

Groundfish Fisheries

The Alaskan domestic groundfish catch thru the end of July was over 180 million pounds (81798.4 metric tons). Into August, domestic cod landings and 5 Joint Ventures continued to operate near the Aleutian Islands and Alaska Peninsula areas. Up to 11 foreign processors and 15 domestic vessels participated in the groundfish harvest. Minor groundfish landings in most of the Gulf of Alaska and depressed sablefish landings for late summer in Southeast added some to the total landings.

A final 1980 domestic catch has been tabulated for Alaska, totalling 97,992,000 pounds (44448.9 metric tons). Eighty-seven percent of this catch was from the Bering Sea/Aleutian Islands area, and 22.4 percent of the total catch was taken by domestic operations other than Joint Ventures.

Salmon

Southeast Alaskan troll salmon harvest for kings in outside State waters was reopened and continued through September 20. Prior to the reopening on September 13, the king harvest was estimated at the lower end of the guideline harvest of 272,000. No estimate on the final king catch has been made, but the final open period for kings occurred during a period of heavy winds and rains in Southeast. The traditional winter troll fishery for kings inside the surf line waters of Alaska will open on October 1. Seasonal cumulative salmon landings for Southeast through August neared 18.6 million fish; 86 percent pinks, 4 percent cohos, 5 percent sockeye, 3 percent chums, and 2 percent kings.

Bristol Bay produced 27.7 million salmon in 1981, second only to the 28.1 million landed in 1980. Record landings of king, chum, sockeye, and coho salmon were recorded. Additional salmon landings for inside Alaskan waters are given in the attached table. These preliminary summaries will be finalized in reports for the December Board of Fisheries and NPFMC meetings.

Shellfish

All shellfish landings for Alaska are given in the attached Preliminary Shellfish Statistics thru July. Opilio Tanner crab fishing was closed on September 1.

The Westward king crab fishery opened September 15 from the Kodiak area westward. Population assessment surveys indicate harvest guidelines and projected harvest ranges as follows:

1981 Harvest Guidelines and Projected Harvest Range - King Crab

	<u>Projected Harvest</u>	<u>Guideline Harvest Level</u>
Kodiak Area (K)	22.5	13.6 to 26.0
Sand Point Area (M)	3.0	2.0 to 4.0
Dutch Harbor Area (O)	5.0	2.0 to 10.0
Adak Area (R)	1.5	.5 to 3.0
Bristol Bay Area (T)	40.0	40.0 to 100.0
Bering Sea Area (Q)	7.0	5.0 to 8.0

ALL ALASKAN WATERS
1981 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	27.0	3157.4	13103.4	19043.3	3408.5	6004.5	5945.9	-	-	-	-	-	50690.0
Sablefish (1)	5.0	28.0	9.0	74.6	278.2	31.5	11.2	-	-	-	-	-	437.5
Pacific Cod	138.5	849.2	722.8	874.0	4902.8	4512.7	1812.2	-	-	-	-	-	13812.3
Flounder	151.2	57.1	19.9	22.6	3544.6	3120.1	5473.1	-	-	-	-	-	12388.5
Pacific Ocean Perch	0.0	.1	0.0	0.0	0.0	1.2	.9	-	-	-	-	-	2.2
Rockfish	10.6	15.5	54.4	47.0	29.2	35.9	3.7	-	-	-	-	-	196.4
Atka Mackerel	0.0	0.0	0.0	0.0	1251.9	238.4	142.6	-	-	-	-	-	1632.9
Other	39.1	19.1	60.4	42.2	848.5	303.6	1325.6	-	-	-	-	-	2638.5
Total	371.4	4126.5	13970.1	20103.6	14263.8	14247.9	14715.3	-	-	-	-	-	81798.4

1) Dressed Weight

Alaska Department of Fish and Game 09/08/81

BERING SEA GROUND FISH - ALL AREAS
1981 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	0.0	885.4	6198.3	11063.3	3403.1	5686.9	5945.9	-	-	-	-	-	33182.9
Sablefish (1)	0.0	0.0	0.0	0.0	.2	4.5	8.0	-	-	-	-	-	12.7
Pacific Cod	49.3	754.2	509.6	714.3	4878.3	4280.0	1682.8	-	-	-	-	-	12868.6
Flounder	0.0	0.0	0.0	.2	3544.6	3120.1	5473.1	-	-	-	-	-	12138.0
Pacific Ocean Perch	0.0	0.0	0.0	0.0	0.0	0.0	.9	-	-	-	-	-	.9
Rockfish	0.0	0.0	0.0	0.0	1.5	6.2	.2	-	-	-	-	-	7.9
Atka Mackerel	0.0	0.0	0.0	0.0	1251.9	238.4	142.6	-	-	-	-	-	1632.9
Other	0.0	3.0	0.0	.7	846.6	272.4	1321.3	-	-	-	-	-	2444.0
Total	49.3	1642.6	6707.9	11778.5	13926.2	13608.5	14574.8	-	-	-	-	-	62287.9

1) Dressed Weight

Alaska Department of Fish and Game 09/04/81

GULF OF ALASKA GROUND FISH-ALL AREAS
1981 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	27.0	2272.0	6905.1	7980.0	5.4	317.6	0.0	-	-	-	-	-	17507.1
Sablefish (1)	5.0	28.0	9.0	74.6	278.0	27.0	3.2	-	-	-	-	-	424.8
Pacific Cod	89.2	95.1	213.2	159.7	24.5	232.6	129.4	-	-	-	-	-	943.7
Flounder	151.2	57.1	19.9	22.4	0.0	0.0	0.0	-	-	-	-	-	250.5
Pacific Ocean Perch	0.0	.1	0.0	0.0	0.0	1.2	0.0	-	-	-	-	-	1.3
Rockfish	10.6	15.5	54.4	47.0	27.8	29.7	3.5	-	-	-	-	-	188.5
Atka Mackerel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	0.0
Other	39.1	16.1	60.4	41.5	1.9	31.2	4.3	-	-	-	-	-	194.5
Total	322.1	2483.9	7262.1	8325.1	337.6	639.3	140.5	-	-	-	-	-	19510.5

1) Dressed Weight

Alaska Department of Fish and Game 09/08/81

GULF OF ALASKA GROUND FISH - EASTERN
1981 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	0.0
Sablefish (1)	4.9	27.0	7.2	74.3	278.0	13.8	3.2	-	-	-	-	-	408.4
Pacific Cod	.2	7.0	2.6	6.6	4.1	5.1	.2	-	-	-	-	-	25.9
Flounder	148.0	36.5	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	184.6
Pacific Ocean Perch	0.0	0.0	0.0	0.0	0.0	1.2	0.0	-	-	-	-	-	1.2
Rockfish	10.5	15.4	21.6	23.1	22.8	23.5	3.5	-	-	-	-	-	120.5
Atka Mackerel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	0.0
Other	.5	7.2	.2	.9	1.4	11.1	4.1	-	-	-	-	-	25.4
Total	164.2	93.2	31.6	104.9	306.4	54.7	11.0	-	-	-	-	-	765.9

1) Dressed Weight

Alaska Department of Fish and Game 09/08/81

GULF OF ALASKA GROUND FISH - CENTRAL
1981 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	27.0	2272.0	6905.1	7980.0	5.4	42.3	0.0	-	-	-	-	-	17231.8
Sablefish (1)	.1	1.0	1.8	.3	0.0	.7	0.0	-	-	-	-	-	3.8
Pacific Cod	77.7	35.6	160.8	150.3	20.4	176.8	81.8	-	-	-	-	-	703.4
Flounder	3.2	20.6	19.9	22.4	0.0	0.0	0.0	-	-	-	-	-	66.0
Pacific Ocean Perch	0.0	.1	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	.1
Rockfish	.1	.1	32.8	23.9	4.9	6.1	.0	-	-	-	-	-	67.9
Atka Mackerel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	0.0
Other	38.5	8.9	60.3	40.6	.5	11.0	.2	-	-	-	-	-	160.1
Total	146.6	2338.2	7180.7	8217.4	31.2	236.8	82.0	-	-	-	-	-	18233.0

1) Dressed Weight

Alaska Department of Fish and Game 09/08/81

GULF OF ALASKA GROUND FISH - WESTERN
1981 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	0.0	0.0	0.0	0.0	-	275.3	0.0	-	-	-	-	-	275.3
Sablefish (1)	0.0	0.0	0.0	0.0	-	12.6	0.0	-	-	-	-	-	12.6
Pacific Cod	11.3	52.5	49.8	2.7	-	50.8	47.4	-	-	-	-	-	214.5
Flounder	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-	-	-	-	0.0
Pacific Ocean Perch	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-	-	-	-	0.0
Rockfish	0.0	0.0	0.0	0.0	-	.1	0.0	-	-	-	-	-	.1
Atka Mackerel	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-	-	-	-	0.0
Other	0.0	0.0	0.0	0.0	-	9.0	0.0	-	-	-	-	-	9.0
Total	11.3	52.5	49.8	2.7	-	347.8	47.4	-	-	-	-	-	511.5

1) Dressed Weight

Alaska Department of Fish and Game 09/08/81

ALL ALASKAN WATERS
1980 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	938.3	2347.0	1215.5	1746.1	1892.2	378.0	1503.1	2385.3	373.9	0.0	3.0	8.9	12791.4
Sablefish (1)	19.4	56.6	64.3	135.3	158.9	155.5	336.6	227.2	308.1	79.1	63.5	13.3	1617.7
Pacific Cod	320.5	2711.0	2048.7	2099.6	913.0	405.2	1083.3	2435.7	741.8	25.9	494.5	2008.8	15288.2
Flounder	69.9	131.9	83.3	218.2	361.7	2596.3	3732.7	3045.3	2525.0	1.8	1.5	45.6	12813.3
Pacific Ocean Perch	5.3	25.5	11.0	19.6	10.4	.9	.8	2.0	.3	0.0	0.0	0.0	75.7
Rockfish	1.7	14.8	12.9	11.7	34.6	35.4	44.5	23.5	19.7	4.7	4.2	7.4	215.0
Atka Mackerel	16.6	97.4	85.7	63.3	1.7	.1	0.0	3.1	0.0	0.0	0.0	0.0	267.9
Other	263.2	326.0	205.0	130.7	38.3	82.7	194.7	82.5	28.9	5.9	2.9	18.9	1379.6
Total	1635.0	5710.1	3726.4	4424.5	3410.8	3654.2	6895.6	8204.6	3997.7	117.4	569.6	2102.9	44448.9

1) Dressed Weight

Alaska Department of Fish and Game 09/11/81

BERING SEA GROUND FISH - ALL AREAS
1980 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	815.1	2008.6	771.0	990.9	1621.6	343.1	1503.1	2349.3	373.9	-	3.0	8.2	10787.7
Sablefish (1)	0.0	0.0	0.0	.9	1.6	.3	10.1	29.9	1.1	-	0.0	0.0	43.9
Pacific Cod	232.8	2646.6	1809.2	1739.7	782.1	395.1	1078.6	2429.0	710.7	-	493.5	1997.3	14314.7
Flounder	15.6	115.4	58.0	80.8	300.6	2594.6	3732.4	3042.5	2524.8	-	0.0	0.0	12464.7
Pacific Ocean Perch	5.3	23.9	9.6	7.3	3.3	.3	.7	1.4	.1	-	0.0	0.0	51.9
Rockfish	.4	6.3	1.7	.4	.1	0.0	1.2	.7	.1	-	0.0	0.0	10.9
Atka Mackerel	16.6	97.4	85.7	60.3	1.6	0.0	0.0	3.1	0.0	-	0.0	0.0	264.7
Other	151.9	142.0	87.5	86.7	19.4	77.3	177.0	68.0	21.9	-	2.7	13.6	848.0
Total	1237.7	5040.1	2822.7	2967.1	2730.3	3410.7	6503.1	7923.9	3632.6	-	499.2	2019.1	38786.5

1) Dressed Weight

Alaska Department of Fish and Game 09/11/81

GULF OF ALASKA GROUND FISH-ALL AREAS
1980 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	123.3	338.5	444.5	755.1	270.6	34.9	0.0	36.1	0.0	0.0	0.0	.8	2003.7
Sablefish (1)	19.4	56.6	64.3	134.4	157.3	155.2	326.5	197.2	307.0	79.1	63.5	13.3	1573.8
Pacific Cod	87.7	64.4	239.6	359.9	130.9	10.1	4.7	6.7	31.1	25.9	1.1	11.5	973.6
Flounder	54.2	16.5	25.3	137.4	61.1	1.7	.3	2.8	.2	1.8	1.5	45.6	348.6
Pacific Ocean Perch	0.0	1.6	1.4	12.3	7.1	.6	.1	.6	.2	0.0	0.0	0.0	23.8
Rockfish	1.3	8.5	11.2	11.3	34.5	35.4	43.3	22.8	19.6	4.7	4.2	7.4	204.1
Atka Mackerel	0.0	0.0	0.0	3.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2
Other	111.4	184.0	117.5	44.0	18.9	5.4	17.7	14.5	7.0	5.9	.2	5.3	531.6
Total	397.2	670.0	903.7	1457.4	680.5	243.5	392.5	280.7	365.1	117.4	70.4	83.8	5662.3

1) Dressed Weight

Alaska Department of Fish and Game 09/11/81

GULF OF ALASKA GROUND FISH - EASTERN
 1980 DOMESTIC CATCHES
 Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	1.6	249.6	172.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	423.8
Sablefish (1)	19.0	49.4	58.1	118.5	151.5	152.9	321.7	194.8	305.1	77.3	63.5	13.0	1524.9
Pacific Cod	.0	6.6	32.8	7.2	16.0	3.3	3.7	1.5	.7	.3	.4	1.5	74.0
Flounder	50.5	.1	.3	0.0	0.0	0.0	0.0	0.0	0.0	.1	.0	42.4	93.5
Pacific Ocean Perch	0.0	0.0	1.4	0.0	.1	.0	.1	.6	.2	0.0	0.0	0.0	2.4
Rockfish	1.3	7.3	11.2	5.5	31.5	30.1	41.7	15.0	6.5	1.5	3.9	7.2	162.6
Atka Mackerel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	5.2	53.4	41.3	.2	3.5	4.7	7.0	4.5	4.0	3.3	.2	2.6	129.7
Total	77.8	366.3	317.6	131.3	202.6	191.1	374.2	216.2	316.6	82.5	67.9	66.6	2410.7

1) Dressed Weight

Alaska Department of Fish and Game 09/11/81

GULF OF ALASKA GROUND FISH - CENTRAL
1980 DOMESTIC CATCHES
Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	121.7	88.9	194.6	755.1	270.6	34.9	0.0	.8	0.0	0.0	0.0	.8	1467.3
Sablefish (1)	.3	7.1	6.3	15.9	5.8	2.3	4.8	2.5	1.9	1.8	0.0	0.0	48.6
Pacific Cod	87.6	57.8	198.3	352.7	114.9	6.8	1.0	1.0	30.4	25.7	.7	4.7	881.6
Flounder	3.7	16.5	16.6	137.4	61.1	1.7	.3	.5	.2	1.7	1.5	3.3	244.5
Pacific Ocean Perch	0.0	1.6	0.0	12.3	7.0	.6	0.0	0.0	0.0	0.0	0.0	0.0	21.5
Rockfish	0.0	1.3	0.0	5.9	3.0	5.3	1.5	7.8	13.1	3.1	.3	.2	41.5
Atka Mackerel	0.0	0.0	0.0	3.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2
Other	106.1	130.6	76.2	43.8	15.4	.7	10.6	10.0	3.0	2.7	.0	2.7	401.9
Total	319.4	303.7	492.0	1326.1	477.9	52.4	18.3	22.7	48.5	34.9	2.5	11.7	3110.2

1) Dressed Weight

Alaska Department of Fish and Game 09/11/81

GULF OF ALASKA GROUND FISH - WESTERN
 1980 DOMESTIC CATCHES
 Metric Tons

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Pollock	-	-	77.3	-	-	-	-	35.3	-	-	-	0.0	112.6
Sablefish (1)	-	-	0.0	-	-	-	-	0.0	-	-	-	.3	.3
Pacific Cod	-	-	8.5	-	-	-	-	4.2	-	-	-	5.3	18.0
Flounder	-	-	8.3	-	-	-	-	2.3	-	-	-	0.0	10.6
Pacific Ocean Perch	-	-	0.0	-	-	-	-	0.0	-	-	-	0.0	0.0
Rockfish	-	-	0.0	-	-	-	-	0.0	-	-	-	0.0	0.0
Atka Mackerel	-	-	0.0	-	-	-	-	0.0	-	-	-	0.0	0.0
Other	-	-	0.0	-	-	-	-	0.0	-	-	-	0.0	0.0
Total	-	-	94.1	-	-	-	-	41.8	-	-	-	5.6	141.5

1) Dressed Weight

Alaska Department of Fish and Game 09/11/81

1981 CUMULATIVE ALASKA COMMERCIAL SALMON CATCH, BY SPECIES AND MANAGEMENT AREA
P R E L I M I N A R Y D A T A
Thousands of Fish

Alaska Department of Fish and Game
Division of Commercial Fisheries
Support Bldg.; Juneau, AK 99801
Compiled 30-Aug-81 (907)465-4210

MANAGEMENT AREA	THROUGH	CHINOOK	SOCKEYE	S P E C I E S COHO	PINK	CHUM	ALL
SOUTHEASTERN REGION							
Southern Southeast							
Portland Canal gill net	22-Aug	1.2	119.5	8.5	326.1	41.0	696.3
Prince of Wales Island gill net	22-Aug	1.8	162.5	21.8	328.9	29.1	544.1
Stikine River gill net	22-Aug	.5	13.9	1.0	6.4	6.6	28.4
Southern districts seine	22-Aug	1.4	249.9	84.4	8 888.2	137.1	9 361.0
Annette Island trse	22-Aug	-----1	-----11.2	-----2	-----154.4	-----1.2	-----167.8
Southern Southeast total		5.0	537.0	116.6	9 904.0	215.0	10 797.6
Northern Southeast							
Taku-Snettisham gill net	22-Aug	1.4	45.0	5.5	218.1	32.3	302.3
Lynn Canal gill net	22-Aug	.5	59.7	1.2	107.6	14.3	183.3
Yakutat gill net	22-Aug	2.0	147.3	3.1	96.5	3.9	252.8
Northern districts seine	22-Aug	-----1.4	-----54.2	-----23.4	4 131.8	-----163.2	4 324.5
Northern Southeast total		5.3	306.7	33.2	4 554.0	213.7	5 112.9
Southeastern Region troll	22-Aug	245.0	10.0	600.0	600.0	10.0	1 465.0
Southeastern Region total		255.3	873.7	749.8	15 058.0	438.7	17 375.5
CENTRAL REGION							
Bristol Bay							
Naknek and Kvichak districts	22-Aug	10.4	10 948.7	.8	.2	346.0	11 306.1
Mushagak District	22-Aug	194.8	7 713.4	218.8	.3	772.7	8 900.0
Egegik District	22-Aug	5.8	4 480.7	10.2	.1	87.5	4 584.3
Ugashik District	22-Aug	3.6	1 949.3	11.0		32.6	1 996.7
Togiak District	22-Aug	-----24.3	-----629.4	-----12.2	-----6.6	-----236.8	-----899.5
Bristol Bay total		238.9	25 712.7	253.0	7.2	1 474.8	27 686.6
Cook Inlet area							
Upper Cook Inlet							
Northern District	22-Aug	.6	231.5	115.3	48.1	42.4	437.9
Central District	22-Aug	-----9.6	-----1 032.2	-----302.3	-----66.4	-----713.0	-----2 129.2
Upper Cook Inlet total		10.2	1 269.4	417.6	114.5	755.4	2 567.1
Lower Cook Inlet							
Southern District	22-Aug	.3	86.5	3.2	1 431.6	29.9	1 551.5
Kawishak District	22-Aug		5.4	.1	64.8	76.7	147.0
Outer District	22-Aug	.1	18.1	0.0	1 598.7	215.2	1 832.1
Eastern District	22-Aug	-----	-----9.2	-----	-----35.4	-----3.2	-----47.8
Lower Cook Inlet total		.4	119.2	3.3	3 130.5	325.0	3 578.4
Cook Inlet area total		10.6	1 388.6	420.9	3 245.0	1 080.4	6 145.5
Cordova area							
Copper River	22-Aug	20.8	487.0	82.3	23.8	1.8	615.7
Bering River	22-Aug	.2	56.0	5.7	10.2	8.5	80.6
Prince William Sound	22-Aug	-----4	-----232.4	-----2.4	20 051.2	1 874.6	22 181.2
Cordova area total		21.4	795.4	90.4	20 085.9	1 884.9	22 878.0
Central Region total		270.9	27 896.7	764.3	23 338.1	4 440.1	56 710.1
ARCTIC-YUKON-KUSKOKWIM REGION							
Kuskokwim area	22-Aug	79.7	105.7	198.5	.4	485.6	869.9
Yukon River							
Lower Yukon River	22-Aug	149.8		21.6		1 244.6	1 416.0
Upper Yukon River	22-Aug	-----9.1	-----	-----	-----	-----323.2	-----334.8
Yukon River total		158.9		21.6		1 570.3	1 750.8
Morton Sound	22-Aug	7.9	0.0	23.7	232.4	172.8	436.8
Kotzebue area	22-Aug	.1			.2	677.3	677.6
Arctic-Yukon-Kuskokwim total		246.6	105.7	243.8	233.0	2 906.0	3 735.1
WESTWARD REGION							
Kodiak Island	22-Aug	1.2	1 089.6	74.9	9 958.3	1 235.5	12 359.3
Chignik	22-Aug	2.3	1 861.4	61.0	1 116.3	578.0	3 619.0
Alaska Peninsula & Aleutians							
South Peninsula	22-Aug	9.8	2 145.9	119.0	4 844.1	1 676.8	8 795.6
North Peninsula	22-Aug	18.0	1 714.8	17.1	1.3	675.1	2 426.3
Aleutian Islands	22-Aug	-----3.2	-----	-----	-----303.3	-----3.8	-----311.3
Peninsula & Aleutians total		27.8	3 864.9	136.1	5 148.7	2 355.7	11 533.2
Westward Region total		31.3	6 815.9	272.0	16 223.3	4 169.2	27 511.7
ALASKA TOTAL		804.1	35 692.0	2 029.9	54 852.4	11 954.0	105 332.4

1981 ALASKA COMMERCIAL SALMON CATCH, BY TIME PERIOD, SPECIES, AND MANAGEMENT AREA
 PRELIMINARY DATA
 Thousands of Fish

Alaska Department of Fish and Game
 Division of Commercial Fisheries
 Support Bldg., Juneau, AK 99801
 Compiled 30-Aug-81 (907)465-4210

MANAGEMENT AREA	FROM	THRU	CHINOOK	SOCKEYE	SPECIES COHO	PINK	CHUM	ALL
SOUTHEASTERN REGION								
Southern Southeast								
Portland Canal gill net	16-Aug	22-Aug	.1	3.6	3.3	91.7	4.5	103.2
Prince of Wales Island gill net	16-Aug	22-Aug	.1	.6	1.0	10.1	.4	12.2
Stikine River gill net	16-Aug	22-Aug	0.0	0.0	.6	.3	.1	1.0
Southern districts seine	16-Aug	22-Aug	.2	9.3	9.5	820.3	30.5	869.8
Annette Island trap	16-Aug	22-Aug	-----	-----	-----	-----	-----	-----
Southern Southeast total			.4	13.6	14.5	730.9	35.5	994.9
Northern Southeast								
Taku-Snettisham gill net	16-Aug	22-Aug		.5	2.0	.7	13.0	16.2
Lynn Canal gill net	16-Aug	22-Aug	0.0	1.5	.5	1.0	1.7	4.7
Takutat gill net	16-Aug	22-Aug		6.1	1.4	22.2	2.3	32.0
Northern districts seine	16-Aug	22-Aug	-----	-----	-----	-----	-----	-----
Northern Southeast total			0.0	8.2	7.3	153.0	25.7	185.2
Southeastern Region troll	16-Aug	22-Aug	10.0	-----	50.0	-----	-----	60.0
Southeastern Region total			10.4	21.8	71.8	1 107.8	61.2	1 273.0
CENTRAL REGION								
Bristol Bay								
Naknek and Kvichak districts	16-Aug	22-Aug						28.0
Nushagak District	16-Aug	22-Aug			28.0			1.0
Egegik District	16-Aug	22-Aug			1.0			2.0
Ugashik District	16-Aug	22-Aug			2.0			-----
Togiak District	16-Aug	22-Aug	-----	-----	-----	-----	-----	10.0
Bristol Bay total					11.0			41.0
Cook Inlet area								
Upper Cook Inlet								
Northern District	16-Aug	22-Aug		0.0	.1	0.0	.1	.2
Central District	16-Aug	22-Aug	-----	-----	-----	-----	-----	-----
Upper Cook Inlet total				.2	2.3	0.0	.4	2.9
Lower Cook Inlet								
Southern District	16-Aug	22-Aug		0.0	0.0	49.8		49.8
Kanishak District	16-Aug	22-Aug				11.2		11.2
Outer District	16-Aug	22-Aug			0.0	102.4		102.4
Eastern District	16-Aug	22-Aug	-----	-----	-----	-----	-----	-----
Lower Cook Inlet total				0.0	0.0	163.4		163.4
Cook Inlet area total				.2	2.3	163.4	.4	166.3
Cordova area								
Copper River	16-Aug	22-Aug	0.0	.4	50.4	.1		50.9
Bering River	16-Aug	22-Aug	0.0	0.0	5.4			5.4
Prince William Sound	16-Aug	22-Aug	-----	-----	-----	201.6	-----	201.6
Cordova area total			0.0	.4	55.8	201.7	-----	257.9
Central Region total			0.0	.6	99.1	365.1	.4	465.2
ARCTIC-YUKON-KUSKOKWIN REGION								
Kuskokwin area	16-Aug	22-Aug	.1	.6	74.4	0.0	.4	75.5
Yukon River								
Lower Yukon River	16-Aug	22-Aug			12.1		39.4	51.5
Upper Yukon River	16-Aug	22-Aug	-----	-----	-----	-----	-----	-----
Yukon River total					12.1		87.2	99.3
Horton Sound	16-Aug	22-Aug	0.0		10.7	0.0	1.4	12.1
Kotzebue area	16-Aug	22-Aug	0.0				51.1	51.1
Arctic-Yukon-Kuskokwin total			.1	.6	97.2	0.0	140.1	238.0
WESTWARD REGION								
Kodiak Island	16-Aug	22-Aug		18.7	29.6	840.6	46.7	934.6
Chignik	16-Aug	22-Aug		18.4	8.2	16.5	2.8	45.9
Alaska Peninsula & Aleutians								
South Peninsula	16-Aug	22-Aug		9.7	11.3	760.5	93.5	875.0
North Peninsula	16-Aug	22-Aug		121.0	10.0	.1	5.9	137.0
Aleutian Islands	16-Aug	22-Aug	-----	-----	-----	-----	-----	-----
Peninsula & Aleutians total			-----	130.7	21.3	770.6	102.1	1 024.7
Westward Region total			-----	147.3	58.1	1 627.7	151.6	2 005.2
-----			-----	10.5	190.8	3 100.6	333.3	3 981.4

1981 CUMULATIVE ALASKA COMMERCIAL SALMON PRODUCTION, BY SPECIES AND CATCH AREA 1/
P R E L I M I N A R Y D A T A
Thousands of Pounds

Alaska Department of Fish and Game
Division of Commercial Fisheries
Subport Bldg.; Juneau, AK 99801
Compiled 30-Aug-81 (907)465-4210

CATCH AREA	THROUGH	S P E C I E S						ALL
		CHINOOK	SOCKEYE	COHO	PINK	CHUM		
SOUTHEASTERN REGION								
Southern Southeast	22-Aug	45.9	2 623.5	611.8	45 586.8	1 565.6	50 433.6	
Northern Southeast	22-Aug	56.8	1 408.5	148.8	15 957.1	1 455.4	19 246.6	
Southeastern troll	22-Aug	3 650.0	3 311.3	3 261.0	2 225.0	78.2	7 319.5	
Southeastern Region total	22-Aug	3 752.7	4 296.3	4 041.5	63 319.3	3 099.2	78 999.5	
CENTRAL REGION								
Cordova area	22-Aug	411.3	3 936.6	609.6	73 438.0	11 394.3	39 789.8	
Cook Inlet	22-Aug	142.5	6 777.7	1 962.4	7 648.4	6 017.5	24 548.5	
Bristol Bay	22-Aug	3 371.0	129 213.2	1 182.9	21.4	7 565.4	133 052.4	
Central Region total	22-Aug	3 927.3	131 528.1	3 754.9	83 107.3	24 977.2	247 395.3	
ARCTIC-YUKON-KUSKOKWIM REGION								
Kuskokwim area	22-Aug	1 071.3	586.7	1 019.0	1.0	2 678.4	5 356.6	
Yukon River	22-Aug	2 941.4		121.6		8 367.9	11 430.9	
Norton Sound	22-Aug	121.7	0.0	118.2	609.7	925.4	1 775.0	
Kotzebue area	22-Aug	1.2				4 431.3	4 431.2	
Arctic-Yukon-Kuskokwim total	22-Aug	4 136.2	586.7	1 258.8	611.4	16 403.0	22 996.1	
WESTWARD REGION								
Kodiak Island area	22-Aug	18.3	5 090.1	365.1	29 607.7	6 520.8	41 502.0	
Chignik	22-Aug	39.7	9 598.1	349.5	3 228.4	2 687.8	15 903.5	
Alaska Peninsula & Aleutians	22-Aug	199.8	17 038.2	672.8	15 380.1	12 128.3	45 892.2	
Westward Region total	22-Aug	457.9	31 726.9	1 392.5	48 416.1	21 404.9	103 398.3	
ALASKA TOTAL	22-Aug	12 274.5	168 227.9	10 447.8	195 953.2	65 884.3	452 789.7	

1/ Estimated average dressed weight (without head).
The following multiplicative drawn (with head)-to-round conversion factors were used for Southeastern Alaska troll salmon: chinook 1.26; sockeye 1.18; coho 1.23; pink 1.12; chum 1.26.
The following multiplicative round-to-dressed weight conversion factors were used: chinook 0.73; sockeye 0.78; coho 0.75; pink 0.85; chum 0.73.
Average round (drawn for troll) weights were provided by ADF&G area biologists.
Column entries may not sum to regional or statewide totals because of rounding.

1981 SEASON AVERAGE COMMERCIAL ROUND SALMON WEIGHTS, BY SPECIES AND CATCH AREA 1/
P R E L I M I N A R Y D A T A
Pounds

Alaska Department of Fish and Game
Division of Commercial Fisheries
Subport Bldg.; Juneau, AK 99801
Compiled 30-Aug-81 (907)465-4210

CATCH AREA	THROUGH	S P E C I E S						ALL
		CHINOOK	SOCKEYE	COHO	PINK	CHUM		
SOUTHEASTERN REGION								
Southern Southeast	22-Aug	12.6	6.0	7.0	5.4	10.0	5.6	
Northern Southeast	22-Aug	14.7	6.7	6.8	4.1	9.3	4.5	
Southeastern troll	22-Aug	20.4	7.0	7.2	4.5	10.7	8.3	
Southeastern Region total	22-Aug	20.1	6.3	7.2	5.0	9.7	5.5	
CENTRAL REGION								
Cordova area	22-Aug	26.3	6.3	9.0	4.3	8.3	4.7	
Cook Inlet	22-Aug	18.4	6.3	6.2	3.5	7.6	5.1	
Bristol Bay	22-Aug	19.3	6.9	6.2	3.5	7.0	6.2	
Central Region total	22-Aug	19.9	6.0	6.6	4.2	7.7	5.5	
ARCTIC-YUKON-KUSKOKWIM REGION								
Kuskokwim area	22-Aug	18.4	7.1	6.8	3.0	7.6	8.3	
Yukon River	22-Aug	25.4		7.5		7.3	8.9	
Norton Sound	22-Aug	21.1		6.7	3.1	7.3	5.3	
Kotzebue area	22-Aug	23.2			3.9	9.0	9.0	
Arctic-Yukon-Kuskokwim total	22-Aug	23.0	7.1	6.9	3.1	7.7	8.4	
WESTWARD REGION								
Kodiak Island area	22-Aug	20.9	6.0	6.5	3.5	7.2	4.1	
Chignik	22-Aug	23.7	6.6	7.6	3.4	6.4	5.6	
Alaska Peninsula & Aleutians	22-Aug	19.2	6.2	6.6	3.6	7.1	5.1	
Westward Region total	22-Aug	20.0	6.0	6.8	3.5	7.0	4.7	
ALASKA TOTAL	22-Aug	20.9	6.0	6.9	4.2	7.5	5.4	

1/ The following multiplicative drawn-to-round weight conversion factors were used for Southeastern troll salmon: chinook 1.26; sockeye 1.18; coho 1.23; pink 1.12; chum 1.26.
Average round (drawn for troll) weights were provided by ADF&G area biologists.

16 August through 22 August

Alaska Department of Fish and Game
Division of Commercial Fisheries
Support Building, Juneau, AK 99801
Compiled 31-Aug-81 (907)465-4210

0013101-3AY
The lower chum Yukon fishery closed August 19 to provide for upriver escapement and fishing. The fall harvest of 340,000 chums is a record for the lower Yukon area. Record catches of fall chums have been occurring in District 5 of the upper Yukon. Coho catches have been good in Kuskokwim River Districts 4 & 5. Poor weather hindered fishing in District 1. Guinagak and Goodnews Bay fisheries peaked last week. The Kotzebue chum catch is an all time record. The only buyer ceased operation last week, resulting in minimal fishing activity. Kone and Unalakleet subdistricts are still open in Norton Sound. The Unalakleet coho harvest is above average for this time of year.

0013101-3AY
Pink salmon returns are declining in southern and northern districts resulting in low purse seine catches. Good pink landings were reported in the District 1 gill net fishery but were below average for District 6 fishermen. The fall fishery reopened August 20 and favorable catches of coho salmon were reported in some inside fishing areas. Good catches of chum salmon were reported in the Taku-Snettisham drift net fishery.

0013101-3AY
The weekly fishery closed as scheduled August 20. Good catches were reported from the Alitushak and Kukak sections on the mainland. The best fishing in the island area occurred at Ugalik and Barling Bay.

0013101-3AY
The Nushagak coho fishery is declining sharply with only 30-60 drift net units fishing. Effort is transferring from the Nushagak District as the Tagiak run increases in magnitude.

0013101-3AY
Effort has dropped considerably. Chignik Bay and Central Districts are remaining open Monday through Friday.

0013101-3AY
Although upper Cook Inlet fishermen have pressed for an extra Wednesday fishing period, fishing time will remain at two periods per week. Low catches this week were a result of windy weather and low effort as the season is ending. The lower Cook Inlet seine fishery is over and most processors have stopped purchasing fish. The pink and chum harvests have surpassed the record-setting 1979 season for pink salmon and the 1962 record chum harvest.

0013101-3AY
South Peninsula and Aleutian Island pink and chum runs are almost over. High winds prevented fishing activity in North Peninsula areas.

0013101-3AY
Extremely poor weather on the Copper River flats has temporarily stopped coho fishing. Fish have been soft and bruised from unusually warm water temperatures and excessive freshwater runoff. As a result, local processors have ceased operations. Fishermen continuing to fish will be depending on outside cash buyers.

ALASKA DEPARTMENT OF FISH AND GAME 1981 PRELIMINARY SHELLFISH STATISTICS THRU JULY AS OF AUGUST 25, 1981

MONTH	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS
<u>SOUTHEAST</u>																
	KING CRAB		DUNGNESS		TANNER CRAB		TRAWL SHRIMP		POT SHRIMP		SCALLOPS		ABALONE		OCTOPUS	
JAN	89,957	-0-	8,305	-0-	321,907	-0-	133,396	-0-	1,679	-0-	1,446	-0-	10,898	-0-	1,267	-0-
FEB	187,508	-0-	9,274	-0-	625,550	-0-	71,660	-0-	1,232	-0-	15,756	-0-	26,475	-0-	652	-0-
MAR	171,033	-0-	1,331	-0-	961,364	3,165	26,173	-0-	3,263	-0-	58,563	-0-	51,648	-0-	356	-0-
APR	88,097	-0-	-0-	-0-	384,838	1,226	3,682	-0-	5,180	-0-	104,199	-0-	61,136	-0-	-0-	-0-
MAY	19,055	-0-	-0-	-0-	28,100	-0-	112,473	-0-	6,865	-0-	92,722	-0-	43,767	-0-	96	-0-
JUN	32,116	-0-	2,871,484	-0-	-0-	-0-	27,505	-0-	3,352	-0-	119,226	-0-	-0-	-0-	-0-	-0-
JUL	-0-	-0-	489,912	-0-	615	-0-	-0-	-0-	1,327	-0-	-0-	-0-	-0-	-0-	-0-	-0-
ACCUM	587,766	-0-	3,380,306	-0-	2,322,374	4,391	374,889	-0-	22,898	-0-	391,912	-0-	193,924	-0-	2,371	-0-

PRINCE WILLIAM SOUND

MONTH	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS
<u>PRINCE WILLIAM SOUND</u>														
	KING CRAB		DUNGNESS		TANNER CRAB		TRAWL SHRIMP		POT SHRIMP		OCTOPUS		RAZOR CLAMS	
JAN	10,063	-0-	240	-0-	168,145	-0-	17,709	-0-	6,375	-0-	-0-	-0-	-0-	-0-
FEB	7,559	-0-	-0-	-0-	540,223	-0-	15,450	-0-	8,805	-0-	-0-	-0-	-0-	-0-
MAR	1,710	-0-	-0-	-0-	809,222	-0-	13,696	-0-	9,063	-0-	-0-	-0-	-0-	-0-
APR	-0-	-0-	63,193	-0-	614,382	-0-	93	-0-	16,123	-0-	-0-	-0-	-0-	-0-
MAY	-0-	-0-	375,555	-0-	381,462	-0-	205	-0-	8,230	-0-	-0-	-0-	8,115	-0-
JUN	-0-	-0-	333,760	-0-	-0-	-0-	19,690	-0-	10,269	-0-	-0-	-0-	16,644	-0-
JUL	-0-	-0-	300,938	-0-	-0-	-0-	-0-	-0-	14,738	-0-	-0-	-0-	3,950	-0-
ACCUM	19,332	-0-	1,073,686	-0-	2,513,434	-0-	66,843	-0-	73,603	-0-	-0-	-0-	28,709	-0-

COOK INLET

MONTH	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS
<u>COOK INLET</u>														
	KING CRAB		DUNGNESS		TANNER CRAB		TRAWL SHRIMP		POT SHRIMP		OCTOPUS		RAZOR CLAMS	
JAN	92,101	-0-	4,495	-0-	639,399	-0-	799,235	-0-	-0-	-0-	702	-0-	-0-	-0-
FEB	91,240	-0-	7,276	-0-	509,018	-0-	732,986	-0-	104,716	2,608	416	-0-	-0-	-0-
MAR	19,261	-0-	15,494	-0-	659,851	-0-	176,485	-0-	-0-	-0-	-0-	-0-	-0-	-0-
APR	-0-	-0-	10,161	-0-	427,449	-0-	-0-	-0-	-0-	-0-	375	-0-	8,179	-0-
MAY	-0-	-0-	115,571	-0-	202,792	-0-	-0-	-0-	848	-0-	528	-0-	110,158	-0-
JUN	-0-	-0-	332,072	-0-	-0-	-0-	-0-	-0-	31,384	-0-	-0-	-0-	103,674	-0-
JUL	-0-	-0-	453,894	-0-	-0-	-0-	627,546	-0-	24,708	-0-	-0-	-0-	111,096	-0-
ACCUM	202,602	-0-	938,963	-0-	2,438,509	-0-	2,332,252	-0-	161,656	2,608	2,021	-0-	333,107	-0-

KODIAK

MONTH	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS		
<u>KODIAK</u>																
	KING CRAB		DUNGNESS		TANNER CRAB		TRAWL SHRIMP		POT SHRIMP		SCALLOPS		RAZOR CLAMS		OCTOPUS	
JAN	926,393	-0-	-0-	-0-	-0-	-0-	215,940	30,000	-0-	-0-	3,168	-0-	-0-	-0-	428	-0-
FEB	-0-	-0-	-0-	-0-	488,719	-0-	256,390	-0-	60	-0-	30,111	-0-	-0-	-0-	113	-0-
MAR	-0-	-0-	13,726	-0-	9,204,581	8,231	-0-	-0-	100	-0-	12,030	-0-	-0-	-0-	1,407	-0-
APR	-0-	-0-	47,896	-0-	1,715,588	150	-0-	-0-	-0-	-0-	759	-0-	-0-	-0-	41	-0-
MAY	-0-	-0-	274,258	-0-	330,260	1,100	-0-	-0-	-0-	-0-	15,370	-0-	4,108	-0-	-0-	-0-
JUN	-0-	-0-	602,258	-0-	-0-	-0-	24,950	-0-	-0-	-0-	7,581	-0-	1,954	-0-	-0-	-0-
JUL	-0-	-0-	1,397,248	-0-	-0-	-0-	8,000	-0-	-0-	-0-	36,070	-0-	-0-	-0-	-0-	-0-
ACCUM	926,393	-0-	2,335,386	-0-	11,739,148	9,481	505,280	30,000	160	-0-	105,089	-0-	6,062	-0-	1,989	-0-

CHIGNIK

MONTH	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS	CATCH	LOSS		
<u>CHIGNIK</u>												
	KING CRAB		TANNER CRAB		TRAWL SHRIMP		SOUTH PENINSULA KING CRAB		TANNER CRAB		TRAWL SHRIMP	
JAN	19,275	-0-	200,435	1,696	-0-	-0-	256,506	917	1,130,974	4,508	-0-	-0-
FEB	-0-	-0-	665,335	8,209	-0-	-0-	-0-	-0-	735,791	4,092	-0-	-0-
MAR	-0-	-0-	1,012,456	9,166	-0-	-0-	-0-	-0-	666,710	2,183	-0-	-0-
APR	-0-	-0-	734,992	2,465	-0-	-0-	-0-	-0-	5,692	-0-	-0-	-0-
MAY	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
JUN	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
JUL	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
ACCUM	19,275	-0-	2,613,218	21,536	-0-	-0-	256,506	917	2,539,167	10,783	-0-	-0-

DUTCH HARBOR

	KING CRAB		DUNGENESS		TANNER CRAB		HAIR CRAB		TRAWL SHRIMP		OCTOPUS		ADAK-WESTERN ALEUTIANS			
													KING CRAB	TANNER CRAB		
JAN	3,222,900	22,007	-0-	-0-	14,765	-0-	-0-	-0-	157,162	-0-	1,018	-0-	389,803	-0-	28,555	-0-
FEB	708,638	6,070	-0-	-0-	135,970	30,200	584	-0-	60,970	-0-	100	-0-	730,935	54,060	137,115	-0-
MAR	-0-	-0-	-0-	-0-	328,234	1,181	1,407	-0-	155,810	-0-	762	-0-	298,329	300	55,046	-0-
APR	-0-	-0-	-0-	-0-	119,543	2,750	4,270	-0-	428,793	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MAY	-0-	-0-	-0-	-0-	18,677	-0-	489	-0-	849,779	-0-	120	-0-	-0-	-0-	-0-	-0-
JUN	-0-	-0-	-0-	-0-	2,494	-0-	-0-	-0-	495,103	-0-	-0-	-0-	-0-	-0-	-0-	-0-
JUL	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
ACCUM	3,931,538	28,077	-0-	-0-	619,683	34,131	6,750	-0-	2,147,617	-0-	2,000	-0-	1,419,067	54,360	220,716	-0-

BERING SEA

	KING CRAB		BAIRDI CRAB		OPILIO CRAB		HAIR CRAB		TRAWL SHRIMP		OCTOPUS	
JAN	-0-	-0-	178,046	-0-	7,628	100	4,228	-0-	-0-	-0-	-0-	-0-
FEB	-0-	-0-	3,560,458	4,962	460,974	13090	7,634	-0-	-0-	-0-	1,749	-0-
MAR	-0-	-0-	12,449,829	43,901	8,623,411	195595	134,948	6,650	-0-	-0-	10,530	-0-
APR	-0-	-0-	11,412,942	23,125	19,772,352	431044	282,764	2,828	-0-	-0-	2,587	-0-
MAY	-0-	-0-	1,999,152	28,606	19,002,324	1188516	1,025,648	62,461	-0-	-0-	1,000	-0-
JUN	-0-	-0-	-0-	-0-	3,993,394	381800	526,992	123,700	-0-	-0-	4,170	-0-
JUL	144,492	-0-	-0-	-0-	170,945	18484	24,808	1,000	-0-	-0-	5,228	-0-
ACCUM	144,492	-0-	29,600,427	100,594	52,031,028	2228629	2,007,022	196,639	-0-	-0-	26,934	-0-

STATEWIDE TOTALS

	KING CRAB		TANNER CRAB		DUNGENESS		TRAWL SHRIMP		POT SHRIMP		SCALLOPS		OCTOPUS
JAN	5,006,998	22,924	2,689,854	6,304	13,040	-0-	1,323,442	30,000	8,054	-0-	4,614	-0-	3,415
FEB	1,725,880	60,130	7,859,153	460,760	16,550	-0-	1,137,456	-0-	114,813	2608	45,867	-0-	3,030
MAR	490,333	300	34,770,704	263,422	30,551	-0-	372,164	-0-	12,426	-0-	70,593	-0-	13,055
APR	88,097	-0-	35,182,086	460,760	121,250	-0-	432,568	-0-	21,303	-0-	104,958	-0-	3,003
MAY	19,055	-0-	21,962,767	1,218,222	765,384	-0-	962,437	-0-	15,943	-0-	108,092	-0-	1,744
JUN	32,116	-0-	3,995,888	381,800	4,139,574	-0-	567,248	-0-	45,005	-0-	126,807	-0-	4,170
JUL	144,429	-0-	171,560	18,484	2,641,992	-0-	642,189	-0-	40,773	-0-	36,070	-0-	5,228
ACCUM	7,506,908	83,354	117,018,339	3,073,274	7,728,341	-0-	5,437,504	30,000	258,317	2608	497,001	-0-	33,645