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ECONOMIC HARDSHIP - DEFINITION AND MEASUREMENT

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There is no single, universal definition for a term such as "economic hardship". Its meaning is related to the specific context in which it is used. In this case the purpose of the Alaska Commercial Fisheries Entry Act of 1973 and the regulations of the Commission established by the act will first be analyzed to discover this relevant meaning of "economic hardship". From an analysis of the latest draft of the "State Entity Limited Entry Apprenticeship Program" and the transferability alternatives which have been considered by the Limited Entry Study Group, the purpose or purposes of the proposed amendments to the fisheries entry program will then be determined. This will provide a reference from which further definitions of "economic hardship" will be suggested along with means of measuring its key elements.

Economic Hardship in the Act of 1973

The Alaska Commercial Fisheries Entry Act of 1973 has two purposes or sets of purposes: to promote (1) "the conservation and the sustained yield management of Alaska's fishery resource" and (2) "the economic health and stability of commercial fishing in Alaska". The first relates to the management of natural resources and the second to the welfare of an economic activity, commercial fishing. The findings of the Legislature are that "economic welfare of the fisheries...efficiency of the harvest, and the...management of the fishery resource" all are impaired or in danger of being impaired by present levels of participation in commercial fishing.

The primary economic orientation of the Act, therefore, is to health (or welfare) and efficiency of the "industry" of commercial fishing and its participants as of the effective date. It makes no reference to economic welfare or health of communities and does not extend its economic tests and standards to any fisheries group other than the existing gear operator. This is made specific by the definitions section of the Act (Sec. 380). As used in the Act, "fishery" means the "commercial taking of a specific fishery resource in a specific administrative area with a specific type of gear". The regulations implementing the Act provide code schedules for each of these dimensions of this economic activity: the species being taken, gear type and geographically defined areas. A second basic definition relates to the economic condition of each fishery so determined. An "economically healthy fishery" means a fishery, (a specific combination of specific gear, species and area) that yields a sufficient rate of economic return to the fishermen participating in it to provide for both the maintenance and the improvement of vessel and gear and the opportunity to experiment with new techniques. Health is measured, therefore, in something more than mere survival of the participants.

Not included in the definition section (but defined nonetheless) is the "distressed fishery", the opposite of a "commercially healthy fishery". These are fisheries for which the Commission "estimates that the optimum number of permits will be less than the highest number of units of gear fished in that fishery during any one of the four years immediately preceding January 1, 1973" (Sec. 230). The optimum number of units of gear for a fishery is to be estimated "based upon a reasonable balance" of the number of units necessary and/or sufficient to (1) maintain "an economically healthy fishery" (here defined as one which "will result in a reasonable average rate of return to the fishermen participating in that fishery"), (2) harvest the allowable commercial take, and (3) "avoid serious economic hardship to those currently engaged in the fishery" (i.e. as of January 1, 1973). The meaning of "economic hardship" is not given in the section dealing with optimum numbers, although it is to be one of the standards to be used in estimating such numbers. Clues to its meaning, however, can be found in other sections setting forth the basic duties of the Fisheries Entry Commision.

The Commission has been charged with three basic duties which when discharged determine the total number of units of gear and who will be allowed to fish in each designated fishery. The first is establishment of the maximum number of entry permits for initial entry. This is a simple statistical task of calculating the highest number of units of gear fished in the subject fishery during any one of four years immediately preceeding January 1, 1973 (Sec. 240). Following establishment of the maximum number of units of gear for the fishery, the Commission then determines which applicants from those currently engaged in the fishery shall receive entry permits. This is to be done by ranking applicants for entry permits according to the degree of hardship which they would suffer from exclusion from the fishery. Sec. 250 of the law provides that this shall be accomplished by a "reasonable balance of the following hardship standards:

> (1) degree of economic dependence upon the fishery, including but not limited to percentage of income derived from the fishery, reliance on alternative occupations, availability of alternative occupations, investment in vessels and gear;
>
> (2) extent of past participation in the fishery including but not limited to the number of years participation in the fishery, and the consistency of participation during each year.

The Commission then designates those applicants who would suffer significant economic hardship by exclusion and those who would suffer only minor economic hardship. (Sec. 250).

The third step to be taken by the Commission is to establish the optimum numbers which are to take the place of the maximum numbers of units of gear licenced in each fishery. This also presumably would take the place of any estimated optimums used in the initial decision to declare the subject fishery a distressed fishery and the standards to be used have been discussed above. (Sec. 290). The article title states

the essence of this final step, "Reduction to Optimum Number of Entry Permits" (Article 5). As this is a reduction from the maximum number of permits outstanding, the Commission is also to institute a buy-back program at this point (Sec. 310). Although several abortive starts have been made, the Commission has yet to determine any optimum numbers and in the light of pending court challenges and the almost impossible nature of the task is unlikely to do so.

The Commission's interpretation of "economic hardship" can be traced in a review of its implementation at the first two tasks. The maximum number of units of gear for each designated fishery were determined and regulations drawn up in 1974 setting up a point system for measuring the degree of economic dependence upon fishing (percentage of total income from fishing, investment in vessel and gear, and population of census district or county of domicile) and past participation (years fished as a gear operator 1969-72, number of weeks in each year, additional years fished as a gear operator 1965-68, and any year as a crewman 1965-72). A total of 40 possible points was divided equally between economic dependence and past participation. Any applicant scoring 20 or more points was considered to have demonstrated that they would suffer "significant hardship" from exclusion and all such applicants would automatically receive entry permits even if the total permits so issued for the fishery exceeded the maximum determined by the first step.

The point system is the key to "economic hardship" as defined in the Act and interpreted by the Commission. It was designed to determine the eligibility priority only of those who were actual gear operators as of January 1, 1973, and economic hardship was primarily measured in terms of loss of past investment of time and money in gear operation. Although one point was available for any year served as a crewman during the period 1965-72, the applicant still was required to be an actual gear operator as of the cut off date, and years fished and consistency of participation as a gear license holder carried the most weight (16 out of a possible 20 points).

The economic dependence standards were weighted similarly in favor of percentage of income from fishing and monetary investment (together a possible maximum of 16 points out of a total 20 points for economic dependence). Additional points were available for applicants domiciled in census divisions or counties with a 1970 population of less than 25,000 persons (4 points for such areas with less than 10,000 and 2 points for areas with more than 10,000 but less than 25,000 population in 1970). This was the proxy measure for "availability of alternative occupations". It is the only standard of hardship which has any relation to something other than the fishery itself and it can only support a maximum of four points as compared with a maximum of 36 points from investment of time (past participants and percent of total income generated) and money.

Further Dimensions of Economic Hardship in Amendment Proposals

New entrants into the fisheries via permit transfers presently are not subject to any economic hardship test. The transferee is only required to "establish present ability to participate actively in the fishery" (Sec. 160). Beyond a review by the Commission to assure that the transferee indeed has this intent and ability and that the terms and conditions of transfer do not violate the provisions of Section 150 of the Act, permits are freely transferable without any further legislative or administrative regulation. Free market factors determine subsequent entries into the fisheries, except those made through inheritance or gift. Because the permit is a limited asset and there have been continuing increases in the value of catch in the designated fisheries, the value of permits has risen to levels where ability to pay rather than economic hardship has become the test of eligibility for entry through purchase. This has and will increasingly become a bar to future entry of young persons and crew members into a fishery as gear operators. Study of transfer patterns of permit holders under free transferability for 1975-79 also indicates changes in residence allocation patterns from those initially resulting under the criteria of the Act in 1973 (Steve Langdon, "Preliminary Report on Transfer Patterns of Alaskan Limited Entry Fisheries Permit Holders"). If some of these changes become continuing trends, future geographic allocation of permit holders could undermine the basic economies of coastal communities dependent upon fisheries and the employment and income sources of their residents.

If the proposals being considered by the Limited Entry Study Group are put into final form as a single bill, the statement of findings probably would focus on these two developments taking place under the present program: (1) the trend (or potential trend) towards increasing exclusion of the traditional recruits into a fisheries (young persons and crew members), and (2) alteration in patterns of holders of permits which represent a withdrawal of the means of access to fisheries from communities traditionally dependent upon participation in the fisheries. Only the first is addressed in the present draft of the apprenticeship bill, but the second is implied (e.g. the use of lists of fishermen for each administrative area and references to families and the spreading of the permits "over as many families as possible").

The draft of the "State Entity Limited Entry Apprenticeship Program" does not use the term economic hardship, but it is concerned with the economic hardship caused by exclusion of a particular group, the young persons with "the predisposition and other fishery related attitudes" who would have been the traditional source of new entrants in the pre-limited entry permit period (Section II. A). Unless these persons inherit an entry permit from a member of their family, they must be able to raise substantial sums of money today to purchase a permit. For this reason, one of the stated purposes of the program is "to terminate the monetary value of the permit throught adoption of one of the transferability alternatives." These alternatives are not spelled out in the draft, but from the language in the other sections it is clear that with two exceptions it would be the State Entity rather than a current permit holder who determines how and to whom transfer is to be made. These two exceptions are "one who has fished as a crewmember and/or helper of a permit holder.., for 4-7 years, shall be termed a qualified transferee" and transference by a "legally drafted will from the permit holder to the child" (Section VIII).

All other pending transfers are to be by means of the State Entity administered apprenticeship program. (The proposal is silent as to whether the crew member transfer can require a financial consideration).

"The number of apprentices set for each administrative area shall be determined by the estimated number of permits available for that particular area within the succeeding two years" (Section V). From a list of active fishermen in each area, individual fishermen will be chosen by lottery to take an apprentice. The State will provide appropriate incentives to the chosen fishermen. (Sections V and VI). This is the means by which one of the key purposes is to be served: "To relate the future supply of apprentices to the probable number of future permits determined and made available for that particular administrative area, for a two year period from that determination" (Section II. E).

Eligibility requirements for being considered as an apprentice relate to experience, training and a special category for license holders who failed to obtain an entry permit (Section IV). Where the number of crewmembers of helpers selected exceeds the number of pending permits available, priority shall be given to "heads of households or...members of families, who presently don't own permits, but who substantially depend on fishing as a source of livelihood" (Section VII). This implies a measure of relative economic hardship similar to the dependency allowances in income taxes, namely that the exclusion of a head of a household in favor of a single person adversely effects the economic wellbeing of a greater number of persons. The preference for members of families dependent upon fishing (persons who are not necessarily heads of households) is related to the purpose of "spreading a limited asset, the entry permit, over as many families as possible" (Section II. C). Again, this relates to an objective of sharing the economic benefits to be derived from an economically healthy and growing fishery over as many people as possible and to give a favored treatment to those who have been dependent upon fisheries. Although forms of relative economic hardship, or the avoidance of this, are involved in these purposes, there is no need to define the term. It is not used directly as a standard for eligibility although it is part of the justification for such treatment.

As it is now drafted, the apprenticeship program bill requires the addition of some statement of findings as to the economic hardship considerations involved in its statement of purposes and the standards to be used in their implementation. There is no need for a technical definition of the term in the body of the bill as it is now constituted. In contrast, definitions of economic hardship are central to the two research contracts being conducted. The objective of the socio-economic research project is "to assess the relative economic wellbeing of Alaska's fishing communities and thereby identify areas of particular hardship," and the study of transfer patterns is directed not only to analysis of characteristics of the permit holders in each fishery but also the place of residency using five classifications (Nonresident, Alaska rural local, Alaska urban local, Alaska rural nonlocal and Alaska urban nonlocal).

This is an attempt to document geographic shifts in residence of permit holders and, in connection with the socio-economic project, provide a means for measuring and projecting relative economic hardship imposed upon communities by these changes. This suggests that the Limited Entry Study Group will be considering further proposals which will expand the present Act's focus upon the fishery (the resource and the economic activity) as the basis for determining economic hardship to include the fishing community. A number of measures and definitions of economic hardship or wellbeing on this basis have been available and in constant use for many years.

Economic Hardship and Wellbeing of Communities and Areas

The basis for determination of relative economic hardship and/or wellbeing which are generally recognized and measurable are (1) per capita personal income received by residents of the subject community, area or region (this is compared with other areas or with Federally established priority level thresholds for example), (2) level of employment and rate of participation of the total resident population in the workforce, and (3) the industrial composition of the subject economy and the degree of diversification of its basic or primary sector. The meaning and definition of these measures is well understood and established in Federal, State and even international statistical series, reports and studies. These standard definitions or references can be incorporated directly into any legislation which might be drafted. The socio-economic project of the Limited Entry Study Group is primarily devoted to the generation of appropriate statistics for the construction of these three sets of measurement, and modifications required to more precisely serve the fisheries objectives.

Per capita personal income: The U.S. Dept. of Commerce has for several decades calculated annual personal income and per capita income estimated for the nation and each state. Several attempts have been made to calculate similar measures for sub-regional units within Alaska (the MAP regional models, the Dept. Commerce census division). For application to the commercial fisheries entry permit question, however, these are not entirely appropriate. The sub-regional allocation of the State totals has simply been on the basis of the relative distribution of annual payroll data as reported by the Alaska Dept. of Labor. This does not include fish harvesting income or take into account the variation in composition of income received from wages and salaries, fish harvesting, and transfer payments. Each of these elements assumes a different relative importance in the composition of total income in each census division. A basis for allocating each is available from Dept. of Labor (wage and salary income), Dept. of Social Services (transfer payments) and Commercial Entry Commission (gross income from fisheries). We have been compiling data from these sources. The remaining task is to devise a means of reducing gross fisheries income to a net figure. For Alaska's rural census divisions, the total per capita personal income is not appropriate.

We are advocating the use of a non-governmental personal income calculus. For example, the presence of the Adak naval base in the Aleutian division completely overshadows the income condition of the other residents of the division. In other low population divisions, the earnings of school teachers, public health personnel and air force technicians similarly distort the usual per capita calculation.

Population: Dept. of Labor and Dept Comm. & Reg. Affairs make joint estimates of annual population of census divisions (total and civilian). These need to be adjusted to reflect non-government population for purposes of per capita calculations.

Economy structure: Monthly and annual employment estimates by industrial classification provide the best measures of the economic structure of each division. Wage and salary employment and income data by industry and by division are provided monthly by Dept. of Labor. Military personnel by division are provided annually by Dept. Defense sources. Fisheries employment is presently not provided, but can be estimated from fish ticket data. We are presently completing such estimates of fisheries employment. These series together provide the basis for determining the level of employment (and economic activity), the diversification of the basic sectors of the economy (in particular, the degree to which it is dependent upon fisheries) and alternative employment opportunities. The data also needs to be broken down by resident and non-resident workers. At present, published sources provide us with this data only for fisheries and means of estimating this division for other sectors have been developed.

By Dr. George Rogers

UNITS OF GEAR FISHED BY FISHERY AND RESIDENCE OF OPERATOR - 1969

AREA	GEAR	SOUTHEAST: ANGOON	HAINES	JUNEAU	KETCHIKAN	OUTER KETCHIKAN	PRINCE OF WALES	SITKA	SKAGWAY/ YAKUTAT	WRANGELL/ PETERSBURG	SOUTHEAST: TOTAL	PRINCE WM. SOUND: CORDOVA/ MC CARTHY	VALDEZ/WHITTIER CHITINA	PRINCE WM. SOUND: TOTAL	COOK INLET: KENAI COOK INLET	SEWARD	COOK INLET: TOTAL	SOUTHWEST: ALEUTIAN ISLANDS	KODIAK	SOUTHWEST: TOTAL	BRISTOL BAY: BOROUGH	DIVISION	BRISTOL BAY: TOTAL	ARCTIC-YUKON-KUSKOKWIM: BETHEL	KOBUK	KUSKOKWIM	NOME	WADE HAMPTON	ARCTIC-YUKON-KUSKOKWIM: TOTAL	ANCHORAGE: ANCHORAGE	MATANUSKA-SUSITNA	ANCHORAGE: TOTAL	OTHER: FAIRBANKS	UPPER YUKON	YUKON-KUSKOKWIM	OTHER	OTHER: TOTAL	ALASKA	OTHER STATES & COUNTRIES	AREA OF OPERATOR UNKNOWN
SOUTHEASTERN & YAKUTAT	PURSE SEINE	15		10	50	20	36	39		58	228																									228	232	14
	DRIFT GILL NET		37	70	63	9		3		95	277					1	1		2	2										2		2	2			2	284	244	24
	SET GILL NET		7	3				5	97	2	112								1	1					1			1	2		2				116	20	24
	POWER TROLL																																						
	HAND TROLL	35	6	349	255	14	76	459	57	326	1582	4		4		2	2								2			2	4		5	3			3	1592	219	150
	LONGLINE	1		10	8	1		23		34	67											1	1									1			1	69	14	4
	POTS			11	7			17		57	92	2		2				1		1																96	9	11
	OTTER TRAWL									1	1																									1		
	BEAM TRAWL									11	11																									11		
	DREDGE																																				4	3
	OTHER					1					1																									1		
PRINCE WILLIAM SOUND	PURSE SEINE			1				1		2	4	119	23	142	1		1												3	1	4					151	49	11
	DRIFT GILL NET				1		1	2		1	5	283	19	300	1	1	2		3	3									6		6	1			1	317	103	39
	SET GILL NET											15	3	18																						18	3	1
	TROLL							1	1		2	3	1	4		1	1												2		2					9		
	LONGLINE														1		1																			1		
	POTS											52	18	70	3		3												1		1					74	2	2
	OTTER TRAWL																																						
	SHOVEL																																						
	OTHER																																						
COOK INLET	PURSE SEINE														35	4	39												3		3					42	1	3
	DRIFT GILL NET				2						2	2		2	201	21	222	1	6	7				2				2	83		83	2	1		3	321	204	44
	SET GILL NET											1		1	196	7	203							1	2	1		1	5	106	6	112	1			1	322	9	43
	LONGLINE																											1	1							1		
	POTS														65		65		9	9									2		2					76	5	3
	OTHER														2		2																			2		
SOUTHWEST	PURSE SEINE				1			1			2	3		3	9	3	12	125	23	348								1	1	4		4				370	129	28
	DRIFT GILL NET							1			1							53		53		4	4	2				3	5	18		18				81	56	11
	SET GILL NET			4							4	1		1	2		2	27	89	116		3	3		1			8	9	18		18	5			5	158	37	15
	BEACH SEINE			1							1								5	5																6	2	2
	LONGLINE																											7	7										
	POTS							2		1	3	2		2	19		19	90	290	380										3		3				407	302	35
	OTTER TRAWL									1	1								20	20																21	2	2
	BEAM TRAWL																																						
	OTHER																																				4	1
BRISTOL BAY	DRIFT GILL NET			6	2	3	2	7		5	25	2	1	3	17	1	19	1	27	28	81	488	569	110	11	1	2	22	146	97		97	4			4	890	914	176
	SET GILL NET		2	1							3				5		5		7	7	88	247	335	12		1	3	11	27	52		52	3		3	6	435	81	112
	OTHER							1			1																										1		
ARCTIC YUKON KUSKOKWIM	PURSE SEINE																																						
	DRIFT GILL NET																																						
	SET GILL NET				1			1			2	1		1	3		3		11	11				403	87	15	160	390	1055	3		3	1	1	28	30	1095	1	62
	POTS																																				124	8
	OTHER																											3	3	1		1					4		
OTHER	SET GILL NET																																		6	6	6		1
	PURSE SEINE																								1				1					1	4	5	6		1

UNITS OF GEAR FISHED BY FISHERY AND RESIDENCE OF OPERATOR - 1970

AREA	GEAR	SOUTHEAST										PRINCE WM. SOUND			COOK INLET			SOUTHWEST			BRISTOL BAY			ARCTIC-YUKON-KUSKOKWIM						ANCHORAGE			OTHER				
		ANGOON	HAINES	JUNEAU	KETCHIKAN	OUTER KETCHIKAN	PRINCE OF WALES	SITKA	SKAGWAY/ YAKUTAT	WRANGELL/ PETERSBURG	TOTAL	CORDOVA/ MC CARTHY	VALDEZ/WHITTIER CHITINA	TOTAL	KENAI COOK INLET	SEWARD	TOTAL	ALEUTIAN ISLANDS	KODIAK	TOTAL	BARROW	DIVISION	TOTAL	BETHEL	KOBUK	KUSKOKWIM	NOME	MAINE HAMPTON	TOTAL	ANCHORAGE	MATANUSKA-SUSITNA	TOTAL	FAIRBANKS	UPPER YUKON	YUKON-KUSKOKWIM	OTHER	TOTAL	ALASKA	OTHER STATES & COUNTRIES	AREA OR OPERATOR UNKNOWN
SOUTHEASTERN & YAKUTAT	PURSE SEINE	18		13	44	17	38	46	1	80	257	1		1					3	3		1	1														262	208	15
	DRIFT GILL NET		43	107	75	10		7		117	359	1	1	2								1	1							2		2					364	201	64
	SET GILL NET		8	3				3	102	1	117																			3		3	3			3	123	21	11
	POWER TROLL																																						
	HAND TROLL	25	5	445	286	19	96	637	46	367	1926	5	1	6	4	7	11	2	3	5		1	1							11		11	3		1	4	1941	380	268
	LONGLINE	1		10	14		1	74		37	137	2	1	3					1	1																141	13	10
	POTS			8	6			8		47	69	1		1					3	3		1	1										1			1	75	6	14
	OTTER TRAWL									1	1																										1	1	
	BEAM TRAWL				1					10	11																										11		1
	DREDGE																																						
	OTHER									1	1																										1		
PRINCE WILLIAM SOUND	PURSE SEINE				1			2			3	132	23	155		1	1		2	2																166	38	14
	DRIFT GILL NET		1		1		1	3			6	350	20	370	3	1	4	1	3	4	1	1	2	3				1	4	31		31	1			1	422	79	34
	SET GILL NET											11	2	13																1		1					14	1	4
	TROLL							2			2					2	2																				4	4	
	LONGLINE											2		2	2	5	7					1	1							7		7					17	2	2
	POTS									4	4	43	5	48	1		1													1		1					54	2	6
	OTTER TRAWL																																						
	DREDGE																																						
	OTHER											1		1																							1		
COOK INLET	PURSE SEINE														54	11	65	1	2	3										1		1				69	1	2
	DRIFT GILL NET				1			1	1	1	4	4		4	234	21	255	2	8	10	1	3	4	1					1	112	2	114	2		2	4	376	143	32
	SET GILL NET								1		1	1		1	209	4	213		5	5				2	1	1		1	5	156	9	165	5			5	395	10	33
	LONGLINE											4		4	3	8	11													7		7					22	2	1
	POT								2		2	1		1	74	5	79		5	5										3		3					90	6	
	OTHER														3	1	4													1		1					5	2	
SOUTHWEST	PURSE SEINE				1			2			3	7	1	8	16	5	21	115	241	356								6	6	14		14	2	2		4	412	146	30
	DRIFT GILL NET			3	1			1			5	2		2	2		2	62		62	2		2					20	20	7		7					100	34	12
	SET GILL NET			2							3				3		3	18	82	100	1		1			1		19	20	4	2	6	2			2	125	37	
	BEACH SEINE																		8	8																	8	3	18
	LONGLINE																		1	1																	1		
	POTS				5				1	2	8	5		5	24	10	34	92	216	308		1	1					1	1	7		7					364	138	35
	OTTER TRAWL									2	2							3	33	36																	38	4	
	BEAM TRAWL																																						
	OTHER									2	2								1	1																	3	4	8
BRISTOL BAY	DRIFT GILL NET		1	12	3	1	2	1		5	25	4	3	7	27	4	31	1	27	28	72	46	533	109	12	2	5	21	149	173	2	175	9		1	1	11	959	667	153
	SET GILL NET		1	3	1		1		2		8	1	1	2	7	1	8	1	10	11	84	270	354	8	3		1	13	25	65		65	5		1	6	479	62	47
	OTHER			1							1										1	1	2										1			1	4			
ARCTIC YUKON KUSKOKWIM	PURSE SEINE																																						
	DRIFT GILL NET																																						
	SET GILL NET			1							1				3		3		14	14		4	4	532	122	16	118	42	830	8	2	10		2	32	34	896		40
	POTS				3				2		5				8	4	12	14	19	33																	50	70	11
	OTHER																							1					1						7	7	8			
OTHER	SET GILL NET																											1	1				1	1	5	7	8			
	FISH WHEEL																							1					1				1		7	8	9			

UNITS OF GEAR FISHED BY FISHERY AND RESIDENCE OF OPERATOR - 1971

AREA	GEAR	SOUTHEAST										PRINCE WM. SOUND			COOK INLET			SOUTHWEST			BRISTOL BAY			ARCTIC-YUKON-KUSKOKWIM						ANCHORAGE			OTHER				
		ANGOON	HAINES	JUNEAU	KETCHIKAN	OUTER KETCHIKAN	PRINCE OF WALES	SITKA	SKAGWAY/ YAKUTAT	WRANGELL/ PETERSBURG	TOTAL	CORDOVA MC CARTHY	VALDEZ/WHITTIER CHITINA	TOTAL	KENAI COOK INLET	SEWARD	TOTAL	ALEUTIAN ISLANDS	KODIAK	TOTAL	BOROUGH	DIVISION	TOTAL	BETHEL	KOBUK	KUSKOKWIM	NOME	WADE HAMPTON	TOTAL	ANCHORAGE	MATANUSKA-SUSITNA	TOTAL	FAIRBANKS	UPPER YUKON	YUKON-KOYUKUK	OTHER	TOTAL	ALASKA	OTHER STATES & COUNTRIES	AREA OR OPERATOR UNKNOWN
SOUTHEASTERN & YAKUTAT	PURSE SEINE	22		17	35	20	36	32		71	227																										227	233	22
	DRIFT GILL NET		52	166	103	21	4	8		120	464																			8		8	3			3	475	230	33
	SET GILL NET		6	3				8	86	2	105											1	1														106	14	22
	POWER TROLL																																						
	HAND TROLL	11	7	503	279	30	101	672	36	393	2032					1	1										1	2	3	4		4	4			4	2019	391	178
	LONGLINE			4	17	4		44		47	113	1		1																			1			1	115	13	5
	POTS			4	4			13		31	52	1		1																						53	4	5
	OTTER TRAWL																																						
	BEAM TRAWL									7	7																									7		1
	DREDGE																																						
	OTHER									1	1																									1			
PRINCE WILLIAM SOUND	PURSE SEINE				1			1		2	4	135	29	164	15	7	22		2	2										3	1	4	1			197	71	14
	DRIFT GILL NET				2			1			3	335	25	360	6	3	9		1	1		3	3	4				4	20	1	21	2			2	403	129	36
	SET GILL NET																																						
	TROLL											3		3		3	3													2		2				8		
	LONGLINE											3		3	6	3	9		1	1										1		1				14		1
	POTS											51	9	60	2		2							2				2	4						64		6
	OTTER TRAWL																																						
	TROLL																																						
	OTHER																																						
COOK INLET	PURSE SEINE														43	5	48		3	3										4		4				55	2	3
	DRIFT GILL NET				2				1		3	1		1	195	19	214	1	2	3	1	2	3							75		75	1			300	152	35
	SET GILL NET											1		1	213	6	219	1	1	2				2	1			1	4	113	10	123				319	10	30
	LONGLINE														19	18	37		1	1										8		8				46		
	POTS									2	2				116		116		5	5										7		7				130	2	11
	OTHER														10	2	12		1	1										6		6				19		
SOUTHWEST	PURSE SEINE	1			1			2		2	6	4	2	6	11	7	18	145	223	368							1	3	4	7	1	8	2		2	412	16	31
	DRIFT GILL NET																	66		66								17	17	1		1	1			85	45	11
	SET GILL NET			1						1								21	70	91		1	1			1		19	20	3		3	1		15	132	33	45
	BEACH SEINE																		9	9																9	5	
	LONGLINE																													3		3				3		
	POTS				3					1	4				19	8	27	66	161	227								6	6							264	92	35
	OTTER TRAWL									1	1							2	57	59																60	14	2
	BEAM TRAWL																																						
	OTHER																																						
BRISTOL BAY	DRIFT GILL NET		2	6	3	2	2	3		3	20	2		2	26	1	27	4	21	25	78	496	574	102	8	2	5	30	147	153		153	8		1	9	957	816	104
	SET GILL NET		2					1			3	1		1	6	1	7		4	4	80	248	328	1			2	8	11	42		42	7	1		8	404	67	86
	OTHER																																						
ARCTIC YUKON KUSKOKWIM	PURSE SEINE																																						
	DRIFT GILL NET																																						
	SET GILL NET														4		4	1	11	12		2	2	475	153	48	178	478	1332	7		7	1	1	159	159	1514		79
	POTS				3					2	5				4	1	5	8	10	18								2	2								60	59	8
	OTHER																																						
OTHER	SET GILL NET																																7	2	12	21	21		
	TERN SEINER																																3		15	18	18		5

UNITS OF GEAR FISHED BY FISHERY AND RESIDENCE OF OPERATOR - 1972

AREA	GEAR	SOUTHEAST: ANGOON	HAINES	JUNEAU	KETCHIKAN	OUTER KETCHIKAN	PRINCE OF WALES	SITKA	SKAGWAY/YAKUTAT	WRANGELL/PETERSBURG	TOTAL	PRINCE WM. SOUND: CORDOVA/MC CARTHY	VALDEZ/WHITTIER/CHITINA	TOTAL	COOK INLET: KENAI/COOK INLET	SEWARD	TOTAL	SOUTHWEST: ALEUTIAN ISLANDS	KODIAK	TOTAL	BRISTOL BAY: BOROUGH	DIVISION	TOTAL	ARCTIC-YUKON-KUSKOKWIM: BETHEL	KOBUK	KUSKOKWIM	NOME	WADE HAMPTON	TOTAL	ANCHORAGE: ANCHORAGE	MATANUSKA-SUSITNA	TOTAL	OTHER: FAIRBANKS	UPPER YUKON	YUKON-KUSKOKWIM	OTHER	TOTAL	ALASKA	OTHER STATES & COUNTRIES	AREA OR OPERATOR UNKNOWN
SOUTHEASTERN & YAKUTAT	PURSE SEINE	13	1	8	33	17	25	34	1	63	195																											195	185	14
	DRIFT GILL NET		52	127	97	15	1	6		156	454													1			2		3	1		1	2				2	462	272	31
	SET GILL NET		5	5				7	100	2	119																											118	12	8
	POWER TROLL																													5		5								
	HAND TROLL	31	8	319	387	27	102	541	45	355	1894	2		2	1	1	2										1	2	3	12	2	14	2		1	3	1918	296	105
	LONGLINE	1	2	17	14	2	1	53	7	70	167	28	11	39	5	4	9																				215	19	8
	POTS			5	9			41	1	30	66	2		2					4	4																	72	6	8
	OTTER TRAWL																		1	1																	1		
	BEAM TRAWL				1					8	9																										9		
	DREDGE																																							
	OTHER																																							
PRINCE WILLIAM SOUND	PURSE SEINE																																							
	DRIFT GILL NET		1	1							2	314	31	345	16	2	18		1	1				1	1			2		13	1	14					382	110	21
	SET GILL NET											16	2	18																1		1					19	3	4
	TROLL											5		5		3	3													1		1					9		
	LONGLINE				1			1		1	3	8	3	11	89	32	121	3	125	128						1			1	52	2	54					318	14	9
	POTS											99	15	114				1	10	11											2	2					127	4	6
	OTTER TRAWL																																							1
	TROWEL																																							
	OTHER											2		2	1		1																				3		
COOK INLET	PURSE SEINE												1	1	32	8	40													4		4					45	1	
	DRIFT GILL NET				1						1	2		2	189	10	209					1	1	1				1	2	61		61					276	90	34
	SET GILL NET														235	6	241	41	2	43				2		2		1	5	136	7	143			2	2	434	7	29
	LONGLINE														1	2	3		1	1								2	2	4		4					10	2	2
	POTS									1	1				134	3	137		3	3										3		3					144	5	12
	OTHER														11	3	14		1	1																	15		
SOUTHWEST	PURSE SEINE							1			1	4	4	8	21	7	28	126	246	371						1		3	4	12		12	1		1	2	426	126	29
	DRIFT GILL NET				1						1				3	1	4	75	3	78				1				22	23	2		2					108	71	11
	SET GILL NET			2							2				1		1	22	87	109		2	2			1		21	22	8	1	9	2			2	147	26	12
	BEACH SEINE																		17	17																	17	5	1
	LONGLINE							1		2	3	1		1	9	15	24													9		9					37	2	2
	POTS			2						1	3	3		3	10	9	19	88	168	256								3	3	4		4					288	115	27
	OTTER TRAWL			2						1	3	1		1				2	74	76		1	1					1	1								82	12	3
	BEAM TRAWL																		8	8										1							9		
	OTHER																																							
BRISTOL BAY	DRIFT GILL NET		2	6	2		1	2		2	15	6	1	7	17		17	6	22	28	68	486	554	88	10	1	5	19	123	118	2	120	4		1	5	868	611	138
	SET GILL NET		2						1		3		1	1		2	2		3	3	81	267	348	3			1	6	10	60		50	2			2	419	59	69
	OTHER																																							
ARCTIC YUKON KUSKOKWIM	PURSE SEINE											1		1																							1		
	DRIFT GILL NET																																		34	34	34			
	SET GILL NET														3		3		19	19		4	4	507	165	34	167	628	1901	9		9		1			1	1437	6	84
	POTS														12	3	15	14	8	22								4	4	1		1					42	64	7
	OTHER	19	3	133	243	28	87	232		253	1003				2		2		1	1								2	2	1		1	1			1	1010	180	64
OTHER	SET GILL NET																																		3		8	1	12	12		
	FISH WHEEL																																		3		5		8	8		

UNITS OF GEAR FISHED BY FISHERY AND RESIDENCE OF OPERATOR - 1973

AREA	GEAR	SOUTHEAST										PRINCE WM. SOUND			COOK INLET			SOUTHWEST			BRISTOL BAY			ARCTIC-YUKON-KUSKOKWIM						ANCHORAGE			OTHER				
		ANGOON	HAINES	JUNEAU	KETCHIKAN	OUTER KETCHIKAN	PRINCE OF WALES	SITKA	SKAGWAY/ YAKUTAT	WRANGELL/ PETERSBURG	TOTAL	CORDOVA MC CARTHY	VALDEZ/WHITTIER CHITINA	TOTAL	KENAI COOK INLET	SEWARD	TOTAL	ALEUTIAN ISLANDS	KODIAK	TOTAL	BARROW	DIVISION	TOTAL	BETHEL	KOBUK	KUSKOKWIM	NOME	WADE HAMPTON	TOTAL	ANCHORAGE	MATANUSKA-SUSITNA	TOTAL	FAIRBANKS	UPPER YUKON	YUKON-KUSKOKWIM	OTHER	TOTAL	ALASKA	OTHER STATES & COUNTRIES	AREA OR OPERATOR UNKNOWN
SOUTHEASTERN & YAKUTAT	PURSE SEINE	13		7	39	18	37	32		68	214																									214	151	19
	DRIFT GILL NET		62	176	132	24	3	6		209	644				3		3	1		1		2	2	1		1		2	2							622	336	43
	SET GILL NET			9				20	160	4	183	1		1																2		2				186	17	16
	POWER TROLL																																						
	HAND TROLL	47	21	648	463	113	181	843	37	716	3288	2		2					3	3		2	2					2	2	22		22	4			4	3309	426	6
	LONGLINE	3	9	85	78	10	32	148	17	272	654		1	1	3		3		4	4		1	1							9		9					672	78	27
	POTS				8	2		22		38	70	1		1		2	2		3	3																76	29	12
	OTTER TRAWL									1	1																									1	3	
	BEAM TRAWL									10	10																									10		
	DREDGE																																					
	OTHER																																				4	
PRINCE WILLIAM SOUND	PURSE SEINE											147	25	172	13	4	17		1	1										6	1	7	1			1	198	49	15
	DRIFT GILL NET			1							1	359	27	386	17	3	20		3	3										16	2	18	2			3	431	92	32
	SET GILL NET											11	1	12																		2				14	2	1
	TROLL											45		45		1	1													2		2				48	1	
	LONGLINE									7	7		35	35	17	15	32													46	1	47				1	121	1	9
	POTS											110	8	118		1	1	1	6	7										1		1				1	127	10	2
	OTTER TRAWL											1		1		1	1		2	2																4		1
	SHOVEL																																					
	OTHER																																					
COOK INLET	PURSE SEINE														35	6	41													6		6					47		1
	DRIFT GILL NET			1	1				1		3	1		1	267	9	276	1		1		2	2	4				1	5	71		71	1			1	360	133	25
	SET GILL NET											1		1	256	5	261		2	2		2	2		1			2	3	124	7	141	1		1	2	412	18	26
	LONGLINE			2	1			1		6	10				170	38	208		37	37				1		1			2	76		76	1			1	334	40	21
	POTS							2		2	4				291	9	300		7	7										20		20					331	9	20
	OTHER											1		1	6	2	8		1	1										2		2					12		
SOUTHWEST	PURSE SEINE									2	2	6		6	14	7	21	94	217	311								1	1	16		10			1	1	352	95	23
	DRIFT GILL NET		2	1	1			1		2	7	3		3	3		3	68		68		12	12					22	22	2		2					117	43	14
	SET GILL NET			1							1				3		3	25	76	101		4	4					21	21	7	1	8	1			1	139	18	16
	BEACH SEINE																		12	12																	12	3	2
	LONGLINE			1				3	1	3	8				7	6	13	31	177	208						2	1		3	8		8					240	57	10
	POTS							1	3	4	8	14	2	16	22	5	27	100	307	407		1	1			2		7	9	2		2	1			1	471	209	42
	OTTER TRAWL									2	2							8	95	103		2	2													107	14	12
	BEAM TRAWL												1	1				5	24	29																30		1
	OTHER											3		3																						3		
BRISTOL BAY	DRIFT GILL NET		1	5	2	2		1			11	11	1	12	29		29	1	14	15	75	977	1052	134	17	1	8	20	180	149	2	151	8			1	9	1359	740	109
	SET GILL NET			1							1					1	1		1	1	69	325	394	6				2	8	42		42	5			5	442	36	3
	OTHER																																					
ARCTIC YUKON KUSKOKWIM	PURSE SEINE																											2	2								2		
	DRIFT GILL NET																									17											17		
	SET GILL NET								2		2	3		3	3		3		14	14		6	6	723	158		243	515	1719	6	1	7	2	2	28	32	1786	9	82
	POTS											3	1	3	9	5	14	22	12	34		1	1					4	4								56	93	10
	OTHER																	3	1	4																4	5	
OTHER	SET GILL NET														1		1																2	1	10		13	14		2
	FISH WHEEL																											2	2				7	2	23		32	34		4

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UNITS OF GEAR FISHED BY FISHERY AND RESIDENCE OF OPERATOR - 1974

AREA	GEAR	SOUTHEAST											PRINCE WM. SOUND				COOK INLET			SOUTHWEST			BRISTOL BAY			ARCTIC-YUKON-KUSKOKWIM						ANCHORAGE			OTHER							
		ANGOON	HAINES	JUNEAU	KETCHIKAN	OUTER KETCHIKAN	PRINCE OF WALES	SITKA	SKAGWAY/ YAKUTAT	WRANGELL/ PETERSBURG	TOTAL		CORDOVA MC CARTHY	VALDEZ/WHITTIER CHITINA	TOTAL		KENAI COOK INLET	SEWARD	TOTAL		ALEUTIAN ISLANDS	KODIAK	TOTAL		BOROUGH	DIVISION	TOTAL		BETHEL	KODIK	KUSKOKWIM	NOME	WADE HAMPTON	TOTAL		ANCHORAGE	MATANUSKA-SUSITNA	TOTAL		FAIRBANKS	UPPER YUKON	YUKON-KUSKOKWIM	OTHER	TOTAL		ALASKA	OTHER STATES & COUNTRIES	AREA OR OPERATOR UNKNOWN
SOUTHEASTERN & YAKUTAT	PURSE SEINE	9		11	40	15	38	35		70	218										2	2									1	1									221	196	22
	DRIFT GILL NET		65	176	126	33		6		190	596									1		1		2	2		1				1		2		2						602	345	49
	SET GILL NET			4				13	124		141		3		3																		6		6						150	14	9
	POWER TROLL																																											
	HAND TROLL	52	8	640	681	148	221	797	39	758	3344						1		1		3	3			2	2		2			1	3		17		17		9			9	3379	567	179
	LONGLINE	8	14	91	69	19	23	104	8	219	5555						5		5		2	2												6		6		1			1	561	88	28
	POTS			22	20	2		29	7	46	126		3		3			3	3		4	4																				136	24	7
	OTTER TRAWL									1	1																															1	2	1
	BEAM TRAWL			1	3					7	11																															11		1
	DREDGE																																											
	OTHER				1						1																															1	1	
PRINCE WILLIAM SOUND	PURSE SEINE												17	7	24		3		3															2		2						29	3	4
	DRIFT GILL NET		1	1	1		1	2		1	7		325	17	142		10	2	12						1	1								14	1	15		3			3	38	95	25
	SET GILL NET												10	1	11																			1		1				2	2	14	2	3
	TROLL																	1	1																							1		
	LONGLINE									2	2		9	2	11		14	5	19															36	2	38						70	4	3
	POTS				2						2		120	8	128			1	1			5	5											2		2						138	7	2
	OTTER TRAWL												4		4																											4		
	SHOVEL												20		20																											20	1	
	OTHER																																										1	
COOK INLET	PURSE SEINE																39	5	44															8		8						52		
	DRIFT GILL NET				2				1		3		1	1	2		257	7	264					2	10	12		2		2	5	1	10	77	2	79						370	128	23
	SET GILL NET				1						1						302	15	317		1	1	2		3	3		3				3	6	161	16	177		3		1	4	510	16	26
	LONGLINE				1			1		4	6				1	1	145	39	184			18	18											55	1	56		1			1	266	19	9
	POTS									2	2						274	11	285			14	14							3			3	16		16						320	7	10
	OTHER																14	1	15			3	3																			18	1	1
SOUTHWEST	PURSE SEINE												3		3		7	7	14		83	217	300					1				2	3	7		7		1			1	338	86	19
	DRIFT GILL NET																				41		41									25	25	2		2						68	22	9
	SET GILL NET																1	1	2		28	81	109			6	6					22	22	5		5		2			2	146	19	15
	BEACH SEINE																					11	11																			11	2	1
	LONGLINE		1					1		1	3						3	3	6		29	80	109											3		3						121	42	7
	POTS				2					6	8		12	1	13		10	10	20		106	409	515									5	5	5		5						586	209	37
	OTTER TRAWL									2	2										12	100	112																			114	56	17
	BEAM TRAWL													1	1						2		2																			3		3
	OTHER																																										2	1
BRISTOL BAY	DRIFT GILL NET			2	1					2	5		3		3		10		10		2	7	9		57	336	388		29	1		1	7	38		35	2	37		2			2	482	114	24
	SET GILL NET				1						1											3	3		51	126	177			1			4	5		21		21		4		1	5	212	23	10
	OTHER																																											
ARCTIC YUKON KUSKOKWIM	PURSE SEINE																																											
	DRIFT GILL NET																																											
	SET GILL NET							2	2		4						11		11		4	36	40			5	5		478	289	26	251	582	1626		8		8			2	56	58	1762	5	74
	POTS									3	3		1		1		15	6	21		14	28	42										3	3		1		1					71	113	12
	OTHER																				3	1	4																			4	3	
OTHER	SET GILL NET												1		1																1		1					6	3	21		30	33			
	FISH WHEEL																1		1															1		1		8	6	59		73	75		1	

UNITS OF GEAR FISHED BY FISHERY AND RESIDENCE OF OPERATOR – 1975

AREA	GEAR	SOUTHEAST: ANCOON	HAINES	JUNEAU	KETCHIKAN	OUTER KETCHIKAN	PRINCE OF WALES	SITKA	SKAGWAY/ YAKUTAT	WRANGELL/ PETERSBURG	TOTAL	PRINCE WM. SOUND: CORDOVA MC CARTHY	VALDEZ/WHITTIER CHITINA	TOTAL	COOK INLET: KENAI COOK INLET	SEWARD	TOTAL	SOUTHWEST: ALEUTIAN ISLANDS	KODIAK	TOTAL	BRISTOL BAY: DUTCH	DIVISION	TOTAL	ARCTIC-YUKON-KUSKOKWIM: BETHEL	KODIAK	KUSKOKWIM	NOME	WADE HAMPTON	TOTAL	ANCHORAGE: ANCHORAGE	MATANUSKA-SUSITNA	TOTAL	OTHER: FAIRBANKS	UPPER YUKON	YUKON-KOYUKUK	OTHER	TOTAL	ALASKA	OTHER STATES & COUNTRIES	AREA OF OPERATOR UNKNOWN
SOUTHEASTERN & YAKUTAT	PURSE SEINE	9		6	41	12	26	37		64	195	2	19	21					1	1		1	1					1	1	1		1					220	131	23
	DRIFT GILL NET		58	126	73	20	2	6		130	415	2		2				2		2		2	2	2					2	3		3					426	187	61
	SET GILL NET			5				8	92	3	108																			3		3				1	112	14	12
	POWER TROLL	4	2	82	145	11	52	198	7	141	642					1	1								1			1	3		3	1			1	648	27	82
	HAND TROLL	41	4	264	351	107	89	346	8	326	1436											1	1					2	2	3		3	2			2	1444	57	184
	LONGLINE	9	26	124	60	35	43	144	8	277	726		2	2	6		6	1	2	3		2	2					1	1	8		8					749	88	82
	POTS			14	13	1	2	24	4	41	99	6	1	7					1	1		1	1													108	34	9
	OTTER TRAWL																																						
	BEAM TRAWL			1						8	9																										9		1
	DREDGE																																						
	OTHER																																						
PRINCE WILLIAM SOUND	PURSE SEINE							1			1	159		159	32	9	41		16	16										5	1	6	1			1	229	41	23
	DRIFT GILL NET		1				1	2			4	291	14	305	10	1	11		2	2										6	1	7					328	81	29
	SET GILL NET																													159		159							
	TROLL																																						
	LONGLINE			1				1		4	6	10		10	10	10	20													24		24					60	7	1
	POTS											74		74								1	1													75	1	2
	OTTER TRAWL											3		3					2	2																5		
	SHOVEL											19		19																						19		6
	OTHER																																						
COOK INLET	PURSE SEINE														64	13	77		8	8								1	1	4		4					90	2	3
	DRIFT GILL NET			1					1	1	3	4	2	6	231	10	241	1	2	3	2	1	3	1				1	2	62	1	63					321	128	29
	SET GILL NET				1				1		2				260	4	264		5	5				2		2	2	6		9	9	4		1	5	291	23	25
	LONGLINE							1		4	5				101	15	116		15	15				1				1		35		35					172	18	5
	POTS								3		3				159	13	172		5	5										1		1					181	3	5
	OTHER														4		4													2		2					6		1
SOUTHWEST	PURSE SEINE			1				1			2	5		5	12	5	17	74	222	296							1	1	2	12		12					334	81	20
	DRIFT GILL NET												1	1	3		3	44		44	1	8	9					18	18	5		5					80	26	12
	SET GILL NET			1							1				2		2	12	83	95		5	5					19	19	6	2	7	2			2	131	20	18
	BEACH SEINE																		7	7																	7	1	
	LONGLINE														1	2	3	46	347	393										1		1					397	27	3
	POTS									2	2	6		6	15	4	19	95	65	160		1	1					3	3	1		1					192	184	34
	OTTER TRAWL			3						2	5							4	14	18																	23	10	7
	BEAM TRAWL												1	1																							1		
	OTHER																																						
BRISTOL BAY	DRIFT GILL NET		2	6	3			1		3	15	5	3	8	18		18	2	17	19	62	429	491	73	5	1	3	12	94	86	2	88	8		1	9	792	384	97
	SET GILL NET														13	2	15		2	2	59	203	262	3				4	7	42	1	43	5			5	334	37	31
	OTHER																																						
ARCTIC YUKON KUSKOKWIM	PURSE SEINE																																						
	DRIFT GILL NET																																						
	SET GILL NET							1			1				2		2		32	32		3	3	835	237	13	202	632	1919	15	1	16	5	3	51	1	63	2034	2	39
	POTS									2	2				13	3	16	23	18	41								1	1	1		1					61	117	10
	OTHER				1						1																	1	1				1	1		2	4	6	
OTHER	SET GILL NET														1		1									3	4	2	9	2		2	17	4	31	1	53	65		
	FISH WHEEL																										9	2	11	3		3	23	1	97		121	135		3

UNITS OF GEAR FISHED BY FISHERY AND RESIDENCE OF OPERATOR - 1976

AREA	GEAR	SOUTHEAST										PRINCE WM. SOUND			COOK INLET			SOUTHWEST			BRISTOL BAY			ARCTIC-YUKON-KUSKOKWIM						ANCHORAGE			OTHER					
		ANGOON	HAINES	JUNEAU	KETCHIKAN	OUTER KETCHIKAN	PRINCE OF WALES	SITKA	SKAGWAY/ YAKUTAT	WRANGELL/ PETERSBURG	TOTAL	CORDOVA MC CARTHY	VALDEZ/WHITTIER CHITINA	TOTAL	KENAI COOK INLET	SEWARD	TOTAL	ALEUTIAN ISLANDS	KODIAK	TOTAL	BOROUGH	DIVISION	TOTAL	BETHEL	KOBUK	KUSKOKWIM	NOME	WADE HAMPTON	TOTAL	ANCHORAGE	MATANUSKA-SUSITNA	TOTAL	FAIRBANKS	UPPER YUKON	YUKON-KOYUKUK	OTHER	TOTAL	ALASKA	OTHER STATES & COUNTRIES	AREA OR OPERATOR UNKNOWN
SOUTHEASTERN & YAKUTAT	PURSE SEINE	7		7	43	12	30	29		69	197	1		1					1	1								1	1								200	170	26
	DRIFT GILL NET		57	117	84	26	1	12		122	418	2	2	4	3	2	5							1				1	1	3		3					431	190	69
	SET GILL NET		1	6	32	8	2	8	102	23	182								2	2										2		2	1			1	187	43	15
	POWER TROLL	5	2	79	118	16	44	201	6	132	603								1	1					1			1	2	3		3					602	181	81
	HAND TROLL	65	5	314	298	91	69	321	10	350	1523	1		1							2		2					7	7	3		3	3			3	1539	43	190
	LONGLINE	8	25	156	100	44	71	167	17	288	876	1		1	3	3	6	1	1	2								6	6	3		3	2			2	896	185	102
	POTS			19	9		1	26		29	84	3		3					1	1																	88	15	19
	OTTER TRAWL			1						1	2								2	2																	4		
	BEAM TRAWL				3					6	9																										9		3
	DREDGE																																						
	OTHER					1					1																										1		
PRINCE WILLIAM SOUND	PURSE SEINE				1			2		2	5	190	15	195	32	5	37	1	4	12										6	1	7	4			4	260	52	19
	DRIFT GILL NET		2					3			5	328	18	346	17	2	19		3	3								1	1	15		15	1			1	390	88	27
	SET GILL NET														1		1													1		1					2		
	TROLL																																						
	LONGLINE			1	1			8	1	5	16	16	3	19	25	13	38													22		22					94	12	1
	POTS											53		53	2	1	3	1	2	3										1		1					60	3	1
	OTTER TRAWL											3		3					2	2																	5		
	SHOVEL											5		5																1		1					6		
	OTHER															1	1																				1		
COOK INLET	PURSE SEINE							1			1		1	1	71	12	83	1	15	16										2		2					103	9	3
	DRIFT GILL NET											2	1	3	266	0	265	1	1	2				2				1	3	62	1	63	1		1	2	338	148	30
	SET GILL NET											1	1	2	279	4	283		5	5				1			1	2	4	1	12	13		4		4	311	14	29
	LONGLINE			1	3			2		4	10				117	14	131	1	22	23										45		45	1			1	210	23	1
	POTS							2		2	4	1		1	186	11	197		5	5								1	1	4		4					212	3	13
	OTHER														1		1													1		1					2		
SOUTHWEST	PURSE SEINE	1			2			1			4	6		6	17	4	21	98	241	339								2	2	12		12		1		1	385	112	30
	DRIFT GILL NET			1							1				1		1	54		54		10	10					16	16	4		4					86	32	14
	SET GILL NET			1							1							24	111	135		9	9					17	17	7		7	2			2	171	24	22
	BEACH SEINE																		14	14																	14	1	1
	LONGLINE				4					2	6	1		1	8	5	13	39	125	164										2	1	3					187	50	3
	POTS									6	6	9	3	12	14	12	26	112	405	517								9	9	3		3					593	175	24
	OTTER TRAWL			3						3	6							3	66	69	3		3														78	9	
	BEAM TRAWL																		11	11																	11		1
	OTHER																																						
BRISTOL BAY	DRIFT GILL NET		2	4	1		1	2		2	12	5		5	18		18	2	14	16	57	449	506	86	5	1	2	8	102	98	3	101	6			6	766	557	89
	SET GILL NET			3	3		1	1	1		9	2		2	15		15		7	7	64	251	315	3				3	6	46		46	3			3	403	57	42
	OTHER																																						
ARCTIC YUKON KUSKOKWIM	PURSE SEINE																																						
	DRIFT GILL NET																																						
	SET GILL NET	1						1			2				1		1		36	36		11	11	791	204	16	259	638	1908	7	7	14	1	1	47	49	2021	1	39
	POTS									4	5	4		4	16	7	23	47	51	105								9	9	2		2					148	210	13
	OTHER				1						1				1	1	2	3		3																	6	5	1
OTHER	SET GILL NET																									3	4	3	10	2		2	13	5	29	1	59		3
	PURSE SEINE																																						