

# **INTERIM UPDATE OF PROCESSING SECTOR PROFILES IN THE GROUNDFISH FISHERIES**

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*and the*

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*Prepared by*

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# 1 Processors

This interim update of the “Sector and Regional Profiles of the North Pacific Groundfish Fisheries” focuses on processors. Two separate documents focusing on catcher vessels and regions are also available at this web site. These sector profiles were originally included in Appendix I of the Alaska Groundfish Fisheries Draft Programmatic Supplemental Environmental Impact Statement published by the National Marine Fisheries Services-Alaska Region (NMFS-AKR) in January 2001. The original release contained fishery data up through 1998, while this interim update adds data for 1999 and 2000.

Because of the high level of interest in the public release of current data—in part due to the effects of management measures to reduce impacts of the groundfish fisheries on Steller sea lions—this interim update is being made available in an expedited manner and does not contain detailed explanatory text. A fully documented version of the updated sector profiles is scheduled for release in September 2001. It is assumed that users of this interim update can refer to the original Sector Profiles for additional documentation. A copy of the original Sector Profiles is available electronically at the following NMFS-AKR web site: <http://www.fakr.noaa.gov/sustainablefisheries/seis/default.htm>.

A catcher processor uses various gears to catch fish and process them into products onboard the vessel. Five catcher processor classes were defined for this document. These definitions are based on the predominant product type or gear type associated with these vessels. These classes are mutually exclusive. The acronyms and associated definitions are shown in Table 1.

**Table 1.1-1. Catcher Processor Acronyms and Definitions**

Acronym	Description
ST-CP	<b>Surimi Trawl Catcher Processor.</b> These factory trawlers have the necessary processing equipment to produce surimi from pollock and other groundfish. They are generally the largest of all catcher processors.
FT-CP	<b>Fillet Trawl Catcher Processor.</b> These trawl vessels have the processing equipment to produce fillets from pollock, Pacific cod, and other groundfish. They are generally smaller than ST-CPs.
HT-CP	<b>Head And Gut Trawl Catcher Processor.</b> These factory trawlers do not process more than an incidental amount of fillets. Generally, they are limited to headed and gutted products or kiritimi. In general, they do not focus their efforts on pollock, opting instead for flatfish, Pacific cod, and Atka mackerel. HT-CPs are the smallest of the trawl catcher processors.
P-CP	<b>Pot Catcher Processor.</b> These vessels have been used primarily in the crab fisheries of the North Pacific, but increasingly are participating in the Pacific cod fisheries. They generally use pot gear, but may also use longline gear. They produce whole or headed and gutted groundfish products, some of which may be frozen in brine rather than blast frozen.
L-CP	<b>Longline Catcher Processor.</b> These vessels, also known as freezer longliners, do not trawl or use pot gear but use longline gear with a focus on Pacific cod. Most L-CPs are limited to headed and gutted products, and in general are smaller than HT-CPs.

Note: A vessel can fit into only one vessel class during any given year but may fall into a different class from year to year.

Inshore plants include traditional shorebased plants that process Alaska groundfish and several floating processors that are moored or anchored nearshore in protected bays and harbors. Seven inshore processing or mothership classes were defined for this document, primarily based on the regional location of the facilities. The Bering Sea pollock inshore plants (BSP-SP) are defined as such because

of the scale and magnitude of their groundfish operations compared to other processor classes. These classes are mutually exclusive. The acronyms and associated definitions for the six sectors are shown in Table 2.

**Table 1.1-2. Inshore Processing Sector Acronyms and Definitions**

<b>Acronym</b>	<b>Description</b>
<b>BSP-SP</b>	<b>Bering Sea Pollock Inshore Plants.</b> Includes the four major shorebased BSAI pollock processors in Dutch Harbor/Unalaska and Akutan. Also includes two inshore floating processors— <i>Arctic Enterprise</i> and <i>Northern Victor</i> —that have had substantial pollock history and function from a single location in state waters off Unalaska and Akutan Islands
<b>APAI-SP</b>	<b>Alaska Peninsula and Aleutian Islands Inshore Plants.</b> Includes all shore plants in the Aleutians East Borough and in the Aleutians West Census Area, excluding all BSP-SPs. In general, these plants are much smaller than BSP-SPs, do not have the same level of focus on BSAI pollock, and in some cases produce more salmon than groundfish. These plants are treated separately from the BSP-SPs because of these operational differences.
<b>K-SP</b>	<b>Kodiak Inshore Plants.</b> This class includes all shore plants in the Kodiak archipelago. Many of these plants focus on groundfish but also process some salmon and halibut. Others focus on salmon and halibut but also process some groundfish.
<b>SC-SP</b>	<b>Southcentral Alaska Inshore Plants.</b> This class includes all shore plants in the Kenai Peninsula Borough, the Municipality of Anchorage, the Matanuska-Susitna Borough, and the Valdez-Cordova Census Area. In general, these processors focus on salmon and halibut but also process some groundfish.
<b>SE-SP</b>	<b>Southeast Alaska Inshore Plants.</b> This class includes all shore plants in Southeast Alaska from Yakutat to Ketchikan. In general, these processors focus on salmon and halibut, but also process some groundfish, primarily high-value species such as rockfish and sablefish.
<b>MS</b>	<b>Motherships Operating in the BSAI or GOA.</b> This class includes all motherships operating in the EEZ. Currently there are only three active motherships. This class does not include floating processors that operate exclusively in state waters.
<b>FLT</b>	<b>Floating Inshore Plants.</b> This class includes all inshore floating processors.

This document contains a separate section for each processor class. Each section presents a series of tables that describe the involvement of the processor class in the groundfish fisheries. The first set of tables shows landings weight and product value by species, target fishery and trimester (January-April, May-August and September-December). A second set of tables provides estimates of employment and payments to labor in the processing sector.

The owners and employees of processors reside in communities located in regions in or out of Alaska. Table 3 identifies geographic regions that were defined specifically for this document. Processing facilities process a number of species, including both groundfish and non-groundfish. In an effort to provide a relatively uniform description of the activities of each of the types of processors and to report as much of the processing data as allowed under the rule of confidentiality, this document has aggregated the groundfish species into various groups, as shown in Table 3. Confidentiality restrictions require that any disclosure of data be aggregated to include the operations of at least three processing facilities.

**Table 3. Regional Classes and Species Aggregations**

<b>Acronym</b>	<b>Region (Boroughs, Census Areas, Municipalities, and Counties Included)</b>
AKAPAI	<b>Alaska Peninsula and Aleutian Islands Region.</b> Includes the Aleutians East Borough and the Aleutians West Census Area.
AKSC	<b>Southcentral Alaska Region.</b> Includes Valdez-Cordova Census Area, Kenai Peninsula Borough, Matanuska-Susitna Borough, and the Municipality of Anchorage.
AKKO	<b>Kodiak Region.</b> Includes the Kodiak Island Borough and other parts of the Kodiak archipelago.
AKSE	<b>Southeast Alaska Region.</b> Includes Yakutat Borough, Skagway-Hoonah-Angoon Borough, Haines Borough, City and Borough of Juneau, City and Borough of Sitka, Wrangell-Petersburg Census Area, Prince of Wales-Outer Ketchikan Census Area, and Ketchikan Gateway Borough.
WAIW	<b>Washington Inland Waters Region.</b> All counties bordering Puget Sound and the Strait of Juan de Fuca, including Clallum, Island, Jefferson, King, Kitsap, Mason, Pierce, San Juan, Skagit, Snohomish, Thurston, and Whatcom.
ORCO	<b>Oregon Coast Region.</b> Counties bordering the Northern Oregon coast including Lincoln, Tillamook, and Clatsop.
OTHER	Includes all other boroughs, census areas, municipalities and counties in the United States.
<b>Acronym</b>	<b>Species Aggregation</b>
ARSO	Atka mackerel, all rockfish species, sablefish, and other groundfish
FLAT	ALL FLATFISH SPECIES (EXCLUDES HALIBUT, NOT A GROUND FISH)
PCOD	Pacific cod
PLCK	pollock
GFSH	all groundfish species, including PLCK, PCOD, FLAT, and ARSO
non-GFSH	all non-groundfish species harvested in Alaska commercial fisheries, including salmon, crab, halibut, and herring
OTAM	other groundfish and Atka mackerel combined
OTHR	other groundfish
SABL	sablefish
AMCK	Atka mackerel
CRAB	crab
ROCK	all rockfish
HALB	halibut
HERR	herring
SALM	salmon
Other	all other species

### 1.1 Surimi Trawl Catcher Processors (ST-CP)

These factory trawlers have the necessary processing equipment to produce surimi from pollock and other groundfish. They are generally the largest of all catcher processors.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.1-1. Number of Surimi Trawl Catcher Processors by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	20	20	20	20	20
1993	18	18	18	18	18
1994	20	20	20	20	20
1995	20	20	20	20	20
1996	18	18	18	18	18
1997	16	16	16	16	16
1998	16	16	16	16	16
1999	12	12	12	12	12
2000	11	11	11	11	11

Source: NMFS Weekly Production Reports, June 2001

**Table 1.1-2. Tons of Groundfish Reported by Surimi Trawl Catcher Processors by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	17.27	20.68	11.71	620.24	669.90
1993	5.52	18.36	6.68	483.40	513.95
1994	16.31	30.60	10.35	543.88	601.14
1995	15.59	34.32	16.07	520.18	586.15
1996	14.60	48.47	7.45	436.85	507.36
1997	17.89	32.43	4.21	426.20	480.73
1998	12.36	25.10	6.55	408.53	452.53
1999	2.59	14.00	3.23	333.77	353.59
2000	5.91	10.76	1.14	394.74	412.55

Source: NMFS Blend Data, June 2001

**Table 1.1-3. Wholesale Production Value for Surimi Trawl Catcher Processors by Species, 1992-2000**

Year	Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	5.15	4.54	4.27	383.46	397.42
1993	0.44	6.76	2.21	190.61	200.03
1994	2.33	9.61	2.17	243.37	257.48
1995	2.63	13.39	3.49	331.82	351.33
1996	1.54	11.85	0.55	232.97	246.91
1997	2.89	8.84	0.28	247.06	259.07
1998	0.82	5.89	2.59	208.08	217.37
1999	0.19	2.37	2.11	272.76	277.44
2000	0.02	1.94	0.18	319.30	321.43

Source: NMFS Weekly Production Reports, June 2001



**Table 1.1-4. Wholesale Value for Roundweight Harvest by Species by Surimi Trawl Catcher Processors, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton
1992	0.17	373.30	0.09	188.10	0.17	364.31	0.28	618.25
1993	0.06	136.64	0.15	327.61	0.15	331.75	0.18	394.32
1994	0.08	182.47	0.13	281.39	0.10	209.65	0.20	447.47
1995	0.09	205.31	0.16	361.01	0.10	217.19	0.29	637.90
1996	0.07	143.75	0.10	226.43	0.03	73.55	0.24	533.29
1997	0.09	202.85	0.11	245.07	0.03	66.46	0.26	579.67
1998	0.04	85.76	0.10	211.06	0.18	394.82	0.23	509.33
1999	0.05	111.93	0.07	159.06	0.30	655.12	0.37	817.22
2000	0.00	4.66	0.07	145.53	0.07	159.78	0.37	808.89

Source: NMFS Blend Data and WPR, June 2001

**Table 1.1-5. Wholesale Production Value for Surimi Trawl Catcher Processors by Product Type, 1992-2000**

Year	Total Value (\$Millions)					
	Fillets	H&G/Whole	Roe Products	Other	Surimi	Total
1992	18.59	8.33	106.54	11.01	252.95	397.42
1993	23.52	7.35	67.41	7.86	93.89	200.03
1994	24.39	10.19	62.45	8.29	152.16	257.48
1995	27.80	13.10	108.55	9.76	192.11	351.33
1996	25.79	12.29	81.70	8.15	118.98	246.91
1997	10.44	9.12	77.00	6.77	155.74	259.07
1998	42.38	6.49	39.62	9.78	119.10	217.37
1999	72.07	2.27	67.00	10.41	125.68	277.44
2000	67.94	1.48	75.02	11.25	165.74	321.43
Total	312.92	70.62	685.29	83.29	1,376.36	2,528.48

Source: NMFS Weekly Production Reports, June 2001

**Table 1.1-6. Tons of Groundfish Reported by Surimi Trawl Catcher Processors by FMP Subarea, 1992-2000**

Year	Thousands of Tons			
	AI	BS	GOA	Total
1992	45.41	620.96	3.52	669.90
1993	32.71	480.91	0.33	513.95
1994	49.33	551.80	a	601.14
1995	53.62	531.98	0.55	586.15
1996	24.74	481.80	0.83	507.36
1997	26.09	454.64	a	480.73
1998	23.71	428.82	0.00	452.53
1999	1.58	352.01	a	353.59
2000	0.00	412.55	0.00	412.55

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from BS to protect the confidentiality of the small number of ST-CPs that reported deliveries from this subarea during the year.

**Table 1.1-7. Wholesale Production Value of Groundfish by Surimi Trawl Catcher Processors by FMP Subarea, 1992-2000**

Year	\$Million			
	AI	BS	GOA	Total
1992	31.70	363.46	2.26	397.42
1993	17.94	181.94	0.15	200.03
1994	22.75	234.72	a	257.48
1995	38.85	312.12	0.35	351.33
1996	13.07	233.50	0.33	246.91
1997	13.01	246.06	a	259.07
1998	9.65	207.72	0.00	217.37
1999	0.81	276.63	a	277.44
2000	0.00	321.43	0.00	321.43

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in BS to protect the confidentiality of the small number of ST-CPs that reported deliveries from this subarea during the year.

**Table 1.1-8. Wholesale Value of All Products from Top Three Target Fisheries by Surimi Trawl Catcher Processors, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)	
	PLCK	All Target Total
1992	384.39	397.42
1993	190.91	200.03
1994	243.63	257.48
1995	331.22	351.33
1996	232.87	246.91
1997	246.70	259.07
1998	207.58	217.37
1999	272.31	277.44
2000	318.53	321.43

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.1-9. Landings of Target Species in Target Fisheries by Surimi Trawl Catcher Processors by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
PCOD	1992	3.54	0.00	0.00	3.54
	1993	2.11	0.01	0.00	2.12
	1994	1.97	0.03	0.22	2.22
	1995	3.51	0.00	0.48	3.99
	1996	a	a	a	a
	1997	0.23	0.09	0.00	0.32
	1998	3.13	0.01	0.00	3.14
	1999	1.81	0.00	0.00	1.81
	2000	a	a	a	a
	PLCK	1992	283.73	280.31	52.58
1993		219.22	80.53	179.66	479.41
1994		255.55	116.15	164.38	536.08
1995		258.99	71.28	182.01	512.28
1996		209.74	6.39	216.03	432.17
1997		201.26	22.93	198.69	422.89
1998		204.97	11.25	188.36	404.57
1999		141.29	81.08	109.80	332.17
2000		158.15	101.57	133.80	393.52

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.1-10. Wholesale Value of Products from Target Species by Surimi Trawl Catcher Processors by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
PCOD	1992	2.11	0.00	0.00	2.11
	1993	1.25	0.01	0.00	1.26
	1994	0.86	0.00	0.08	0.93
	1995	1.80	0.00	0.19	1.99
	1996	a	a	a	a
	1997	0.06	0.02	0.00	0.08
	1998	1.31	0.00	0.00	1.31
	1999	1.25	0.00	0.00	1.25
	2000	a	a	a	a
	PLCK	1992	233.06	124.65	24.67
1993		122.83	20.87	46.31	190.00
1994		148.94	38.28	55.51	242.74
1995		220.63	30.70	78.93	330.26
1996		154.24	2.24	76.01	232.50
1997		159.16	9.38	78.05	246.59
1998		124.22	4.68	77.74	206.64
1999		153.82	50.01	67.66	271.49
2000		172.65	62.91	82.61	318.17

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.1-11. Processing Summary of Surimi Trawl Catcher Processors, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	669.90	119.17	0.18	397.42	593
1993	513.95	95.55	0.19	200.03	389
1994	601.14	120.21	0.20	257.48	428
1995	586.15	125.72	0.21	351.33	599
1996	507.36	115.72	0.23	246.91	487
1997	480.73	103.19	0.21	259.07	539
1998	452.53	98.26	0.22	217.37	480
1999	353.59	92.96	0.26	277.44	785
2000	412.55	107.53	0.26	321.43	779

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.1-12. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Surimi Trawl Catcher Processors, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment	Average Vessel Crew Size
1992	1,590	20	80	104
1993	1,431	18	80	104
1994	1,590	20	80	97
1995	1,835	20	92	103
1996	1,816	18	101	107
1997	1,338	16	84	104
1998	1,501	16	94	106
1999	1,277	12	106	108
2000	1,310	11	119	108

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for vessels were estimated using NMFS Observer Data (June 2001) on the number of crew when the vessel was operating fishing? These data were adjusted to account for the longer work days on vessels (16-hour days for STP, FTP, MS, and FLT, and 12-hour days for other processing vessel classes), assuming an average of 6 work days per week (to account for partial weeks), and dividing by 52 weeks in year.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

Average vessel crew size is derived from NMFS Observer Data

## 1.2 Fillet Trawl Catcher Processors (FT-CP)

These trawl vessels have the processing equipment to produce fillets from pollock, Pacific cod, and other groundfish. They are generally smaller than ST-CPs.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.2-1. Number of Fillet Trawl Catcher Processors by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	18	18	18	18	18
1993	22	22	22	22	22
1994	15	15	15	15	15
1995	13	13	13	13	13
1996	14	14	14	14	14
1997	13	13	13	13	13
1998	12	12	12	12	12
1999	4	4	4	4	4
2000	4	4	4	4	4

Source: NMFS Weekly Production Reports, June 2001

**Table 1.2-2. Tons of Groundfish Reported by Fillet Trawl Catcher Processors by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	48.38	58.48	37.64	205.49	349.99
1993	58.52	34.68	30.64	298.43	422.28
1994	18.08	26.61	20.52	240.46	305.67
1995	10.23	17.90	24.02	224.85	276.99
1996	9.57	13.88	26.38	214.25	264.08
1997	9.20	22.47	27.16	184.02	242.85
1998	6.40	3.18	17.69	194.56	221.83
1999	0.77	0.54	9.85	79.80	90.96
2000	1.93	0.48	4.38	88.03	94.81

Source: NMFS Blend Data, June 2001

**Table 1.2-3. Wholesale Production Value for Fillet Trawl Catcher Processors by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	19.77	25.39	22.39	104.04	171.60
1993	23.17	24.86	14.97	108.63	171.62
1994	3.63	19.86	6.86	95.37	125.72
1995	2.50	9.52	11.50	105.37	128.89
1996	3.28	7.14	11.16	115.41	136.99
1997	1.52	8.77	14.80	97.00	122.09
1998	1.94	0.63	11.93	104.11	118.60
1999	0.00	0.00	6.84	62.11	68.95
2000	0.00	0.05	3.86	76.66	80.56

Source: NMFS Weekly Production Reports, June 2001

**Table 1.2-4. Wholesale Value for Roundweight Harvest by Species by Fillet Trawl Catcher Processors, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton
1992	0.29	644.42	0.15	333.35	0.27	594.81	0.23	506.32
1993	0.28	612.45	0.20	448.88	0.22	488.54	0.17	364.00
1994	0.26	583.94	0.23	516.19	0.15	334.05	0.18	396.62
1995	0.26	572.74	0.18	400.67	0.22	479.02	0.21	468.60
1996	0.24	539.95	0.19	410.89	0.19	423.19	0.24	538.66
1997	0.19	423.90	0.14	312.46	0.25	545.04	0.24	527.09
1998	0.19	422.46	0.06	126.45	0.31	674.18	0.24	535.08
1999	0.00	0.21	0.00	2.09	0.31	693.71	0.35	778.37
2000	0.00	0.00	0.02	38.49	0.40	881.31	0.40	870.84

Source: NMFS Blend Data and WPR, June 2001

**Table 2. Wholesale Production Value for Fillet Trawl Catcher Processors by Product Type, 1992-2000**

Year	Total Value (\$Millions)					
	Fillets	H&G/Whole	Roe Products	Other	Surimi	Total
1992	72.63	39.95	47.03	12.00	0.00	171.60
1993	75.13	38.96	44.25	13.29	a	171.62
1994	71.19	15.30	30.75	8.48	0.00	125.72
1995	75.61	11.49	35.13	6.66	0.00	128.89
1996	84.90	9.06	30.54	12.49	0.00	136.99
1997	70.27	9.56	34.71	7.55	0.00	122.09
1998	84.33	2.74	16.60	14.48	0.44	118.60
1999	49.26	0.13	12.96	6.60	0.00	68.95
2000	51.63	a	17.94	10.99	a	80.56
Total	634.95	127.24	269.92	86.96	5.97	1,125.03

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of Other to protect the confidentiality of the small number of FT-CPs that reported producing this product during the year.

**Table 1.2-5. Tons of Groundfish Reported by Fillet Trawl Catcher Processors by FMP Subarea, 1992-2000**

Year	Thousands of Tons			
	AI	BS	GOA	Total
1992	29.11	308.51	12.37	349.99
1993	41.26	367.38	13.64	422.28
1994	12.36	289.55	3.77	305.67
1995	11.54	258.73	6.73	276.99
1996	13.79	241.06	9.23	264.08
1997	21.25	217.24	4.35	242.85
1998	16.45	200.67	4.71	221.83
1999	9.06	81.91	0.00	90.96
2000	a	94.80	0.00	94.81

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from BS to protect the confidentiality of the small number of FT-CPs that reported deliveries from this subarea during the year.

**Table 1.2-6. Wholesale Production Value of Groundfish by Fillet Trawl Catcher Processors by FMP Subarea, 1992-2000**

Year	\$Million			
	AI	BS	GOA	Total
1992	22.69	143.16	5.75	171.60
1993	27.25	136.33	8.05	171.62
1994	5.58	116.77	3.37	125.72
1995	7.29	116.24	5.36	128.89
1996	7.28	123.57	6.14	136.99
1997	12.65	106.32	3.13	122.09
1998	10.51	105.41	2.69	118.60
1999	6.02	62.93	0.00	68.95
2000	a	80.56	0.00	80.56

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in BS to protect the confidentiality of the small number of FT-CPs that reported deliveries from this subarea during the year.

**Table 1.2-7. Wholesale Value of All Products from Top Three Target Fisheries by Fillet Trawl Catcher Processors, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)			
	PLCK	PCOD	FLAT	All Target Total
1992	108.01	20.30	23.54	171.60
1993	109.62	14.14	24.18	171.62
1994	95.21	7.15	20.31	125.72
1995	104.81	11.83	10.03	128.89
1996	115.94	11.57	6.47	136.99
1997	97.02	14.35	9.32	122.09
1998	104.66	10.96	a	a
1999	62.16	6.80	a	a
2000	76.65	3.78	a	a

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.



**Table 1.2-8. Landings of Target Species in Target Fisheries by Fillet Trawl Catcher Processors by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
<b>FLAT</b>	1992	12.24	31.41	14.48	58.14
	1993	16.13	16.17	9.59	41.89
	1994	12.97	4.99	15.17	33.14
	1995	11.80	4.09	2.14	18.03
	1996	8.71	2.36	0.00	11.07
	1997	12.54	8.82	3.60	24.96
	1998	a	a	a	a
	1999	a	a	a	a
	2000	a	a	a	a
	<b>PCOD</b>	1992	17.18	5.03	0.71
1993		19.09	0.63	0.08	19.80
1994		11.55	0.51	0.00	12.06
1995		17.34	0.00	0.00	17.34
1996		21.26	0.00	0.00	21.26
1997		23.39	0.01	0.00	23.40
1998		15.85	0.00	0.00	15.85
1999		9.51	0.00	0.00	9.51
2000		4.12	0.00	0.00	4.12
<b>PLCK</b>		1992	81.01	88.34	23.33
	1993	104.01	57.80	118.54	280.36
	1994	99.03	47.21	80.87	227.11
	1995	102.98	39.09	75.15	217.22
	1996	91.38	21.28	97.05	209.71
	1997	98.41	6.76	74.70	179.87
	1998	83.75	11.54	98.10	193.39
	1999	32.65	17.29	29.47	79.41
	2000	35.87	26.03	25.67	87.57

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.2-9. Wholesale Value of Products from Target Species by Fillet Trawl Catcher Processors by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
<b>FLAT</b>	1992	7.91	8.68	4.73	21.32
	1993	11.17	6.82	4.83	22.82
	1994	10.82	2.05	6.23	19.10
	1995	6.91	1.44	0.75	9.10
	1996	5.16	0.84	0.00	6.00
	1997	5.21	2.22	1.30	8.73
	1998	a	a	a	a
	1999	a	a	a	a
	2000	a	a	a	a
	<b>PCOD</b>	1992	12.51	3.93	0.53
1993		12.42	0.40	0.06	12.88
1994		5.30	0.24	0.00	5.54
1995		10.55	0.00	0.00	10.55
1996		10.72	0.00	0.00	10.72
1997		14.06	0.00	0.00	14.06
1998		10.80	0.00	0.00	10.80
1999		6.60	0.00	0.00	6.60
2000		3.64	0.00	0.00	3.64
<b>PLCK</b>		1992	65.09	28.74	9.22
	1993	58.79	16.10	32.72	107.61
	1994	52.33	15.31	26.46	94.09
	1995	66.01	13.22	25.16	104.39
	1996	66.21	8.95	39.99	115.15
	1997	68.88	2.52	25.38	96.77
	1998	53.92	5.14	44.66	103.72
	1999	32.64	10.85	18.43	61.92
	2000	41.56	17.57	17.33	76.47

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.2-10. Processing Summary of Fillet Trawl Catcher Processors, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	349.99	70.90	0.20	171.60	490
1993	422.28	87.74	0.21	171.62	406
1994	305.67	57.91	0.19	125.72	411
1995	276.99	49.48	0.18	128.89	465
1996	264.08	53.05	0.20	136.99	519
1997	242.85	47.66	0.20	122.09	503
1998	221.83	44.16	0.20	118.60	535
1999	90.96	20.74	0.23	68.95	758
2000	94.81	25.66	0.27	80.56	850

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.2-11. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Fillet Trawl Catcher Processors, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment	Average Vessel Crew Size
1992	1,466	18	81	75
1993	1,792	22	81	75
1994	1,059	15	71	69
1995	1,159	13	89	77
1996	1,369	14	98	75
1997	953	13	73	76
1998	1,035	12	86	76
1999	328	4	82	79
2000	345	4	86	86

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for vessels were estimated using NMFS Observer Data (June 2001) on the number of crew when the vessel was operating fishing? These data were adjusted to account for the longer work days on vessels (16-hour days for STP, FTP, MS, and FLT, and 12-hour days for other processing vessel classes), assuming an average of 6 work days per week (to account for partial weeks), and dividing by 52 weeks in year.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

Average vessel crew size is derived from NMFS Observer Data

### 1.3 Head and Gut Trawl Catcher Processors (HT-CP)

These factory trawlers do not process more than an incidental amount of fillets. Generally, they are limited to headed and gutted products or kirimi. In general, they do not focus their efforts on pollock,

opting instead for flatfish, Pacific cod, and Atka mackerel. HT-CPs are the smallest of the trawl catcher processors.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.3-1. Number of Head and Gut Trawl Catcher Processors by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	28	28	28	28	28
1993	25	25	25	25	25
1994	25	25	25	25	25
1995	32	32	32	32	32
1996	28	28	28	28	28
1997	28	28	28	28	28
1998	23	23	23	23	23
1999	24	24	24	24	24
2000	24	24	24	24	24

Source: NMFS Weekly Production Reports, June 2001

**Table 1.3-2. Tons of Groundfish Reported by Head and Gut Trawl Catcher Processors by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	106.64	114.23	23.47	30.68	275.02
1993	124.03	106.58	27.25	40.04	297.91
1994	134.57	135.59	29.71	49.84	349.70
1995	146.99	114.24	38.28	39.88	339.38
1996	169.42	127.36	31.96	38.53	367.27
1997	139.99	171.38	31.76	38.78	381.91
1998	107.12	135.98	30.53	24.32	297.94
1999	133.39	108.17	28.14	29.36	299.06
2000	129.12	138.28	31.15	31.92	330.47

Source: NMFS Blend Data, June 2001

**Table 1.3-3. Wholesale Production Value for Head and Gut Trawl Catcher Processors by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	57.32	59.49	13.97	8.93	139.72
1993	58.82	63.84	10.25	4.59	137.49
1994	48.28	91.61	11.99	3.65	155.52
1995	69.55	88.40	12.85	4.02	174.82
1996	87.40	92.50	14.49	3.23	197.62
1997	52.82	93.77	12.49	2.21	161.30
1998	27.87	63.09	25.96	4.80	121.72
1999	40.53	59.14	33.59	5.25	138.51
2000	33.30	72.04	38.25	7.92	151.50

Source: NMFS Weekly Production Reports, June 2001

**Table 1.3-4. Wholesale Value for Roundweight Harvest by Species by Head and Gut Trawl Catcher Processors, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton
1992	0.33	730.96	0.19	417.66	0.27	595.36	0.13	291.11
1993	0.30	662.80	0.20	449.99	0.17	376.00	0.05	114.57
1994	0.23	503.55	0.24	525.63	0.18	403.54	0.03	73.20
1995	0.29	639.88	0.26	579.53	0.15	335.73	0.05	100.83
1996	0.29	642.50	0.26	575.44	0.21	453.36	0.04	83.81
1997	0.27	588.85	0.19	423.04	0.18	393.23	0.03	57.06
1998	0.16	346.03	0.18	388.09	0.39	850.49	0.09	197.48
1999	0.19	411.83	0.19	413.10	0.54	1,193.87	0.08	178.91
2000	0.18	391.25	0.18	395.18	0.56	1,227.83	0.11	248.13

Source: NMFS Blend Data and WPR, June 2001

**Table 3. Wholesale Production Value for Head and Gut Trawl Catcher Processors by Product Type, 1992-2000**

HTP Year	Total Value (\$Millions)					
	Fillets	H&G/Whole	Roe Products	Other	Surimi	Total
1992	2.18	112.17	24.71	0.66	0.00	139.72
1993	0.27	116.73	20.03	0.46	0.00	137.49
1994	1.09	116.58	37.45	0.40	0.00	155.52
1995	0.61	144.92	28.63	0.65	0.00	174.82
1996	0.07	167.83	29.41	0.32	0.00	197.62
1997	0.04	136.10	24.99	0.17	0.00	161.30
1998	0.04	105.44	15.88	0.36	a	121.72
1999	0.13	120.01	18.15	0.22	0.00	138.51
2000	0.05	130.30	20.90	0.25	0.00	151.50
Total	4.48	1,150.08	220.16	3.50	0.00	1,378.21

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of Other to protect the confidentiality of the small number of HT-CPs that reported producing this product during the year.

**Table 1.3-5. Tons of Groundfish Reported by Head and Gut Trawl Catcher Processors by FMP Subarea, 1992-2000**

Year	Thousands of Tons					
	AI	BS	WG	CG	EG	Total
1992	39.38	182.13	18.38	28.79	6.34	275.02
1993	71.31	191.60	8.28	26.72	a	297.91
1994	78.24	233.25	5.99	29.09	3.13	349.70
1995	91.87	211.42	4.44	27.91	3.75	339.38
1996	126.32	201.05	6.28	30.01	3.60	367.27
1997	71.57	282.18	5.72	18.96	3.49	381.91
1998	68.35	202.80	5.25	19.84	1.71	297.94
1999	79.19	189.10	7.14	21.64	1.99	299.06
2000	71.37	222.61	11.03	245.45	a	330.47

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from CG to protect the confidentiality of the small number of HT-CPs that reported deliveries from this subarea during the year.

**Table 1.3-6. Wholesale Production Value of Groundfish by Head and Gut Trawl Catcher Processors by FMP Subarea, 1992-2000**

Year	\$Million					
	29.85	74.28	104.12	9.80	19.33	6.47
1992	47.08	69.18	116.27	5.25	15.98	a
1993	38.06	96.28	134.34	3.91	15.15	2.13
1994	55.76	93.65	149.42	3.39	18.18	3.83
1995	81.86	88.96	170.82	4.16	19.21	3.43
1996	43.69	101.70	145.39	2.97	10.13	2.81
1997	26.78	77.83	104.60	2.72	13.40	1.00
1998	35.47	79.92	115.39	5.08	16.16	1.88
1999	34.36	92.30	126.66	7.42	17.42	a
2000	29.85	74.28	104.12	9.80	19.33	6.47

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in CG to protect the confidentiality of the small number of HT-CPs that reported deliveries from this subarea during the year.

**Table 1.3-7. Wholesale Value of All Products from Top Three Target Fisheries by Head and Gut Trawl Catcher Processors, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)			
	FLAT	AMCK	ROCK	All Target Total
1992	63.11	21.27	26.41	139.72
1993	67.44	35.68	18.40	137.49
1994	98.00	29.91	17.98	155.52
1995	89.32	43.88	25.89	174.82
1996	93.60	72.33	19.68	197.62
1997	96.90	35.57	17.05	161.30
1998	78.04	21.27	9.31	121.72
1999	71.86	25.73	17.26	138.51
2000	92.58	23.58	10.79	151.50

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.3-8. Landings of Target Species in Target Fisheries by Head and Gut Trawl Catcher Processors by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
<b>AMCK</b>	1992	20.99	0.06	0.05	21.11
	1993	24.94	3.15	14.29	42.37
	1994	31.68	20.82	0.52	53.01
	1995	56.61	12.52	0.16	69.30
	1996	51.80	40.23	0.71	92.73
	1997	51.36	0.00	0.00	51.36
	1998	31.30	5.97	9.67	46.94
	1999	22.06	2.06	28.50	52.62
	2000	29.21	3.62	13.66	46.48
	<b>FLAT</b>	1992	22.32	66.45	43.01
1993		33.13	56.15	45.65	134.93
1994		54.05	49.70	59.67	163.43
1995		56.92	43.14	39.84	139.91
1996		44.59	65.81	40.07	150.47
1997		54.60	74.38	78.01	206.99
1998		52.05	52.21	47.00	151.27
1999		53.44	52.07	24.23	129.74
2000		72.56	50.58	44.86	168.00
<b>PCOD</b>		1992	8.07	1.72	0.31
	1993	6.15	0.49	0.11	6.75
	1994	3.58	0.32	0.59	4.50
	1995	13.70	0.03	0.44	14.17
	1996	4.55	0.55	0.80	5.90
	1997	7.53	1.78	0.50	9.81
	1998	4.26	3.04	1.74	9.04
	1999	11.01	1.16	0.90	13.08
	2000	11.98	1.88	0.17	14.03
	<b>PLCK</b>	1992	5.21	4.08	0.96
1993		10.16	0.02	0.06	10.24
1994		1.52	1.18	0.83	3.53
1995		2.01	1.78	2.25	6.03
1996		0.13	0.01	3.98	4.12
1997		1.20	0.05	1.08	2.33
1998		0.25	0.01	2.38	2.65
1999		0.10	2.19	0.03	2.32
2000		0.82	0.12	1.29	2.23
<b>ROCK</b>		1992	10.39	9.25	2.82
	1993	7.97	11.57	0.75	20.29
	1994	8.34	11.31	1.52	21.16
	1995	8.98	9.56	4.98	23.52
	1996	10.80	8.53	2.61	21.94
	1997	9.52	10.66	0.03	20.21
	1998	0.00	16.22	0.11	16.33
	1999	0.05	25.58	0.04	25.67
	2000	0.00	17.23	0.24	17.47

Source: NMFS Blend Data and WPR Data, June 2001.



**Table 1.3-9. Wholesale Value of Products from Target Species by Head and Gut Trawl Catcher Processors by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
<b>AMCK</b>	1992	19.06	0.01	0.06	19.13
	1993	20.75	2.83	10.12	33.70
	1994	14.78	10.47	0.26	25.52
	1995	33.16	7.84	0.12	41.12
	1996	35.63	29.07	0.59	65.29
	1997	32.63	0.00	0.00	32.63
	1998	10.95	2.28	3.83	17.06
	1999	9.22	0.89	11.73	21.84
	2000	12.29	1.56	5.84	19.69
	<b>FLAT</b>	1992	20.86	20.63	14.93
1993		22.80	19.36	18.99	61.15
1994		42.82	19.48	25.37	87.67
1995		40.98	20.20	19.55	80.73
1996		40.27	25.99	18.68	84.94
1997		32.28	24.43	30.82	87.54
1998		28.87	15.79	14.25	58.92
1999		28.69	16.79	7.55	53.02
2000		31.76	21.36	13.39	66.51
<b>PCOD</b>		1992	5.90	1.36	0.23
	1993	3.93	0.26	0.05	4.24
	1994	2.05	0.14	0.35	2.54
	1995	5.88	0.01	0.20	6.09
	1996	2.71	0.31	0.56	3.58
	1997	3.61	0.90	0.21	4.72
	1998	3.71	2.55	1.50	7.76
	1999	13.89	1.43	1.10	16.42
	2000	15.21	2.28	0.21	17.70
	<b>PLCK</b>	1992	5.86	0.85	0.26
1993		4.05	0.00	0.01	4.05
1994		1.41	0.37	0.29	2.07
1995		1.16	0.61	0.86	2.63
1996		0.05	0.00	2.36	2.40
1997		0.80	0.00	0.38	1.19
1998		0.10	0.00	0.56	0.66
1999		0.01	0.69	0.01	0.71
2000		0.50	0.04	0.42	0.95
<b>ROCK</b>		1992	9.16	8.88	2.58
	1993	5.93	7.75	0.50	14.17
	1994	5.24	7.02	0.94	13.20
	1995	9.12	8.10	3.62	20.84
	1996	6.73	5.72	1.77	14.22
	1997	6.55	6.45	0.02	13.01
	1998	0.00	7.00	0.05	7.05
	1999	0.01	13.14	0.02	13.16
	2000	0.00	8.07	0.11	8.18

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.3-10. Processing Summary of Head and Gut Trawl Catcher Processors, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	275.02	93.72	0.34	139.72	508
1993	297.91	102.69	0.34	137.49	462
1994	349.70	110.09	0.31	155.52	445
1995	339.38	117.68	0.35	174.82	515
1996	367.27	133.59	0.36	197.62	538
1997	381.91	140.98	0.37	161.30	422
1998	297.94	121.11	0.41	121.72	409
1999	299.06	114.23	0.38	138.51	463
2000	330.47	120.40	0.36	151.50	458

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.3-11. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Head and Gut Trawl Catcher Processors, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment	Average Vessel Crew Size
1992	859	28	31	34
1993	767	25	31	34
1994	981	25	39	35
1995	995	32	31	34
1996	1,326	28	47	33
1997	1,318	28	47	35
1998	1,168	23	51	33
1999	1,245	24	52	35
2000	1,089	24	45	37

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for vessels were estimated using NMFS Observer Data (June 2001) on the number of crew when the vessel was operating fishing? These data were adjusted to account for the longer work days on vessels (16-hour days for STP, FTP, MS, and FLT, and 12-hour days for other processing vessel classes), assuming an average of 6 work days per week (to account for partial weeks), and dividing by 52 weeks in year.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

Average vessel crew size is derived from NMFS Observer Data

## 1.4 Pot Catcher Processors (P-CP)

These vessels have been used primarily in the crab fisheries of the North Pacific, but increasingly are participating in the Pacific cod fisheries. They generally use pot gear, but may also use longline gear. They produce whole or headed and gutted groundfish products, some of which may be frozen in brine rather than blast frozen.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.4-1. Number of Pot Catcher Processors by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	14	13	14	8	14
1993	2	1	2	1	2
1994	3	2	3	3	3
1995	6	5	6	5	6
1996	9	8	9	8	9
1997	7	6	7	6	7
1998	5	4	5	3	5
1999	9	8	9	4	9
2000	10	6	10	5	10

Source: NMFS Weekly Production Reports, June 2001

**Table 1.4-2. Tons of Groundfish Reported by Pot Catcher Processors by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	0.42	0.01	8.85	0.00	9.28
1993	a	a	a	a	a
1994	0.05	b	1.67	0.00	1.72
1995	0.10	0.02	4.74	0.00	4.86
1996	0.14	0.07	7.83	0.01	8.04
1997	0.04	0.03	4.44	0.03	4.55
1998	0.04	0.08	3.41	0.00	3.53
1999	0.11	0.04	7.42	0.01	7.57
2000	0.07	0.06	3.73	0.01	3.86

Source: NMFS Blend Data, June 2001

<sup>a</sup> Tons have been hidden to protect the confidentiality of the small number of P-CPs that reported processing these species during the year.

<sup>b</sup> Combined with tons of PLCK to protect the confidentiality of the small number of P-CPs that reported processing these species during the year.

**Table 1.4-3. Wholesale Production Value for Pot Catcher Processors by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	0.06	0.00	6.44	0.00	6.51
1993	0.00	0.00	0.39	0.00	0.39
1994	0.00	0.00	1.25	0.00	1.25
1995	0.00	0.00	2.93	0.00	2.93
1996	0.00	0.00	6.52	0.00	6.52
1997	0.01	0.00	3.16	0.00	3.17
1998	0.00	0.00	3.34	0.00	3.35
1999	0.02	0.00	9.34	0.00	9.36
2000	0.00	0.00	4.87	0.00	4.87

Source: NMFS Weekly Production Reports, June 2001

**Table 1.4-4. Wholesale Value for Roundweight Harvest by Species by Pot Catcher Processors, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton
1992	0.07	147.43	0.00	0.00	0.33	727.91	0.00	0.00
1993	0.28	607.00	0.00	0.00	0.34	742.83	0.00	0.00
1994	0.00	0.00	0.00	0.00	0.34	746.05	0.00	0.00
1995	0.00	0.00	0.00	0.00	0.28	618.52	0.00	0.00
1996	0.01	14.60	0.00	0.00	0.38	832.18	0.00	0.00
1997	0.09	205.57	0.00	0.00	0.32	710.70	0.00	0.00
1998	0.00	0.00	0.02	48.91	0.44	979.45	0.00	0.00
1999	0.09	205.69	0.00	0.00	0.57	1,258.70	0.00	4.23
2000	0.00	0.00	0.00	0.00	0.59	1,306.50	0.00	0.00

Source: NMFS Blend Data and WPR, June 2001

**Table 4. Wholesale Production Value for Pot Catcher Processors by Product Type, 1992-2000**

Year	Total Value (\$Millions)				
	Fillets	H&G/Whole	Roe Products	Other	Total
1992	a	6.44	0.00	0.07	6.51
1993	0.00	0.39	0.00	0.00	0.39
1994	0.00	1.25	b	b	1.25
1995	0.00	2.73	0.00	0.20	2.93
1996	0.00	4.38	0.00	2.14	6.52
1997	0.00	2.85	0.00	0.32	3.17
1998	0.00	3.35	0.00	b	3.35
1999	0.00	9.36	0.00	b	9.36
2000	0.00	4.22	0.10	0.55	4.87
Total	0.03	33.98	0.10	4.23	38.34

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of Other to protect the confidentiality of the small number of P-CPs that reported producing this product during the year.

<sup>b</sup> Combined with value of H&G/Whole to protect the confidentiality of the small number of P-CPs that reported producing this product during the year.

**Table 1.4-5. Tons of Groundfish Reported by Pot Catcher Processors by FMP Subarea, 1992-2000**

Year	Thousands of Tons		
	BSAI	GOA	Total
1992	9.17	0.10	9.28
1993	0.53	0.00	0.53
1994	1.73	a	1.72
1995	4.86	a	4.86
1996	8.04	0.00	8.04
1997	4.55	0.00	4.55
1998	3.53	a	3.53
1999	3.56	4.01	7.57
2000	2.90	0.96	3.86

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from BSAI to protect the confidentiality of the small number of P-CPs that reported deliveries from this subarea during the year.

**Table 1.4-6. Wholesale Production Value of Groundfish by Pot Catcher Processors by FMP Subarea, 1992-2000**

Year	\$Million		
	BSAI	GOA	Total
1992	6.43	0.08	6.51
1993	0.39	0.00	0.39
1994	1.25	a	1.25
1995	2.93	a	2.93
1996	6.52	0.07	6.52
1997	3.17	0.00	3.17
1998	3.35	a	3.35
1999	4.31	5.05	9.36
2000	3.63	1.24	4.87

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in BSAI to protect the confidentiality of the small number of P-CPs that reported deliveries from this subarea during the year.

**Table 1.4-7. Wholesale Value of All Products from Top Three Target Fisheries by Pot Catcher Processors, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)	
	PCOD	All Target Total
1992	6.51	6.51
1993	a	a
1994	1.25	1.25
1995	2.93	2.93
1996	6.52	6.52
1997	3.17	3.17
1998	3.35	3.35
1999	9.36	9.36
2000	4.87	4.87

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.4-8. Landings of Target Species in Target Fisheries by Pot Catcher Processors by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
PCOD	1992	0.10	8.26	0.50	8.85
	1993	a	a	a	a
	1994	0.93	0.26	0.48	1.67
	1995	1.28	2.97	0.49	4.74
	1996	1.80	5.00	1.02	7.82
	1997	0.90	2.35	1.19	4.44
	1998	0.44	2.24	0.74	3.41
	1999	0.55	5.33	1.53	7.42
	2000	3.37	0.20	0.15	3.73

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.4-9. Wholesale Value of Products from Target Species by Pot Catcher Processors by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
PCOD	1992	0.07	6.01	0.36	6.44
	1993	a	a	a	a
	1994	0.70	0.20	0.36	1.25
	1995	0.79	1.84	0.30	2.93
	1996	1.47	4.18	0.86	6.52
	1997	0.64	1.67	0.85	3.16
	1998	0.43	2.19	0.73	3.34
	1999	0.70	6.72	1.92	9.34
	2000	4.41	0.26	0.20	4.87

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.4-10. Processing Summary of Pot Catcher Processors, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	9.28	3.78	0.41	6.51	701
1993	0.53	0.29	0.55	0.39	740
1994	1.72	0.75	0.43	1.25	726
1995	4.86	2.21	0.46	2.93	603
1996	8.04	3.74	0.47	6.52	811
1997	4.55	2.19	0.48	3.17	696
1998	3.53	1.49	0.42	3.35	947
1999	7.57	3.57	0.47	9.36	1,236
2000	3.86	1.81	0.47	4.87	1,259

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.4-11. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Pot Catcher Processors, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment	Average Vessel Crew Size
1992	19	14	1	11
1993	3	2	1	11
1994	8	3	3	10
1995	36	6	6	10
1996	68	9	8	10
1997	39	7	6	11
1998	33	5	7	14
1999	62	9	7	13
2000	40	10	4	13

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for vessels were estimated using NMFS Observer Data (June 2001) on the number of crew when the vessel was operating fishing? These data were adjusted to account for the longer work days on vessels (16-hour days for STP, FTP, MS, and FLT, and 12-hour days for other processing vessel classes), assuming an average of 6 work days per week (to account for partial weeks), and dividing by 52 weeks in year.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

Average vessel crew size is derived from NMFS Observer Data



## 1.5 Longline Catcher Processors (L-CP)

These vessels, also known as freezer longliners, do not trawl or use pot gear but use longline gear with a focus on Pacific cod. Most L-CPs are limited to headed and gutted products, and in general are smaller than HT-CPs.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.5-1. Number of Longline Catcher Processors by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	56	56	55	49	56
1993	53	53	52	46	53
1994	52	52	51	42	53
1995	47	46	46	42	47
1996	43	43	40	38	43
1997	42	42	38	37	42
1998	42	42	39	37	42
1999	39	39	39	36	39
2000	41	41	40	40	41

Source: NMFS Weekly Production Reports, June 2001

**Table 1.5-2. Tons of Groundfish Reported by Longline Catcher Processors by Species, 1992-2000**

Year	Thousands of Tons species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	15.87	3.53	105.15	3.16	127.72
1993	15.70	8.41	69.73	2.16	95.99
1994	15.53	4.09	87.44	2.91	109.97
1995	14.98	5.67	106.95	3.36	130.96
1996	11.90	6.94	100.97	2.92	122.73
1997	16.30	8.37	128.66	4.51	157.85
1998	17.42	9.57	103.38	3.31	133.68
1999	17.08	5.91	95.49	3.93	122.40
2000	20.33	7.53	102.07	4.84	134.78

Source: NMFS Blend Data, June 2001

**Table 1.5-3. Wholesale Production Value for Longline Catcher Processors by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	13.72	0.36	82.69	0.04	96.80
1993	19.12	8.66	47.38	0.15	75.31
1994	15.65	0.97	66.09	0.25	82.96
1995	14.16	4.42	70.69	0.50	89.77
1996	12.19	6.52	74.08	0.16	92.95
1997	11.71	7.36	73.98	0.24	93.30
1998	8.00	7.97	91.40	0.70	108.07
1999	9.99	6.28	113.85	0.94	131.05
2000	10.90	7.37	121.55	1.07	140.89

Source: NMFS Weekly Production Reports, June 2001

**Table 1.5-4. Wholesale Value for Roundweight Harvest by Species by Longline Catcher Processors, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton
1992	0.39	865.94	0.05	100.61	0.36	786.35	0.01	11.67
1993	0.55	1,219.35	0.47	1,026.88	0.31	679.48	0.03	70.32
1994	0.46	1,009.59	0.11	236.56	0.34	755.83	0.04	87.07
1995	0.43	948.15	0.35	774.04	0.30	660.93	0.07	149.88
1996	0.47	1,029.61	0.42	931.55	0.33	733.75	0.02	53.27
1997	0.33	720.32	0.40	874.87	0.26	575.03	0.02	52.45
1998	0.21	460.37	0.38	829.00	0.40	884.09	0.10	211.31
1999	0.27	586.85	0.48	1,051.19	0.54	1,192.33	0.11	239.23
2000	0.24	536.83	0.44	973.94	0.54	1,190.85	0.10	221.52

Source: NMFS Blend Data and WPR, June 2001

**Table 5. Wholesale Production Value for Longline Catcher Processors by Product Type, 1992-2000**

Year	Total Value (\$Millions)					
	Fillets	H&G/Whole	Roe Products	Other	Surimi	Total
1992	a	94.82	1.25	0.73	0.00	96.80
1993	0.35	72.47	1.29	1.20	0.00	75.31
1994	a	79.24	0.88	2.84	0.00	82.96
1995	0.12	85.63	1.34	2.68	b	89.77
1996	0.00	88.27	2.13	2.55	0.00	92.95
1997	a	89.93	1.66	1.71	0.00	93.30
1998	0.53	104.46	1.50	1.57	0.00	108.07
1999	a	127.03	1.95	2.07	0.00	131.05
2000	a	135.90	1.57	3.41	0.00	140.89
Total	2.38	877.75	13.58	17.29	0.09	911.10

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of Other to protect the confidentiality of the small number of L-CPs that reported producing this product during the year.

<sup>b</sup> Combined with value of Fillets to protect the confidentiality of the small number of L-CPs that reported producing this product during the year.

**Table 1.5-5. Tons of Groundfish Reported by Longline Catcher Processors by FMP Subarea, 1992-2000**

Year	Thousands of Tons					
	AI	BS	WG	CG	EG	Total
1992	24.56	91.12	7.51	3.38	1.15	127.72
1993	21.73	64.39	6.18	2.80	0.90	95.99
1994	10.35	91.91	4.08	2.92	0.71	109.97
1995	6.11	115.90	7.21	1.13	0.61	130.96
1996	7.75	107.48	5.49	1.55	0.46	122.73
1997	9.15	142.57	4.91	0.83	0.39	157.85
1998	16.96	111.34	3.98	0.99	0.41	133.68
1999	11.63	101.40	7.27	1.78	0.33	122.40
2000	20.38	105.38	6.79	1.73	0.49	134.78

Source: NMFS Blend Data, June 2000

**Table 1.5-6. Wholesale Production Value of Groundfish by Longline Catcher Processors by FMP Subarea, 1992-2000**

Year	\$Million					
	AI	BS	WG	CG	EG	Total
1992	21.04	60.64	7.95	4.45	2.73	96.80
1993	17.95	42.68	5.53	6.61	2.53	75.31
1994	10.79	59.69	3.69	6.69	2.11	82.96
1995	5.99	69.72	7.59	4.09	2.38	89.77
1996	7.27	73.32	6.54	3.92	1.90	92.95
1997	6.32	76.29	5.29	3.73	1.67	93.30
1998	13.99	84.92	5.15	2.75	1.25	108.07
1999	12.55	104.50	9.19	3.71	1.10	131.05
2000	22.24	105.37	8.72	3.40	1.16	140.89

Source: NMFS Blend Data, June 2000

**Table 1.5-7. Wholesale Value of All Products from Top Three Target Fisheries by Longline Catcher Processors, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)			
	PCOD	SABL	FLAT	All Target Total
1992	84.34	12.04	0.18	96.80
1993	48.24	16.72	10.01	75.31
1994	67.47	14.31	1.06	82.96
1995	71.76	13.36	4.39	89.77
1996	75.25	11.22	6.46	92.95
1997	75.13	10.79	7.36	93.30
1998	92.54	6.70	8.77	108.07
1999	115.23	8.91	6.86	131.05
2000	123.05	9.42	8.30	140.89

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.5-8. Landings of Target Species in Target Fisheries by Longline Catcher Processors by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
<b>FLAT</b>	1992	0.00	0.05	0.03	0.07
	1993	0.01	5.92	0.00	5.92
	1994	0.00	0.84	0.00	0.84
	1995	0.02	2.18	0.14	2.34
	1996	0.00	3.26	0.02	3.28
	1997	0.00	4.39	0.00	4.39
	1998	0.00	6.17	0.54	6.71
	1999	0.00	1.79	2.07	3.85
	2000	0.04	4.75	0.00	4.79
	<b>PCOD</b>	1992	48.55	48.98	7.34
1993		61.89	7.38	0.03	69.29
1994		59.18	6.21	21.77	87.16
1995		72.08	4.69	29.92	106.69
1996		68.35	4.82	27.51	100.68
1997		72.77	9.47	46.27	128.52
1998		61.37	6.45	35.37	103.19
1999		63.70	5.89	25.70	95.29
2000		53.40	3.30	45.13	101.83
<b>ROCK</b>		1992	0.00	0.09	0.00
	1993	0.07	0.02	0.00	0.09
	1994	0.00	0.01	0.00	0.01
	1995	0.01	0.00	0.00	0.01
	1996	0.00	0.00	0.00	0.01
	1997	0.00	0.01	0.00	0.01
	1998	0.00	0.02	0.00	0.02
	1999	0.00	0.00	0.00	0.01
	2000	0.00	0.01	0.00	0.01
	<b>SABL</b>	1992	0.57	2.30	0.15
1993		0.58	3.59	0.41	4.58
1994		0.48	3.01	0.41	3.90
1995		0.24	1.77	0.75	2.77
1996		0.31	1.53	0.21	2.05
1997		0.12	1.66	0.18	1.95
1998		0.08	1.37	0.20	1.64
1999		0.11	1.56	0.18	1.86
2000		0.62	1.13	0.05	1.79

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.5-9. Wholesale Value of Products from Target Species by Longline Catcher Processors by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
<b>FLAT</b>	1992	0.00	0.05	0.01	0.06
	1993	0.00	8.07	0.00	8.08
	1994	0.00	0.63	0.00	0.63
	1995	0.02	3.70	0.14	3.86
	1996	0.00	5.79	0.02	5.81
	1997	0.00	6.66	0.00	6.66
	1998	0.00	6.92	0.56	7.48
	1999	0.00	2.73	3.02	5.74
	2000	0.05	6.89	0.00	6.93
	<b>PCOD</b>	1992	38.90	38.14	5.62
1993		42.31	4.90	0.02	47.23
1994		44.87	4.64	16.51	66.02
1995		47.97	3.04	19.62	70.63
1996		50.93	3.41	19.65	73.99
1997		42.62	5.28	26.03	73.93
1998		54.86	5.64	30.73	91.23
1999		76.71	6.90	30.03	113.63
2000		63.86	3.94	53.50	121.30
<b>ROCK</b>		1992	0.00	0.16	0.00
	1993	0.11	0.03	0.00	0.14
	1994	0.01	0.00	0.00	0.01
	1995	0.01	0.00	0.00	0.02
	1996	0.00	0.00	0.00	0.01
	1997	0.00	0.00	0.00	0.00
	1998	0.00	0.01	0.00	0.01
	1999	0.00	0.01	0.00	0.01
	2000	0.01	0.02	0.00	0.03
	<b>SABL</b>	1992	2.10	8.41	0.54
1993		1.91	11.59	1.36	14.87
1994		1.63	10.04	1.38	13.05
1995		1.11	7.86	3.28	12.24
1996		1.60	7.78	0.98	10.35
1997		0.59	8.68	0.91	10.18
1998		0.31	5.00	0.73	6.04
1999		0.50	6.83	0.80	8.13
2000		2.92	5.40	0.24	8.56

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.5-10. Processing Summary of Longline Catcher Processors, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	127.72	51.25	0.40	96.80	758
1993	95.99	35.34	0.37	75.31	784
1994	109.97	42.35	0.39	82.96	754
1995	130.96	50.64	0.39	89.77	685
1996	122.73	48.90	0.40	92.95	757
1997	157.85	61.22	0.39	93.30	591
1998	133.68	51.27	0.38	108.07	808
1999	122.40	48.07	0.39	131.05	1,071
2000	134.78	51.55	0.38	140.89	1,045

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.5-11. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Longline Catcher Processors, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment	Average Vessel Crew Size
1992	696	56	12	19
1993	659	53	12	19
1994	584	53	11	17
1995	738	47	16	19
1996	700	43	16	19
1997	787	42	19	20
1998	782	42	19	19
1999	719	39	18	19
2000	823	41	20	19

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for vessels were estimated using NMFS Observer Data (June 2001) on the number of crew when the vessel was operating fishing? These data were adjusted to account for the longer work days on vessels (16-hour days for STP, FTP, MS, and FLT, and 12-hour days for other processing vessel classes), assuming an average of 6 work days per week (to account for partial weeks), and dividing by 52 weeks in year.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

Average vessel crew size is derived from NMFS Observer Data

## 1.6 Bering Sea Pollock Inshore Plants (BSP-SP)

Includes the four major shorebased BSAI pollock processors in Dutch Harbor/Unalaska and Akutan. Also includes two inshore floating processors—*Arctic Enterprise* and *Northern Victor*—that have had substantial pollock history and function from a single location in state waters off Unalaska and Akutan Islands

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.6-1. Number of Bering Sea Pollock Inshore Plants by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	6	6	6	6	6
1993	6	6	6	6	6
1994	6	6	6	6	6
1995	6	6	6	6	6
1996	6	6	6	6	6
1997	6	6	6	6	6
1998	6	6	6	6	6
1999	6	6	6	6	6
2000	6	6	6	6	6

Source: NMFS Weekly Production Reports, June 2001

**Table 1.6-2. Tons of Groundfish Reported by Bering Sea Pollock Inshore Plants by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	5.30	10.19	29.27	429.51	474.27
1993	7.98	3.12	32.31	433.56	476.96
1994	7.09	13.41	41.16	431.65	493.32
1995	9.17	13.14	55.32	416.36	493.99
1996	9.41	11.89	58.59	394.56	474.45
1997	10.57	21.13	55.95	374.38	462.04
1998	5.92	4.13	39.46	368.41	417.92
1999	6.42	3.55	36.71	430.75	477.44
2000	4.22	4.89	39.99	495.13	544.23

Source: NMFS Blend Data, June 2001



**Table 1.6-3. Wholesale Production Value for Bering Sea Pollock Inshore Plants by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	5.01	3.09	32.27	297.04	337.41
1993	1.72	0.81	20.46	162.30	185.29
1994	1.38	4.33	24.89	229.22	259.82
1995	5.58	6.01	49.38	279.38	340.36
1996	2.93	2.69	51.68	229.17	286.47
1997	4.92	5.38	49.24	224.41	283.94
1998	3.00	0.92	36.59	199.21	239.72
1999	2.31	1.16	48.16	263.53	315.16
2000	3.07	1.52	52.46	333.48	390.53

Source: NMFS Weekly Production Reports, June 2001

**Table 1.6-4. Wholesale Value for Roundweight Harvest by Species by Bering Sea Pollock Inshore Plants, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton
1992	0.52	1,147.80	0.13	278.02	0.50	1,102.38	0.31	691.58
1993	0.28	614.85	0.04	97.64	0.29	633.10	0.17	374.35
1994	0.26	567.90	0.11	239.48	0.27	604.67	0.24	531.04
1995	0.73	1,613.48	0.14	319.06	0.40	892.54	0.30	671.02
1996	0.31	691.46	0.07	157.77	0.40	882.12	0.26	580.83
1997	0.55	1,203.94	0.09	194.78	0.40	880.06	0.27	599.41
1998	0.38	832.13	0.06	143.26	0.42	927.38	0.25	540.72
1999	0.45	1,002.72	0.07	151.13	0.60	1,312.00	0.28	611.79
2000	0.56	1,224.42	0.10	229.75	0.60	1,311.89	0.31	673.52

Source: NMFS Blend Data and WPR, June 2001

**Table 6. Wholesale Production Value for Bering Sea Pollock Inshore Plants by Product Type, 1992-2000**

Year	Total Value (\$Millions)					
	Filletts	H&G/Whole	Roe Products	Other	Surimi	Total
1992	39.85	7.41	43.90	37.17	209.08	337.41
1993	36.07	4.02	12.46	29.07	103.68	185.29
1994	32.53	7.59	29.12	31.32	159.25	259.82
1995	46.89	16.16	47.52	48.58	181.21	340.36
1996	58.69	8.22	41.08	52.77	125.73	286.47
1997	60.14	8.42	32.20	39.66	143.53	283.94
1998	62.35	6.76	13.49	52.08	105.04	239.72
1999	79.05	4.59	42.31	45.89	143.32	315.16
2000	97.41	8.86	60.13	47.76	176.37	390.53
Total	512.97	72.02	322.20	384.31	1,347.21	2,638.72

Source: NMFS Weekly Production Reports, June 2001

**Table 1.6-5. Tons of Groundfish Reported by Bering Sea Pollock Inshore Plants by FMP Subarea, 1992-2000**

Year	Thousands of Tons					
	AI	BS	WG	CG	EG	Total
1992	15.74	434.82	17.85	5.86	a	474.27
1993	18.05	440.29	11.97	6.66	0.00	476.96
1994	19.17	464.59	7.72	1.83	0.00	493.32
1995	19.37	455.47	18.33	0.83	0.00	493.99
1996	11.89	460.57	1.65	0.34	0.00	474.45
1997	8.72	438.76	13.46	1.10	0.00	462.04
1998	8.28	399.19	9.03	1.41	0.00	417.92
1999	0.69	473.41	2.93	0.40	0.00	477.44
2000	2.48	534.33	7.42	b	0.00	544.23

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from CG to protect the confidentiality of the small number of BSP-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with tons from WG to protect the confidentiality of the small number of BSP-SPs that reported deliveries from this subarea during the year.

**Table 1.6-6. Wholesale Production Value of Groundfish by Bering Sea Pollock Inshore Plants by FMP Subarea, 1992-2000**

Year	\$Million					
	AI	BS	WG	CG	EG	Total
1992	13.45	303.63	16.82	3.51	a	337.41
1993	8.27	170.18	4.47	2.37	0.00	185.29
1994	11.82	243.48	3.65	0.88	0.00	259.82
1995	16.65	310.38	12.65	0.68	0.00	340.36
1996	9.15	275.31	1.67	0.35	0.00	286.47
1997	7.94	266.08	9.08	0.84	0.00	283.94
1998	5.84	227.42	5.28	1.19	0.00	239.72
1999	1.46	311.04	2.37	0.30	0.00	315.16
2000	3.74	379.70	7.09	b	0.00	390.53

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in CG to protect the confidentiality of the small number of BSP-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with value in WG to protect the confidentiality of the small number of BSP-SPs that reported deliveries from this subarea during the year.

**Table 1.6-7. Wholesale Value of All Products from Top Three Target Fisheries by Bering Sea Pollock Inshore Plants, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)			
	PLCK	PCOD	FLAT	All Target Total
1992	303.95	26.75	1.94	337.41
1993	167.33	15.44	1.03	185.29
1994	230.68	23.29	4.79	259.82
1995	281.31	45.49	8.59	340.36
1996	232.35	48.01	3.38	286.47
1997	225.70	44.87	8.92	283.94
1998	199.79	36.52	1.02	239.72
1999	263.86	47.87	1.16	315.16
2000	334.88	51.34	1.31	390.53

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.6-8. Landings of Target Species in Target Fisheries by Bering Sea Pollock Inshore Plants by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
<b>FLAT</b>	1992	0.22	4.28	0.03	4.53
	1993	0.03	0.53	0.00	0.56
	1994	3.07	3.85	1.80	8.72
	1995	6.52	3.08	0.01	9.61
	1996	4.62	0.15	0.11	4.88
	1997	14.62	3.37	0.00	17.99
	1998	0.00	0.72	0.19	0.91
	1999	1.45	0.20	0.00	1.65
	2000	1.71	0.03	0.00	1.75
	<b>PCOD</b>	1992	16.31	5.09	0.09
1993		19.61	2.66	0.00	22.28
1994		31.70	2.66	2.85	37.21
1995		40.80	4.38	2.76	47.93
1996		39.64	10.84	2.74	53.22
1997		41.65	6.36	2.01	50.02
1998		31.92	5.01	0.70	37.63
1999		30.30	3.64	1.61	35.55
2000		38.03	0.03	0.02	38.09
<b>PLCK</b>		1992	140.79	173.95	106.45
	1993	181.32	63.88	175.20	420.40
	1994	185.34	56.75	176.67	418.76
	1995	195.01	62.42	146.94	404.36
	1996	180.42	3.90	197.28	381.60
	1997	170.96	4.46	179.89	355.31
	1998	165.92	6.13	191.91	363.96
	1999	164.74	124.56	132.90	422.19
	2000	190.17	118.76	180.66	489.59
	<b>SABL</b>	1992	0.14	1.14	0.00
1993		0.05	0.33	0.00	0.39
1994		0.05	0.18	0.00	0.23
1995		0.02	0.59	0.11	0.72
1996		0.01	0.37	0.02	0.41
1997		0.01	0.47	0.09	0.57
1998		0.01	0.40	0.14	0.55
1999		a	a	a	a
2000		a	a	a	a

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.6-9. Wholesale Value of Products from Target Species by Bering Sea Pollock Inshore Plants by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
<b>FLAT</b>	1992	0.02	1.74	0.01	1.77
	1993	0.00	0.71	0.00	0.71
	1994	1.23	2.00	0.71	3.93
	1995	3.28	2.38	0.01	5.68
	1996	2.03	0.22	0.05	2.30
	1997	4.11	1.09	0.00	5.19
	1998	0.00	0.50	0.11	0.61
	1999	0.83	0.16	0.00	0.99
	2000	1.12	0.03	0.00	1.15
	<b>PCOD</b>	1992	18.36	5.71	0.11
1993		13.26	1.94	0.00	15.20
1994		19.21	1.68	1.84	22.73
1995		38.06	4.22	2.78	45.06
1996		35.58	9.68	2.48	47.73
1997		36.82	5.68	1.79	44.29
1998		29.80	4.56	0.64	34.99
1999		39.87	4.72	2.10	46.69
2000		50.13	0.04	0.02	50.20
<b>PLCK</b>		1992	127.96	103.79	64.03
	1993	76.38	22.93	62.75	162.06
	1994	116.98	27.12	84.67	228.77
	1995	158.23	35.92	84.41	278.55
	1996	129.34	1.94	97.56	228.84
	1997	123.50	2.41	97.12	223.04
	1998	96.94	3.12	97.63	197.69
	1999	127.76	64.55	69.98	262.30
	2000	164.64	66.53	101.11	332.29
	<b>SABL</b>	1992	0.49	4.06	0.01
1993		0.17	1.08	0.01	1.26
1994		0.23	0.73	0.01	0.97
1995		0.12	3.69	0.71	4.52
1996		0.08	2.24	0.14	2.46
1997		0.08	3.41	0.68	4.17
1998		0.05	1.55	0.52	2.12
1999		a	a	a	a
2000		a	a	a	a

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.6-10. Processing Summary of Bering Sea Pollock Inshore Plants, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	474.27	141.02	0.30	337.41	711
1993	476.96	137.32	0.29	185.29	388
1994	493.32	160.27	0.32	259.82	527
1995	493.99	168.22	0.34	340.36	689
1996	474.45	160.50	0.34	286.47	604
1997	462.04	155.18	0.34	283.94	615
1998	417.92	144.37	0.35	239.72	574
1999	477.44	164.83	0.35	315.16	660
2000	544.23	199.68	0.37	390.53	718

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.6-11. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Bering Sea Pollock Inshore Plants, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment
1992	1,772	6	295
1993	1,642	6	274
1994	1,987	6	331
1995	2,197	6	366
1996	2,226	6	371
1997	2,099	6	350
1998	1,898	6	316
1999	2,146	6	358
2000	2,765	6	461

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for shore plants were estimated using NMFS WPR data for each year, and dividing by the amount of product per labor hour. Productivity information was taken from Northern Economics (1990 and 1994), and adjusted if necessary to reflect more recent productivity information derived from NMFS Observer Data. The product of these data was divided by 1,780 working hours per year (after vacations, holidays, sick leave, etc.) to arrive at a total groundfish FTE employment by sector.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

### 1.7 Alaska Peninsula and Aleutian Islands Inshore Plants (APAIOSP)

Includes all shore plants in the Aleutians East Borough and in the Aleutians West Census Area, excluding all BSP-SPs. In general, these plants are much smaller than BSP-SPs, do not have the same level of focus on BSAI pollock, and in some cases produce more salmon than groundfish. These plants are treated separately from the BSP-SPs because of these operational differences.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.7-1. Number of Alaska Peninsula and Aleutian Islands Inshore Plants by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	5	5	5	5	5
1993	6	6	6	5	6
1994	6	6	6	6	6
1995	6	6	6	6	6
1996	5	5	5	5	5
1997	6	6	6	6	6
1998	6	6	5	5	6
1999	8	8	8	7	8
2000	8	8	8	7	8

Source: NMFS Weekly Production Reports, June 2001

**Table 1.7-2. Tons of Groundfish Reported by Alaska Peninsula and Aleutian Islands Inshore Plants by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	1.61	1.94	26.36	12.28	42.19
1993	1.55	1.33	22.66	31.58	57.11
1994	1.21	2.64	21.82	32.59	58.25
1995	1.55	1.04	20.04	50.36	72.99
1996	1.71	1.46	31.34	39.22	73.73
1997	1.39	1.10	26.92	41.04	70.45
1998	1.36	0.71	21.79	44.60	68.47
1999	1.98	1.45	19.40	43.65	66.48
2000	1.73	0.98	16.74	26.95	46.40

Source: NMFS Blend Data, June 2001

**Table 1.7-3. Wholesale Production Value for Alaska Peninsula and Aleutian Islands Inshore Plants by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	3.38	0.00	26.77	6.40	36.54
1993	1.50	0.30	21.81	8.96	32.57
1994	1.16	0.39	16.90	13.03	31.47
1995	4.81	0.20	16.43	24.79	46.22
1996	3.59	0.11	23.98	17.49	45.16
1997	2.11	0.00	24.00	20.44	46.55
1998	2.66	0.05	21.28	19.43	43.41
1999	3.27	0.04	33.71	24.13	61.15
2000	3.81	0.09	28.02	14.80	46.71

Source: NMFS Weekly Production Reports, June 2001

**Table 1.7-4. Wholesale Value for Roundweight Harvest by Species by Alaska Peninsula and Aleutian Islands Inshore Plants, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton
1992	0.99	2,174.34	0.00	0.05	0.46	1,015.48	0.24	520.99
1993	0.68	1,496.95	0.07	159.24	0.44	962.48	0.13	283.88
1994	0.65	1,444.00	0.06	126.84	0.35	774.43	0.18	399.72
1995	1.68	3,693.77	0.07	152.44	0.37	819.72	0.22	492.24
1996	1.18	2,606.80	0.03	59.12	0.35	764.97	0.20	445.91
1997	0.98	2,161.57	0.00	1.85	0.40	891.27	0.23	498.17
1998	0.94	2,074.25	0.03	63.37	0.44	976.29	0.20	435.53
1999	0.92	2,033.64	0.01	23.82	0.79	1,737.46	0.25	552.82
2000	1.10	2,418.12	0.03	75.85	0.76	1,673.10	0.25	549.14

Source: NMFS Blend Data and WPR, June 2001



**Table 1.7-5 Wholesale Production Value for Alaska Peninsula and Aleutian Islands Inshore Plants by Product Type, 1992-2000**

Year	Total Value (\$Millions)					
	Fillets	H&G/Whole	Roe Products	Other	Surimi	Total
1992	14.10	5.81	0.79	15.85	a	36.54
1993	8.66	4.89	0.52	18.50	a	32.57
1994	16.80	2.39	a	12.29	a	31.47
1995	18.42	5.97	a	21.83	a	46.22
1996	24.70	4.33	a	16.33	a	45.16
1997	21.66	3.07	a	21.82	a	46.55
1998	22.61	3.21	a	17.58	a	43.41
1999	25.56	12.39	a	23.20	a	61.15
2000	a	9.79	3.57	33.35	a	46.71

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of Other to protect the confidentiality of the small number of APAI-SPs that reported producing this product during the year.

**Table 1.7-6. Tons of Groundfish Reported by Alaska Peninsula and Aleutian Islands Inshore Plants by FMP Subarea, 1992-2000**

Year	Thousands of Tons					
	AI	BS	WG	CG	EG	Total
1992	a	11.34	19.82	11.03	0.00	42.19
1993	a	29.13	20.24	7.75	0.00	57.11
1994	a	22.44	21.67	14.14	0.00	58.25
1995	0.27	39.51	24.91	8.30	0.00	72.99
1996	a	27.93	37.32	8.48	0.00	73.73
1997	a	19.09	51.36	b	b	70.45
1998	a	10.32	44.83	b	0.00	68.47
1999	a	21.65	36.65	8.18	0.00	66.48
2000	4.82	11.45	29.89	0.24	0.00	46.40

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from BS to protect the confidentiality of the small number of APAI-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with tons from WG to protect the confidentiality of the small number of APAI-SPs that reported deliveries from this subarea during the year.

**Table 1.7-7. Wholesale Production Value of Groundfish by Alaska Peninsula and Aleutian Islands Inshore Plants by FMP Subarea, 1992-2000**

Year	\$Million					
	AI	BS	WG	CG	EG	Total
1992	a	7.09	19.30	10.16	0.00	36.54
1993	a	12.62	13.43	6.51	0.00	32.57
1994	a	10.29	13.41	7.78	0.00	31.47
1995	0.39	22.05	18.54	5.24	0.00	46.22
1996	a	15.77	23.39	6.00	0.00	45.16
1997	a	11.39	35.16	b	b	46.55
1998	a	6.44	36.98	b	0.00	43.41
1999	a	17.23	38.83	5.08	0.00	61.15
2000	7.53	8.34	30.45	0.39	0.00	46.71

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in BS to protect the confidentiality of the small number of APAI-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with value in CG to protect the confidentiality of the small number of APAI-SPs that reported deliveries from this subarea during the year.

**Table 1.7-8. Wholesale Value of All Products from Top Three Target Fisheries by Alaska Peninsula and Aleutian Islands Inshore Plants, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)			
	PCOD	PLCK	SABL	All Target Total
1992	26.90	9.64	a	36.54
1993	21.99	10.20	a	32.57
1994	16.77	14.22	a	31.47
1995	16.14	29.72	a	46.22
1996	23.77	21.09	a	45.16
1997	23.87	22.39	a	46.55
1998	21.25	21.98	a	43.41
1999	33.55	27.08	a	61.15
2000	27.71	18.81	a	46.71

a SABL added PLCK to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.7-9. Landings of Target Species in Target Fisheries by Alaska Peninsula and Aleutian Islands Inshore Plants by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
<b>PCOD</b>	1992	26.04	0.00	0.12	26.17
	1993	22.26	0.18	0.00	22.44
	1994	19.89	1.02	0.62	21.53
	1995	17.66	1.28	0.49	19.43
	1996	27.11	2.97	0.84	30.92
	1997	25.02	1.24	0.31	26.57
	1998	20.88	0.58	0.15	21.61
	1999	16.71	2.15	0.34	19.19
	2000	16.07	0.09	0.22	16.38
	<b>PLCK</b>	1992	0.43	6.40	4.23
1993		1.56	9.75	16.71	28.02
1994		8.45	8.59	13.70	30.75
1995		22.73	11.25	15.91	49.89
1996		14.29	2.10	22.04	38.43
1997		15.31	4.60	19.19	39.10
1998		13.42	9.84	21.41	44.66
1999		13.76	13.17	16.36	43.29
2000		15.91	3.82	6.84	26.57
<b>SABL</b>		1992	a	a	a
	1993	a	a	a	a
	1994	a	a	a	a
	1995	a	a	a	a
	1996	a	a	a	a
	1997	a	a	a	a
	1998	a	a	a	a
	1999	a	a	a	a
	2000	a	a	a	a

a SABL added PLCK to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.7-10. Wholesale Value of Products from Target Species by Alaska Peninsula and Aleutian Islands Inshore Plants by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
<b>PCOD</b>	1992	26.54	0.00	0.13	26.67
	1993	21.62	0.16	0.00	21.78
	1994	15.52	0.76	0.48	16.76
	1995	14.61	1.04	0.40	16.04
	1996	20.90	2.20	0.62	23.72
	1997	22.37	1.08	0.26	23.71
	1998	20.42	0.55	0.14	21.11
	1999	29.15	3.70	0.56	33.41
	2000	27.02	0.13	0.33	27.48
	<b>PLCK</b>	1992	0.37	6.44	2.67
1993		0.57	4.21	5.35	10.13
1994		4.52	4.18	5.31	14.01
1995		14.30	7.86	7.01	29.17
1996		8.44	3.46	8.83	20.73
1997		9.82	3.09	9.15	22.06
1998		6.74	5.61	9.37	21.72
1999		9.58	8.59	8.42	26.59
2000		10.25	3.97	3.87	18.09
<b>SABL</b>		1992	a	a	a
	1993	a	a	a	a
	1994	a	a	a	a
	1995	a	a	a	a
	1996	a	a	a	a
	1997	a	a	a	a
	1998	a	a	a	a
	1999	a	a	a	a
	2000	a	a	a	a

a SABL added PLCK to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.7-11. Processing Summary of Alaska Peninsula and Aleutian Islands Inshore Plants, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	42.19	12.10	0.29	36.54	866
1993	57.11	15.33	0.27	32.57	570
1994	58.25	12.44	0.21	31.47	540
1995	72.99	14.97	0.21	46.22	633
1996	73.73	17.15	0.23	45.16	613
1997	70.45	20.98	0.30	46.55	661
1998	68.47	20.81	0.30	43.41	634
1999	66.48	26.11	0.39	61.15	920
2000	46.40	17.40	0.38	46.71	1,007

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.7-12. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Alaska Peninsula and Aleutian Islands Inshore Plants, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment
1992	1,772	6	295
1993	1,642	6	274
1994	1,987	6	331
1995	2,197	6	366
1996	2,226	6	371
1997	2,099	6	350
1998	1,898	6	316
1999	2,146	6	358
2000	2,765	6	461

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for shore plants were estimated using NMFS WPR data for each year, and dividing by the amount of product per labor hour. Productivity information was taken from Northern Economics (1990 and 1994), and adjusted if necessary to reflect more recent productivity information derived from NMFS Observer Data. The product of these data was divided by 1,780 working hours per year (after vacations, holidays, sick leave, etc.) to arrive at a total groundfish FTE employment by sector.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

## 1.8 Kodiak Inshore Plants (K-SP)

This class includes all shore plants in the Kodiak archipelago. Many of these plants focus on groundfish but also process some salmon and halibut. Others focus on salmon and halibut but also process some groundfish.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.8-1. Number of Kodiak Inshore Plants by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	14	14	14	14	14
1993	14	14	14	13	14
1994	12	12	12	10	12
1995	12	11	12	11	12
1996	10	10	10	10	10
1997	10	10	10	10	10
1998	10	10	10	10	10
1999	12	11	12	11	12
2000	11	11	11	11	11

Source: NMFS Weekly Production Reports, June 2001

**Table 8. Tons of Groundfish Reported by Kodiak Inshore Plants by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	6.70	15.21	19.50	65.37	106.78
1993	7.12	16.88	24.36	76.53	124.90
1994	5.04	13.33	18.25	77.77	114.39
1995	5.21	12.63	32.30	32.33	82.47
1996	9.11	16.38	27.12	22.18	74.79
1997	9.77	18.11	32.34	40.85	101.08
1998	8.83	9.51	28.50	68.37	115.21
1999	11.69	10.08	35.18	59.75	116.71
2000	14.13	14.20	26.82	50.82	105.97

Source: NMFS Blend Data, June 2001

**Table 1.8-2. Wholesale Production Value for Kodiak Inshore Plants by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	13.46	9.92	20.25	36.65	80.28
1993	15.26	10.00	20.40	36.07	81.72
1994	25.23	7.60	15.56	37.12	85.52
1995	13.33	10.75	37.92	30.02	92.01
1996	16.04	13.73	28.62	12.94	71.34
1997	14.41	9.74	32.27	19.85	76.27
1998	12.38	6.66	28.94	29.72	77.70
1999	11.00	3.34	50.26	30.06	94.65
2000	13.33	8.97	40.06	27.21	89.57

Source: NMFS Weekly Production Reports, June 2001

**Table 1.8-3. Wholesale Value for Roundweight Harvest by Species by Kodiak Inshore Plants, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton
1992	0.91	2,008.49	0.30	652.30	0.47	1,038.36	0.25	560.68
1993	0.98	2,155.60	0.27	590.49	0.38	837.31	0.21	471.32
1994	2.27	5,013.17	0.26	569.78	0.39	852.79	0.22	477.35
1995	1.16	2,560.60	0.39	850.43	0.53	1,173.92	0.42	928.81
1996	0.80	1,761.89	0.38	838.06	0.48	1,055.62	0.26	583.35
1997	0.67	1,475.01	0.24	537.86	0.45	997.69	0.22	485.89
1998	0.64	1,402.75	0.32	699.96	0.46	1,015.65	0.20	434.62
1999	0.43	940.27	0.15	330.87	0.65	1,428.52	0.23	503.09
2000	0.43	943.25	0.29	632.05	0.68	1,493.49	0.24	535.47

Source: NMFS Blend Data and WPR, June 2001

**Table 8. Wholesale Production Value for Kodiak Inshore Plants by Product Type, 1992-2000**

Year	Total Value (\$Millions)					
	Fillets	H&G/Whole	Roe Products	Other	Surimi	Total
1992	38.85	19.27	3.59	2.37	16.20	80.28
1993	44.49	20.97	5.05	2.85	8.37	81.72
1994	34.90	29.06	9.11	2.60	9.84	85.52
1995	60.23	16.63	6.15	3.45	5.55	92.01
1996	38.15	22.87	4.77	5.54	a	71.34
1997	44.16	16.55	4.64	2.20	8.72	76.27
1998	49.26	12.85	4.40	2.47	8.72	77.70
1999	60.13	15.60	3.21	3.45	12.26	94.65
2000	47.17	19.90	8.13	3.41	10.96	89.57

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of Other to protect the confidentiality of the small number of K-SPs that reported producing this product during the year.

**Table 1.8-4. Tons of Groundfish Reported by Kodiak Inshore Plants by FMP Subarea, 1992-2000**

Year	Thousands of Tons					
	AI	BS	WG	CG	EG	Total
1992	0.00	5.51	0.12	100.91	0.23	106.78
1993	a	1.87	0.16	121.98	0.88	124.90
1994	a	0.54	b	106.14	7.71	114.39
1995	a	0.32	0.93	80.26	0.95	82.47
1996	a	0.34	0.30	73.62	0.52	74.79
1997	a	0.05	1.28	97.02	2.73	101.08
1998	0.00	0.21	1.93	110.36	2.70	115.21
1999	0.00	0.09	0.31	115.45	0.87	116.71
2000	0.00	0.07	0.18	105.29	0.44	105.97

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from BS to protect the confidentiality of the small number of K-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with tons from CG to protect the confidentiality of the small number of K-SPs that reported deliveries from this subarea during the year.



**Table 1.8-5. Wholesale Production Value of Groundfish by Kodiak Inshore Plants by FMP Subarea, 1992-2000**

Year	\$Million					
	AI	BS	WG	CG	EG	Total
1992	0.00	3.11	0.26	76.30	0.62	80.28
1993	a	0.61	0.06	80.12	0.93	81.72
1994	a	0.25	b	79.23	6.04	85.52
1995	a	0.34	1.28	87.79	2.61	92.01
1996	a	0.33	0.84	69.11	1.05	71.34
1997	a	0.12	1.80	71.81	2.54	76.27
1998	a	0.19	1.62	73.94	1.95	77.70
1999	0.00	0.12	0.47	93.35	0.72	94.65
2000	0.00	0.14	0.38	88.59	0.46	89.57

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in BS to protect the confidentiality of the small number of K-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with value in CG to protect the confidentiality of the small number of K-SPs that reported deliveries from this subarea during the year.

**Table 1.8-6. Wholesale Value of All Products from Top Three Target Fisheries by Kodiak Inshore Plants, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)			
	PCOD	PLCK	SABL	All Target Total
1992	20.25	37.52	10.58	80.28
1993	19.22	38.82	13.18	81.72
1994	15.73	37.91	20.61	85.52
1995	40.19	30.01	9.95	92.01
1996	29.66	13.41	9.50	71.34
1997	33.81	20.02	8.21	76.27
1998	29.19	30.36	5.72	77.70
1999	49.02	31.00	5.27	94.65
2000	37.76	26.31	5.48	89.57

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.8-7. Landings of Target Species in Target Fisheries by Kodiak Inshore Plants by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
<b>FLAT</b>	1992	2.97	5.44	2.73	11.14
	1993	3.51	4.32	4.38	12.21
	1994	2.56	5.51	2.44	10.50
	1995	3.34	3.20	1.51	8.06
	1996	3.25	4.68	3.26	11.19
	1997	6.04	4.23	1.53	11.81
	1998	4.17	1.94	0.05	6.16
	1999	2.66	0.13	0.89	3.68
	2000	3.93	4.38	1.37	9.68
	<b>PCOD</b>	1992	17.04	0.07	0.39
1993		19.53	0.02	0.02	19.57
1994		16.16	0.08	0.00	16.23
1995		28.42	0.06	2.24	30.72
1996		22.74	0.04	0.00	22.79
1997		23.34	0.05	5.01	28.41
1998		23.88	0.10	1.93	25.91
1999		27.43	0.05	5.25	32.73
2000		22.97	0.18	0.02	23.17
<b>PLCK</b>		1992	18.12	27.18	18.01
	1993	21.04	36.79	16.75	74.57
	1994	29.72	29.85	16.63	76.21
	1995	8.32	13.63	8.91	30.86
	1996	8.72	2.15	9.73	20.60
	1997	14.02	9.43	15.48	38.92
	1998	18.06	21.39	28.25	67.69
	1999	19.74	13.39	25.64	58.76
	2000	36.30	3.69	6.68	46.67
	<b>ROCK</b>	1992	0.11	0.24	0.00
1993		0.01	0.03	0.00	0.04
1994		0.00	0.16	0.00	0.16
1995		0.01	0.68	0.01	0.69
1996		0.01	4.07	0.03	4.11
1997		0.00	3.55	0.00	3.56
1998		0.03	4.29	0.00	4.32
1999		0.01	7.42	0.00	7.43
2000		0.08	8.44	0.00	8.52
<b>SABL</b>		1992	0.00	2.85	0.01
	1993	0.05	3.35	0.00	3.39
	1994	0.01	1.81	0.52	2.34
	1995	0.30	1.06	0.40	1.77
	1996	0.45	0.95	0.31	1.71
	1997	0.13	0.92	0.34	1.39
	1998	0.04	0.84	0.57	1.45
	1999	0.06	0.67	0.33	1.06
	2000	0.10	0.68	0.20	0.98

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.8-8. Wholesale Value of Products from Target Species by Kodiak Inshore Plants by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
<b>FLAT</b>	1992	2.60	3.55	1.93	8.08
	1993	2.04	2.58	3.22	7.84
	1994	2.60	2.54	1.40	6.55
	1995	3.16	2.32	1.89	7.37
	1996	3.61	3.99	2.96	10.55
	1997	4.11	1.84	0.87	6.82
	1998	3.17	1.40	0.05	4.62
	1999	1.06	0.03	0.67	1.77
	2000	2.85	3.45	1.30	7.60
	<b>PCOD</b>	1992	18.14	0.07	0.39
1993		17.98	0.02	0.02	18.01
1994		14.74	0.05	0.00	14.80
1995		34.11	0.06	2.39	36.56
1996		27.48	0.04	0.00	27.52
1997		25.37	0.04	4.95	30.36
1998		25.16	0.10	1.90	27.16
1999		40.06	0.07	7.32	47.45
2000		35.70	0.27	0.03	36.00
<b>PLCK</b>		1992	11.04	15.09	9.90
	1993	12.56	15.62	7.34	35.52
	1994	19.11	11.51	6.24	36.86
	1995	10.53	11.36	7.53	29.43
	1996	6.70	1.13	4.84	12.67
	1997	8.59	4.31	6.51	19.41
	1998	9.82	8.53	11.20	29.55
	1999	10.91	6.47	12.36	29.74
	2000	21.11	1.50	2.73	25.34
	<b>ROCK</b>	1992	0.10	0.24	0.00
1993		0.01	0.09	0.01	0.11
1994		0.00	0.07	0.00	0.08
1995		0.01	0.66	0.01	0.68
1996		0.01	2.58	0.02	2.61
1997		0.00	2.27	0.00	2.27
1998		0.03	4.49	0.00	4.52
1999		0.01	3.18	0.00	3.18
2000		0.05	4.24	0.00	4.29
<b>SABL</b>		1992	0.00	10.39	0.02
	1993	0.17	12.77	0.00	12.94
	1994	0.05	15.91	4.56	20.52
	1995	1.67	5.83	2.16	9.66
	1996	2.45	5.15	1.71	9.31
	1997	0.75	5.36	1.98	8.08
	1998	0.16	3.29	2.14	5.59
	1999	0.28	3.24	1.64	5.16
	2000	0.54	3.72	1.12	5.38

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.8-9. Processing Summary of Kodiak Inshore Plants, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	106.78	27.11	0.25	80.28	752
1993	124.90	31.92	0.26	81.72	654
1994	114.39	28.31	0.25	85.52	748
1995	82.47	26.44	0.32	92.01	1,116
1996	74.79	22.80	0.30	71.34	954
1997	101.08	25.30	0.25	76.27	755
1998	115.21	28.83	0.25	77.70	674
1999	116.71	31.43	0.27	94.65	811
2000	105.97	29.80	0.28	89.57	845

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.8-10. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Kodiak Inshore Plants, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment
1992	267	5	53
1993	305	6	51
1994	272	6	45
1995	301	6	50
1996	379	5	76
1997	406	6	68
1998	384	6	64
1999	461	8	58
2000	351	8	44

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for shore plants were estimated using NMFS WPR data for each year, and dividing by the amount of product per labor hour. Productivity information was taken from Northern Economics (1990 and 1994), and adjusted if necessary to reflect more recent productivity information derived from NMFS Observer Data. The product of these data was divided by 1,780 working hours per year (after vacations, holidays, sick leave, etc.) to arrive at a total groundfish FTE employment by sector.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

## 1.9 Southcentral Alaska Inshore Plants (SC-SP)

This class includes all shore plants in the Kenai Peninsula Borough, the Municipality of Anchorage, the Matanuska-Susitna Borough, and the Valdez-Cordova Census Area. In general, these processors focus on salmon and halibut but also process some groundfish.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.9-1. Number of Southcentral Alaska Inshore Plants by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	18	18	18	17	18
1993	16	16	16	13	16
1994	19	19	19	10	19
1995	18	18	18	15	18
1996	15	15	15	13	15
1997	21	19	19	17	21
1998	19	18	18	15	19
1999	15	15	15	15	15
2000	17	17	17	13	17

Source: NMFS Weekly Production Reports, June 2001

**Table 9. Tons of Groundfish Reported by Southcentral Alaska Inshore Plants by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	6.50	0.59	5.50	0.27	12.86
1993	7.30	0.81	4.75	0.03	12.88
1994	5.73	0.38	4.37	1.49	11.97
1995	6.01	0.47	5.48	0.87	12.82
1996	5.39	0.56	5.26	1.44	12.65
1997	4.77	1.04	5.24	5.86	16.90
1998	4.68	0.51	3.61	8.89	17.69
1999	4.58	0.87	3.34	2.03	10.82
2000	5.44	0.40	2.25	1.92	10.01

Source: NMFS Blend Data, June 2001

**Table 1.9-2. Wholesale Production Value for Southcentral Alaska Inshore Plants by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	21.24	0.00	4.43	0.00	25.68
1993	25.48	0.11	5.56	0.11	31.26
1994	23.59	0.10	4.63	0.46	28.78
1995	31.46	0.00	6.20	2.26	39.91
1996	26.32	0.04	6.78	1.77	34.91
1997	24.41	0.57	8.29	7.01	40.28
1998	18.02	0.16	4.80	8.70	31.68
1999	20.61	0.21	6.13	2.81	29.77
2000	26.01	0.21	3.85	2.13	32.21

Source: NMFS Weekly Production Reports, June 2001

**Table 1.9-3. Wholesale Value for Roundweight Harvest by Species by Southcentral Alaska Inshore Plants, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton	\$ / Pound	\$ / Ton
1992	1.48	3,273.41	0.00	0.00	0.37	806.56	0.00	0.00
1993	1.58	3,488.56	0.06	139.05	0.53	1,171.20	1.72	3,786.61
1994	1.87	4,115.87	0.12	254.26	0.48	1,058.56	0.14	310.18
1995	2.38	5,236.74	0.00	0.68	0.51	1,130.58	1.18	2,591.26
1996	2.22	4,887.35	0.03	69.28	0.58	1,288.65	0.56	1,235.60
1997	2.32	5,117.18	0.25	551.20	0.72	1,583.13	0.54	1,195.74
1998	1.75	3,849.58	0.14	312.33	0.60	1,327.88	0.44	979.44
1999	2.04	4,500.38	0.11	245.24	0.83	1,835.13	0.63	1,386.27
2000	2.17	4,778.03	0.24	526.92	0.78	1,712.53	0.50	1,112.42

Source: NMFS Blend Data and WPR, June 2001

**Table 9. Wholesale Production Value for Southcentral Alaska Inshore Plants by Product Type, 1992-2000**

Year	Total Value (\$Millions)				
	Fillets	H&G/Whole	Roe Products	Other	Total
1992	0.94	24.34	0.17	0.23	25.68
1993	3.94	26.80	0.29	0.23	31.26
1994	4.37	23.90	0.28	0.22	28.78
1995	4.33	33.81	1.47	0.30	39.91
1996	2.42	31.30	0.94	0.25	34.91
1997	9.24	28.00	2.40	0.65	40.28
1998	7.01	21.74	2.08	0.85	31.68
1999	4.71	23.67	0.78	0.62	29.77
2000	3.15	27.28	0.95	0.83	32.21

Source: NMFS Weekly Production Reports, June 2001

**Table 1.9-4. Tons of Groundfish Reported by Southcentral Alaska Inshore Plants by FMP Subarea, 1992-2000**

Year	Thousands of Tons					Total
	AI	BS	WG	CG	EG	
1992	0.00	a	1.22	9.82	1.81	12.86
1993	0.00	0.00	0.00	10.30	2.58	12.88
1994	0.00	0.00	b	9.86	2.11	11.97
1995	c	0.04	0.11	10.60	2.06	12.82
1996	c	0.45	0.24	9.09	2.86	12.65
1997	c	0.73	0.21	12.82	3.15	16.90
1998	0.00	a	0.14	12.42	5.12	17.69
1999	a	a	0.17	7.96	2.70	10.82
2000	0.00	0.00	b	6.28	3.73	10.01

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from WG to protect the confidentiality of the small number of SC-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with tons from CG to protect the confidentiality of the small number of SC-SPs that reported deliveries from this subarea during the year.

<sup>c</sup> Combined with tons from BS to protect the confidentiality of the small number of SC-SPs that reported deliveries from this subarea during the year.

**Table 1.9-5. Wholesale Production Value of Groundfish by Southcentral Alaska Inshore Plants by FMP Subarea, 1992-2000**

Year	\$Million					
	AI	BS	WG	CG	EG	Total
1992	0.00	a	0.73	19.30	5.66	25.68
1993	0.00	0.00	0.00	23.14	8.12	31.26
1994	0.00	0.00	b	21.30	7.48	28.78
1995	c	0.06	0.52	27.69	11.64	39.91
1996	c	0.61	1.14	23.98	9.19	34.91
1997	c	1.03	1.00	30.16	8.09	40.28
1998	0.00	a	0.37	22.46	8.84	31.68
1999	a	a	0.57	22.15	7.05	29.77
2000	0.00	0.00	b	21.69	10.52	32.21

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in WG to protect the confidentiality of the small number of SC-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with value in CG to protect the confidentiality of the small number of SC-SPs that reported deliveries from this subarea during the year.

<sup>c</sup> Combined with value in BS to protect the confidentiality of the small number of SC-SPs that reported deliveries from this subarea during the year.

**Table 1.9-6. Wholesale Value of All Products from Top Three Target Fisheries by Southcentral Alaska Inshore Plants, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)			
	SABL	PCOD	PLCK	All Target Total
1992	21.01	4.45	0.20	25.68
1993	25.29	5.54	0.26	31.26
1994	23.07	4.77	0.89	28.78
1995	30.66	6.26	2.98	39.91
1996	25.78	6.89	2.13	34.91
1997	23.92	8.36	7.26	40.28
1998	17.12	4.79	9.37	31.68
1999	20.21	6.11	2.94	29.77
2000	25.68	3.81	2.20	32.21

Note: ROCK added to PLCK to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.



**Table 1.9-7. Landings of Target Species in Target Fisheries by Southcentral Alaska Inshore Plants by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
<b>PCOD</b>	1992	5.20	0.00	0.07	5.27
	1993	4.18	0.35	0.01	4.55
	1994	4.32	0.02	0.00	4.34
	1995	5.36	0.01	0.03	5.41
	1996	4.64	0.00	0.01	4.65
	1997	5.04	0.04	0.05	5.12
	1998	3.42	0.04	0.02	3.49
	1999	3.11	0.04	0.06	3.21
	2000	2.09	0.02	0.04	2.16
	<b>PLCK</b>	1992	0.14	0.07	0.01
1993		0.02	0.03	0.04	0.10
1994		0.19	1.45	0.01	1.65
1995		0.11	0.45	0.64	1.19
1996		1.46	0.12	0.02	1.61
1997		5.27	0.23	0.48	5.97
1998		7.73	1.14	0.46	9.33
1999		2.00	0.09	0.02	2.11
2000		1.86	0.06	0.00	1.92
<b>SABL</b>		1992	0.00	5.46	0.01
	1993	0.00	6.20	0.00	6.20
	1994	0.00	3.71	1.19	4.90
	1995	1.43	3.03	0.70	5.16
	1996	1.18	3.10	0.34	4.62
	1997	1.17	2.40	0.34	3.91
	1998	0.59	2.37	0.54	3.49
	1999	0.74	2.58	0.40	3.72
	2000	1.04	3.09	0.43	4.57

Note: ROCK added to PLCK to protect confidentiality.  
 Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.9-8. Wholesale Value of Products from Target Species by Southcentral Alaska Inshore Plants by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
<b>AMCK</b>	1992	0.00	0.00	0.00	0.00
	1993	0.00	0.00	0.00	0.00
	1994	0.00	0.00	0.00	0.00
	1995	0.00	0.00	0.00	0.00
	1996	0.00	0.00	0.00	0.00
	1997	0.00	0.00	0.00	0.00
	1998	0.00	0.00	0.00	0.00
	1999	0.00	0.00	0.00	0.00
	2000	0.00	0.00	0.00	0.00
	<b>FLAT</b>	1992	0.00	0.00	0.00
1993		0.07	0.04	0.00	0.11
1994		0.00	0.00	0.00	0.00
1995		0.00	0.00	0.00	0.00
1996		0.00	0.03	0.01	0.04
1997		0.06	0.44	0.05	0.55
1998		0.14	0.00	0.00	0.14
1999		0.19	0.01	0.00	0.21
2000		0.21	0.00	0.00	0.21
<b>OTHR</b>		1992	0.00	0.00	0.00
	1993	0.00	0.00	0.00	0.00
	1994	0.00	0.00	0.00	0.00
	1995	0.00	0.00	0.00	0.00
	1996	0.00	0.00	0.00	0.00
	1997	0.00	0.00	0.00	0.00
	1998	0.01	0.00	0.00	0.01
	1999	0.00	0.00	0.00	0.00
	2000	0.00	0.00	0.00	0.00
	<b>PCOD</b>	1992	4.29	0.00	0.06
1993		5.04	0.41	0.01	5.47
1994		4.59	0.02	0.00	4.61
1995		6.10	0.01	0.03	6.14
1996		6.73	0.01	0.01	6.74
1997		8.08	0.04	0.07	8.20
1998		4.62	0.06	0.03	4.70
1999		5.84	0.07	0.12	6.03
2000		3.63	0.04	0.07	3.74
<b>PLCK</b>		1992	0.07	0.10	0.01
	1993	0.04	0.15	0.07	0.26
	1994	0.28	0.59	0.02	0.89
	1995	1.07	0.83	1.08	2.98
	1996	1.84	0.24	0.05	2.13
	1997	6.61	0.21	0.42	7.25
	1998	7.89	1.08	0.36	9.33
	1999	2.82	0.09	0.03	2.94
	2000	2.09	0.11	0.00	2.20
	<b>SABL</b>	1992	0.00	20.62	0.04
1993		0.00	24.93	0.00	24.93
1994		0.00	17.31	5.56	22.87
1995		8.49	17.81	4.04	30.34
1996		6.58	16.96	1.90	25.44
1997		7.10	14.41	2.03	23.54
1998		2.85	11.38	2.53	16.76
1999		4.02	13.69	2.15	19.86
2000		5.77	17.06	2.45	25.28

Note: ROCK added to PLCK to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.9-9. Processing Summary of Southcentral Alaska Inshore Plants, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	12.86	6.60	0.51	25.68	1,997
1993	12.88	6.62	0.51	31.26	2,426
1994	11.97	5.31	0.44	28.78	2,404
1995	12.82	7.05	0.55	39.91	3,112
1996	12.65	6.86	0.54	34.91	2,761
1997	16.90	9.20	0.54	40.28	2,383
1998	17.69	9.70	0.55	31.68	1,791
1999	10.82	6.64	0.61	29.77	2,750
2000	10.01	5.23	0.52	32.21	3,217

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.9-10. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Southcentral Alaska Inshore Plants, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment
1992	267	14	19
1993	305	14	22
1994	272	12	23
1995	301	12	25
1996	379	10	38
1997	406	10	41
1998	384	10	38
1999	461	12	38
2000	351	11	32

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for shore plants were estimated using NMFS WPR data for each year, and dividing by the amount of product per labor hour. Productivity information was taken from Northern Economics (1990 and 1994), and adjusted if necessary to reflect more recent productivity information derived from NMFS Observer Data. The product of these data was divided by 1,780 working hours per year (after vacations, holidays, sick leave, etc.) to arrive at a total groundfish FTE employment by sector.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

### 1.10 Southeast Alaska Inshore Plants (SE-SP)

This class includes all shore plants in Southeast Alaska from Yakutat to Ketchikan. In general, these processors focus on salmon and halibut, but also process some groundfish, primarily high-value species such as rockfish and sablefish.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.10-1. Number of Southeast Alaska Inshore Plants by Species, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	12	11	10	11	12
1993	14	13	13	4	14
1994	16	16	16	4	16
1995	16	15	16	11	16
1996	16	15	15	10	16
1997	14	13	13	7	14
1998	15	14	13	10	15
1999	12	12	12	10	12
2000	13	13	13	9	13

Source: NMFS Weekly Production Reports, June 2001

**Table 10. Tons of Groundfish Reported by Southeast Alaska Inshore Plants by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	6.89	0.38	0.16	0.00	7.43
1993	7.37	0.32	0.15	0.43	8.28
1994	9.17	0.30	0.06	0.00	9.53
1995	5.91	0.29	0.05	0.00	6.25
1996	5.40	0.16	0.07	0.00	5.63
1997	4.52	0.20	0.08	0.00	4.80
1998	5.11	0.22	0.14	0.00	5.48
1999	4.38	0.25	0.12	0.00	4.75
2000	5.47	0.31	0.06	0.00	5.84

Source: NMFS Blend Data, June 2001

**Table 1.10-2. Wholesale Production Value for Southeast Alaska Inshore Plants by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	27.09	0.00	0.13	0.00	27.22
1993	30.32	0.00	0.18	0.00	30.51
1994	41.92	0.00	0.09	0.00	42.01
1995	40.56	0.00	0.09	0.00	40.65
1996	38.40	0.00	0.16	0.00	38.56
1997	36.98	0.00	0.17	0.00	37.16
1998	28.53	0.00	0.31	0.00	28.83
1999	26.72	0.00	0.19	0.00	26.91
2000	31.94	0.00	0.14	0.00	32.08

Source: NMFS Weekly Production Reports, June 2001

**Table 1.10-3. Wholesale Value for Roundweight Harvest by Species by Southeast Alaska Inshore Plants, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$/Pound	\$/Ton	\$/Pound	\$/Ton	\$/Pound	\$/Ton	\$/Pound	\$/Ton
1992	1.78	3,931.00	0.00	0.00	0.38	831.58	0.00	0.00
1993	1.87	4,112.00	0.00	9.71	0.55	1,202.42	0.00	0.00
1994	2.07	4,569.68	0.00	0.00	0.64	1,413.11	0.00	0.00
1995	3.12	6,868.44	0.00	0.00	0.77	1,688.19	0.00	0.00
1996	3.23	7,111.00	0.00	4.83	1.06	2,343.79	0.00	0.00
1997	3.71	8,177.10	0.01	13.45	0.95	2,085.91	0.00	0.00
1998	2.53	5,585.03	0.00	7.53	0.96	2,126.94	1.41	3,108.74
1999	2.76	6,094.56	0.00	0.05	0.75	1,647.81	0.00	0.00
2000	2.65	5,840.93	0.00	0.00	1.11	2,444.56	0.00	0.00

Source: NMFS Blend Data and WPR, June 2001

**Table 10. Wholesale Production Value for Southeast Alaska Inshore Plants by Product Type, 1992-2000**

Year	Total Value (\$Millions)					
	Fillets	H&G/Whole	Roe Products	Other	Surimi	Total
1992	0.20	27.02	a	0.00	0.00	27.22
1993	0.20	30.31	0.00	0.00	0.00	30.51
1994	0.13	41.88	0.00	0.00	0.00	42.01
1995	0.28	40.36	0.00	0.01	0.00	40.65
1996	0.35	38.18	0.00	0.02	a	38.56
1997	0.78	36.32	0.00	0.05	0.00	37.16
1998	0.57	28.09	b	0.18	0.00	28.83
1999	0.51	26.29	0.00	0.11	b	26.91
2000	1.39	30.58	b	0.12	0.00	32.08

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of H&G/Whole to protect the confidentiality of the small number of SE-SPs that reported producing this product during the year.

<sup>b</sup> Combined with value of Other to protect the confidentiality of the small number of SE-SPs that reported producing this product during the year.

**Table 1.10-4. Tons of Groundfish Reported by Southeast Alaska Inshore Plants by FMP Subarea, 1992-2000**

Year	Thousands of Tons					
	AI	BS	WG	CG	EG	Total
1992	0.00	0.00	0.00	0.01	7.42	7.43
1993	0.00	a	a	0.43	7.85	8.28
1994	0.00	b	b	b	9.53	9.53
1995	0.00	a	a	0.15	6.09	6.25
1996	0.00	a	a	0.21	5.43	5.63
1997	a	a	a	0.47	4.33	4.80
1998	0.00	a	a	0.40	5.07	5.48
1999	0.00	a	a	0.24	4.52	4.75
2000	0.00	a	a	0.16	5.68	5.84

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from CG to protect the confidentiality of the small number of SE-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with tons from EG to protect the confidentiality of the small number of SE-SPs that reported deliveries from this subarea during the year.

**Table 1.10-5. Wholesale Production Value of Groundfish by Southeast Alaska Inshore Plants by FMP Subarea, 1992-2000**

Year	\$Million					
	AI	BS	WG	CG	EG	Total
1992	0.00	0.00	0.00	0.03	27.19	27.22
1993	0.00	a	a	0.02	30.49	30.51
1994	0.00	b	b	b	42.01	42.01
1995	0.00	a	a	0.93	39.72	40.65
1996	0.00	a	a	1.32	37.24	38.56
1997	a	a	a	2.87	34.29	37.16
1998	0.00	a	a	1.64	27.20	28.83
1999	0.00	a	a	1.11	25.80	26.91
2000	0.00	a	a	0.72	31.36	32.08

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in CG to protect the confidentiality of the small number of SE-SPs that reported deliveries from this subarea during the year.

<sup>b</sup> Combined with value in EG to protect the confidentiality of the small number of SE-SPs that reported deliveries from this subarea during the year.

**Table 1.10-6. Wholesale Value of All Products from Top Three Target Fisheries by Southeast Alaska Inshore Plants, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)			
	SABL	ROCK	PCOD	All Target Total
1992	26.12	1.06	0.04	27.22
1993	29.11	1.34	0.05	30.51
1994	40.99	0.95	0.08	42.01
1995	40.03	0.61	0.01	40.65
1996	37.00	1.53	0.02	38.56
1997	35.58	1.54	a	a
1998	27.63	1.11	0.09	28.83
1999	25.81	1.04	0.05	26.91
2000	31.06	0.99	0.02	32.08

a PCOD added to ROCK (for 1997 only) to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.10-7. Landings of Target Species in Target Fisheries by Southeast Alaska Inshore Plants by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
<b>PCOD</b>	1992	0.01	0.00	0.00	0.01
	1993	0.00	0.00	0.01	0.01
	1994	0.00	0.02	0.00	0.02
	1995	0.00	0.00	0.00	0.00
	1996	0.00	0.00	0.00	0.00
	1997	a	a	a	a
	1998	0.01	0.00	0.00	0.01
	1999	0.00	0.00	0.00	0.01
	2000	0.00	0.00	0.00	0.01
	<b>ROCK</b>	1992	0.32	0.12	0.08
1993		0.24	0.13	0.15	0.52
1994		0.28	0.17	0.06	0.51
1995		0.12	0.05	0.02	0.19
1996		0.31	0.05	0.09	0.45
1997		0.20	0.09	0.08	0.37
1998		0.19	0.03	0.05	0.27
1999		0.19	0.05	0.05	0.28
2000		0.18	0.07	0.04	0.29
<b>SABL</b>		1992	0.00	5.56	0.07
	1993	0.00	6.15	0.00	6.15
	1994	0.00	6.54	1.38	7.92
	1995	1.36	2.61	1.25	5.21
	1996	1.33	2.16	0.97	4.46
	1997	0.83	1.96	0.86	3.65
	1998	0.65	2.14	1.31	4.10
	1999	0.71	1.79	1.09	3.59
	2000	1.21	2.06	1.01	4.28

a PCOD added to ROCK (for 1997 only) to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.



**Table 1.10-8. Wholesale Value of Products from Target Species by Southeast Alaska Inshore Plants by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
<b>PCOD</b>	1992	0.02	0.00	0.01	0.03
	1993	0.01	0.02	0.02	0.04
	1994	0.00	0.04	0.00	0.04
	1995	0.01	0.00	0.00	0.01
	1996	0.00	0.01	0.01	0.02
	1997	a	a	a	a
	1998	0.07	0.00	0.00	0.08
	1999	0.01	0.02	0.01	0.04
	2000	0.01	0.01	0.00	0.02
	<b>ROCK</b>	1992	0.58	0.21	0.15
1993		0.54	0.29	0.33	1.15
1994		0.45	0.27	0.09	0.81
1995		0.34	0.16	0.07	0.57
1996		0.84	0.13	0.24	1.21
1997		0.68	0.31	0.28	1.28
1998		0.62	0.11	0.17	0.91
1999		0.58	0.15	0.14	0.87
2000		0.55	0.21	0.12	0.88
<b>SABL</b>		1992	0.00	25.24	0.32
	1993	0.00	28.70	0.00	28.70
	1994	0.00	33.32	7.09	40.41
	1995	10.29	19.56	9.06	38.91
	1996	10.85	17.35	7.80	35.99
	1997	7.92	18.44	7.97	34.33
	1998	4.35	13.94	7.88	26.17
	1999	4.92	12.23	7.50	24.65
	2000	8.43	14.19	7.07	29.70

a PCOD added to ROCK (for 1997 only) to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.10-9. Processing Summary of Southeast Alaska Inshore Plants, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	7.43	4.96	0.67	27.22	3,663
1993	8.28	5.36	0.65	30.51	3,685
1994	9.53	6.40	0.67	42.01	4,406
1995	6.25	4.68	0.75	40.65	6,505
1996	5.63	4.48	0.80	38.56	6,848
1997	4.80	4.22	0.88	37.16	7,736
1998	5.48	4.31	0.79	28.83	5,266
1999	4.75	3.51	0.74	26.91	5,661
2000	5.84	4.16	0.71	32.08	5,494

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.10-10. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Southeast Alaska Inshore Plants, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment
1992	267	14	19
1993	305	14	22
1994	272	12	23
1995	301	12	25
1996	379	10	38
1997	406	10	41
1998	384	10	38
1999	461	12	38
2000	351	11	32

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for shore plants were estimated using NMFS WPR data for each year, and dividing by the amount of product per labor hour. Productivity information was taken from Northern Economics (1990 and 1994), and adjusted if necessary to reflect more recent productivity information derived from NMFS Observer Data. The product of these data was divided by 1,780 working hours per year (after vacations, holidays, sick leave, etc.) to arrive at a total groundfish FTE employment by sector.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

### 1.11 Motherships (MS)

This class includes all motherships operating in the EEZ. Currently there are only three active motherships. This class does not include floating processors that operate exclusively in state waters.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.11-1. Number of Motherships Operating in the BSAI or GOA, 1992-2000**

YEAR	Number of Processors by Species				
	ARSO	FLAT	PCOD	PLCK	Total
1992	5	5	5	5	5
1993	3	3	3	3	3
1994	4	4	4	4	4
1995	4	4	4	4	4
1996	3	3	3	3	3
1997	3	3	3	3	3
1998	3	3	3	3	3
1999	3	3	3	3	3
2000	3	3	3	3	3

Source: NMFS Weekly Production Reports, June 2001

**Table 11. Tons of Groundfish Reported by Motherships Operating in the BSAI or GOA by Species, 1992-2000**

Year	Thousands of Tons				
	ARSO	FLAT	PCOD	PLCK	Total
1992	3.73	8.95	3.55	162.15	178.39
1993	0.16	0.11	0.74	123.82	124.83
1994	0.32	0.67	2.88	113.33	117.21
1995	1.93	4.05	4.69	110.05	120.72
1996	0.48	0.85	3.90	122.29	127.51
1997	1.36	1.14	4.33	121.96	128.79
1998	0.05	0.27	0.61	127.54	128.47
1999	0.27	0.30	0.42	100.39	101.38
2000	1.68	0.35	0.19	114.14	116.36

Source: NMFS Blend Data, June 2001

**Table 1.11-2. Wholesale Production Value for Motherships Operating in the BSAI or GOA by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	1.11	1.74	1.47	87.80	92.12
1993	0.00	0.01	0.00	44.05	44.06
1994	0.00	0.15	1.19	52.22	53.56
1995	0.03	1.47	0.80	72.16	74.46
1996	0.00	0.01	1.12	65.40	66.52
1997	0.00	0.00	2.88	68.69	71.58
1998	0.00	0.00	0.05	58.12	58.17
1999	0.01	0.00	0.06	57.85	57.92
2000	0.00	0.05	0.19	81.01	81.25

Source: NMFS Weekly Production Reports, June 2001

**Table 1.11-3. Wholesale Value for Roundweight Harvest by Species by Motherships Operating in the BSAI or GOA, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton
1992	0.27	601.82	0.07	160.93	0.19	414.13	0.25	541.44
1993	0.00	0.00	0.01	19.69	0.00	3.27	0.16	355.80
1994	0.01	15.11	0.08	165.61	0.19	413.22	0.21	460.79
1995	0.06	125.25	0.12	254.96	0.08	171.22	0.30	655.76
1996	0.00	0.00	0.00	6.80	0.13	287.11	0.24	534.77
1997	0.00	0.00	0.00	0.00	0.30	666.62	0.26	563.23
1998	0.00	0.00	0.00	0.00	0.04	77.93	0.21	455.73
1999	0.06	128.41	0.00	0.00	0.06	138.95	0.26	576.23
2000	0.00	0.00	0.03	73.09	0.47	1,036.15	0.32	709.79

Source: NMFS Blend Data and WPR, June 2001

**Table 11. Wholesale Production Value for Motherships Operating in the BSAI or GOA by Product Type, 1992-2000**

Year	Total Value (\$Millions)					
	Fillets	H&G/Whole	Roe Products	Other	Surimi	Total
1992	0.00	4.62	9.63	4.35	73.51	92.12
1993	a	a	5.71	3.16	35.19	44.06
1994	0.00	1.34	11.23	2.66	38.34	53.56
1995	a	1.00	17.74	3.22	52.52	74.46
1996	a	a	18.22	4.07	44.25	66.53
1997	a	a	16.65	5.73	49.20	71.58
1998	0.00	0.00	9.42	3.73	45.03	58.17
1999	0.00	a	12.83	2.89	42.19	57.92
2000	0.00	a	16.71	4.66	59.87	81.25

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of Other to protect the confidentiality of the small number of MSs that reported producing this product during the year.

**Table 1.11-4. Tons of Groundfish Reported by Motherships Operating in the BSAI or GOA by FMP Subarea, 1992-2000**

Year	Thousands of Tons					
	AI	BS	WG	CG	EG	Total
1992	a	178.26	a	0.13	0.00	178.39
1993	0.00	124.83	0.00	0.00	0.00	124.83
1994	0.00	117.21	a	0.00	0.00	117.21
1995	0.00	120.13	a	0.54	0.05	120.72
1996	a	127.51	a	0.00	0.00	127.51
1997	0.00	128.79	a	0.00	0.00	128.79
1998	0.00	128.47	0.00	0.00	0.00	128.47
1999	0.00	101.30	a	0.00	0.00	101.38
2000	0.00	116.36	0.00	0.00	0.00	116.36

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from BS to protect the confidentiality of the small number of MSs that reported deliveries from this subarea during the year.

**Table 1.11-5. Wholesale Production Value of Groundfish by Motherships Operating in the BSAI or GOA by FMP Subarea, 1992-2000**

Year	\$Million					
	AI	BS	WG	CG	EG	Total
1992	a	92.08	a	0.04	0.00	178.39
1993	0.00	44.06	0.00	0.00	0.00	124.83
1994	0.00	53.56	a	0.00	0.00	117.21
1995	0.00	74.25	a	0.19	0.02	120.72
1996	a	66.52	a	0.00	0.00	127.51
1997	0.00	71.58	a	0.00	0.00	128.79
1998	0.00	58.17	0.00	0.00	0.00	128.47
1999	0.00	57.92	a	0.00	0.00	101.38
2000	0.00	81.25	0.00	0.00	0.00	116.36

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in BS to protect the confidentiality of the small number of MSs that reported deliveries from this subarea during the year.

**Table 1.11-6. Wholesale Value of All Products from Top Three Target Fisheries by Motherships Operating in the BSAI or GOA, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)	
	PLCK	All Target Total
1992	88.01	92.12
1993	44.06	44.06
1994	52.32	53.56
1995	71.93	74.46
1996	65.41	66.52
1997	68.74	71.58
1998	58.17	58.17
1999	57.92	57.92
2000	81.25	81.25

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.11-7. Landings of Target Species in Target Fisheries by Motherships Operating in the BSAI or GOA by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
PLCK	1992	63.39	87.72	10.03	161.15
	1993	57.52	20.69	45.60	123.81
	1994	58.00	19.80	35.28	113.08
	1995	56.86	20.23	31.24	108.33
	1996	55.15	0.60	66.29	122.05
	1997	60.38	3.73	55.53	119.64
	1998	59.12	2.49	65.92	127.54
	1999	42.38	1.53	56.48	100.39
	2000	45.25	31.47	37.42	114.14

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.11-8. Wholesale Value of Products from Target Species by Motherships Operating in the BSAI or GOA by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
PLCK	1992	39.48	43.32	4.88	87.67
	1993	23.45	6.45	14.16	44.05
	1994	31.93	7.28	13.01	52.22
	1995	46.20	10.26	15.41	71.86
	1996	39.46	0.23	25.70	65.39
	1997	43.34	1.65	23.70	68.69
	1998	32.00	0.95	25.17	58.12
	1999	31.84	0.69	25.32	57.85
	2000	42.21	17.71	21.09	81.01

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.11-9. Processing Summary of Motherships Operating in the BSAI or GOA, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	178.39	35.11	0.20	92.12	516
1993	124.83	26.77	0.21	44.06	353
1994	117.21	25.77	0.22	53.56	457
1995	120.72	27.50	0.23	74.46	617
1996	127.51	31.27	0.25	66.52	522
1997	128.79	28.41	0.22	71.58	556
1998	128.47	26.35	0.21	58.17	453
1999	101.38	21.09	0.21	57.92	571
2000	116.36	30.57	0.26	81.25	698

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.11-10. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Motherships Operating in the BSAI or GOA, 1992-2000**

<b>Year</b>	<b>Total Groundfish FTE Employment</b>	<b>Total Number of Facilities</b>	<b>Average Groundfish FTE Employment</b>	<b>Average Vessel Crew Size</b>
1992	267	12	22	19
1993	305	14	22	19
1994	272	16	17	17
1995	301	16	19	19
1996	379	16	24	19
1997	406	14	29	20
1998	384	15	26	19
1999	461	12	38	19
2000	351	13	27	19

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for vessels were estimated using NMFS Observer Data (June 2001) on the number of crew when the vessel was operating fishing? These data were adjusted to account for the longer work days on vessels (16-hour days for STP, FTP, MS, and FLT, and 12-hour days for other processing vessel classes), assuming an average of 6 work days per week (to account for partial weeks), and dividing by 52 weeks in year.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.

Average vessel crew size is derived from NMFS Observer Data



## 1.12 Floating Inshore Plants

This class includes all inshore floating processors.

For this processor class the following tables describe the number of processors, tons of groundfish reported, wholesale production value, and wholesale value for roundweight harvest by species; wholesale production value by product type; tons and wholesale production value of groundfish by FMP subarea; wholesale value of all products from top three target fisheries; landing of target species in target fisheries; wholesale value of products from target species; processing summary; and estimated full-time employment.

**Table 1.12-1. Number of Floating Inshore Processors by Species, 1992-2000**

YEAR	Number of Processors by Species				Total
	ARSO	FLAT	PCOD	PLCK	
1992	16	16	14	14	17
1993	10	10	9	8	10
1994	9	9	10	5	10
1995	15	13	11	9	15
1996	11	10	12	8	12
1997	4	4	3	2	4
1998	3	3	3	2	3
1999	5	5	5	5	5
2000	10	9	11	10	11

Source: NMFS Weekly Production Reports, June 2001

**Table 12. Tons of Groundfish Reported by Floating Inshore Plants by Species, 1992-2000**

Year	Thousands of Tons				Total
	ARSO	FLAT	PCOD	PLCK	
1992	2.25	2.91	13.24	3.25	21.65
1993	0.81	0.18	2.56	0.33	3.87
1994	0.74	1.77	2.02	0.15	4.67
1995	0.69	5.43	5.18	1.07	12.36
1996	0.64	1.79	6.99	0.56	9.98
1997	0.30	0.17	5.02	a	5.49
1998	0.06	0.05	1.36	a	1.47
1999	0.08	0.07	2.11	0.79	3.05
2000	0.52	0.19	16.68	0.65	18.04

Source: NMFS Blend Data, June 2001

<sup>a</sup> Combined with tons of PCOD to protect the confidentiality of the small number of FLTs that reported processing this species during the year.

**Table 1.12-2. Wholesale Production Value for Floating Inshore Plants by Species, 1992-2000**

Year	\$Millions				
	ARSO	FLAT	PCOD	PLCK	Total
1992	5.47	1.06	8.58	1.07	16.18
1993	3.46	0.08	1.78	0.00	5.31
1994	2.41	0.62	1.49	0.00	4.52
1995	1.38	2.70	5.56	0.00	9.64
1996	0.71	0.59	5.97	0.00	7.27
1997	0.09	0.01	4.52	0.03	4.64
1998	0.01	0.00	1.40	0.00	1.41
1999	0.08	0.01	2.13	1.29	3.52
2000	0.03	0.00	20.77	0.06	20.85

Source: NMFS Weekly Production Reports, June 2001

**Table 1.12-3. Wholesale Value for Roundweight Harvest by Species by Floating Inshore Plants, 1992-2000**

YEAR	Wholesale Value for Roundweight Harvest							
	ARSO		FLAT		PCOD		PLCK	
	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton	\$/ Pound	\$/ Ton
1992	1.35	2,973.39	0.14	318.87	0.29	648.46	0.15	328.45
1993	2.05	4,522.33	0.15	339.48	0.32	694.83	0.00	0.00
1994	1.81	3,994.95	0.15	322.97	0.33	737.32	0.00	0.00
1995	2.01	4,430.40	0.21	465.16	0.49	1,073.98	0.00	0.00
1996	1.01	2,224.96	0.13	279.00	0.39	854.37	0.00	0.00
1997	0.63	1,388.37	0.01	15.67	0.46	1,019.88	0.02	43.24
1998	0.07	161.54	0.00	0.00	0.47	1,043.75	0.00	0.00
1999	0.53	1,176.46	0.05	100.32	0.46	1,012.89	0.74	1,637.81
2000	0.04	95.42	0.00	1.55	0.56	1,245.25	0.04	85.41

Source: NMFS Blend Data and WPR, June 2001

**Table 12. Wholesale Production Value for Floating Inshore Plants by Product Type, 1992-2000**

Year	Total Value (\$Millions)				
	Fillets	H&G/Whole	Roe Products	Other	Total
1992	0.71	15.12	0.24	0.10	16.18
1993	0.00	5.31	a	a	5.31
1994	a	4.51	a	a	4.52
1995	4.81	4.12	0.22	0.49	9.64
1996	3.59	2.85	0.15	0.68	7.27
1997	a	4.64	a	a	4.64
1998	a	1.40	a	a	1.41
1999	a	3.49	0.16	a	3.52
2000	8.79	9.62	1.96	0.48	20.85
Total	22.53	45.62	2.91	2.27	73.33

Source: NMFS Weekly Production Reports, June 2001

<sup>a</sup> Combined with value of H&G/Whole to protect the confidentiality of the small number of FLT's that reported producing this product during the year.

**Table 1.12-4. Tons of Groundfish Reported by Floating Inshore Plants by FMP Subarea, 1992-2000**

Year	Thousands of Tons		
	BSAI	GOA	Total
1992	6.18	15.46	21.65
1993	0.59	3.28	3.87
1994	3.21	1.46	4.67
1995	9.50	2.87	12.36
1996	8.00	1.98	9.98
1997	5.48	a	5.49
1998	1.47	a	1.47
1999	0.75	2.30	3.05
2000	14.91	3.12	18.04

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with tons from BSAI to protect the confidentiality of the small number of FLT's that reported deliveries from this subarea during the year.

**Table 1.12-5. Wholesale Production Value of Groundfish by Floating Inshore Plants by FMP Subarea, 1992-2000**

Year	\$Million		
	BSAI	GOA	Total
1992	2.82	13.36	16.18
1993	0.27	5.04	5.31
1994	1.41	3.11	4.52
1995	5.41	4.24	9.64
1996	4.98	2.29	7.27
1997	4.64	a	4.64
1998	1.41	a	1.41
1999	0.75	2.77	3.52
2000	17.30	3.55	20.85

Source: NMFS Blend Data, June 2000

<sup>a</sup> Combined with value in BSAI to protect the confidentiality of the small number of FLT's that reported deliveries from this subarea during the year.

**Table 1.12-6. Wholesale Value of All Products from Top Three Target Fisheries by Floating Inshore Plants, 1992-2000**

Year	Wholesale Value of All Products from Top Three Target Fisheries (\$Millions)	
	PCOD	All Target Total
1992	8.61	16.18
1993	1.78	5.31
1994	1.49	4.52
1995	5.37	9.64
1996	5.90	7.27
1997	a	a
1998	1.40	1.41
1999	2.21	3.52
2000	20.81	20.85

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.12-7. Landings of Target Species in Target Fisheries by Floating Inshore Plants by Trimester, 1992-2000**

Target	Landings of Target Species in Target Fisheries by Trimester (Thousands of Tons)				
	Year	Jan-Apr	May-Aug	Sep-Dec	Total
PCOD	1992	12.54	0.19	0.26	12.99
	1993	2.55	0.00	0.00	2.55
	1994	1.95	0.01	0.05	2.01
	1995	4.59	0.00	0.22	4.81
	1996	5.96	0.59	0.24	6.79
	1997	a	a	a	a
	1998	1.11	0.03	0.21	1.34
	1999	1.82	0.07	0.21	2.10
	2000	16.66	0.00	0.01	16.68

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.12-8. Wholesale Value of Products from Target Species by Floating Inshore Plants by Trimester, 1992-2000**

Target	Wholesale Value of Products from Target Species by Trimester (\$Millions)				
	YEAR	Jan-Apr	May-Aug	Sep-Dec	Total
PCOD	1992	8.16	0.11	0.17	8.44
	1993	1.78	0.00	0.00	1.78
	1994	1.44	0.01	0.04	1.49
	1995	5.13	0.00	0.24	5.37
	1996	5.19	0.50	0.20	5.89
	1997	a	a	a	a
	1998	1.16	0.03	0.22	1.40
	1999	1.85	0.07	0.21	2.13
	2000	20.75	0.00	0.02	20.77

a Data omitted to protect confidentiality.

Source: NMFS Blend Data and WPR Data, June 2001.

**Table 1.12-9. Processing Summary of Floating Inshore Plants, 1992-2000**

YEAR	Round Weight Tons (Thousands) <sup>a</sup>	Product Tons (Thousands) <sup>b</sup>	Utilization Rate (Product Tons/Round-weight Tons) <sup>c</sup>	Wholesale Value (\$Millions) <sup>d</sup>	\$/Round-weight Ton <sup>e</sup>
1992	21.65	10.04	0.46	16.18	747
1993	3.87	2.23	0.58	5.31	1,373
1994	4.67	2.01	0.43	4.52	967
1995	12.36	5.37	0.43	9.64	780
1996	9.98	4.31	0.43	7.27	728
1997	5.49	1.81	0.33	4.64	845
1998	1.47	0.80	0.54	1.41	958
1999	3.05	2.95	0.97	3.52	1,153
2000	18.04	7.73	0.43	20.85	1,156

<sup>a</sup>Total groundfish reported tons—retained and discarded from NMFS Blend Data, June 2000.

<sup>b</sup>Total groundfish final product from NMFS Weekly Production Reports, June 2000.

<sup>c</sup>Total final product as a percent of total groundfish reported tons (column 2 ÷ column 1).

<sup>d</sup>Total final product value from NMFS Weekly Production Reports with product prices from ADF&G Commercial Operator Annual Reports.

<sup>e</sup>Total value of final product per round weight ton reported (column 4 ÷ column 1).

**Table 1.12-10. Estimated Full-Time Equivalent Employment Generated by Groundfish-Related Activity by Floating Inshore Plants, 1992-2000**

Year	Total Groundfish FTE Employment	Total Number of Facilities	Average Groundfish FTE Employment	Average Vessel Crew Size
1992	267	5	53	NA
1993	305	3	102	NA
1994	272	4	68	NA
1995	301	4	75	NA
1996	379	3	126	NA
1997	406	3	135	NA
1998	384	3	128	NA
1999	461	3	154	NA
2000	351	3	117	145

Source: Calculated by Northern Economics from NMFS Blend and Weekly Production Report Data.

Total groundfish FTE positions for shore plants were estimated using NMFS WPR data for each year, and dividing by the amount of product per labor hour. Productivity information was taken from Northern Economics (1990 and 1994), and adjusted if necessary to reflect more recent productivity information derived from NMFS Observer Data. The product of these data was divided by 1,780 working hours per year (after vacations, holidays, sick leave, etc.) to arrive at a total groundfish FTE employment by sector.

Total number of facilities is from NMFS Blend Data.

Average groundfish FTE is the total groundfish FTE divided by the number of facilities.