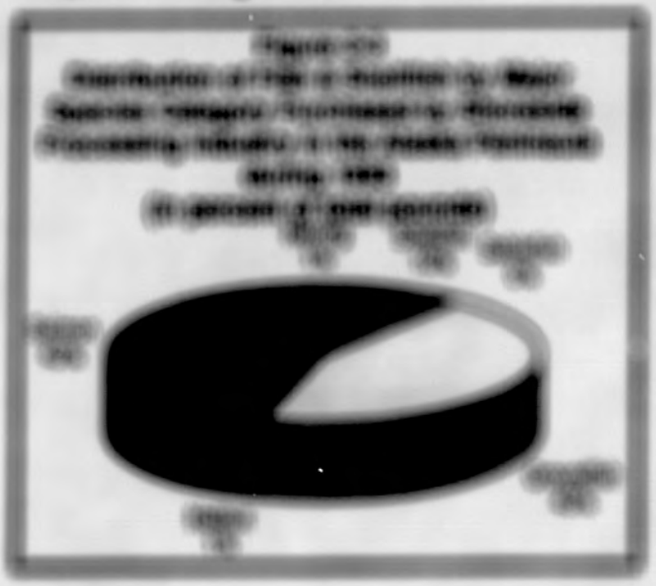
On an annual basis, domestic seafood processing companies spent $1.00 for every pound of fish and shellfish processed during 1993.

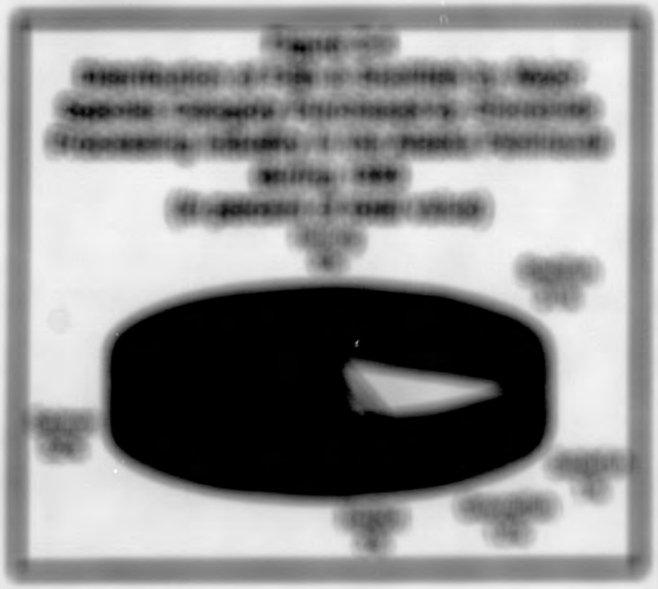
3.2 Purchases of Fish and Shellfish

Table 3.4 shows the poundage of fish and shellfish purchased by quarter in the Alaska Peninsula during 1993. Harvest expenditures by the domestic processing industry by species and coastal during 1993, as the "Fish Harvesters" column of Tables 3.1 through 3.3 be located by inspection. Figures 3.3 and 3.4 display the percentage distribution of fish and shellfish purchased by the domestic processor during 1993 by major species group in pounds purchased and value of purchases.

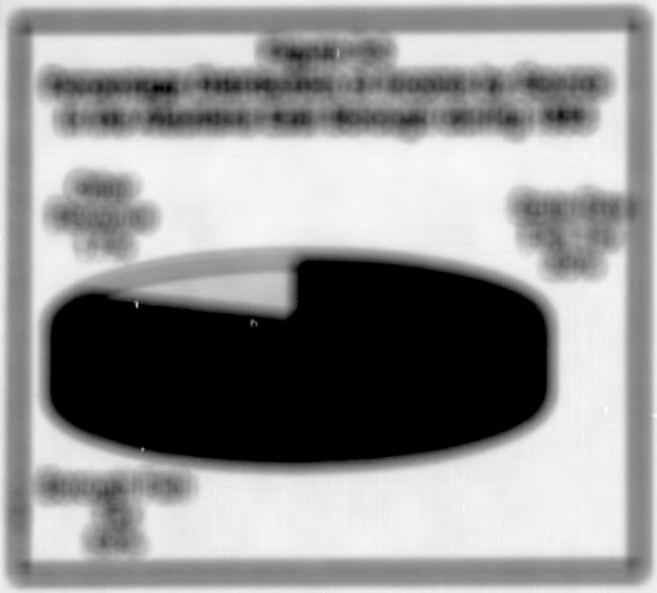


During 1993, 339 million pounds of fish and shellfish were purchased in the region. The dominant species consisted of pollock (65 million pounds), flatfish (65 million pounds), salmon (51 million pounds), cod (shown (29 million pounds), and other finfish (17 million pounds). Shellfish species (5 million pounds) were processed in the Alaska Peninsula (46 million pounds) in the last quarter of 1993.





2.5 Employment



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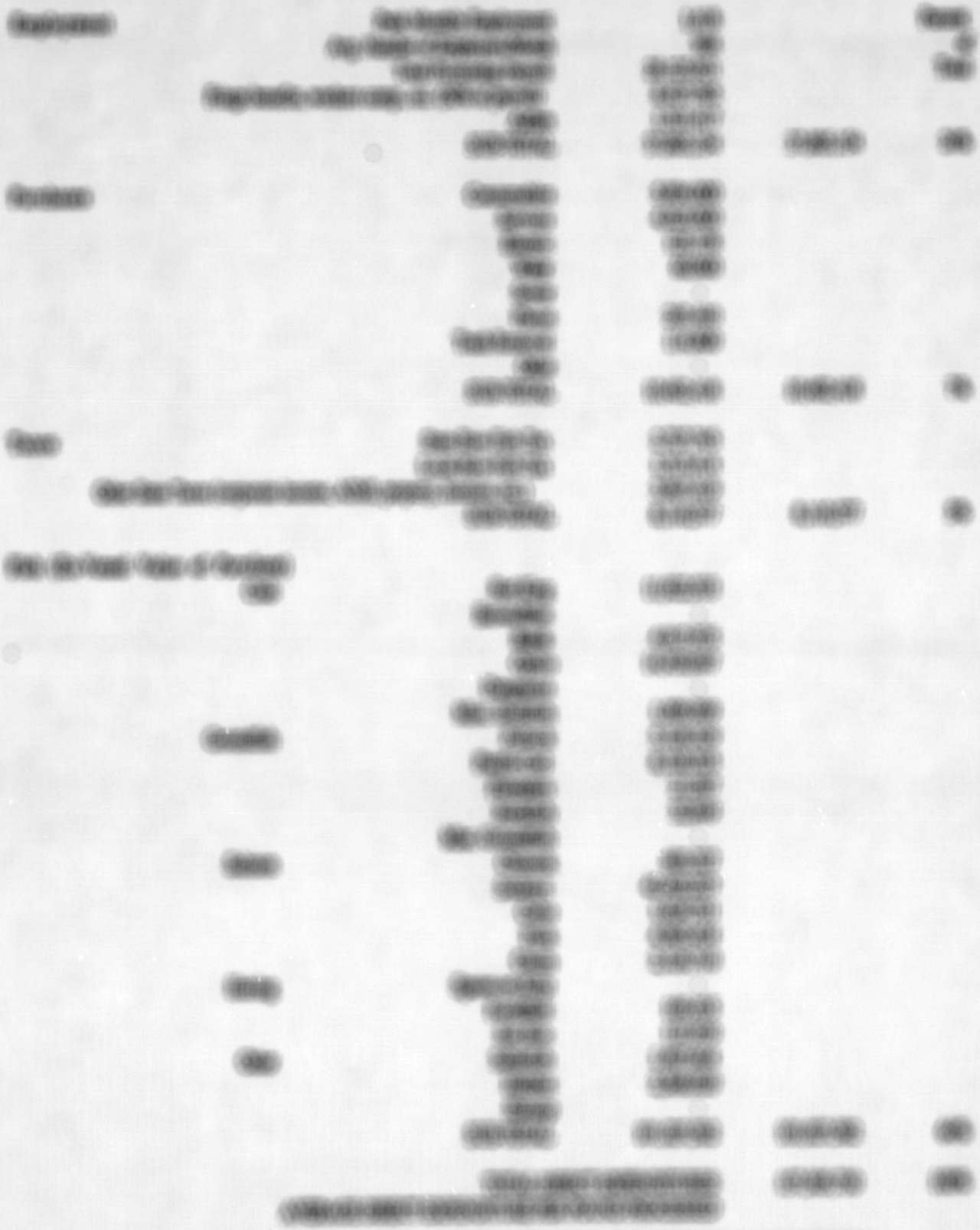

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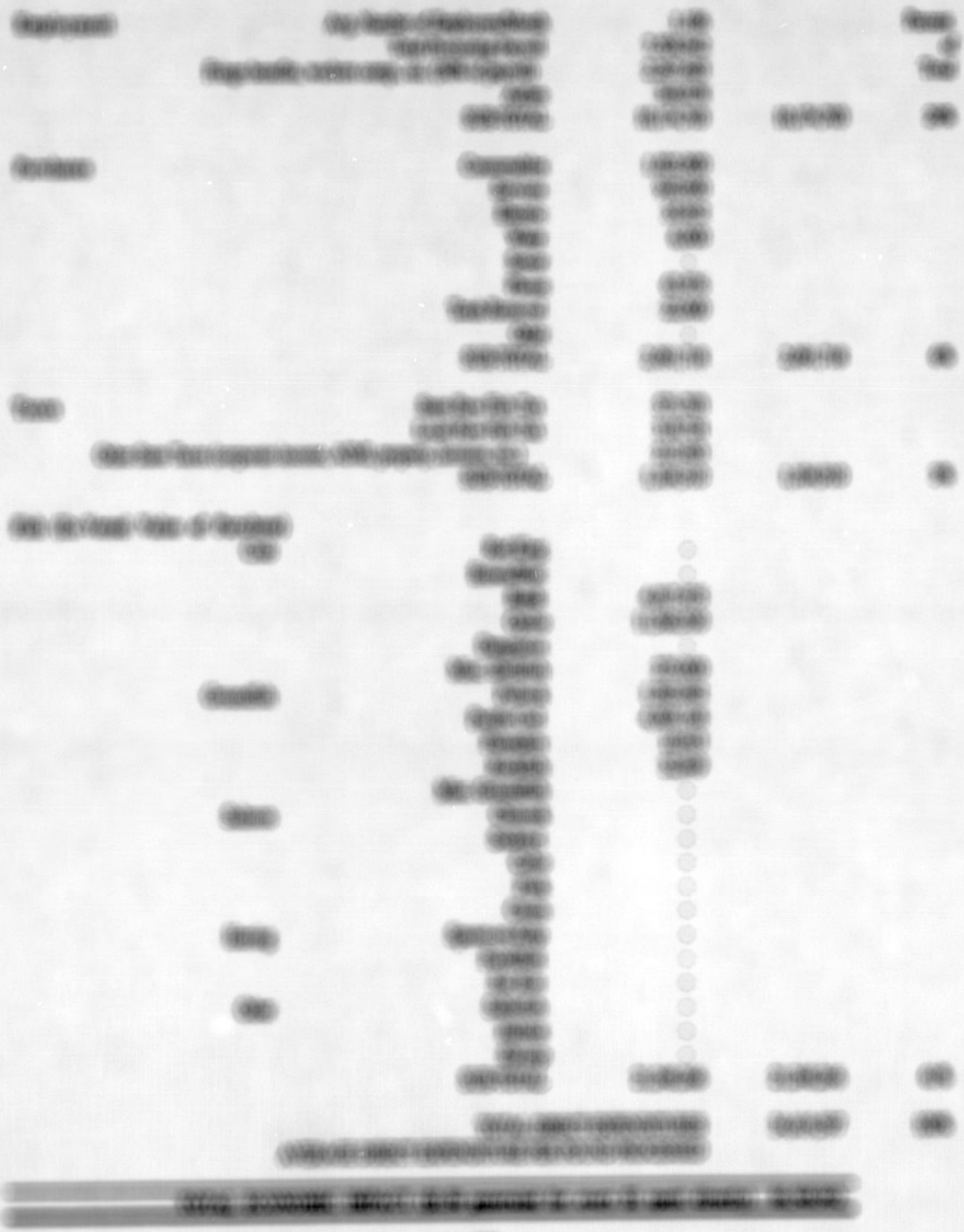


Table 3-2
Economic Impact of the Shoreside Processing Industry
on the Alaska Peninsula during the Second Quarter, 1993

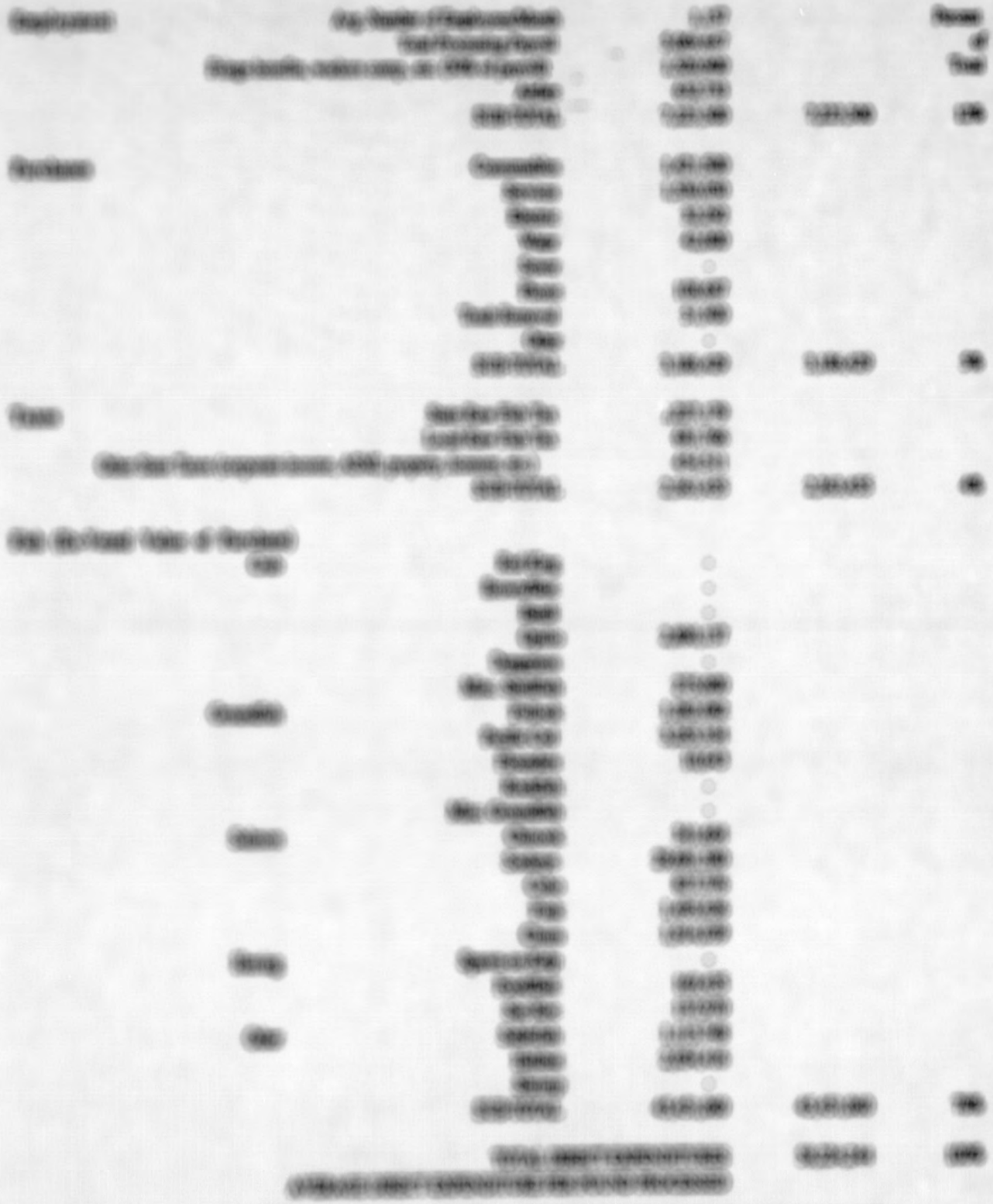


Table 3-4
Economic Impact of the Shoreside Processing Industry on the Alaska Peninsula during the Third Quarter, 1993

Employment		Avg. Number of Employees/Month	1,155		Percent
		Total Processing Payroll	13,517,116		of
		Fringe benefits, workers comp., etc. (30% of payroll)	4,055,135		Total
		Airfare	173,061		
		SUB-TOTAL	17,745,312	17,745,312	42%
Purchases		Consumables	1,760,600		
		Services	936,380		
		Electric	28,517		
		Water	3,000		
		Sewer	-		
		Phone	42,289		
		Trash Removal	18,900		
		Other	-		
		SUB-TOTAL	2,789,686	2,789,686	7%
Taxes		State Raw Fish Tax	551,927		
		Local Raw Fish Tax	306,626		
	Other State Taxes (corporate income, ASMI, property, licenses, etc.)		204,417		
		SUB-TOTAL	1,062,970	1,062,970	3%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	-		
		Brown/Blue	-		
		Bairdi	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	275,000		
	Groundfish	Pollock	1,282,082		
		Pacific Cod	406,917		
		Flounders	-		
		Rockfish	-		
		Misc. Groundfish	-		
	Salmon	Chinook	341,664		
		Sockeye	12,720,677		
		Coho	827,376		
		Pink	3,489,818		
		Chum	212,671		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Sablefish	371,916		
		Halibut	513,604		
		Shrimp	-		
		SUB-TOTAL	20,441,724	20,441,724	49%
			TOTAL DIRECT EXPENDITURES	42,039,691	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			
		TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)		105,099,227	

Table 3-5
Economic Impact of the Shoreside Processing Industry on the Alaska Peninsula during the Fourth Quarter, 1993

					Percent of Total
Employment		Avg. Number of Employees/Month	437		
		Total Processing Payroll	1,980,225		
		Fringe benefits, workers comp., etc. (30% of payroll)	594,068		
		Airfare	167,546		
		SUB-TOTAL	2,741,839	2,741,839	14%
Purchases		Consumables	1,689,000		
		Services	617,580		
		Electric	28,517		
		Water	9,000		
		Sewer	-		
		Phone	48,489		
		Trash Removal	22,000		
		Other	-		
		SUB-TOTAL	2,414,586	2,414,586	12%
Taxes		State Raw Fish Tax	374,936		
		Local Raw Fish Tax	208,298		
	Other State Taxes (corporate income, ASMI, property, licenses, etc.)		138,865		
		SUB-TOTAL	722,100	722,100	4%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	11,922,533		
		Brown/Blue	-		
		Baird	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	275,000		
	Groundfish	Pollock	1,282,082		
		Pacific Cod	406,917		
		Flounders	-		
		Rockfish	-		
		Misc. Groundfish	-		
	Salmon	Chinook	-		
		Sockeye	-		
		Coho	-		
		Pink	-		
		Chum	-		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Sablefish	-		
		Halibut	-		
		Shrimp	-		
		SUB-TOTAL	13,886,532	13,886,532	73%
		TOTAL DIRECT EXPENDITURES		19,765,056	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			
		TOTAL ECONOMIC IMPACT ($1.38 generated for every $1 spent directly)		$27,317,643	

Table 3-6
1993 Purchases of Fish and Shellfish in the Alaska Peninsula by the Shoreside Processing Industry (by quarter, in pounds)

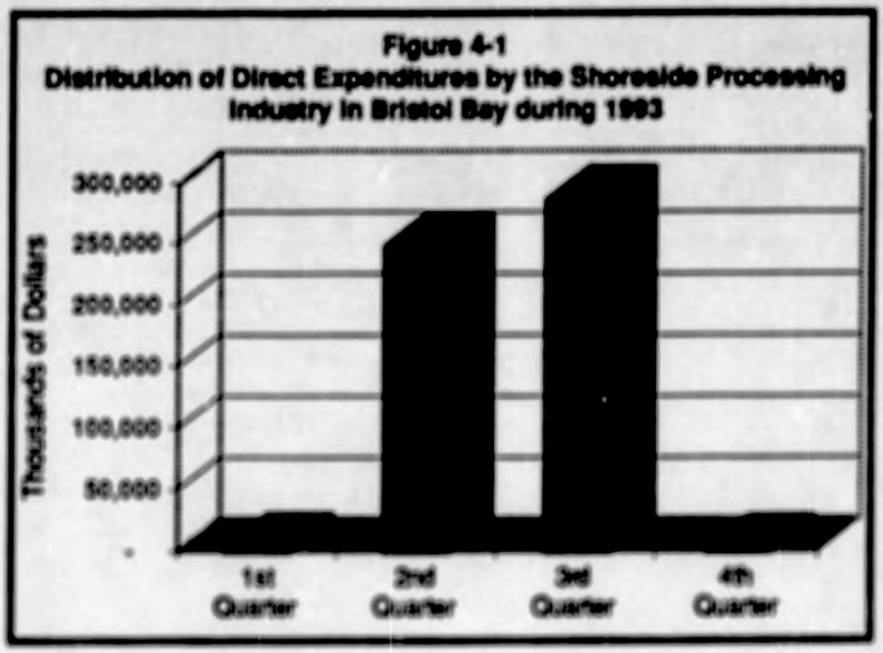
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Red King	-	-	-	3,043,792	3,043,792
Brown/Blue	-	-	-	-	-
Bairdi	2,022,131	-	-	-	2,022,131
Opilio	15,311,986	3,827,997	-	-	19,139,983
Dungeness	-	-	-	-	-
Misc. Shellfish	101,927	101,927	101,927	101,927	407,709
Pollock	15,083,322	15,083,322	15,083,322	15,083,322	60,333,288
Pacific Cod	22,606,486	18,085,189	2,260,649	2,260,649	45,212,973
Flounders	70,955	70,955	-	-	141,910
Rockfish	26,279	-	-	-	26,279
Misc. Groundfish	-	-	-	-	-
Chinook	-	444,296	444,296	-	888,592
Sockeye	-	37,055,655	15,880,995	-	52,936,650
Coho	-	1,631,905	1,631,905	-	3,263,809
Pink	-	11,594,078	27,052,850	-	38,646,928
Chum	-	7,333,484	814,832	-	8,148,316
Spawn-on-Kelp	-	-	-	-	-
Food/Bait	-	1,129,564	-	-	1,129,564
Sac Roe	-	1,265,780	-	-	1,265,780
Sablefish	-	446,299	148,766	-	595,066
Halibut	-	1,768,000	442,000	-	2,210,000
Shrimp	-	-	-	-	-
Total	55,223,087	99,838,452	63,861,541	20,489,690	239,412,770
	23%	42%	27%	9%	100%

Chapter 4

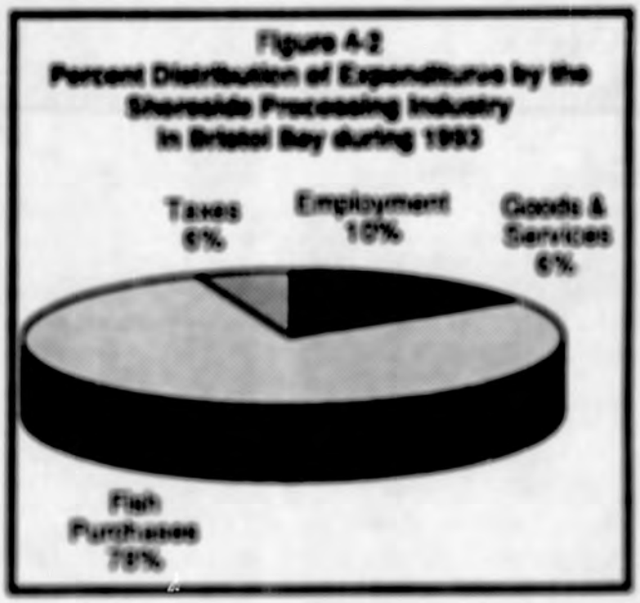
Review of Impacts in Bristol Bay

4.1 Introduction

Tables 4-1 through 4-5 display the annual and quarterly economic impact of the shoreside seafood processing industry in Bristol Bay during 1993. The total impact was $549 million, of which $220 million were direct expenditures. Of this amount, $173 million was spent on purchases of fish and shellfish, $22 million was spent on labor, $13 million was spent on purchases of goods and services, and $12 million was spent on tax related items. Figure 4-1 shows the direct expenditures by quarter, while Figure 4-2 shows the direct expenditures from each category as a percent of the total.



On an annual basis, shoreside seafood processing companies spent $0.60 for every pound of fish and shellfish processed during 1993.



4.2 Purchases of Fish and Shellfish

Table 4-6 shows the poundage of fish and shellfish purchased by quarter in the Bristol Bay during 1993; for ex-vessel expenditures by the shoreside processing industry by species and quarter during 1993, see the "Fish Purchases" categories of Tables 3-1 through 3-5 for detailed information. Figures 4-3 and 4-4 display the percentage distribution of fish and shellfish purchased by the shoreside processing industry during 1993 by major species group in pounds purchased and value respectively.

During 1993, 287 million pounds of fish and shellfish were purchased in the region. The dominant species consisted of sockeye salmon (244 million pounds),* followed by herring (36 million pounds) and chum salmon (3 million pounds. Harvests of other species were inconsequential.

Sockeye salmon generated $163 million in ex-vessel payments, or 93% of the total ex-vessel payments during the year.

Figure 4-3
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Bristol Bay during 1993 (In percent of total pounds)

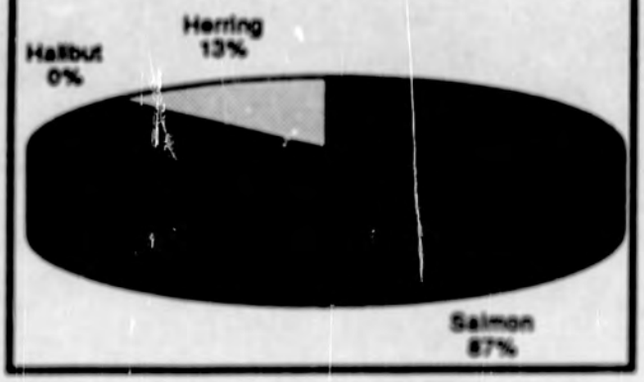
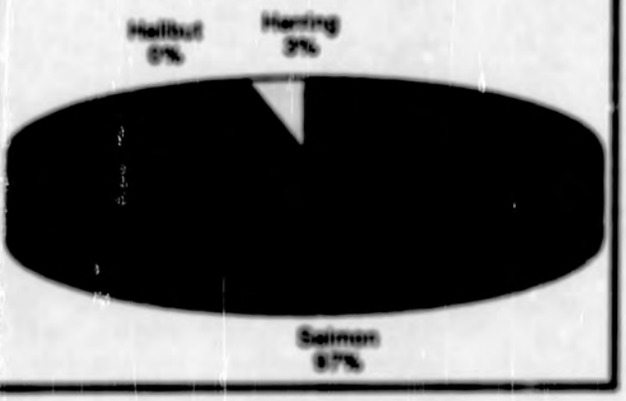


Figure 4-4
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Bristol Bay during 1993 (In percent of total value)



4.3 Employment

The average number of individuals employed on a monthly basis during 1993 was 284. This figure is not representative of actual employment opportunity since there is little or no fishery employment available during the late fall and winter months. Total wages and benefits paid to employees during the year were $21.5 million.

4.4 Purchases of Goods and Services

A total of $13.2 million in goods and services were purchased by the shoreside seafood processing companies in Bristol Bay during 1993. On a quarterly basis, the expenditures consisted of $1.75 million for the first quarter, $4.5 million for the second quarter, $5.9 million for the third quarter, and $1 million for the fourth quarter.

By category, the expenditures consisted of $5.5 million for consumables, $5.4 million for services, $893,000 for electricity, $85,000 for water, $37,000 for sewer, and $1.25 million for other purchases.

4.5 Taxes

State and local fish taxes of approximately $11.8 million were paid during 1993. Of this amount, $4.9 million was paid directly to local municipalities through local taxes or from the state through raw fish tax revenue sharing.

Table 4-1
Economic Impact of the Shoreside Processing Industry on the Bristol Bay during 1993

Employment		Peak Monthly Employment	1,818		Percent
		Avg. Number of Employees/Month	284		of
		Total Processing Payroll	16,443,721		Total
		Fringe benefits, workers comp., etc. (30% of payroll)	4,933,116		
		Airfare	333,369		
		SUB-TOTAL	21,710,207	21,710,207	10%
Purchases		Consumables	5,525,990		
		Services	5,397 [illegible]72		
		Electric	892,792		
		Water	65,338		
		Sewer	37,014		
		Phone	908,335		
		Trash Removal	37,434		
		Other	300,486		
		SUB-TOTAL	13,179,611	13,179,611	6%
Taxes		State Raw Fish Tax	4,666,643		
		Local Raw Fish Tax	2,592,580		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	4,585,529		
		SUB-TOTAL	11,844,752	11,844,752	5%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	-		
		Brown/Blue	-		
		Baird	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	-		
	Groundfish	Pollock	-		
		Pacific Cod	-		
		Flounders	-		
		Rockfish	-		
		Misc. Groundfish	-		
	Salmon	Chinook	[illegible]		
		Sockeye	[illegible]		
		Coho	[illegible]		
		Pink	[illegible]		
		Chum	[illegible]		
	Herring	Spawn-on-Kelp	[illegible]		
		Food/Bait	[illegible]		
		Sac Roe	[illegible]		
	Other	Sablefish	-		
		Halibut	[illegible]		
		Shrimp	-		
		SUB-TOTAL	[illegible]	[illegible]	[illegible]
		TOTAL DIRECT EXPENDITURES		[illegible]	[illegible]
		AVERAGE DIRECT EXPENDITURE PER PERSON EMPLOYED			
		TOTAL ECONOMIC IMPACT (1.38 generated for every $1 spent directly)			

Table 4-2
Economic Impact of the Shoreside Processing Industry on the Bristol Bay during the First Quarter, 1993

Employment		Avg. Number of Employees/Month	36		Percent
		Total Processing Payroll	132,711		of
		Fringe benefits, workers comp., etc. (30% of payroll)	39,813		Total
		Airfare	339		
		SUB-TOTAL	172,864	172,864	9%
Purchases		Consumables	384,460		
		Services	1,118,254		
		Electric	112,958		
		Water	11,781		
		Sewer	6,701		
		Phone	83,463		
		Trash Removal	3,340		
		Other	27,210		
		SUB-TOTAL	1,748,168	1,748,168	91%
Taxes		State Raw Fish Tax	-		
		Local Raw Fish Tax	-		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	-		
		SUB-TOTAL	-	-	0%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	-		
		Brown/Blue	-		
		Baird	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	-		
	Groundfish	Pollock	-		
		Pacific Cod	-		
		Flounders	-		
		Rockfish			
		Misc. Groundfish	-		
	Salmon	Chinook	-		
		Sockeye	-		
		Coho	-		
		Pink	-		
		Chum	-		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Sablefish	-		
		Halibut	-		
		Shrimp	-		
		SUB-TOTAL	-	-	0%
		TOTAL DIRECT EXPENDITURES		1,921,032	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			

TOTAL ECONOMIC IMPACT ($1.00 generated for every $1 spent directly) 3,842,064

Table 4-3
Economic Impact of the Shoreside Processing Industry on the Bristol Bay during the Second Quarter, 1993

Employment		Avg. Number of Employees/Month	302		Percent
		Total Processing Payroll	947,072		of
		Fringe benefits, workers comp., etc. (30% of payroll)	284,122		Total
		Airfare	194,306		
		SUB-TOTAL	1,425,500	1,425,500	1%
Purchases		Consumables	2,316,348		
		Services	1,489,879		
		Electric	310,954		
		Water	33,043		
		Sewer	16,813		
		Phone	230,175		
		Trash Removal	16,842		
		Other	109,638		
		SUB-TOTAL	4,523,691	4,523,691	5%
Taxes		State Raw Fish Tax	2,398,675		
		Local Raw Fish Tax	1,332,597		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	888,398		
		SUB-TOTAL	4,619,670	4,619,670	5%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	-		
		Brown/Blue	-		
		Bairdi	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	-		
	Groundfish	Pollock	-		
		Pacific Cod	-		
		Flounders	-		
		Rockfish			
		Misc. Groundfish	-		
	Salmon	Chinook	566,112		
		Sockeye	82,306,675		
		Coho	26,256		
		Pink	18		
		Chum	357,639		
	Herring	Spawn on Kelp	267,301		
		Food/Bait	2,519		
		Sac Roe	5,290,804		
	Other	Salmonfish	-		
		Halibut	24,675		
		Shrimp	-		
		SUB-TOTAL	88,830,700	88,830,700	89%
		TOTAL DIRECT EXPENDITURES		99,408,650	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			

TOTAL ECONOMIC IMPACT ($1.20 generated for every $1 spent directly) 240,000,000

Table 4-4
Economic Impact of the Shoreside Processing Industry on the Bristol Bay during the Third Quarter, 1993

Employment		Avg. Number of Employees/Month	752		Percent
		Total Processing Payroll	15,237,934		of
		Fringe benefits, workers comp., etc. (30% of payroll)	4,571,380		Total
		Airfare	138,723		
		SUB-TOTAL	19,948,037	19,948,037	17%
Purchases		Consumables	2,348,640		
		Services	2,719,787		
		Electric	178,834		
		Water	37,014		
		Sewer	10,500		
		Phone	449,455		
		Trash Removal	16,752		
		Other	109,428		
		SUB-TOTAL	5,870,411	5,870,411	5%
Taxes		State Raw Fish Tax	2,267,969		
		Local Raw Fish Tax	1,259,983		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	839,988		
		SUB-TOTAL	4,367,940	4,367,940	4%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	-		
		Brown/Blue	-		
		Baird	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	-		
	Groundfish	Pollock	-		
		Pacific Cod	-		
		Flounders	-		
		Rockfish			
		Misc. Groundfish	-		
	Salmon	Chinook	566,112		
		Sockeye	82,304,675		
		Coho	236,300		
		Pink	161		
		Chum	834,491		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Sablefish	-		
		Halibut	57,108		
		Shrimp	-		
		SUB-TOTAL	83,998,846	83,998,846	74%
			TOTAL DIRECT EXPENDITURES	114,185,234	100%
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED		
			TOTAL ECONOMIC IMPACT ($1.00 generated for every $1 spent directly)	205,653,383	

Table 4-5
Economic Impact of the Shoreside Processing Industry on the Bristol Bay during the Fourth Quarter, 1993

Employment		Avg. Number of Employees/Month	48		Percent
		Total Processing Payroll	126,004		of
		Fringe benefits, workers comp., etc. (30% of payroll)	37,801		Total
		Airfare	-		
		SUB-TOTAL	163,805	163,805	14%
Purchases		Consumables	476,542		
		Services	64,303		
		Electric	290,046		
		Water	3,500		
		Sewer	3,000		
		Phone	145,242		
		Trash Removal	500		
		Other	54,210		
		SUB-TOTAL	1,037,342	1,037,342	86%
Taxes		State Raw Fish Tax	-		
		Local Raw Fish Tax	-		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	-		
		SUB-TOTAL	-	-	0%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	-		
		Brown/Blue	-		
		Bairdi	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	-		
	Groundfish	Pollock	-		
		Pacific Cod	-		
		Flounders	-		
		Rockfish			
		Misc. Groundfish	-		
	Salmon	Chinook	-		
		Sockeye	-		
		Coho	-		
		Pink	-		
		Chum	-		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Sablefish	-		
		Halibut	-		
		Shrimp	-		
		SUB-TOTAL	-	-	0%
			TOTAL DIRECT EXPENDITURES	1,201,147	100%
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED		
			TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)	1,802,867	

Table 4-6
1993 Purchases of Fish and Shellfish in Bristol Bay by the Shoreside Processing Industry (by quarter, in pounds)

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Red King	-	-	-	-	-
Brown/Blue	-	-	-	-	-
Bairdi	-	-	-	-	-
Opilio	-	-	-	-	-
Dungeness	-	-	-	-	-
Misc. Shellfish	-	-	-	-	-
Pollock	-	-	-	-	-
Pacific Cod	-	-	-	-	-
Flounders	-	-	-	-	-
Rockfish	-	-	-	-	-
Misc. Groundfish	-	-	-	-	-
Chinook	-	743,906	743,906	-	1,487,811
Sockeye	-	121,752,478	121,752,478	-	243,504,956
Coho	-	50,202	451,816	-	502,018
Pink	-	139	1,255	-	1,394
Chum	-	1,618,275	3,775,976	-	5,394,251
Spawn-on-Kelp	-	382,953	-	-	382,953
Food/Bait	-	100,754	-	-	100,754
Sac Roe	-	35,748,677	-	-	35,748,677
Sablefish	-	-	-	-	-
Halibut	-	18,238	42,554	-	60,792
Shrimp	-	-	-	-	-
Total	-	160,415,622	126,767,984	-	287,183,606
	0%	56%	44%	0%	100%

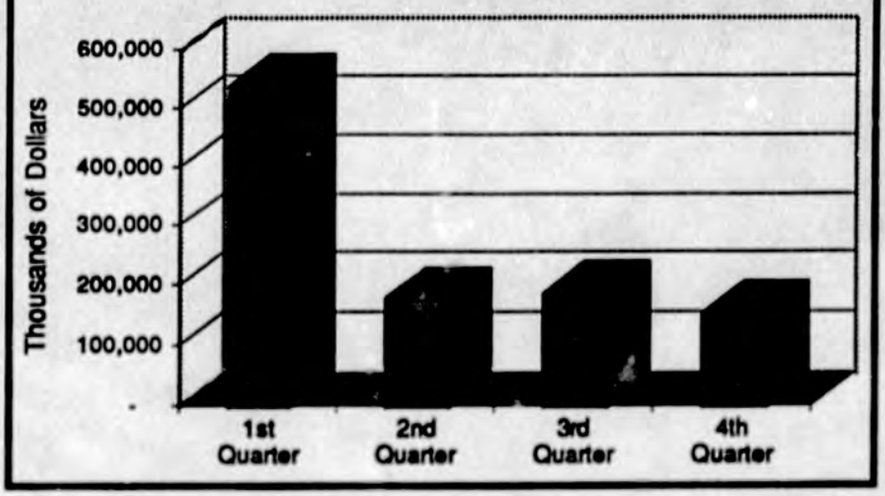
Chapter 5

Review of Impacts in Bering Sea/Aleutian Region

5.1 Introduction

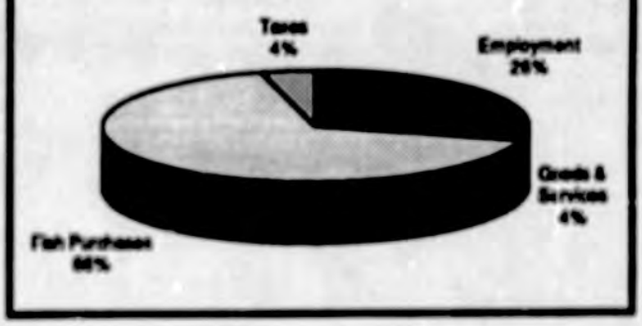
Tables 5-1 through 5-5 display the annual and quarterly economic impact of the shoreside seafood processing industry in the Aleutians/ Bering Sea region during 1993. This region consists of Unalaska/Dutch Harbor, Akutan, the Aleutians West area, and the Pribilof Islands. The total impact was $1.1 billion, of which $493 million were direct expenditures. Of this amount, $282 million was spent on purchases of fish and shellfish, $109 million for labor, $15.7 million on purchases of goods and services, and $17.5 million was spent on tax related items. Figure 5-1 shows the direct expenditures by quarter, while Figure 5-2 shows the direct expenditures from each category as a percent of the total.

Figure 5-1
Distribution of Direct Expenditures by the Shoreside Processing Industry in Bering Sea/Aleutian Region during 1993



On an annual basis, shoreside seafood processing companies spent $0.33 for every pound of fish and shellfish processed during 1993.

Figure 5-2
Percent Distribution of Expenditures by the Shoreside Processing Industry in Bering Sea/Aleutian Region during 1993



5.2 Purchases of Fish and Shellfish

Table 5-6 shows the poundage of fish and shellfish purchased by quarter in the Aleutian region during 1993; for ex-vessel expenditures by the shoreside processing industry by species and quarter during 1993, see the "Fish Purchases" categories of Tables 5-1 through 5-5 for detailed information. Figures 5-3 and 5-4 display the percentage distribution of fish and shellfish purchased by the shoreside processors by major species group in pounds purchased and value respectively.

During 1993, 1.3 billion pounds of fish and shellfish were purchased in the region. The dominant species consisted of pollock (1 billion pounds), opilio Tanner crab (128 million pounds), Pacific cod (74 million pounds), and bairdi Tanner crab (28 million pounds). On a quarterly basis, 44% (563 million pounds) were processed in the first quarter, 6% (77 million pounds) were processed in the second quarter, 49% (624 million pounds) were

Figure 5-3
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Bering Sea/Aleutian Region during 1993
(in percent of total pounds)

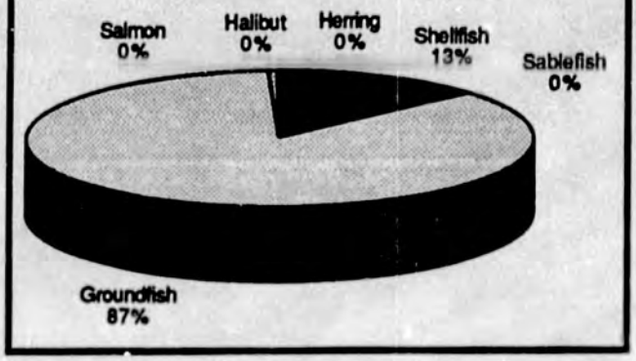
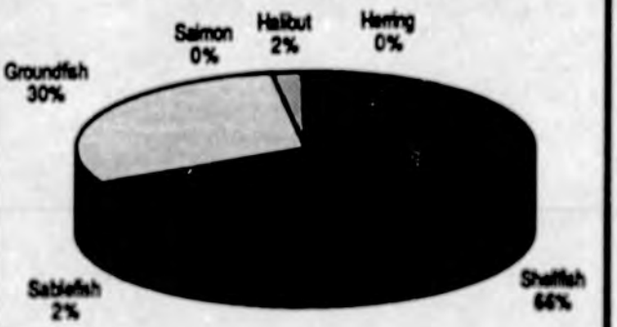


Figure 5-4
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Bering Sea/Aleutian Region during 1993
(in percent of total value)



processed in the third quarter, and 1% (18 million pounds) were processed in the fourth quarter.

In terms of ex-vessel values, opilio Tanner crab generated the greatest overall revenue ($596.6 million), followed by pollock ($72 million), bairdi Tanner crab ($49.7 million), red king crab ($19.5 million), and Pacific cod ($13.5 million).

5.3 Employment

The average number of individuals employed on a monthly basis during 1993 was 3,154. Employment was fairly stable through the year, although the fourth quarter was slower than the remainder of the year. Peak employment occurred in February and March, when approximately 5,150 jobs were filled. Total wages and benefits paid to employees during the year were $106 million.

5.4 Purchases of Goods and Services

A total of $15.7 million in goods and services were purchased by the shoreside seafood processing companies in the Unalaska/Akutan/Aleutians West region during 1993. On a quarterly basis, the expenditures consisted of $3.2 million for the first quarter, $4.9 million for the second quarter, $2.6 million for the third quarter, and $5.1 million for the fourth quarter.

By category, the expenditures consisted of $11 million for consumables, $3.5 million for services, $35,000 for electricity, $560,000 for water, $140,000 for sewer, and $500,000 for other purchases.

5.5 Taxes

During 1993, the shoreside processing companies paid $17.5 million in state and local fish taxes. Of this amount, $8 million was paid directly to local governments through local taxes or from the state through raw fish tax revenue sharing.

Table 5-1
Economic Impact of the Shoreside Processing Industry on the Bering Sea/Aleutian Region during 1993

Employment		Peak Monthly Employment	5,162	
		Avg. Number of Employees/Month	3,154	
		Total Processing Payroll	81,823,464	
		Fringe benefits, workers comp., etc. (30% of payroll)	24,547,039	
		Airfare	2,227,331	
		SUB-TOTAL	108,597,834	108,597,834
Purchases		Consumables	10,983,996	
		Services	3,493,462	
		Electric	35,000	
		Water	559,822	
		Sewer	139,454	
		Phone	308,968	
		Trash Removal	193,244	
		Other	-	
		SUB-TOTAL	15,713,946	15,713,946
Taxes		State Raw Fish Tax	7,616,831	
		Local Raw Fish Tax	4,231,573	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	5,678,192	
		SUB-TOTAL	17,526,596	17,526,596
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	19,454,764	
		Brown/Blue	12,125,352	
		Baird	49,622,601	
		Opilio	96,623,306	
		Dungeness	-	
		Misc. Shellfish	5,095,070	
	Groundfish	Pollock	71,839,052	
		Pacific Cod	13,452,244	
		Flounders	256,417	
		Rockfish	265,737	
		Misc. Groundfish	14,246	
	Salmon	Chinook	-	
		Sockeye	-	
		Coho	-	
		Pink	-	
		Chum	-	
	Herring	Spawn-on-Kelp	-	
		Food/Bait	677,739	
		Sac Roe	-	
	Other	Sablefish	6,653,593	
		Halibut	6,024,746	
		Shrimp	-	
		SUB-TOTAL	282,104,867	282,104,867
		TOTAL DIRECT EXPENDITURES		423,943,243
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED		
		TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)		1,059,858,108

Table 5-2
Economic Impact of the Shoreside Processing Industry on the Bering Sea/Aleutian Region during the First Quarter, 1993

Employment		Avg. Number of Employees/Month	4,735	
		Total Processing Payroll	26,455,164	
		Fringe benefits, workers comp., etc. (30% of payroll)	7,936,549	
		Airfare	923,341	
		SUB-TOTAL	35,315,054	35,315,054
Purchases		Consumables	1,932,979	
		Services	873,036	
		Electric	16,570	
		Water	197,218	
		Sewer	48,809	
		Phone	70,745	
		Trash Removal	55,516	
		Other	-	
		SUB-TOTAL	3,194,873	3,194,873
Taxes		State Raw Fish Tax	4,509,947	
		Local Raw Fish Tax	2,505,526	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	1,670,351	
		SUB-TOTAL	8,685,824	8,685,824
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	-	
		Brown/Blue	6,062,676	
		Baird	49,622,601	
		Opilio	77,298,645	
		Dungeness	-	
		Misc. Shellfish	1,818,371	
	Groundfish	Pollock	28,735,621	
		Pacific Cod	3,363,061	
		Flounders	64,104	
		Rockfish	66,434	
		Misc. Groundfish	3,562	
	Salmon	Chinook	-	
		Sockeye	-	
		Coho	-	
		Pink	-	
		Chum	-	
	Herring	Spawn-on-Kelp	-	
		Food/Bait	-	
		Sac Roe	-	
	Other	Sablefish	-	
		Halibut	-	
		Shrimp	-	
		SUB-TOTAL	167,035,075	167,035,075
		TOTAL DIRECT EXPENDITURES		214,230,826
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED		
		TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)		335,577,064

Table 5-3
Economic Impact of the Shoreside Processing Industry on the Bering Sea/Aleutian Region during the Second Quarter, 1993

Employment		Avg. Number of Employees/Month	2,825	
		Total Processing Payroll	19,479,310	
		Fringe benefits, workers comp., etc. (30% of payroll)	5,843,793	
		Airfare	403,589	
		SUB-TOTAL	25,726,691	25,726,691
Purchases		Consumables	3,588,859	
		Services	1,012,546	
		Electric	2,300	
		Water	122,741	
		Sewer	30,680	
		Phone	59,510	
		Trash Removal	30,655	
		Other	-	
		SUB-TOTAL	4,851,291	4,851,291
Taxes		State Raw Fish Tax	1,036,852	
		Local Raw Fish Tax	576,029	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	384,019	
		SUB-TOTAL	1,996,901	1,996,901
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	-	
		Brown/Blue	-	
		Baird	-	
		Opilio	19,324,661	
		Dungeness	-	
		Misc. Shellfish	729,164	
	Groundfish	Pollock	-	
		Pacific Cod	8,071,347	
		Flounders	64,104	
		Rockfish	66,434	
		Misc. Groundfish	3,562	
	Salmon	Chinook	-	
		Sockeye	-	
		Coho	-	
		Pink	-	
		Chum	-	
	Herring	Spawn-on-Kelp	-	
		Food/Bait	-	
		Sac Roe	-	
	Other	Sablefish	5,322,874	
		Halibut	4,819,797	
		Shrimp	-	
		SUB-TOTAL	38,401,943	38,401,943
			TOTAL DIRECT EXPENDITURES	70,976,826
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED	
			TOTAL ECONOMIC IMPACT ($1.90 generated for every $1 spent directly)	177,442,066

Table 5-4
Economic Impact of the Shoreside Processing Industry on the Bering Sea/Aleutian Region during the Third Quarter, 1993

Employment		Avg. Number of Employees/Month		2,860
		Total Processing Payroll	16,970,705	
		Fringe benefits, workers comp., etc. (30% of payroll)		5,091,211
		Airfare	593,727	
		SUB-TOTAL	22,655,643	
22,655,643				
Purchases		Consumables	1,384,079	
		Services	872,012	
		Electric	3,250	
		Water	94,830	
		Sewer	23,707	
		Phone	122,722	
		Trash Removal	67,221	
		Other	-	
		SUB-TOTAL	2,567,821	
2,567,821				
Taxes		State Raw Fish Tax	1,282,943	
		Local Raw Fish Tax	712,746	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)		
475,164				
		SUB-TOTAL	2,470,853	
2,470,853				
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	-	
		Brown/Blue	-	
		Bairdi	-	
		Opilio	-	
		Dungeness	-	
		Misc. Shellfish	729,164	
	Groundfish	Pollock	43,103,431	
		Pacific Cod	336,306	
		Flounders	64,104	
		Rockfish	66,434	
		Misc. Groundfish	3,562	
	Salmon	Chinook	-	
		Sockeye	-	
		Coho	-	
		Pink	-	
		Chum	-	
	Herring	Spawn-on-Kelp	-	
		Food/Bait	677,739	
		Sac Roe	-	
	Other	Sablefish	1,330,719	
		Halibut	1,204,949	
		Shrimp	-	
		SUB-TOTAL	47,516,408	
47,516,408				

Table 5-5
Economic Impact of the Shoreside Processing Industry on the Bering Sea/Aleutian Region during the Fourth Quarter, 1993

Employment		Avg. Number of Employees/Month		2,197
		Total Processing Payroll	18,918,285	
		Fringe benefits, workers comp., etc. (30% of payroll)		5,675,486
		Airfare	306,675	
		SUB-TOTAL	24,900,446	
24,900,446				
Purchases		Consumables	4,078,079	
		Services	735,867	
		Electric	12,880	
		Water	145,034	
		Sewer	36,258	
		Phone	55,991	
		Trash Removal	35,853	
		Other	-	
		SUB-TOTAL	5,099,961	
5,099,961				
Taxes		State Raw Fish Tax	787,089	
		Local Raw Fish Tax	437,272	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)		
291,514				
		SUB-TOTAL	1,515,875	
1,515,875				
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	19,454,764	
		Brown/Blue	6,062,676	
		Bairdi	-	
		Opilio	-	
		Dungeness	-	
		Misc. Shellfish	1,818,371	
	Groundfish	Pollock	-	
		Pacific Cod	1,681,531	
		Flounders	64,104	
		Rockfish	66,434	
		Misc. Groundfish	3,562	
	Salmon	Chinook	-	
		Sockeye	-	
		Coho	-	
		Pink	-	
		Chum	-	
	Herring	Spawn-on-Kelp	-	
		Food/Bait	-	
		Sac Roe	-	
	Other	Sablefish	-	
		Halibut	-	
		Shrimp	-	
		SUB-TOTAL	29,151,441	
29,151,441				

Table 5-6
1993 Purchases of Fish and Shellfish in Bering Sea/Aleutian Region by the Shoreside Processing Industry (by quarter, in pounds)

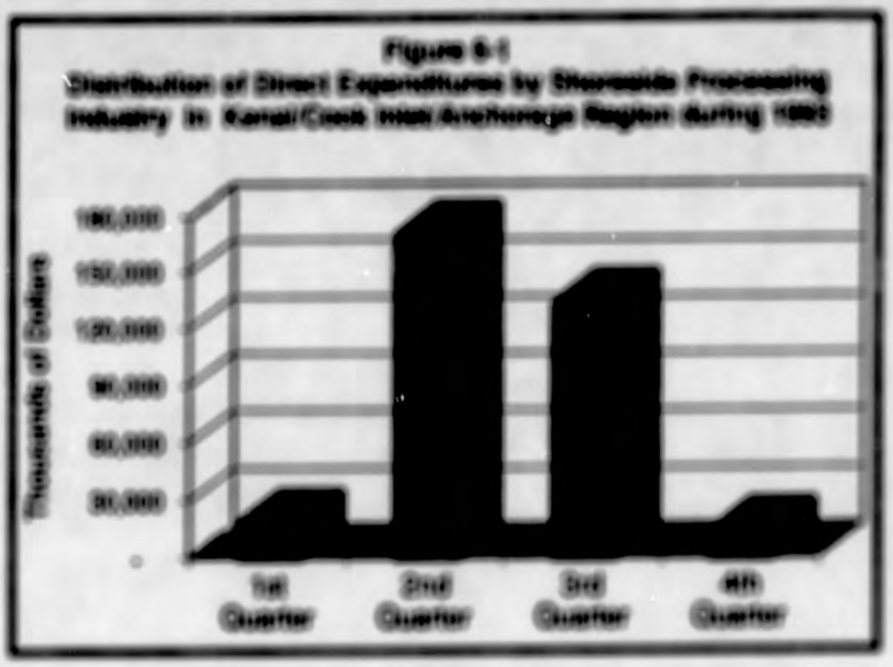
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Red King	-	-	-	4,966,751	4,966,751
Brown/Blue	2,603,124	-	-	2,603,124	5,206,248
Bairdi	27,830,960	-	-	-	27,830,960
Opilio	102,382,311	25,595,578	-	-	127,977,889
Dungeness	-	-	-	-	-
Misc. Shellfish	580,949	232,960	232,960	580,949	1,627,818
Pollock	410,508,866	-	615,763,299	-	1,026,272,164
Pacific Cod	18,683,673	44,840,814	1,868,367	9,341,836	74,734,691
Flounders	427,362	427,362	427,362	427,362	1,709,447
Rockfish	53,147	53,147	53,147	53,147	212,590
Misc. Groundfish	35,615	35,615	35,615	35,615	142,461
Chinook	-	-	-	-	-
Sockeye	-	-	-	-	-
Coho	-	-	-	-	-
Pink	-	-	-	-	-
Chum	-	-	-	-	-
Spawn-on-Kelp	-	-	-	-	-
Food/Bait	-	-	4,518,258	-	4,518,258
Sac Roe	-	-	-	-	-
Sablefish	-	2,129,150	532,287	-	2,661,437
Halibut	-	3,783,200	945,800	-	4,729,000
Shrimp	-	-	-	-	-
Total	563,106,007	77,097,826	624,377,095	18,008,785	1,282,589,713
	44%	6%	49%	1%	100%

Chapter 6

Impacts in the Kenai/Cook Inlet Region

6.1 Introduction

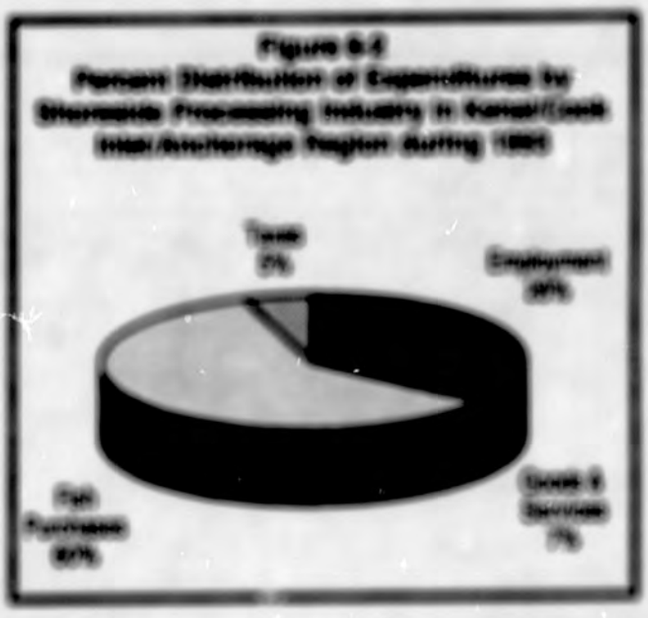
Tables 6-1 through 6-4 display the annual and quarterly economic impact of the shoreside seafood processing industry in the Kenai/Cook Inlet/Anchorage Region during 1993. The total impact was $344 million, of which $137.5 million were direct expenditures. Of this amount, $82 million was spent on purchases of fish and shellfish, $38.5 million was spent on labor, $10.7 million was spent on purchases of goods and services, and $7.1 million was spent on tax related items. Figure 6-1 shows the direct expenditures by quarter, while Figure 6-2 shows the direct expenditures from each category as a percent of the total.



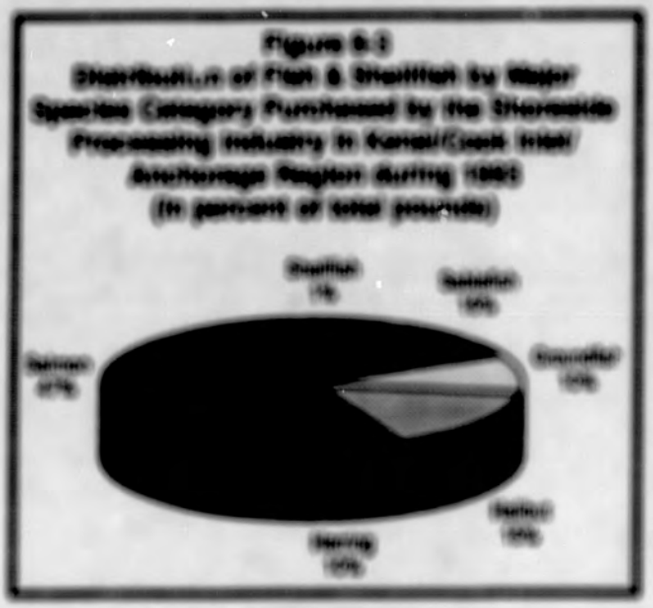
On an annual basis, shoreside seafood processing companies spent $1.87 for every pound of fish and shellfish processed during 1993.

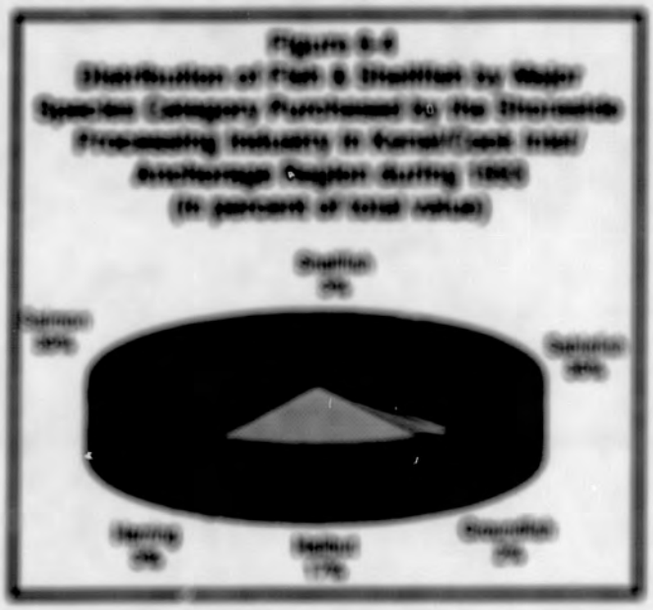
6.2 Purchases of Fish and Shellfish

Table 6-6 shows the poundage of fish and shellfish purchased by quarter in the Kenai/Cook Inlet region during 1993; for ex-vessel expenditures by the shoreside processing industry by species and quarter during 1993, see the "Fish Purchases" categories of Tables 6-1 through 6-3 for detailed information. Figures 6-3 and 6-4 display the percentage distribution of fish and shellfish purchased by the shoreside processors during 1993 by major species group in pounds purchased and value respectively.



During 1993, 74 million pounds of fish and shellfish were purchased in the region. The dominant species consisted of sockeye salmon (20 million pounds), followed by whitefish (11.8 million pounds), halibut (11.5 million pounds), ex-vessel herring (7 million pounds), and Pacific cod (6.6 million pounds). On a quarterly basis, six percent (4.7 million pounds) was processed in the first quarter, 63% (46.6 million pounds) was processed in the second quarter, 30% (22 million pounds) were processed in the third quarter, and less than





one percent (61,000 pounds) was processed in the fourth quarter.

In terms of ex-vessel value, sockeye salmon generated the greatest revenue ($30 million), followed by pollock ($29 million) and halibut ($14 million).

6.3 Employment

The average number of individuals employed on a monthly basis during 1993 was 1,151. Employment varied significantly through the year; the lowest quarters were the first and fourth quarters when 550 and 570 individuals respectively were employed, while the second and third quarters produced direct employment opportunities for 1,369 and 2,326 individuals respectively. Total wages and benefits paid to employees during the year were $36.4 million.

6.4 Purchases of Goods and Services

A total of $30 million in goods and services were purchased by the domestic seafood processing companies in the Kenai/Cook Inlet region during 1993. On a quarterly basis, the expenditures consisted of $1.3 million for the first quarter, $3.6 million for the second quarter, $4.2 million for the third quarter, and $1.2 million for the fourth quarter.

By category, the expenditures consisted of $7.6 million for consumables, $2.6 million for services, $1.5 million for electricity, $740,000 for water, and $131,000 for other purchases.

6.5 Taxes

Purchases of fish and shellfish in the Kenai/Cook Inlet region by the domestic processing industry in 1993 generated $7.1 million in state and local taxes. Of this amount, $2.7 million was paid directly to local governments through local taxes or from the state through raw fish tax revenue sharing.

Table 6-2
Economic Impact of the Shoreside Processing Industry
on the Aleutians/Bering Sea Region during 1997

Employment	Total Monthly Employment	[illegible]		Person
	Avg. Number of Employees/Month	[illegible]		of
	Total Processing Payroll	[illegible]		Total
	Fringe benefits, workers comp, etc. (20% of payroll)	[illegible]		
	Other	[illegible]		
	SUB-TOTAL	[illegible]	[illegible]	[illegible]
Purchases	Commodities	[illegible]		
	Services	[illegible]		
	Electric	[illegible]		
	Water	[illegible]		
	Sewer	[illegible]		
	Phone	[illegible]		
	Truck Rental	[illegible]		
	Other	[illegible]		
	SUB-TOTAL	[illegible]	[illegible]	[illegible]
Taxes	State Sea Fish Tax	[illegible]		
	Local Sea Fish Tax	[illegible]		
	Other State Taxes (corporate income, ANW, property, license, etc.)	[illegible]		
	SUB-TOTAL	[illegible]	[illegible]	[illegible]
Fish (Ex-Vessel Value of Species)				
Cod	Bait/Dog	[illegible]		
	Bonelfish	[illegible]		
	Basic	[illegible]		
	Split	[illegible]		
	Sequence	[illegible]		
	Mix Sortfish	[illegible]		
	Rollover	[illegible]		
Groundfish	Pacific Cod	[illegible]		
	Flounder	[illegible]		
	Rockfish	[illegible]		
	Misc Groundfish	[illegible]		
Salmon	Chinook	[illegible]		
	Sockeye	[illegible]		
	Coho	[illegible]		
	Pink	[illegible]		
	Chum	[illegible]		
Herring	Spawn-on-Kelp	[illegible]		
	Roe/Bait	[illegible]		
	Sac Roe	[illegible]		
Other	Halibut	[illegible]		
	Salmon	[illegible]		
	Shellfish	[illegible]		
	SUB-TOTAL	[illegible]	[illegible]	[illegible]
	TOTAL DIRECT EXPENDITURES		[illegible]	[illegible]
	AVERAGE DIRECT EXPENDITURE PER EMPLOYEE			

TOTAL ECONOMIC IMPACT [illegible] percent of [illegible] area [illegible]

Table 6-2
Economic Impact of the Shoreside Processing Industry on the Kenai/Cook Inlet/Anchorage Region during the First Quarter, 1992

Employment	Avg. Number of Employees/Month	59		Person
	Total Processing Payroll	$ 2,861,788		of
	Wage benefits, workers comp, etc. (30% of payroll)	686,037		Total
	Other	6,803		
	SUB-TOTAL	$ 3,277,648	$ 3,277,648	39%
Purchases	Commodities	$ 1,561,666		
	Services	649,278		
	Electric	195,139		
	Water	39,459		
	Sewer	0		
	Waste	$ 1,566		
	Truck Removal	99		
	Other	1,737		
	SUB-TOTAL	$ 2,391,651	$ 2,391,651	27%
Taxes	State Shore Fish Tax	$ 41,749		
	Local Shore Fish Tax	41,749		
	Other State Taxes (corporate income, MVM, property, licenses, etc.)	31,180		
	SUB-TOTAL	$ 114,678	$ 114,678	3%
Fish (Ex-Vessel Value of Purchase)				
Cod	Bait Herring	0		
	Bottomfish	0		
	Halibut	$ 1,146,139		
	Optilo	0		
	Sablefish	0		
	Misc. Bottomfish	0		
	Pollock	0		
Groundfish	Pacific Cod	$ 2,283		
	Flounders	9,140		
	Rockfish	$ 79,979		
	Misc. Groundfish	0		
	Chinook	0		
Salmon	Sockeye	0		
	Coho	0		
	Pink	0		
	Chum	0		
	Species Group	0		
Herring	Roe/Bait	0		
	Sac Roe	0		
	Halibut	0		
Other	Sablefish	0		
	Herring	0		
	Shrimp	0		
	SUB-TOTAL	$ 1,238,541	$ 1,238,541	41%
	TOTAL DIRECT EXPENDITURES	$ 7,022,518	$ 7,022,518	59%
	AVERAGE DIRECT EXPENDITURES PER PERSON EMPLOYED			
	TOTAL ECONOMIC IMPACT (1.9 percent of 1992 GRP)	$ 11,911,111		

Table 6-3
Economic Impact of the Shoreside Processing Industry on the Kenai/Cook Inlet/Anchorage Region during the Second Quarter, 1993

Employment	Avg. Number of Employees/Month	1,769		Person
	Total Processing Payroll	3,978,597		of
	Fringe benefits, workers comp., etc. (30% of payroll)	1,193,579		Total
	Airfare	40,350		
	SUB-TOTAL	5,214,591	5,214,591	8%
Purchases	Commodities	2,102,787		
	Services	975,236		
	Electric	340,842		
	Water	36,004		
	Sewer	1,680		
	Phones	51,756		
	Trash Removal	1,280		
	Other	62,999		
	SUB-TOTAL	3,575,722	3,575,722	5%
Taxes	State Raw Fish Tax	1,322,722		
	Local Raw Fish Tax	965,556		
	Other State Taxes (corporate income, MMI, property, licenses, etc.)	747,371		
	SUB-TOTAL	3,035,649	3,035,649	4%
Fish (Ex-Vessel Value of Purchases)				
Cod	Bait King	0		
	Brown/Blue	0		
	Basic	0		
	Opilio	0		
	Dungeness	0		
	Misc. Shellfish	0		
Groundfish	Pollock	0		
	Pacific Cod	59,280		
	Flounder	5,962		
	Rockfish	370,078		
	Misc. Groundfish	0		
Salmon	Chinook	80,750		
	Sockeye	6,856,380		
	Coho	510,555		
	Pink	65,022		
	Chum	36,510		
Herring	Spawn-on-Kelp	0		
	Food/Bait	0		
	Roe Run	2,220,750		
Other	Halibut	8,140,227		
	Sablefish	11,775,750		
	Shrimp	0		
	SUB-TOTAL	36,397,410	36,397,410	61%
	TOTAL DIRECT EXPENDITURES	48,224,462	48,224,462	100%
	AVERAGE DIRECT EXPENDITURES PER PERSON EMPLOYED	27,268		

TOTAL ECONOMIC IMPACT: $1.8 generated for every $1 spent directly (1.8:1)

Table 6-4
Economic Impact of the Shoreside Processing Industry on the Kenai/Cook Inlet/Anchorage Region during the Third Quarter, 1993

				Percent of Total
Employment	Avg. Number of Employees/Month	2,310		
	Total Processing Payroll	[illegible]		
	Fringe benefits, workers comp., etc. (10% of payroll)	[illegible]		
	Airfare	[illegible]		
	SUB-TOTAL	[illegible]	[illegible]	69%
Purchases	Consumables	[illegible]		
	Services	[illegible]		
	Electric	[illegible]		
	Water	[illegible]		
	Sewer	[illegible]		
	Phone	[illegible]		
	Trash Removal	[illegible]		
	Other	[illegible]		
	SUB-TOTAL	[illegible]	[illegible]	9%
Taxes	State Raw Fish Tax	[illegible]		
	Local Raw Fish Tax	[illegible]		
	Other State Taxes (corporate income, REMI, property, licenses, etc.)	[illegible]		
	SUB-TOTAL	[illegible]	[illegible]	2%
Fish (Ex-Vessel Value of Purchases)				
	Cod	[illegible]		
		[illegible]		
		[illegible]		
		[illegible]		
		[illegible]		
		[illegible]		
	Groundfish	[illegible]		
		[illegible]		
		[illegible]		
		[illegible]		
		[illegible]		
	Salmon	[illegible]		
		[illegible]		
		[illegible]		
		[illegible]		
		[illegible]		
	Herring	[illegible]		
		[illegible]		
		[illegible]		
	Other	[illegible]		
		[illegible]		
		[illegible]		
	SUB-TOTAL	[illegible]	[illegible]	61%
	TOTAL DIRECT EXPENDITURES		[illegible]	100%
	AVERAGE DIRECT EXPENDITURE PER PERSON PER [illegible]			

TOTAL ECONOMIC IMPACT [illegible] generated by crews in port [illegible]

Table 6-5
Economic Impact of the Shoreside Processing Industry on the Kenai/Cook Inlet/Anchorage Region during the Fourth Quarter, 1993

					Percent
Employment		Avg. Number of Employees/Month	526		
		Total Processing Payroll	[illegible]		of
		Fringe benefits, workers comp., etc. (20% of payroll)	[illegible]		Total
		Airfare	[illegible]		
		SUB-TOTAL	[illegible]	[illegible]	[illegible]
Purchases		Commodities	[illegible]		
		Services	[illegible]		
		Electric	[illegible]		
		Water	[illegible]		
		Sewer	[illegible]		
		Phone	[illegible]		
		Trash Removal	[illegible]		
		Other	[illegible]		
		SUB-TOTAL	[illegible]	[illegible]	[illegible]
Taxes		State Raw Fish Tax	[illegible]		
		Local Raw Fish Tax	[illegible]		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	[illegible]		
		SUB-TOTAL	[illegible]	[illegible]	[illegible]
Fish (Ex-Vessel Value of Purchases)					
	Crab	Red King	-		
		Brown/Blue	-		
		Tanner	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	-		
	Groundfish	Pollock	-		
		Pacific Cod	-		
		Flounders	[illegible]		
		Rockfish	-		
		Misc. Groundfish	-		
	Salmon	Chinook	-		
		Sockeye	-		
		Coho	-		
		Pink	-		
		Chum	-		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Salmon	-		
		Halibut	-		
		Shrimp	-		
		SUB-TOTAL	[illegible]	[illegible]	[illegible]
		TOTAL DIRECT EXPENDITURES		[illegible]	[illegible]
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			

TOTAL ECONOMIC IMPACT ($) (Direct expenditures plus indirect and induced impacts) [illegible]

Table 6-6
1993 Purchases of Fish and Shellfish in the Kenai/Cook Inlet/Anchorage Region by the Shoreside Processing Industry (by quarter, in pounds)

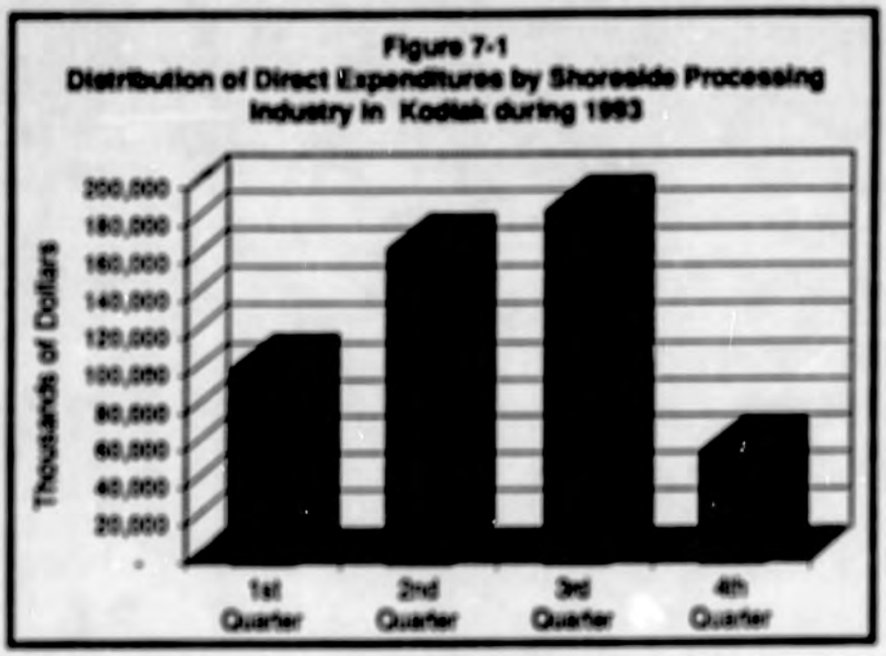
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Red King	-	-	-	-	-
Brown/Blue	-	-	-	-	-
Bairdi	1,080,120	-	-	-	1,080,120
Opilio	-	-	-	-	-
Dungeness	-	-	-	-	-
Misc. Shellfish	-	-	-	-	-
Pollock	-	-	-	-	-
Pacific Cod	3,293,783	3,293,783	-	-	6,587,565
Flounders	60,412	60,412	60,412	60,412	241,646
Rockfish	296,541	296,541	-	-	593,081
Misc. Groundfish	-	-	-	-	-
Chinook	-	272,086	272,086	-	544,171
Sockeye	-	14,491,789	14,491,789	-	28,983,578
Coho	-	562,130	1,311,637	-	1,873,767
Pink	-	532,979	2,131,918	-	2,664,897
Chum	-	148,569	594,274	-	742,843
Spawn-on-Kelp	-	-	-	-	-
Food/Bait	-	-	-	-	-
Sac Roe	-	7,140,700	-	-	7,140,700
Sablefish	-	10,584,891	1,176,099	-	11,760,990
Halibut	-	9,190,566	2,297,642	-	11,488,208
Shrimp	-	-	-	-	-
Total	4,730,855	46,574,445	22,335,856	60,412	73,701,567
	6%	63%	30%	0%	100%

Chapter 7

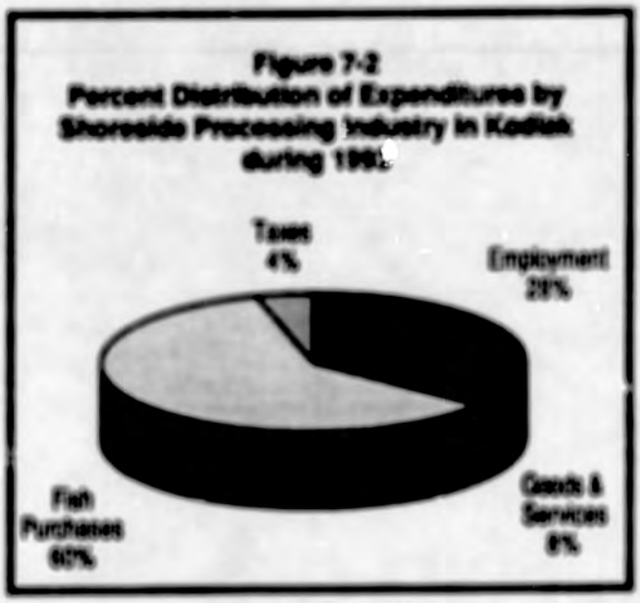
Impacts in the Kodiak Region

7.1 Introduction

Tables 7-1 through 7-4 display the annual and quarterly economic impact of the shoreside seafood processing industry Kodiak during 1993. The total impact was $523 million, of which $209 million were direct expenditures. Of this amount, $125 million was spent on purchases of fish and shellfish, $58 million was spent on labor, $16.6 million was spent on purchases of goods and services, and $9.4 million was spent on tax related items. Figure 7-1 shows the direct expenditures by quarter, while Figure 7-2 shows the direct expenditures from each category as a percent of the total.



On an annual basis, shoreside seafood processing companies spent $0.48 for every pound of fish and shellfish processed during 1993.



7.2 Purchases of Fish and Shellfish

Table 7-6 shows the poundage of fish and shellfish purchased by quarter in the Kodiak region during 1993; for ex-vessel expenditures by the shoreside processing industry by species and quarter during 1993, see the "Fish Purchases" categories of Tables 7-1 through 7-5 for detailed information. Figures 7-3 and 7-4 display the percentage distribution of fish and shellfish purchased by the shoreside processors during 1993 by major species group in pounds purchased and value respectively.

During 1993, 434 million pounds of fish and shellfish were purchased in the region. The dominant species consisted of pollock (183 million pounds), followed by pink salmon (106 million pounds), Pacific cod (54 million pounds), sockeye salmon (22 million pounds), flounders (21 million pounds), and halibut and sac roe herring (10 million pounds respectively). On a quarterly basis, 20% (88 million pounds) were processed in the first quarter, 31% (133 million pounds) were processed

Figure 7-3
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Kodiak during 1993 (in percent of total pounds)

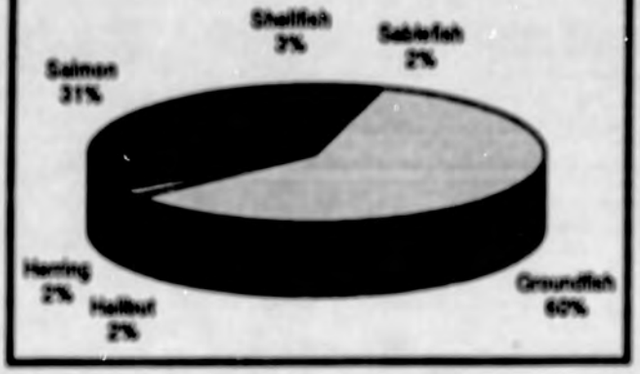
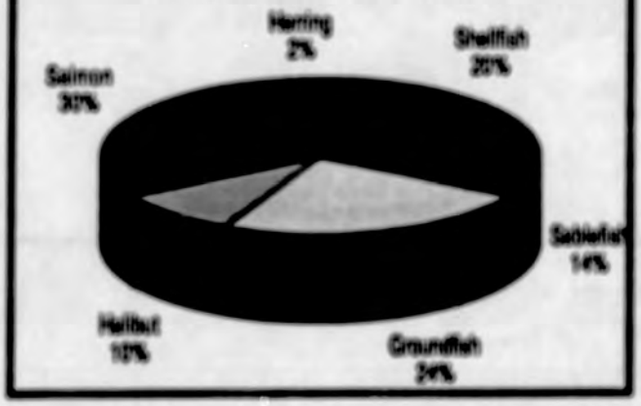


Figure 7-4
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Kodiak during 1993 (in percent of total value)



in the second quarter, 37% (159 million pounds) were processed in the third quarter, and 13% (55 million pounds) were processed in the fourth quarter.

In terms of ex-vessel values, sockeye salmon generated the greatest overall revenue ($19.8 million), followed by sablefish ($17 million), pink salmon ($16.8 million), pollock ($15.6 million), bairdi Tanner crab ($13.8 million), halibut ($12 million), and Pacific cod ($9.7 million).

7.3 Employment

On a monthly basis during 1993, approximately 1,720 individuals were employed with the shoreside processing industry in the Kodiak region. Direct employment fluctuates slightly through the year from a quarterly low of 1,290 jobs (the fourth quarter) to a high of 2,431 jobs (during the second quarter. Total wages and benefits paid to employees during the year were $58 million.

Seafood processing dominates employment opportunity in Kodiak. During 1993, thirty-two percent of total employment opportunity consisted of seafood processing jobs.

7.4 Purchases of Goods and Services

A total of $16.6 million in goods and services were purchased by the shoreside seafood processing companies in Kodiak during 1993. On a quarterly basis, the expenditures consisted of $3.3 million for the first quarter, $4.2 million for the second quarter, $6.7 million for the third quarter, and $2.3 million for the fourth quarter.

By category, the expenditures consisted of $7.4 million for consumables, $2.4 million for services, $4.4 million for electricity, $654,000 for water, $57,000 for sewer services, and $1.7 million for other purchases.

7.5 Taxes

Purchases of fish and shellfish in the Kodiak region by the shoreside processing industry in 1993 generated $9.4 million in state and local taxes. Of this amount, $3.6 million was paid directly to local governments through local taxes or from the state through raw fish tax revenue sharing.

Table 7-1
Economic Impact of the Shoreside Processing Industry on the Aleutians/Bering Sea Region during 1993

Employment		Peak Monthly Employment	3,132		Percent
		Avg. Number of Employees/Month	1,720		of
		Total Processing Payroll	44,396,360		Total
		Fringe benefits, workers comp., etc. (30% of payroll)	13,318,908		
		Airfare	484,919		
		SUB-TOTAL	58,200,186	58,200,186	29%
Purchases		Consumables	7,350,283		
		Services	2,440,325		
		Electric	4,356,621		
		Water	453,358		
		Sewer	56,925		
		Phone	175,044		
		Trash Removal	257,068		
		Other	1,282,570		
		SUB-TOTAL	16,572,394	16,572,394	8%
Taxes		State Raw Fish Tax	3,379,534		
		Local Raw Fish Tax	1,877,519		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	4,108,822		
		SUB-TOTAL	9,365,876	9,365,876	4%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	4,734,525		
		Brown/Blue	-		
		Baird	13,780,155		
		Opilio	1,804,462		
		Dungeness	1,119,644		
		Misc. Shellfish	3,216,760		
	Groundfish	Pollock	15,560,934		
		Pacific Cod	9,702,295		
		Flounders	3,110,530		
		Rockfish	1,461,318		
		Misc. Groundfish	271		
	Salmon	Chinook	385,326		
		Sockeye	19,436,611		
		Coho	941,014		
		Pink	16,812,815		
		Chum	930,120		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	2,519		
		Sac Roe	3,063,941		
	Other	Sablefish	17,043,687		
		Halibut	11,957,216		
		Shrimp	31,973		
		SUB-TOTAL	125,167,856	125,167,856	60%
		TOTAL DIRECT EXPENDITURES		209,306,302	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			
		TOTAL ECONOMIC IMPACT ($1.86 generated for every $1 spent directly)		373,267,980	

Table 7-2
Economic Impact of the Shoreside Processing Industry on the Kodiak during the First Quarter, 1993

Employment		Avg. Number of Employees/Month	1,361		Percent
		Total Processing Payroll	8,304,895		of
		Fringe benefits, workers comp., etc. (30% of payroll)	2,491,469		Total
		Airfare	421		
		SUB-TOTAL	10,796,785	10,796,785	26%
Purchases		Commodities	1,243,969		
		Services	377,312		
		Electric	1,068,516		
		Water	141,433		
		Sewer	13,935		
		Phone	36,585		
		Trash Removal	70,852		
		Other	355,839		
		SUB-TOTAL	3,308,441	3,308,441	8%
Taxes		State Raw Fish Tax	702,872		
		Local Raw Fish Tax	390,484		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	260,323		
		SUB-TOTAL	1,353,679	1,353,679	3%
Fish (Ex-Vessel Value of Purchase)					
	Crab	Red King	-		
		Brown/Blue	-		
		Baird	13,750,155		
		Opilio	1,525,569		
		Dungeness	-		
		Misc. Shellfish	804,190		
	Groundfish	Pollock	5,890,253		
		Pacific Cod	4,971,147		
		Flounders	777,632		
		Rockfish	405,122		
		Misc. Groundfish	271		
	Salmon	Chinook	-		
		Sockeye	-		
		Coho	-		
		Pink	-		
		Chum	-		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Salmonfish	-		
		Halibut	-		
		Shrimp	31,973		
		SUB-TOTAL	26,050,295	26,050,295	63%
			TOTAL DIRECT EXPENDITURES	41,491,200	100%
			AVERAGE DIRECT EXPENDITURES PER POUND PROCESSED		
			TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)	103,728,000	

Table 7-3
Economic Impact of the Shoreside Processing Industry on the Kodiak during the Second Quarter, 1993

					Percent of Total
Employment		Avg. Number of Employees/Month	1,798		
		Total Processing Payroll	6,848,107		
		Fringe benefits, workers comp., etc. (30% of payroll)	2,054,432		
		Airfare	261,352		
		SUB-TOTAL	9,167,891	9,163,891	14%
Purchases		Consumables	1,920,472		
		Services	682,710		
		Electric	1,057,505		
		Water	148,021		
		Sewer	13,935		
		Phone	47,731		
		Trash Removal	48,783		
		Other	316,105		
		SUB-TOTAL	4,235,260	4,235,260	6%
Taxes		State Raw Fish Tax	1,375,491		
		Local Raw Fish Tax	764,162		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	500,441		
		SUB-TOTAL	2,640,095	2,640,095	4%
Fish (Ex-Vessel Value of Purchases)					
	Crab	Red King	-		
		Brown/Blue	-		
		Baird	-		
		Opilio	301,892		
		Dungeness	350,822		
		Misc. Shellfish	816,190		
	Groundfish	Pollock	3,890,235		
		Pacific Cod	3,881,318		
		Flounders	777,432		
		Rockfish	473,512		
		Misc. Groundfish	-		
	Salmon	Chinook	192,443		
		Sockeye	9,718,396		
		Coho	282,316		
		Pink	3,362,563		
		Chum	572,348		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	2,210		
		Sac Roe	3,802,901		
	Other	Subtotals	13,436,790		
		Halibut	9,365,775		
		Shrimp	-		
		SUB-TOTAL	51,966,127	51,966,127	76%
			TOTAL DIRECT EXPENDITURES	68,005,373	100%
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED		

TOTAL ECONOMIC IMPACT ($) IN generated for every $1 spent directly [illegible]

Table 7-4
Economic Impact of the Shoreside Processing Industry on the Kodiak during the Third Quarter, 1993

					Percent of Total
Employment		Avg. Number of Employees/Month	2,431		
		Total Processing Payroll	21,910,373		
		Fringe benefits, workers comp., etc. (30% of payroll)	6,577,092		
		Airfare	173,702		
		SUB TOTAL	28,667,767	28,667,767	39%
Purchases		Consumables	3,239,079		
		Services	1,082,800		
		Electric	1,010,810		
		Water	228,965		
		Sewer	115,950		
		Phone	63,875		
		Trash Removal	110,225		
		Other	455,732		
		SUB TOTAL	6,714,610	6,714,610	9%
Taxes		State Raw Fish Tax	1,099,774		
		Local Raw Fish Tax	360,986		
		Other State Taxes (corporate income, AS/SE, property, licenses, etc.)	373,990		
		SUB TOTAL	1,944,750	1,944,750	3%
Fish (Ex-Vessel Value of Purchases)					
	Crab	Red King	0		
		Brown/Blue	0		
		Tanner	0		
		Opilio	0		
		Dungeness	559,822		
		Misc. Shellfish	816,198		
	Groundfish	Pollock	3,890,220		
		Pacific Cod	485,115		
		Flounder	777,632		
		Rockfish	513,903		
		Misc. Groundfish	0		
	Salmon	Chinook	132,465		
		Sockeye	9,710,398		
		Coho	658,710		
		Pink	11,450,222		
		Chum	558,372		
	Herring	Spawn-on-Kelp	0		
		Food/Bait	0		
		Sac Roe	0		
	Other	Salmonfish	2,408,697		
		Halibut	2,391,845		
		Shrimp	0		
		SUB TOTAL	37,399,039	37,399,039	50%
			TOTAL DIRECT EXPENDITURES	74,725,965	100%
			AVERAGE DIRECT EXPENDITURES PER POUND PROCESSED		

TOTAL ECONOMIC IMPACT (DIRECT generated for every $1 spent directly in Kodiak)

Table 7-5
Economic Impact of the Shoreside Processing Industry on the Kodiak during the Fourth Quarter, 1993

					Percent of Total
Employment		Avg. Number of Employees/Month	1,250		
		Total Processing Payroll	7,326,364		
		Fringe benefits, workers comp., etc. (30% of payroll)	2,197,910		
		Airfare	47,444		
		SUB-TOTAL	9,571,743	9,571,743	41%
Purchases		Commodities	846,707		
		Services	294,500		
		Electric	815,787		
		Water	155,140		
		Sewer	85,120		
		Phones	26,855		
		Trash Removal	27,210		
		Other	154,905		
		SUB-TOTAL	2,314,264	2,314,264	10%
Taxes		State Raw Fish Tax	291,397		
		Local Raw Fish Tax	101,887		
		Other State Taxes (corp tax income, 4350, property, licenses, etc.)	107,925		
		SUB-TOTAL	501,209	501,209	2%
Fish (Ex-Vessel Value of Purchases)					
	Crab	Red King	4,754,525		
		Bairdi	0		
		Opilio	0		
		Dungeness	0		
		Misc. Shellfish	804,190		
	Groundfish	Pollock	5,800,220		
		Pacific Cod	485,107		
		Flounders	777,632		
		Rockfish	100,781		
		Misc. Groundfish	0		
	Salmon	Chinook	0		
		Sockeye	0		
		Coho	0		
		Pink	0		
		Chum	0		
	Herring	Spawn-on-Kelp	0		
		Food/Bait	0		
		Sac Roe	0		
	Other	Halibut	0		
		Salmon	0		
		Shrimp	0		
		SUB-TOTAL	12,702,476	12,702,476	49%
		TOTAL DIRECT EXPENDITURES		25,089,692	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			
		TOTAL ECONOMIC IMPACT (5.19 generated for every $1 spent directly)		76,557,175	

Table 7-6
1993 Purchases of Fish and Shellfish in the Kodiak by the Shoreside Processing Industry (by quarter, in pounds)

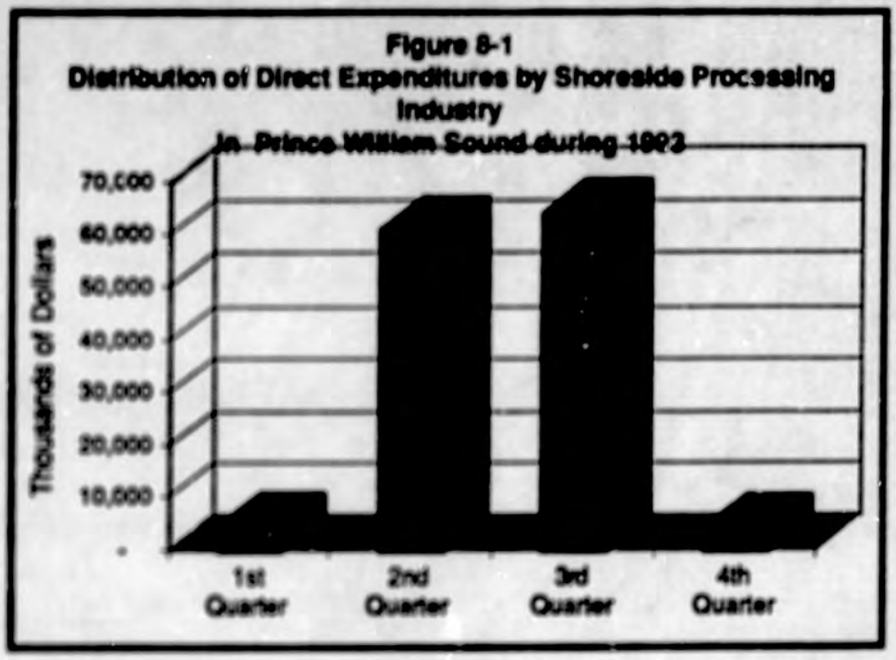
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Red King	-	-	-	1,208,712	1,208,712
Brown/Blue	-	-	-	-	-
Turbi	6,920,058	-	-	-	6,920,058
Opilio	2,017,973	504,493	-	-	2,522,466
Dungeness	-	587,432	587,432	-	1,174,863
Misc. Shellfish	412,194	412,194	412,194	412,194	1,648,775
Pollock	45,767,452	45,767,452	45,767,452	45,767,452	183,069,808
Pacific Cod	26,950,819	21,560,655	2,695,082	2,695,082	53,901,638
Flounders	5,184,216	5,184,216	5,184,216	5,184,216	20,736,864
Rockfish	322,498	362,810	403,122	80,624	1,169,054
Misc. Groundfish	2,712	-	-	-	2,712
Chinook	-	251,519	251,519	-	503,037
Sockeye	-	11,222,062	11,222,062	-	22,444,124
Coho	-	631,553	1,473,623	-	2,105,176
Pink	-	21,202,044	85,120,178	-	106,410,222
Chum	-	1,409,273	2,113,909	-	3,523,182
Spawn-on-Kelp	-	-	-	-	-
Food/Bait	-	100,754	-	-	100,754
Sac Roe	-	9,858,395	-	-	9,858,395
Subtotals	-	5,453,916	1,363,479	-	6,817,395
Halibut	-	8,079,200	2,019,800	-	10,099,000
Shrimp	9,300	-	-	-	9,300
Total	87,587,221	132,667,967	159,622,067	55,548,280	434,225,534
	20%	31%	37%	13%	100%

Chapter 8

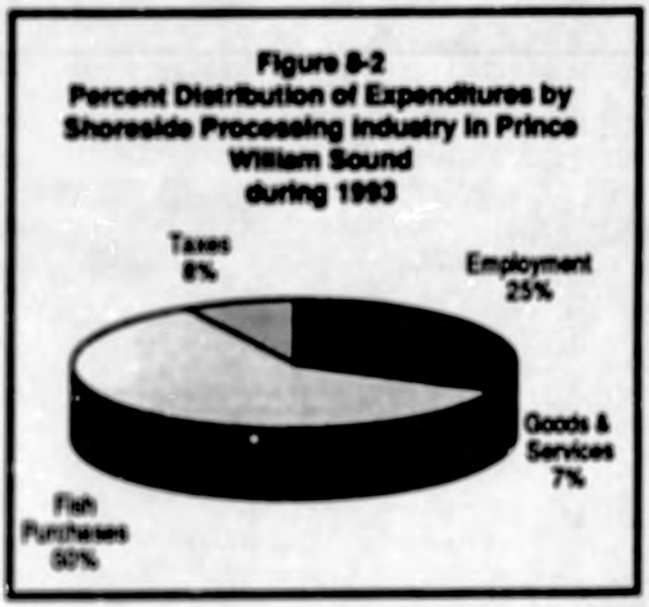
Impacts in Prince William Sound

8.1 Introduction

Tables 8-1 through 8-4 display the annual and quarterly economic impact of the shoreside seafood processing industry on Prince William Sound during 1993. The total impact was $140 million, of which $56 million were direct expenditures. Of this amount, $33.5 million was spent on purchases of fish and shellfish, $14.3 million was spent on labor, $3.8 million was spent on purchases of goods and services, and $4.6 million was spent on tax related items. Figure 8-1 shows the direct expenditures by quarter, while Figure 8-2 shows the direct expenditures from each category as a percent of the total.



On an annual basis, shoreside seafood processing companies spent $1.13 for every pound of fish and shellfish processed during 1993.



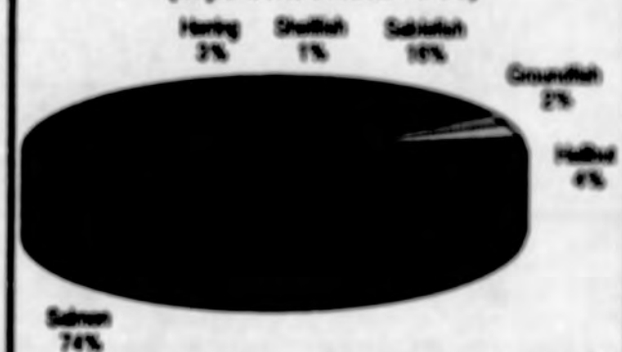
8.2 Purchases of Fish and Shellfish

Table 8-6 shows the poundage of fish and shellfish purchased by quarter in Prince William Sound during 1993; for ex-vessel expenditures by the shoreside processing industry by species and quarter during 1993, see the "Fish Purchases" categories of Tables 8-1 through 8-5 for detailed information. Figures 8-3 and 8-4 display the percentage distribution of fish and shellfish purchased by the shoreside processors during 1993 by major species group in pounds purchased and value respectively.

During 1993, 49.5 million pounds of fish and shellfish were purchased in the region. The dominant species consisted of pink salmon (16.5 million pounds), followed by sockeye salmon (10.6 million pounds). The harvest were extremely seasonal: there was very little harvest during the first and the fourth quarters, while the second quarter accounted for 44% (22 million pounds) and the

Figure 8-3
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Prince William Sound during 1993
(in percent of total pounds)

Figure 8-4
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Prince William Sound during 1993
(in percent of total value)



third quarter accounted for 52% (26 million pounds).

In terms of ex-vessel values, sockeye salmon generated the greatest overall revenue ($13 million, followed by sablefish ($5.3 million), and chum salmon ($5 million).

8.3 Employment

An average of 484 individuals were employed on a monthly basis during 1993. As with purchases of fish and shellfish, employment fluctuated sharply through the year; little employment was available during the first and fourth quarters, while the second quarter provided 598 direct jobs and the third quarter provided 964 jobs. Total wages and benefits paid to employees during the year were $14.1 million.

8.4 Purchases of Goods and Services

A total of $3.8 million in goods and services were purchased by the shoreside seafood processing companies in Prince William Sound during 1993. On a quarterly basis, the expenditures consisted of $652,000 for the first quarter, $1 million for the second quarter, $1.6 million for the third quarter, and $543,000 for the fourth quarter.

By category, the expenditures consisted of $31 million for consumables, $767,000 for services, $1.4 million for electricity, $209,000 for water, $112,000 for sewer services, and $291,000 for other purchases.

8.5 Purchases of Goods and Services

Purchases of fish and shellfish in Prince William Sound by the shoreside processing industry in 1993 generated $4.6 million in state and local taxes. Of this amount, $955,000 was paid directly to local governments through local taxes or from the state through raw fish tax revenue sharing.

Table 6-1
Economic Impact of the Shoreside Processing Industry on the Aleutians/Bering Sea Region during 1993

Employment		Full (Weekly) Employees	[illegible]		Person
		Avg. Number of Employees/Week	[illegible]		of
		Total Processing Payroll	[illegible]		Total
		Fringe benefits, workers comp, etc. (20% of payroll)	[illegible]		
		Other	[illegible]		
		SUB-TOTAL	[illegible]	[illegible]	2%
Purchases		Commodities	[illegible]		
		Services	[illegible]		
		Electric	[illegible]		
		Water	[illegible]		
		Sewer	[illegible]		
		Phone	[illegible]		
		Trash Removal	[illegible]		
		Other	[illegible]		
		SUB-TOTAL	[illegible]	[illegible]	1%
Taxes		State Raw Fish Tax	[illegible]		
		Local Raw Fish Tax	[illegible]		
	Other State Taxes (corporate income, ASMI, property, licenses, etc.)		[illegible]		
		SUB-TOTAL	[illegible]	[illegible]	0%
Fish (Ex-Vessel Value of Purchases)					
	Cod	Bait King	[illegible]		
		Bairdi/Blue	[illegible]		
		Basil	[illegible]		
		Sablefish	[illegible]		
		Sequence	[illegible]		
		Misc. Bottom	[illegible]		
	Groundfish	Pollock	[illegible]		
		Pacific Cod	[illegible]		
		Flounder	[illegible]		
		Rockfish	[illegible]		
		Misc. Groundfish	[illegible]		
	Salmon	Chinook	[illegible]		
		Sockeye	[illegible]		
		Coho	[illegible]		
		Pink	[illegible]		
		Chum	[illegible]		
	Herring	Spawn-on-Kelp	[illegible]		
		Roe/Bait	[illegible]		
		Re-Sac	[illegible]		
	Other	Halibut	[illegible]		
		Salmon	[illegible]		
		Herring	[illegible]		
		SUB-TOTAL	[illegible]	[illegible]	0%
		TOTAL DIRECT EXPENDITURES		[illegible]	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			
		TOTAL ECONOMIC IMPACT (1.9 percent of 1993 U.S. GDP)			[illegible]

Table 6-2
Economic Impact of the Silverside Processing Industry on the Prince William Sound during the First Quarter, 1993

Employment	Avg. Number of Employees/Month	(0)		Person
	Total Processing Payroll	$66,645		of
	Fringe benefits, workers comp, etc. (20% of payroll)	$13,333		Total
	Other	$6,221		
	SUB-TOTAL	$79,199	$79,199	45%
Purchases	Commodities	$12,665		
	Services	$6,330		
	Electric	$12,396		
	Water	$1,275		
	Sewer	$6,218		
	Phone	$1,150		
	Trash Removal	$1,331		
	Other	$1,200		
	SUB-TOTAL	$45,271	$45,271	27%
Taxes	State Raw Fish Tax	$1,699		
	Local Raw Fish Tax	$1,853		
	Other State Taxes (corporate income, ASMI, property, licenses, etc.)	$1,223		
	SUB-TOTAL	$4,776	$4,776	3%
Fish (Ex-Vessel Value of Purchases)				
Cod	Salt/Dry	0		
	Bone/Skin	0		
	Head	0		
	Optic	0		
	Dogfish	0		
	Misc. Shellfish	0		
Crawfish	Tails	0		
	Split/Cut	$1,000		
	Roasted	0		
	Scallop	$1,179		
	Misc. Crawfish	0		
Salmon	Chinook	0		
	Sockeye	0		
	Coho	0		
	Pink	0		
	Chum	0		
Herring	Spawn-on-Kelp	0		
	Food/Bait	0		
	Re-Sale	0		
Other	Halibut	0		
	Sablefish	0		
	Scrap	0		
	SUB-TOTAL	$2,179	$2,179	0%
	TOTAL DIRECT EXPENDITURES	$131,425	$131,425	75%
	AVERAGE DIRECT EXPENDITURES PER PROCESSOR	$43,808		
	TOTAL ECONOMIC IMPACT (1.5 percent of GSP)	$175,233		

Table 8-3
Economic Impact of the Shoreside Processing Industry on the Prince William Sound during the Second Quarter, 1993

Employment	Avg. Number of Employees/Month		356		Percent of Total
	Total Processing Payroll		1,994,046		
	Fringe benefits, workers comp., etc. (20% of payroll)		398,709		
	Airfare		97,787		
	SUB-TOTAL		2,490,839	2,490,839	11%
Purchases	Commodities		220,156		
	Services		234,872		
	Electric		407,099		
	Water		46,568		
	Sewer		29,086		
	Phones		33,759		
	Trash Removal		8,760		
	Other		42,249		
	SUB-TOTAL		1,026,210	1,026,210	4%
Taxes	State Raw Fish Tax		109,159		
	Local Raw Fish Tax		294,096		
	Other State Taxes (corporate income, ASMI, property, licenses, etc.)		106,039		
	SUB-TOTAL		1,010,294	1,010,294	4%
Fish (Ex-Vessel Value of Purchases)					
Cod		Bait King	0		
		Brown/Blue	0		
		Dusky	0		
		Opilio	0		
		Tanner	186,340		
		Misc. Shellfish	0		
Groundfish		Pollock	159		
		Pacific Cod	314,822		
		Flounder	0		
		Rockfish	36,319		
		Misc. Groundfish	0		
Salmon		Chinook	370,857		
		Sockeye	9,156,677		
		Coho	940,277		
		Pink	359,836		
		Chum	2,402,361		
Herring		Spawn-on-Kelp	0		
		Food/Bait	239,149		
		Sac Roe	472,151		
Other		Halibut/Sablefish	4,340,155		
		Skates	971,673		
		Shrimp	0		
		SUB-TOTAL	19,605,966	19,605,966	81%
		TOTAL DIRECT EXPENDITURES		24,344,781	100%
		AVERAGE DIRECT EXPENDITURES PER PERSON PER SEASON			

TOTAL ECONOMIC IMPACT (2.5 generated for every $1 spent directly) 61,861,953

Table 8-4
Economic Impact of the Shoreside Processing Industry on the Prince William Sound during the Third Quarter, 1993

					Percent of Total
Employment		Avg. Number of Employees/Month	964		
		Total Processing Payroll	7,405,830		
		Fringe benefits, workers comp., etc. (30% of payroll)	2,201,649		
		Airfare	73,207		
		SUB TOTAL	9,808,734	9,808,734	38%
Purchases		Consumables	608,551		
		Services	598,032		
		Electric	402,606		
		Water	74,977		
		Sewer	27,556		
		Phone	20,015		
		Trash Removal	15,252		
		Other	42,500		
		SUB TOTAL	1,587,849	1,587,849	6%
Taxes		State Raw Fish Tax	365,269		
		Local Raw Fish Tax	202,927		
		Other State Taxes (corporate income, AVMF, property, licenses, etc.)	135,285		
		SUB TOTAL	703,481	703,481	3%
Fish (Ex-Vessel Value of Purchases)					
	Cod	Red King	-		
		Brown/Blue	-		
		Baird	-		
		Opilio	-		
		Dungeness	68,343		
		Misc. Shellfish	-		
	Groundfish	Pollock	-		
		Pacific Cod	27,455		
		Flounders	-		
		Rockfish	-		
		Misc. Groundfish	-		
	Salmon	Chinook	570,857		
		Sockeye	5,923,455		
		Coho	2,241,508		
		Pink	2,788,431		
		Chum	2,405,581		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Sablefish	1,860,234		
		Halibut	242,918		
		Shrimp	-		
		SUB TOTAL	15,526,487	15,526,487	59%
		TOTAL DIRECT EXPENDITURES		25,626,550	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			
		TOTAL ECONOMIC IMPACT ($1.70 generated for every $1 spent directly)		44,071,270	

Table 8-5
Economic Impact of the Shoreside Processing Industry on the Prince William Sound during the Fourth Quarter, 1993

					Percent of Total
Employment		Avg. Number of Employees/Month	222		
		Total Processing Payroll	792,582		
		Fringe benefits, workers comp., etc. (30% of payroll)	237,774		
		Airfare	8,755		
		SUB-TOTAL	1,039,110	1,039,110	65%
Purchases		Consumables	48,402		
		Services	54,756		
		Electric	302,678		
		Water	45,340		
		Sewer	27,598		
		Phone	13,491		
		Trash Removal	8,042		
		Other	42,500		
		SUB-TOTAL	542,807	542,807	34%
Taxes		State Raw Fish Tax	732		
		Local Raw Fish Tax	407		
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	271		
		SUB-TOTAL	1,409	1,409	0%
Fish (Ex-Vessel Value of Purchases)					
	Crab	Red King	-		
		Brown/Blue	-		
		Baird	-		
		Opilio	-		
		Dungeness	-		
		Misc. Shellfish	-		
	Groundfish	Pollock	-		
		Pacific Cod	27,103		
		Flounders	-		
		Rockfish	-		
		Misc. Groundfish	-		
	Salmon	Chinook	-		
		Sockeye	-		
		Coho	-		
		Pink	-		
		Chum	-		
	Herring	Spawn-on-Kelp	-		
		Food/Bait	-		
		Sac Roe	-		
	Other	Sablefish	-		
		Halibut	-		
		Shrimp	-		
		SUB-TOTAL	27,103	27,103	2%
		TOTAL DIRECT EXPENDITURES		1,610,429	100%
		AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED			
		TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)		4,026,074	

Table 8-6
1993 Purchases of Fish and Shellfish in the Prince William Sound by the Shoreside Processing Industry (by quarter, in pounds)

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Red King	-	-	-	-	-
Brown/Blue	-	-	-	-	-
Bairdi	-	-	-	-	-
Opilio	-	-	-	-	-
Dungeness	-	197,631	197,631	-	395,263
Misc. Shellfish	-	-	-	-	-
Pollock	-	1,874	-	-	1,874
Pacific Cod	1,505,709	1,204,567	150,571	150,571	3,011,417
Flounders	-	-	-	-	-
Rockfish	40,939	27,293	-	-	68,232
Misc. Groundfish	-	-	-	-	-
Chinook	-	337,574	337,574	-	675,147
Sockeye	-	7,412,694	3,176,869	-	10,589,563
Coho	-	689,271	2,757,082	-	3,446,353
Pink	-	1,648,009	14,832,077	-	16,480,086
Chum	-	3,731,804	3,731,804	-	7,463,607
Spawn-on-Kelp	-	-	-	-	-
Food/Bait	-	2,174,081	-	-	2,174,081
Sac Roe	-	2,059,776	-	-	2,059,776
Sablefish	-	1,696,854	424,214	-	2,121,068
Halibut	-	831,200	207,800	-	1,039,000
Shrimp	-	-	-	-	-
Total	1,546,648	22,012,627	25,815,621	150,571	49,525,467
	3%	44%	52%	0%	100%

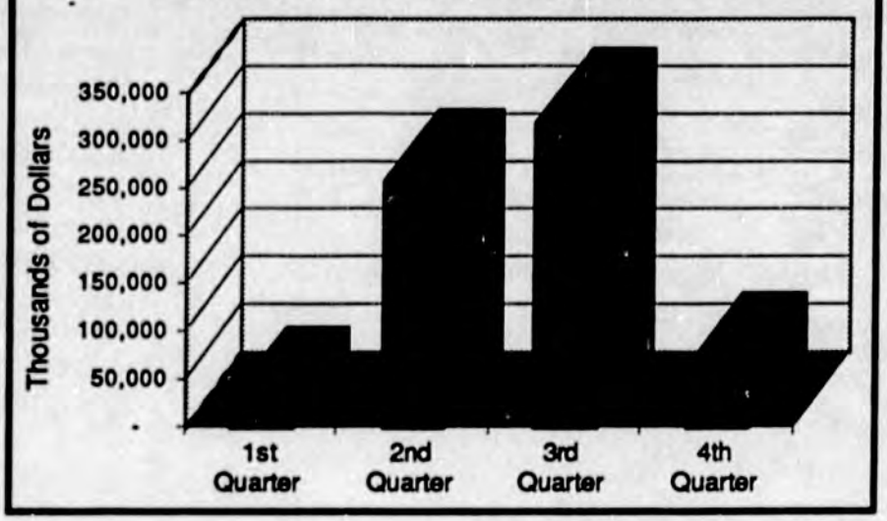
Chapter 9

Impacts in Southeast Alaska

9.1 Introduction

Tables 9-1 through 9-4 display the annual and quarterly economic impact of the shoreside seafood processing industry in Southeast Alaska during 1993. The total impact was $672 million, of which $269 million were direct expenditures. Of this amount, $184 million was spent on purchases of fish and shellfish, $60 million was spent on labor, $11.6 million was spent on purchases of goods and services, and $12.4 million was spent on tax related items. Figure 9-1 shows the direct expenditures by quarter, while Figure 9-2 shows the direct expenditures from each category as a percent of the total.

Figure 9-1
Distribution of Direct Expenditures by Shoreside Processing Industry in Southeast Alaska during 1993

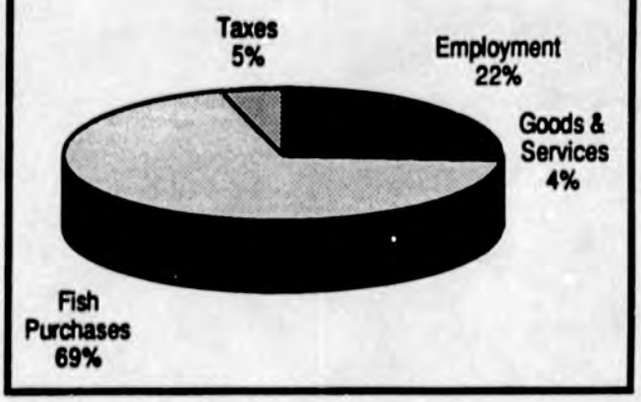


On an annual basis, shoreside seafood processing companies spent $0.80 for every pound of fish and shellfish processed during 1993.

9.2 Purchases of Fish and Shellfish

Table 9-6 shows the poundage of fish and shellfish purchased by quarter in Southeast Alaska during 1993; for ex-vessel expenditures by the shoreside processing industry by species and quarter during 1993, see the "Fish Purchases" categories of Tables 9-1 through 9-5 for detailed information. Figures 9-3 and 9-4 display the percentage distribution of fish and shellfish purchased by the shoreside processors during 1993 by major species group in pounds purchased and value respectively.

Figure 9-2
Percent Distribution of Expenditures by Shoreside Processing Industry in Southeast Alaska during 1993



During 1993, 336 million pounds of fish and shellfish were purchased in the region. The dominant species consisted of pink salmon (169 million pounds), followed by chum salmon (55.5 million pounds), coho salmon (22 million pounds), sac roe herring (21.9 million pounds), sockeye salmon (18.7 million pounds), sablefish (17.8 million pounds), and halibut (12.7 million pounds). On a quarterly basis, 2% (6 million pounds) was processed in the first quarter, 30% (100 million

Figure 9-3
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Southeast Alaska during 1993 (in percent of total pounds)

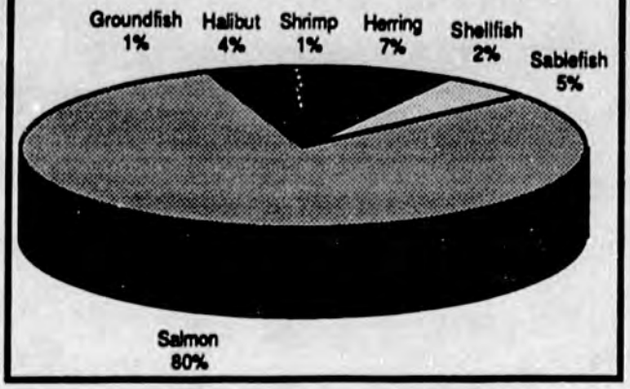
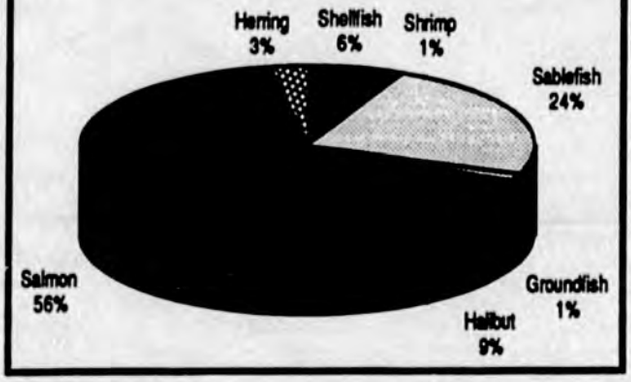


Figure 9-4
Distribution of Fish & Shellfish by Major Species Category Purchased by the Shoreside Processing Industry in Southeast Alaska during 1993 (in percent of total value)



pounds) in the second quarter, 67% (225 million pounds) in the third quarter, and 1% (4.5 million pounds) in the fourth quarter.

In terms of ex-vessel values, sablefish generated the greatest overall revenue ((($44.5 million). followed by pink salmon ($28.8 million), chum salmon ($26 million), coho salmon ($23 million), sockeye salmon ($17.2 million), and halibut ($15.8 million).

9.3 Employment

An average of 1,553 individuals per month were employed in Southeast Alaska by the shoreside processing industry during 1993. Employment fluctuated through the year, with the first and the fourth quarters generating the lowest average employment (626 and 940 respectively). During the second and third quarters, employment opportunity was significantly greater with 1,410 and 3,234 direct jobs available. Total wages and benefits paid to employees during the year were $60 million.

9.4 Purchases of Goods and Services

A total of $11.6 million in goods and services were purchased by the shoreside seafood processing companies in Southeast Alaska during 1993. On a quarterly basis, the expenditures consisted of $1.7 million for the first quarter, $3 million for the second quarter, $4.6 million for the third quarter, and $2.2 million for the fourth quarter.

By category, the expenditures consisted of $6.4 million for consumables, $2.3 million for services, $2 million for electricity, $368,000 for water, $81,000 for sewer services, and $291,000 for other purchases.

9.5 Fish Taxes

Purchases of fish and shellfish in Southeast Alaska by the shoreside processing industry in 1993 generated $12.4 million in state and local taxes. Of this amount, $5.3 million was paid directly to local governments through local taxes or from the state through raw fish tax revenue sharing.

Table 9-1
Economic Impact of the Shoreside Processing Industry on the Aleutians/Bering Sea Region during 1993

Employment		Peak Monthly Employment	3,497	
		Avg. Number of Employees/Month	1,553	
		Total Processing Payroll	46,111,281	
		Fringe benefits, workers comp., etc. (30% of payroll)	13,833,384	
		Airfare	414,152	
		SUB-TOTAL	60,358,817	60,358,817
Purchases		Consumables	6,440,897	
		Services	2,296,468	
		Electric	2,154,266	
		Water	367,634	
		Sewer	81,012	
		Phone	200,082	
		Trash Removal	75,694	
		Other	15,534	
		SUB-TOTAL	11,631,586	11,631,586
Taxes		State Raw Fish Tax	4,977,053	
		Local Raw Fish Tax	2,765,029	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	4,700,496	
		SUB-TOTAL	12,442,577	12,442,577
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	1,060,504	
		Brown/Blue	465,415	
		Bairdi	2,829,276	
		Opilio	-	
		Dungeness	3,212,388	
		Misc. Shellfish	3,112,611	
	Groundfish	Pollock	78,198	
		Pacific Cod	100,040	
		Flounders	681	
		Rockfish	2,267,624	
		Misc. Groundfish	-	
	Salmon	Chinook	8,371,570	
		Sockeye	17,206,254	
		Coho	22,968,406	
		Pink	28,799,678	
		Chum	26,178,727	
	Herring	Spawn-on-Kelp	417,371	
		Food/Bait	8,800	
		Sac Roe	4,784,441	
	Other	Sablefish	44,545,266	
		Halibut	15,799,773	
		Shrimp	2,128,255	
		SUB-TOTAL	184,335,279	184,335,279
			TOTAL DIRECT EXPENDITURES	268,768,260
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED	
			TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)	671,920,650

Table 9-2
Economic Impact of the Shoreside Processing Industry on the Southeast Alaska during the First Quarter, 1993

Employment		Avg. Number of Employees/Month	626	
		Total Processing Payroll	2,158,388	
		Fringe benefits, workers comp., etc. (30% of payroll)	647,516	
		Airfare	5,037	
		SUB-TOTAL	2,810,942	2,810,942
Purchases		Consumables	929,670	
		Services	320,290	
		Electric	370,009	
		Water	69,021	
		Sewer	16,365	
		Phone	26,947	
		Trash Removal	9,189	
		Other	-	
		SUB-TOTAL	1,741,491	1,741,491
Taxes		State Raw Fish Tax	169,742	
		Local Raw Fish Tax	94,301	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	62,868	
		SUB-TOTAL	326,911	326,911
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	-	
		Brown/Blue	232,707	
		Bairdi	2,829,276	
		Opilio	-	
		Dungeness	-	
		Misc. Shellfish	778,153	
	Groundfish	Pollock	-	
		Pacific Cod	25,010	
		Flounders	-	
		Rockfish	566,906	
		Misc. Groundfish	-	
	Salmon	Chinook	837,157	
		Sockeye	-	
		Coho	-	
		Pink	-	
		Chum	-	
	Herring	Spawn-on-Kelp	-	
		Food/Bait	7,040	
		Sac Roe	478,444	
	Other	Sablefish	-	
		Halibut	-	
		Shrimp	532,064	
		SUB-TOTAL	6,286,757	6,286,757
			TOTAL DIRECT EXPENDITURES	11,166,102
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED	
			TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)	27,915,254

Table 9-3
Economic Impact of the Shoreside Processing Industry on the Southeast Alaska during the Second Quarter, 1993

Employment		Avg. Number of Employees/Month	1,410	
		Total Processing Payroll	4,539,076	
		Fringe benefits, workers comp., etc. (30% of payroll)	1,361,723	
		Airfare	157,224	
		SUB-TOTAL	6,058,023	6,058,023
Purchases		Consumables	1,858,947	
		Services	597,250	
		Electric	452,384	
		Water	74,874	
		Sewer	16,618	
		Phone	45,983	
		Trash Removal	10,782	
		Other	6,214	
		SUB-TOTAL	3,063,053	3,063,053
Taxes		State Raw Fish Tax	2,394,965	
		Local Raw Fish Tax	1,330,536	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	887,024	
		SUB-TOTAL	4,612,525	4,612,525
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	-	
		Brown/Blue	-	
		Bairdi	-	
		Opilio	-	
		Dungeness	1,070,796	
		Misc. Shellfish	778,153	
	Groundfish	Pollock	78,198	
		Pacific Cod	25,010	
		Flounders	681	
		Rockfish	340,144	
		Misc. Groundfish	-	
	Salmon	Chinook	3,348,628	
		Sockeye	12,044,378	
		Coho	2,296,841	
		Pink	2,879,968	
		Chum	7,853,618	
	Herring	Spawn-on-Kelp	417,371	
		Food/Bait	-	
		Sac Roe	4,305,997	
	Other	Sablefish	40,090,739	
		Halibut	12,639,818	
		Shrimp	532,064	
		SUB-TOTAL	88,702,404	88,702,404
			TOTAL DIRECT EXPENDITURES	102,436,005
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED	
			TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)	256,090,012

Table 9-4
Economic Impact of the Shoreside Processing Industry on the Southeast Alaska during the Third Quarter, 1993

Employment		Avg. Number of Employees/Month	3,234	
		Total Processing Payroll	27,561,105	
		Fringe benefits, workers comp., etc. (30% of payroll)	8,268,331	
		Airfare	208,982	
		SUB-TOTAL	36,038,418	36,038,418
Purchases		Consumables	2,676,945	
		Services	946,520	
		Electric	745,902	
		Water	120,074	
		Sewer	22,618	
		Phone	93,586	
		Trash Removal	35,317	
		Other	5,437	
		SUB-TOTAL	4,646,398	4,646,398
Taxes		State Raw Fish Tax	2,233,558	
		Local Raw Fish Tax	1,240,865	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	827,244	
		SUB-TOTAL	4,301,667	4,301,667
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	-	
		Brown/Blue	-	
		Baird	-	
		Opilio	-	
		Dungeness	1,376,738	
		Misc. Shellfish	778,153	
	Groundfish	Pollock	-	
		Pacific Cod	25,010	
		Flounders	-	
		Rockfish	226,762	
		Misc. Groundfish	-	
	Salmon	Chinook	2,092,892	
		Sockeye	5,161,876	
		Coho	20,671,565	
		Pink	25,919,710	
		Chum	18,325,109	
	Herring	Spawn-on-Kelp	-	
		Food/Bait	-	
		Sac Roe	-	
	Other	Sablefish	4,454,527	
		Halibut	3,159,955	
		Shrimp	532,064	
		SUB-TOTAL	82,724,361	82,724,361
			TOTAL DIRECT EXPENDITURES	127,710,844
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED	
			TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)	319,277,111

Table 9-5
Economic Impact of the Shoreside Processing Industry on the Southeast Alaska during the Fourth Quarter, 1993

Employment		Avg. Number of Employees/Month	940	
		Total Processing Payroll	11,852,712	
		Fringe benefits, workers comp., etc. (30% of payroll)	3,555,813	
		Airfare	42,908	
		SUB-TOTAL	15,451,433	15,451,433
Purchases		Consumables	973,334	
		Services	432,408	
		Electric	585,971	
		Water	103,667	
		Sewer	25,431	
		Phone	33,565	
		Trash Removal	20,405	
		Other	3,864	
		SUB-TOTAL	2,180,645	2,180,645
Taxes		State Raw Fish Tax	178,787	
		Local Raw Fish Tax	99,326	
		Other State Taxes (corporate income, ASMI, property, licenses, etc.)	66,218	
		SUB-TOTAL	344,331	344,331
Fish (Ex-Vessel Value of Purchase)				
	Crab	Red King	1,060,504	
		Brown/Blue	232,707	
		Baird	-	
		Opilio	-	
		Dungeness	764,854	
		Misc. Shellfish	778,153	
	Groundfish	Pollock	-	
		Pacific Cod	25,037	
		Flounders	-	
		Rockfish	1,133,812	
		Misc. Groundfish	-	
	Salmon	Chinook	2,092,892	
		Sockeye	-	
		Coho	-	
		Pink	-	
		Chum	-	
	Herring	Spawn on Kelp	-	
		Food/Bait	1,760	
		Sac Roe	-	
	Other	Sablefish	-	
		Halibut	-	
		Shrimp	332,064	
		SUB-TOTAL	6,621,757	6,621,757
			TOTAL DIRECT EXPENDITURES	24,598,166
			AVERAGE DIRECT EXPENDITURE PER POUND PROCESSED	
			TOTAL ECONOMIC IMPACT ($1.50 generated for every $1 spent directly)	41,497,415

Table 9-6
1993 Purchases of Fish and Shellfish in the Southeast Alaska by the Shoreside Processing Industry (by quarter, in pounds)

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Red King	-	-	-	[illegible]	[illegible]
Brown/Blue	[illegible]	-	-	[illegible]	[illegible]
Baird	[illegible]	-	-	-	[illegible]
Opilio	[illegible]	[illegible]	-	-	[illegible]
Dungeness	-	[illegible]	[illegible]	[illegible]	[illegible]
Misc. Shellfish	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pollock	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pacific Cod	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Flounders	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rockfish	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Misc. Groundfish	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chinook	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sockeye	-	[illegible]	[illegible]	-	[illegible]
Coho	-	[illegible]	[illegible]	-	[illegible]
Pink	-	[illegible]	[illegible]	-	[illegible]
Chum	-	[illegible]	[illegible]	-	[illegible]
Spawn-on-Kelp	-	[illegible]	-	-	[illegible]
Food/Bait	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Soc Roe	[illegible]	[illegible]	-	-	[illegible]
Sablefish	-	[illegible]	[illegible]	-	[illegible]
Halibut	-	[illegible]	[illegible]	-	[illegible]
Shrimp	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	27%	26%	46%	4%	100%
					[illegible]
					[illegible]