ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES
FACT SHEET

	FY 84	FY 85	FY 86 Governor's Request
Budget (millions of $)	17.6	21.0	24.1
Staff:			
Permanent Full Time	180.4	194	192
Seasonal	462.0	475	530

Four regions, 22 area offices, 47 fishery units, 363 projects.

Resources - 1984 season

	Salmon	Herring	Halibut	Groundfish	Shellfish	Total
Catch (mil.lbs)	658.4	93.5	35.5	1,401.3	87.6	2,276.3
Value (mil.$)	348.0	19.8	26.6	107.2	95.8	597.4

Foreign Groundfish Catch 1,252,605 metric tons

Industry		1983	1984*
Major commercial fishing permits (new & renewals)		30,795	30,634
Permit Owners:	Resident	15,284	14,510
	Nonresident	3,376	3,174
		18,660	17,684
Crew members:			
Resident		18,219	17,903
Nonresident		10,490	9,508
		28,709	27,411
Vessel Licenses		17,537	16,391
Processors (Intents to Operate, excluding catcher/sellers)		502	550
Processing Work Employees, Annual Average		6,501	Not Available
Low (January) 2,271			
High (July) 15,500			

Revenues, FY 83	1983	1984
Fisheries Business Tax	$20.5	19.0 mil
Salmon Enhancement Tax	$ 2.6	2.2 mil
Marine Motor Fuel Tax (includes pleasure craft)	$ 4.3	3.9 mil
Crew Member Licenses (does not include revenue that went to Fishermen's Fund Insurance)	$ 0.688	1.222
Source: Department of Revenue		
Commercial Fishing Permit Fees (estimated)	$ 3.0	Not avail.
Commercial Fishing vessel License Fees (estimated)	$ 0.350	$0.327
Source: Commercial Fisheries Entry Commission		
Seafood Marketing Assessment (estimated)	$ 1.2	1.0 mil
Source: Alaska Seafood Marketing Institute		

* Preliminary Data

Value of Alaska's commercial fisheries to fishermen (ex-vessel value) in millions of dollars.

Species	1976	1977	1978	1979	1980	1981	1982	1983*	1984*
Salmon	118.0	170.8	243.9	344.6	281.3	398.3	310.3	325.7	348.0
Shellfish	97.5	158.7	227.8	238.7	215.2	234.5	213.5	145.4	95.8
Halibut	20.5	17.6	23.4	32.9	13.5	19.3	21.7	37.9	26.6
Herring	2.5	2.7	7.2	32.7	12.2	18.6	20.2	28.9	19.8
Groundfish	1.1	1.6	3.3	6.3	8.9	24.0	40.9	78.0 *	107.2*
All Commercial Fisheries	239.6	351.4	505.6	655.2	531.1	694.7	606.6	615.9	597.4

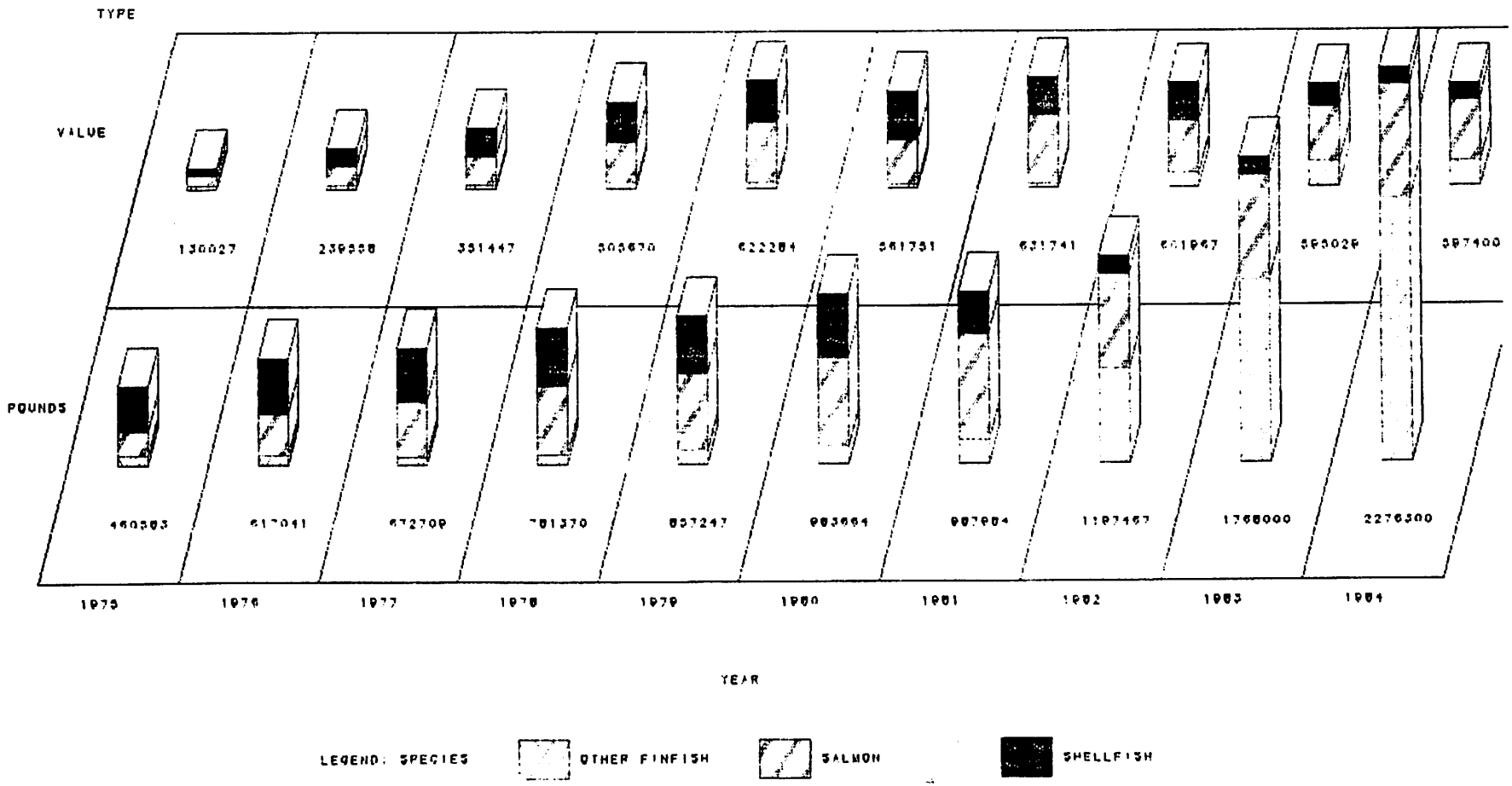
Compiled 1/16/85; 1983 and 1984 data preliminary estimates.

* 1983 and 1984 groundfish includes J.V. and D.A.P landings, in and out of Alaska.

1975)1984 COMMERICAL CATCH AND (EX-VESSEL) VALUE)

(IN THOUSANDS OF POUNDS AND DOLLARS)

BLOCK CHART OF SUMS

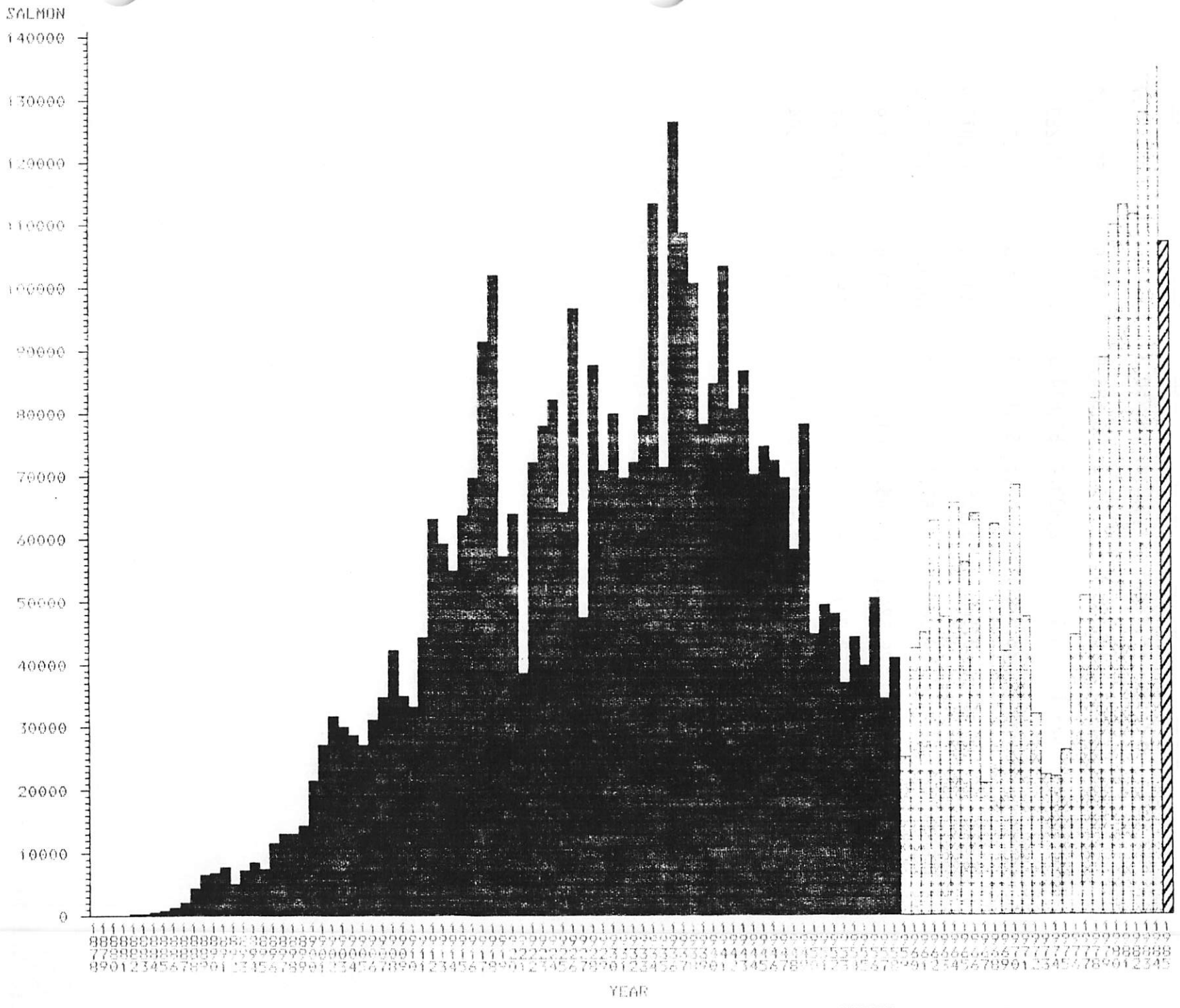


Alaska Halibut Landings and Value, 1978-1984

Year	U.A. Catch in Thousands of Pounds Area 2C	Area 3	Area 4	Total	Value in Millions of $
1978	3,746	8,438	624	12,808	23.4
1979	4,412	10,087	952	15,451	36.5
1980	3,260	10,291	713	14,264	13.6
1981	4,212	14,681	1,185	20,078	20.2
1982	3,500	(3A)13,530 (3B) 4,801 18,331	1,429	23,260	21.4
1983*	6,398	(3A)14,112 (3B) 7,751 21,863	4,422	32,683	36.9
1984*	5,813	(3A)20,049 (3B) 6,430 26,479	3,164	35,456	26.6

* Preliminary Data

ALASKA COMMERICAL SALMON HARVEST, 1878–1985



ALASKA COMMERCIAL SALMON CATCH IN THOUSANDS OF FISH

YEAR	SPECIES					
	Chinook	Sockeye	Coho	Pink	Chum	Total
1976	532.7	11,783.3	1,432.3	24,750.8	5,924.6	44,423.7
1977	621.0	12,460.1	1,815.3	28,586.8	7,328.6	50,811.8
1978	836.1	18,138.4	2,820.4	53,814.6	6,679.2	82,288.6
1979	830.4	28,722.7	3,244.5	50,135.6	5,828.8	88,762.0
1980	675.5	33,308.6	3,135.3	63,282.0	9,611.0	110,012.4
1981	828.0	37,360.4	3,557.4	59,976.0	11,550.5	113,272.3
1982	883.6	29,524.9	6,045.8	64,772.9	10,551.8	111,779.1
1983	829.7	53,979.4	3,690.6	60,311.2	9,156.2	127,967.0
1984*	666.3	38,195	5,400	78,264	12,836	135,364.

* Preliminary

1984 Cumulative Alaska Salmon Catch, Preliminary Data
(In Thousands of Fish)*

	King	Sockeye	Coho	Pink	Chum	All
Southeast Region						
Southern Southeast Northern Southeast Southeastern Troll	239.6	10	1,131	574	29	1,983
Southeastern Total	273.4	1,207	1,934	25,830	4,055	33,300
Central Region						
Cordova Area	39.5	1,292	636	22,118	1,230	25,316
Bristol Bay	102.0	24,684	569	3,389	1,839	30,583
Upper Cook Inlet	8.5	1,991	419	594	653	3,666
Lower Cook Inlet	0.5	261	16	646	83	1,006
Central Region Total	150.5	28,228	1,640	26,747	3,805	60,571
Arctic-Yukon-Kuskokwim Region						
Yukon River	119.0	--	82	--	797	998
Kuskokwim	74.0	81	830	24	488	1,497
Norton Sound	8.4	--	68	119	146	342
Kotzebue	0.1	--	--	--	320	320
A-Y-K Total	201.5	81	980	143	1,751	3,157
Westward Region						
Kodiak	4.6	1,950	228	10,842	645	13,670
Chignik	4.3	2,662	110	446	63	3,286
South Peninsula	7.0	2,316	311	11,200	1,716	15,550
North Peninsula	25.0	1,707	197	38	785	2,752
Aleutian Islands	--	44	--	3,018	16	3,078
Westward Region Total	40.9	8,679	846	25,544	3,225	38,336
ALASKA TOTAL	666.3 1%	38,195 28%	5,400 4%	78,264 58%	12,836 9%	135,364 100%
Pre-Season Forecast	763	28,973	3,267	62,967	8,590	104,560

* Figure may not add up due to rounding

1984 Salmon Season Summary

Species	Numbers (thousands)	Weights (pounds)	Av. Wt.
Chinook (1%)	666.3	13,274,783	19.92
Sockeye (28%)	38,195	219,866,350	5.756
Coho (4%)	5,400	44,061,463	8.159
Pink (58%)	78,264	275,614,229	3.52
Chum (9%)	12,836	105,618,076	8.228
TOTAL (100%)	135,364	658,434,901	

Estimated value of ~~$338.4~~ 348.0 million.
Figures may vary due to rounding.

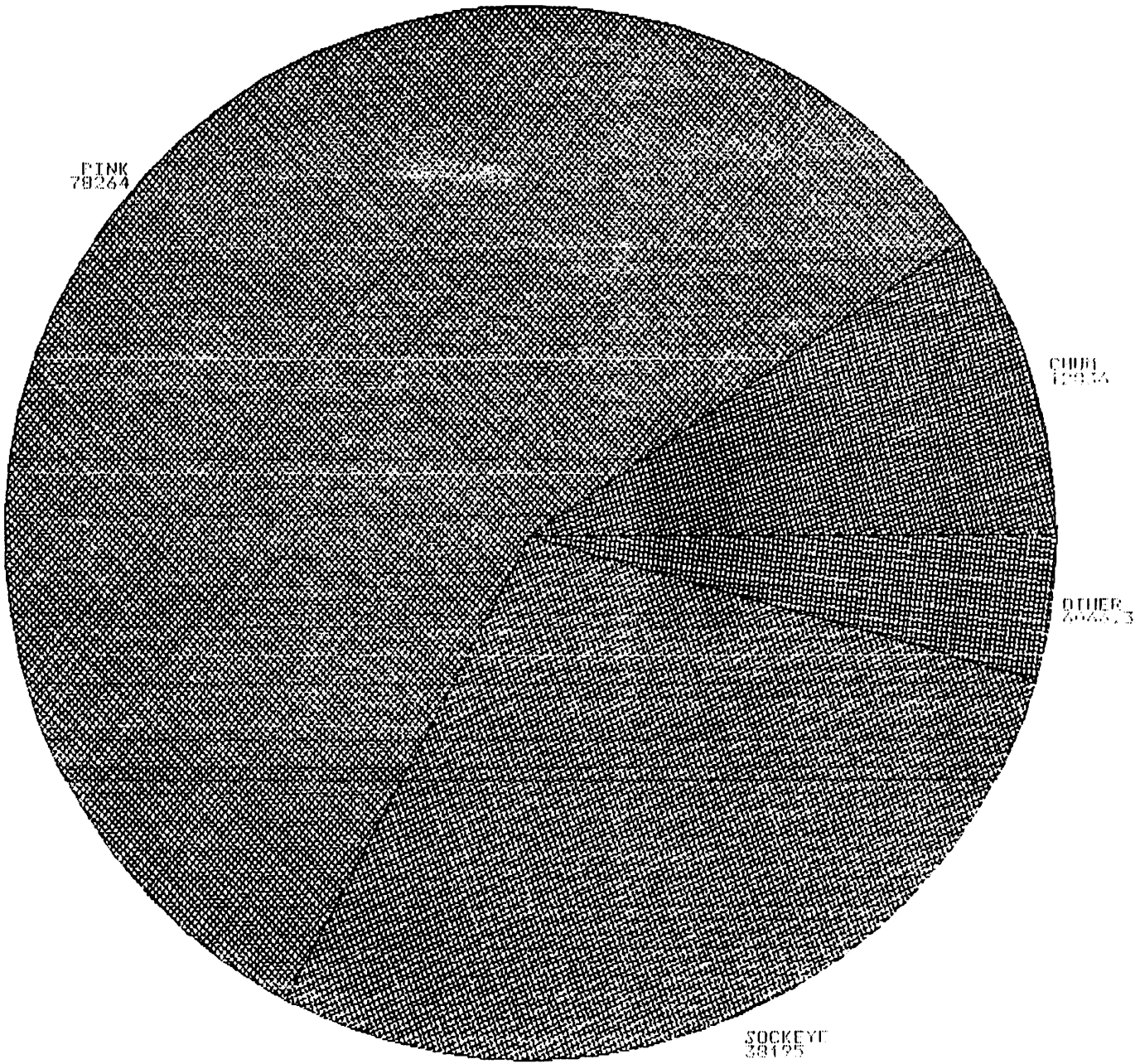
1984 Salmon Season Ex-Vessel Value
(estimated in dollars)

South East	70.1 million
Central Region	
Cordova	39.1 million
Bristol Bay	108.0 million
UCI	17.9 million
LCI	2.1 million
A-Y-K	
Yukon River	5,700,000
Kuskokwim	5,808,000
Norton Sound	721,055
Kotzebue	1,148,884
Westward	
Kodiak	24.670 million
Chignik	22.126 million
Ak Pen/Aleutians	41.0 million
State Total	~~$338.4~~ million

Est. $ 348.0

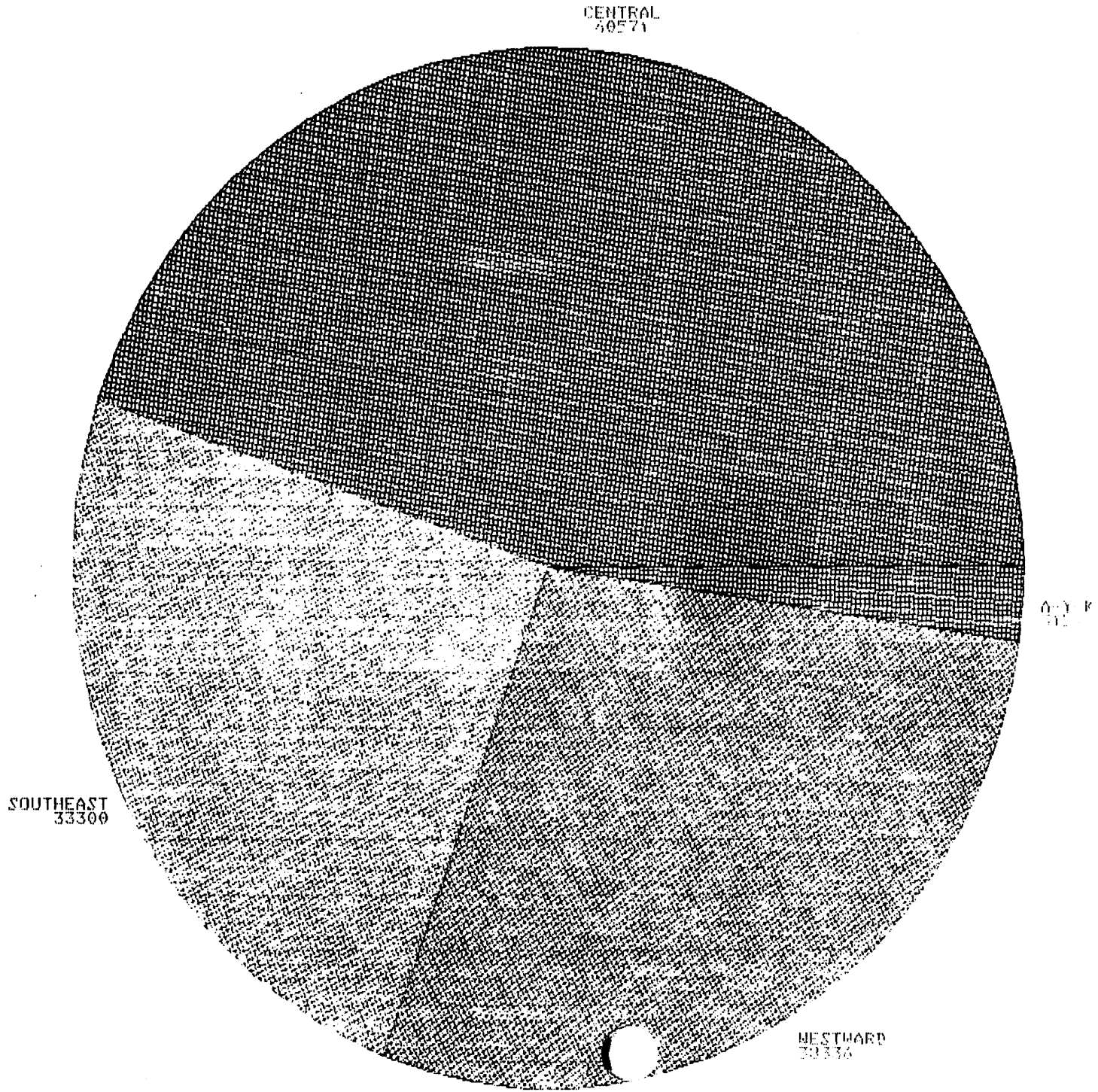
1984 ALASKA COMMERCIAL SALMON HARVEST BY SPECIES

(FISH IN THOUSANDS)
SUM OF SALMON GROUPED BY SPECIES



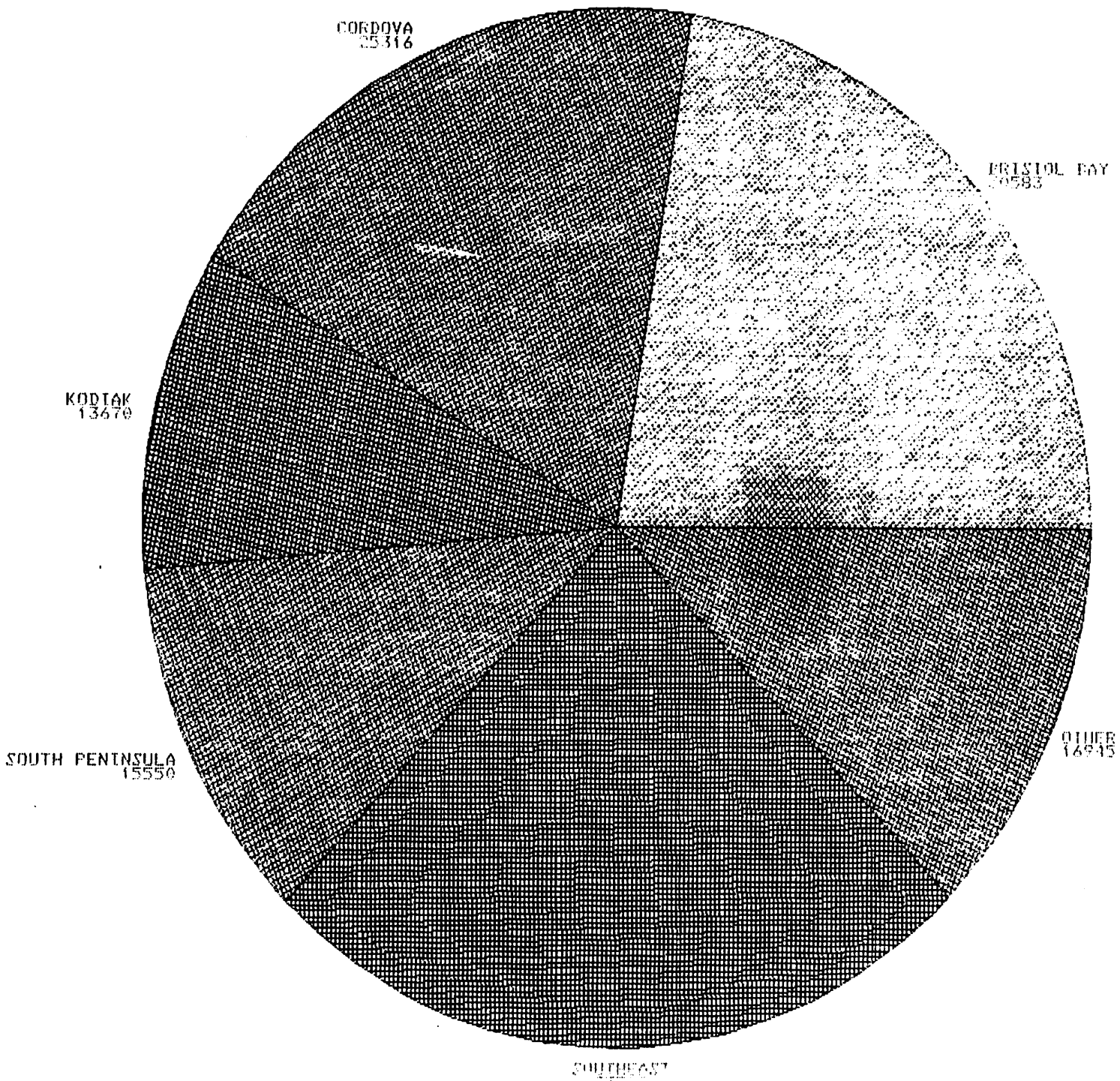
1984 ALASKA COMMERCIAL SALMON HARVEST BY REGION

(FISH IN THOUSANDS)
SUM OF SALMON GROUPED BY REGION



1984 ALASKA COMMERCIAL SALMON HARVEST BY AREA

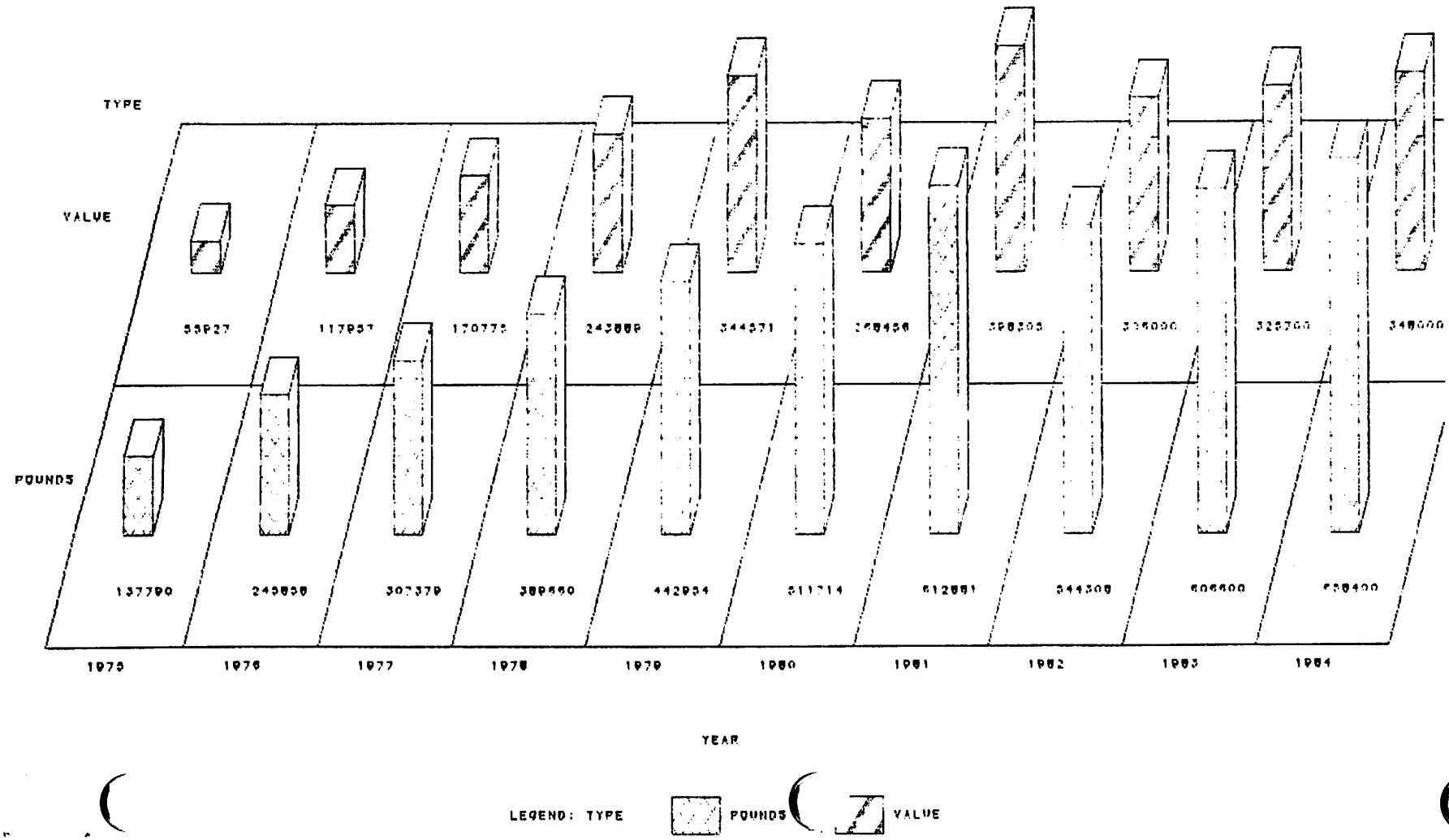
SUM OF SALMON GROUP BY AREA



1975–1984 COMMERICAL SALMON CATCH AND (EX-VESSEL) VALUE

(IN THOUSANDS OF POUNDS AND DOLLARS)

BLOCK CHART OF MEASURE



Preliminary projections of 1985 Alaska commercial salmon harvests by management region and species[1].

Management Region[2]	SPECIES					
	Chinook	Sockeye	Coho	Pink	Chum	Total
Southeastern	258	1300	2000	32100	2200	37858
Central	223	24109	1131	19296	4067	48826
Arctic-Yukon-Kuskokwim	225	95	400	300	2000	3020
Westward	35	7142	675	8135	2550	18537
TOTAL ALASKA	741	32646	4206	59831	10817	108241

[1] Compiled 29 October 1984, catches in thousands of fish. The projected 1985 harvests were obtained by summing harvest forecasts (Table 8) and harvest projections for remaining fisheries. The latter was based on averages of catches in recent years.

Table 10. Preliminary projections of 1984 Alaska commercial salmon harvests by management region and species.

Management Region	SPECIES					
	Chinook	Sockeye	Coho	Pink	Chum	Total
Southeastern	258	1300	2000	32100	2200	37858
Central	223	24109	1131	19296	4067	48826
Arctic-Yukon-Kuskokwim	225	95	400	300	2000	3020
Westward	35	7142	675	8135	1650	17637
TOTAL ALASKA	741	32646	4206	59831	9917	107341

FORECAST AREA: Bristol Bay

SPECIES: Sockeye Salmon

PRELIMINARY FORECAST OF 1985 RETURN:

	Point	Range
Total Return:	34.7 million	21.7 million to 47.7 million
Escapement Goal:	14.7 million	
Projected Harvest:	20.0 million	9.6 million to 33.0 million

FORECAST METHODS

The 1985 Bristol Bay sockeye salmon forecast was derived from the following two independent methods:

1) Standard ADF&G (based upon spawner-recruit relationships, sibling age class returns, and smolt production-survival estimates for individual age classes and river-lake systems); and

2) Japanese Research Catches (based upon mean length and geometric mean catch per unit of effort of sockeye salmon collected by Japanese research vessels fishing south of the Aleutian Islands during summer months, and mean June air temperatures at Cold Bay during the period of sockeye salmon ocean residence).

These methods produced the following results (in millions of sockeye mon):

Method	Estimate	Std. Dev.	Range
Standard ADF&G	24.7	11.3	9.8 to 39.6
Japanese Research Catches	41.9	9.3 ~~6.6~~	32.8 to 51.0

Standard deviations and 80% confidence limits (ranges) for each of the two estimates were calculated using standard linear regression analysis to describe the relationship between past forecasts and actual returns. A total of 25 and 11 years of data were used to test the accuracy of the Standard ADF&G and Japanese Research Catches methods, respectively. The 1985 forecast was the sum of the weighted averages for the two-ocean and three-ocean age class estimates obtained from the Standard ADF&G and Japanese Research Catches methods. The inverse of the squared standard deviation of each estimate was used as a weighting factor to calculate the estimate for each ocean age class.

DISCUSSION OF THE 1985 FORECAST

The spawner-recruit component of the Standard ADF&G method produced a much higher prediction for the total 1985 return to the Kvichak system (37.4 million) than either the sibling age class (4.4 million) or smolt

(8.4 million) components. Although results of all three components have traditionally been given equal weight in calculating Standard ADF&G system forecasts, only results of sibling age class and smolt components were used to forecast 1985 returns of five year old sockeye salmon (53 and 52 age classes) to the Kvichak system. Although the 1980 spawning escapement to this system was the second largest ever documented (1980, 22.5 million spawners; 1965, 24.3 million spawners), prediction of a large return of five year old sockeye salmon from the 1980 spawning escapement was not supported by results from either the sibling age class or smolt models (both of which fit available data for all age classes much better than the composite spawner-recruit model). Estimates from all three components were used, and given equal weight, for 1985 Standard ADF&G forecasts for all other systems, since differences among estimates were not as great as noted for the Kvichak system.

The Japanese Research Catches forecast for total Bristol Bay sockeye salmon returns was 70 percent greater than the Standard ADF&G forecast. The greatest difference between the two forecasts was due to predictions for two-ocean (42 and 53 age classes) returns. The Japanese Research Catches prediction for two-ocean returns (34.1 million) was 164 percent greater than the Standard ADF&G prediction (12.9 million), while the Japanese Research Catches prediction for three-ocean (52 and 63 age classes) returns (7.8 million) was 34 percent less than the Standard ADF&G prediction (11.8 million).

If there is a greater return of two-ocean sockeye salmon to Bristol Bay in 1985 than was predicted by the Standard ADF&G method, allocation of sockeye salmon within the pooled forecast could be in error. This could result in a substantial increase in the actual proportion of two-ocean sockeye salmon returning to the Kvichak system and decreases in the proportion returning to both Egegik and Ugashik systems.

Point estimates and ranges (80 percent confidence limits) for projected district harvests, in millions of sockeye salmon, are: Naknek/Kvichak, 5.6 (1.9 to 11.9); Egegik, 5.3 (3.0 to 7.7); Ugashik, 4.9 (2.8-7.0); Nushagak, 3.7 (1.7 to 5.6); and Togiak 0.5 (0.2 to 0.7).

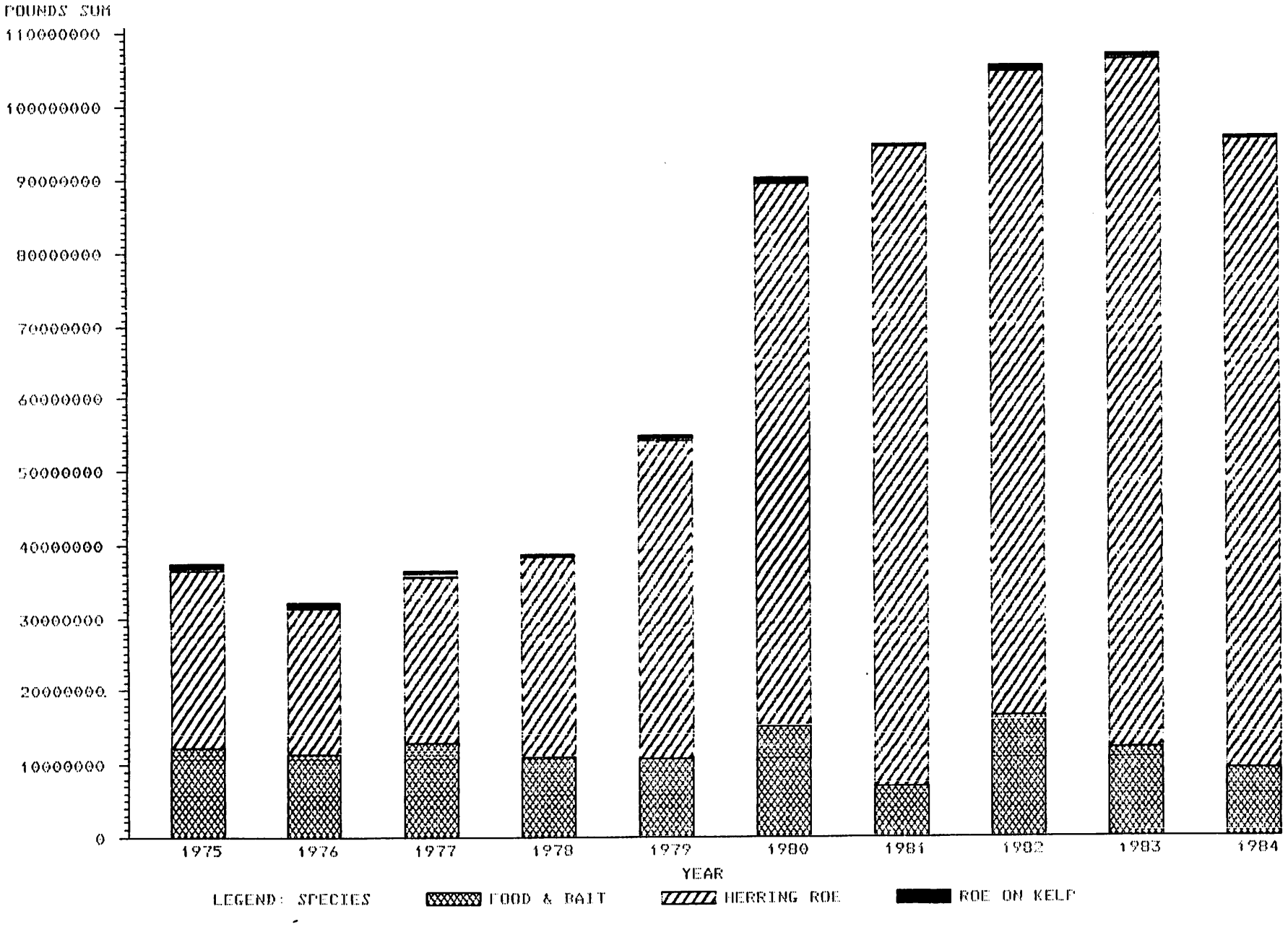
Stephen M. Fried
and
Henry J. Yuen,
Research Biologists
Anchorage

1984 Alaska Herring Harvest
(in pounds)

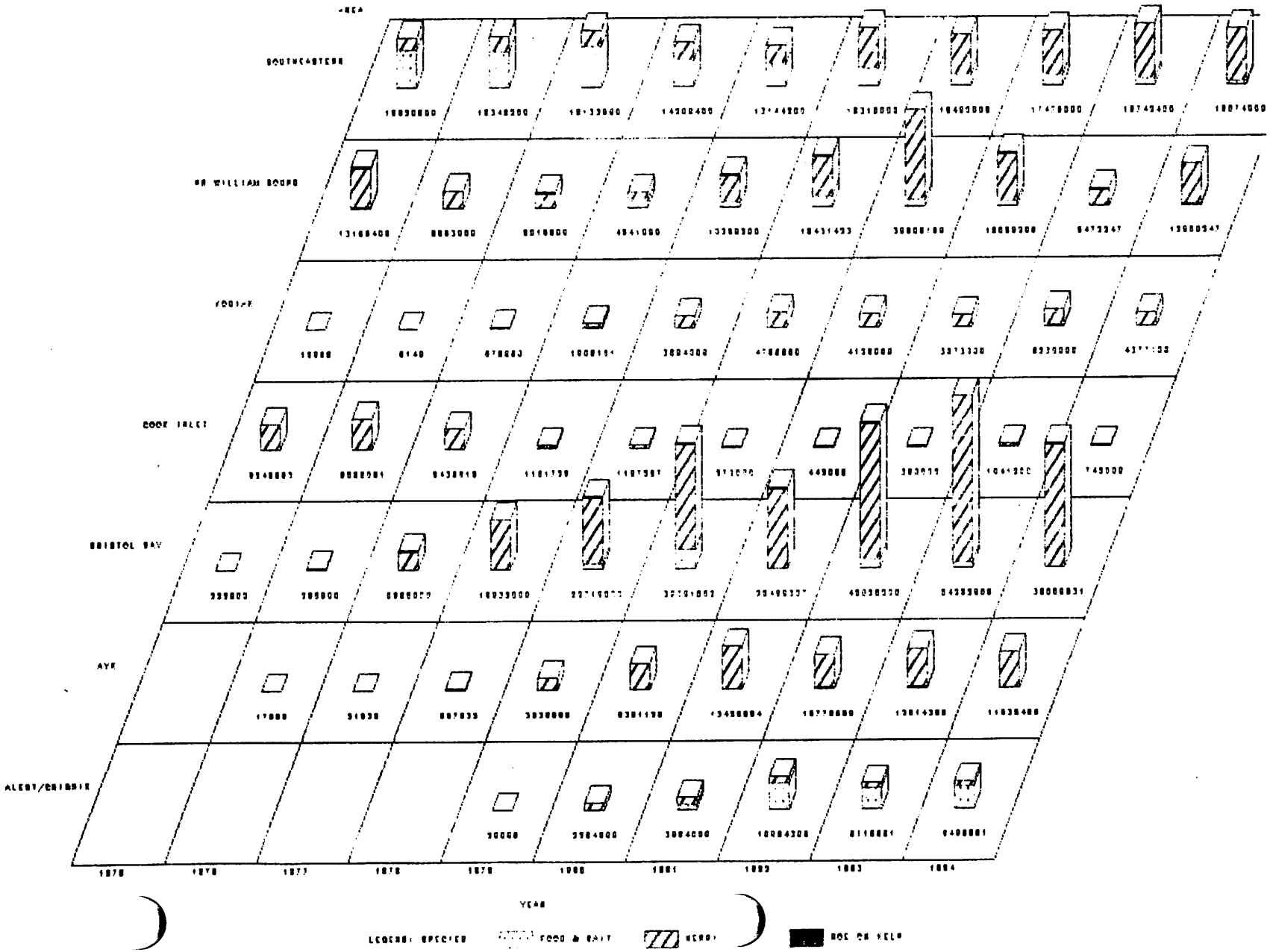
	Food/Bait[1]	Sac Roe	Roe on Kelp	
Southeast	1,238,000	16,836,000		
PWS	547,281	12,359,466	53,500[2]	
Cook Inlet	240,000	506,000		
Bristol Bay		38,651,445[3]	406,587	
A-Y-K		11,496,870	38,588	
Kodiak		4,377,100		
Aleut/Chig/Penn	7,157,651	1,323,000		
Total Pounds	9,182,932	85,549,881	498,675	= 95,231,488
Value	$928,768	$18,422,728	$494,800	= $19,846,296

[1] Food/Bait harvest are from 83/84 season
[2] Harvest from ponds
[3] 284 short tons sold as Food/Bait

1975–1984 ALASKA HERRING HARVEST



1975–1984 ALASKA HERRING HARVEST



1984 Alaska Shellfish Harvests
(In millions of pounds)

Area	King[1]	Tanner	Dungeness	Shrimp	Other[2]
Kodiak	0.02	14.42	5.30	3.02	0.32
South Penn.	-0-	1.78	0.36		
Chignik	-0-	0.66	0.26		
Dutch Harbor	2.75	0.24	0.09		T[3]
Adak	5.11	0.15			T
Bering Sea	4.10	26.40			0.55
Norton Sound	0.39				
Bristol Bay	4.18				
P.W.S.	0.03	-0-	0.83	1.48	0.17
Cook Inlet	T	3.52	0.79	3.989	0.30
Southeast (Yakutat)	0.61	1.60	2.32	1.67	0.14
Totals[4]:	17.19	48.77	9.96	10.16	1.48

[1] Harvests are for calendar year, not season.

[2] Includes octopus, clams, Korean Hair crab, sea urchins, etc.

[3] Trace.

[4] Figures are rounded.

1984 Alaska Shellfish Harvest

Species	Value	Pounds
King Crab	40,234,056	17,204,305
Tanner Crab	34,617,146	48,764,847
Dungeness Crab	13,661,233	9,948,876
Shrimp	4,486,658	10,160,800
Other*	2,786,749	1,481,083
Total	95,785,842	87,559,911

* Includes octopus, abalone, hair crab, clams; figures are approximate.

1983 and 1984 Alaska Shellfish Harvest

Species	Value		Pounds	
	1983	1984	1983	1984
King Crab	$73,914,867	$40,234,056	25,874,621	17,204,305
Tanner Crab	$53,877,805	$34,617,146	61,076,299	48,764,847
Dungeness Crab	$11,800,000	$13,661,233	11,800,000	9,948,876
Shrimp	$ 3,945,538	$ 4,486,658	7,418,188	10,160,800
Other*	$ 1,900,000	$ 2,786,749	1,600,000	1,481,083
Total	$145,438,210	$95,785,842	107,769,108	87,559,911

* Includes octopus, abalone, hair crab, clams; figures are approximate.

1984/85 King Crab Harvests

Area	Species	Season	Harvest Projected	Harvest Actual	Effort	Other
Kodiak (K)	Red	Not Open	-0-	-0-		
	Brown	By permit	0.1	0.01		
South Penn (M)		Not Open	-0-	-0-		
Dutch Harbor (O)	Red	Not Open	-0-	-0-		
	Brown	By permit 7/1		1.35	7 vessels	$1.75/lb
Adak (R)	Red	Nov. 10-	1.5-3.0	1.1		
	Brown	Nov. 10-Apr. 15	8.0	0.36	70 vessels	
Bering Sea (Q)						
Pribilof Dist:	Red		-0-	-0-		
	Blue	Oct. 1-16	0.5-1.0	0.3	16 vessels	$2.50/lb
	Brown	By permit	0.5	-0-		
Northern Dist: (St. Matthews)	Red		-0-	-0-		
	Blue	Sept. 1-8	2.0-4.0	3.8	80 vessels	$1.86/lb
	Brown					
Norton Sound	Red	Aug. 1-15	0.4	0.388	8 vessels	$1.02/
Bristol Bay	Red	Oct. 1-16	2.5-6.0	4.182	88 vessels	$2.50-
	Brown	By permit	0.0	-0-		3.00/lb
Westward Subtotal:				11.49		
P.W.S.	Red	Not Open	-0-	-0-		
	Blue		-0-	-0-		
	Brown	By permit		0.038	2 vessels	$1.40/lb
Cook Inlet	Red	Not Open	-0-	-0-		
	Brown					
Southeast	Red	Oct. 10-17		0.25	86 vessels	$3.10/lb
	Blue					
	Brown	since Oct. 10		0.360	$2-2.50/lb	
Total:	Red 5.92					
	Blue 4.10					
	Brown 2.12					
				12.14 million pounds		

Ex-vessel Value of 1984 (Calendar Year) Alaska King Crab Harvest

Area		Pounds		Average Price	Value
Southeast	Red	250,000	x	$3.10	$775,000.
	Brown	360,000	x	$2.25	$810,000.
PWS	Brown	31,994	x	$1.40	$ 44,791.
Cook Inlet	Brown	4,000	x	$3.60	$ 14,400.
Westward Region					
Kodiak	Brown	22,000	x	$2.50	$ 55,000.
Norton Sound	Red	388,000	x	$1.02	$395,760.
Bristol Bay	Red	4,182,000	x	$2.75	$11,500,500.
Bering Sea					
Northern Dist.	Blue	3,800,000	x	$1.86	$ 7,068,000.
Pribolof Dist.	Blue	307,000	x	$2.50	$767,500.
Adak	Red	1,100,000	x	$1.75	$ 1,925,000.
	Brown	3,647,000	x	$2.75	$10,029,250.
		360,000	x	$1.75	630,000.
Dutch Harbor	Brown	1,402,311	x	$2.75	$ 3,856,355.
		1,350,000	x	$1.75	$ 2,362,500.
Total		17,204,305	pounds		= $40,234,056.

1984 Miscellaneous Shellfish Harvest
(In pounds)

Area	Razor Clams	Abolone	Octopus	Scallops	Korean Hair Crab	Totals
Southeast		63,000	1,900	74,000		138,900
P.W.S.	168,426					168,426
L.C.I.	262,000		35,354	6,305		303,659
Kodiak	33,972		6,404	278,048		318,424
Bering Sea			215		550,000	550,215
Dutch Harbor					1,259	1,259
Adak					200	200
State Total	464,398	63,000	43,873	358,353	551,459	1,481,083

1984 Miscellaneous Shellfish Harvest
(In pounds)

Area	Razor Clams	Abolone	Octopus	Scallops	Korean Hair Crab	Totals
Southeast		63,000	1,900	74,000		138,900
P.W.S.	168,426					168,426
L.C.I.	262,000		35,354	6,305		303,659
Kodiak	33,972		6,404	278,048		318,424
Bering Sea			215		550,000	550,215
Dutch Harbor					1,259	1,259
Adak					200	200
State Total			1,481,083 pounds			

1984 Calendar Year Prince William Sound Shellfish Harvests

King Crab				
	Brown	31,994 lbs.	X $1.40	= $ 44,791
Tanner				
	-0-			
Dungeness Crab		826,938 lbs.	X $1.30	= $1,075,020
Shrimp				
	Trawl	1,306,143 lbs.	X $0.30	= $ 391,843
	Pot	173,000 lbs.	X ($3.50-8.00)	= $ 695,000
		1,479,143		1,086,843
Other				
	Razor Clams	168,426 lbs.	X $0.75	= $ 126,320
PWS Total		2,506,501 lbs.		$2,332,974

1984 Calendar Year Southeast Shellfish Harvests

King Crab					
	Red	250,000 lbs.	X $3.10	=	$ 775,000
	Brown	360,000 lbs.	X $2.25	=	$ 810,000
Tanner Crab		1,600,000 lbs.	X $1.10	=	$1,760,000
Dungeness Crab		2,320,000 lbs.	X $1.45	=	$3,364,000
Shrimp					
	Trawl	1,515,250 lbs.	X $0.26	=	$ 393,965
	Pot	157,601 lbs.	X $4.00	=	$ 630,404
		1,672,851			$1,024,369
Other					
	Abalone	63,000 lbs.	X $3.30	=	$ 207,900
	Octopus	1,900 lbs.	X $0.75	=	$ 1,425
	Scallops	74,000 lbs.	X $4.75	=	$ 351,500
Southeast Total		6,341,751 lbs.			$8,294,194

1984 Calendar Year Lower Cook Inlet Shellfish Harvests

King Crab					
	Red Brown	not open by permit	4,000 lbs.	X $3.60	= $ 14,400
Tanner Crab			855,857 lbs. 2,664,000 lbs. 3,519,857 lbs.	X $1.33 X $1.45	= $1,138,290 = $3,862,800 $5,001,090
Dungeness Crab			791,938 lbs.	X $1.40	= $1,108,713
Shrimp					
	Trawl (Area G)		2,125,864 lbs.	X $0.35	= $ 744,052
	(South Dist)		1,814,964 lbs.	X $0.26	= $ 471,891
	Pot (Area G $5-8.00)		48,285 lbs. 3,989,113 lbs.	X $2.00	= $ 96,570 1,312,513
Other					
	Clams		262,000 lbs.	X $1.00	= $ 262,000
	Scallops		6,305 lbs.	X $6.00	= $ 37,830
	Octopus		35,354 lbs.	X $0.75	= $ 26,516
Lower Cook Inlet Total			8,608,567		$7,763,062

1984 Calendar Year Westward Region Shellfish Harvests

King Crab	16,558,311 lbs.	X	$2.33 ($1.02-3.50)	= $	38,589,865
Tanner Crab					
C. Baridi	18,453,198 lbs.	X	$1.10	= $	20,298,518
C. Opilio	25,191,792 lbs.	X	$0.30	= $	7,557,538
	43,644,990 lbs.				27,856,056
Dungeness Crab	6,010,000 lbs.	X	$1.35	= $	8,113,500
Shrimp					
Trawl	3,018,038 lbs.	X	$0.35	= $	1,056,313
Pot	1,655 lbs.	X	$4.00	= $	6,620
	3,019,693 lbs.			$	1,062,933
Other					
Razor Clams	33,972 lbs.	X	$1.00	= $	33,972
Octopus	6,619 lbs.	X	$0.75	= $	4,964
Korean Hair Crab	551,459 lbs.	X	$0.75	= $	413,594
Scallops	278,048 lbs.	X	$4.75	= $	1,320,728
Westward Total	70,103,092 lbs.			$	77,395,612

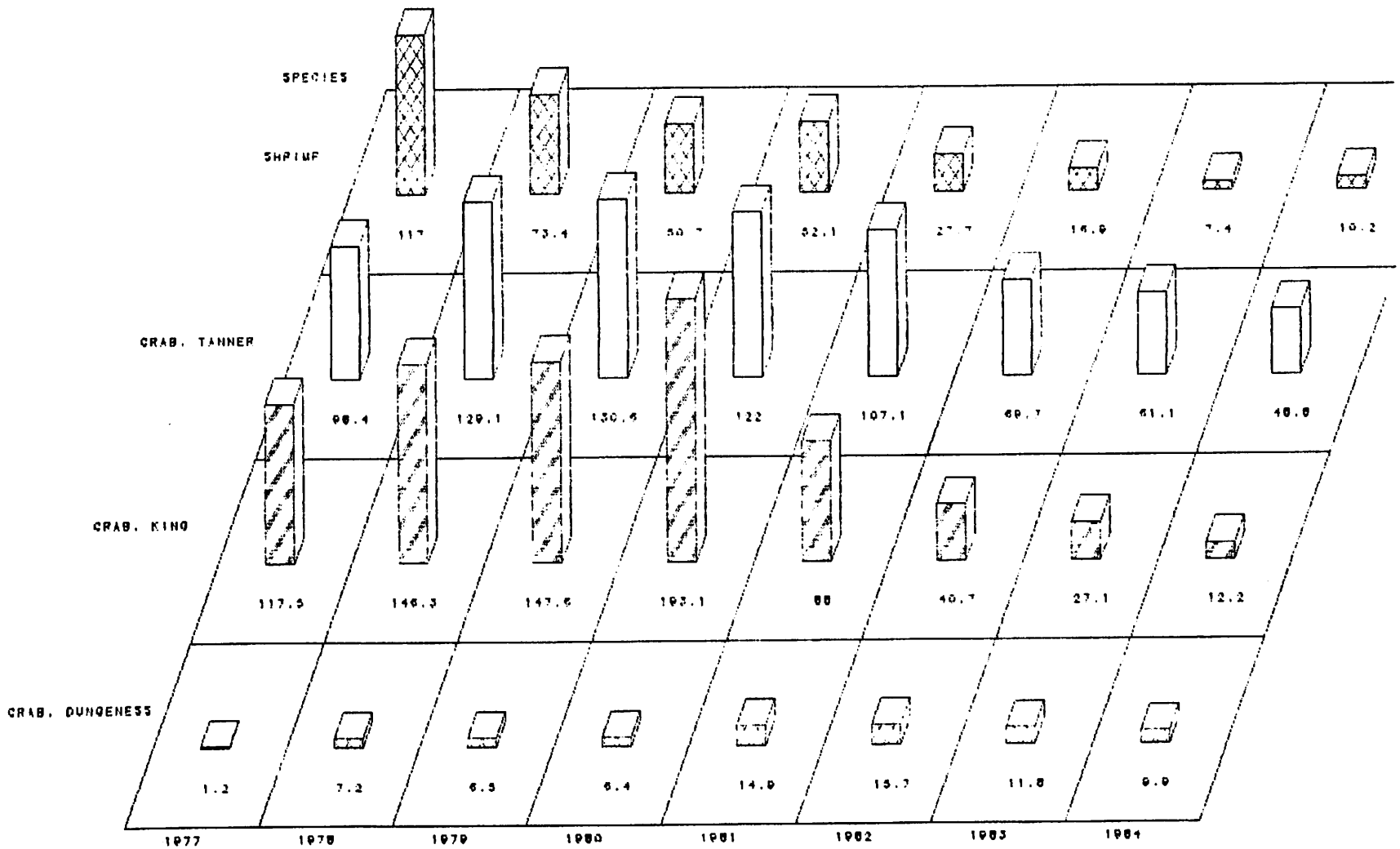
1984 SHRIMP HARVEST
(in pounds)

Area			Totals
P.W.S.	Trawl	1,306,143	1,479,143
	Pot	173,000	
L.C.I.	Trawl	3,940,828	3,989,113
	Pot	48,285	
Kodiak	Trawl	3,018,038	3,019,693
	Pot	1,655	
S.E.	Trawl	1,515,250	1,672,851
	Pot	157,601	
Pink		1,471,296	
Sidestripe		43,754	
Coonstripe		7,506	
Spot		150,295	
State Total	Trawl	9,780,259	10,160,800
	Pot	380,541	

1977-1984 ALASKA SHELLFISH HARVEST

(POUNDS IN MILLIONS)

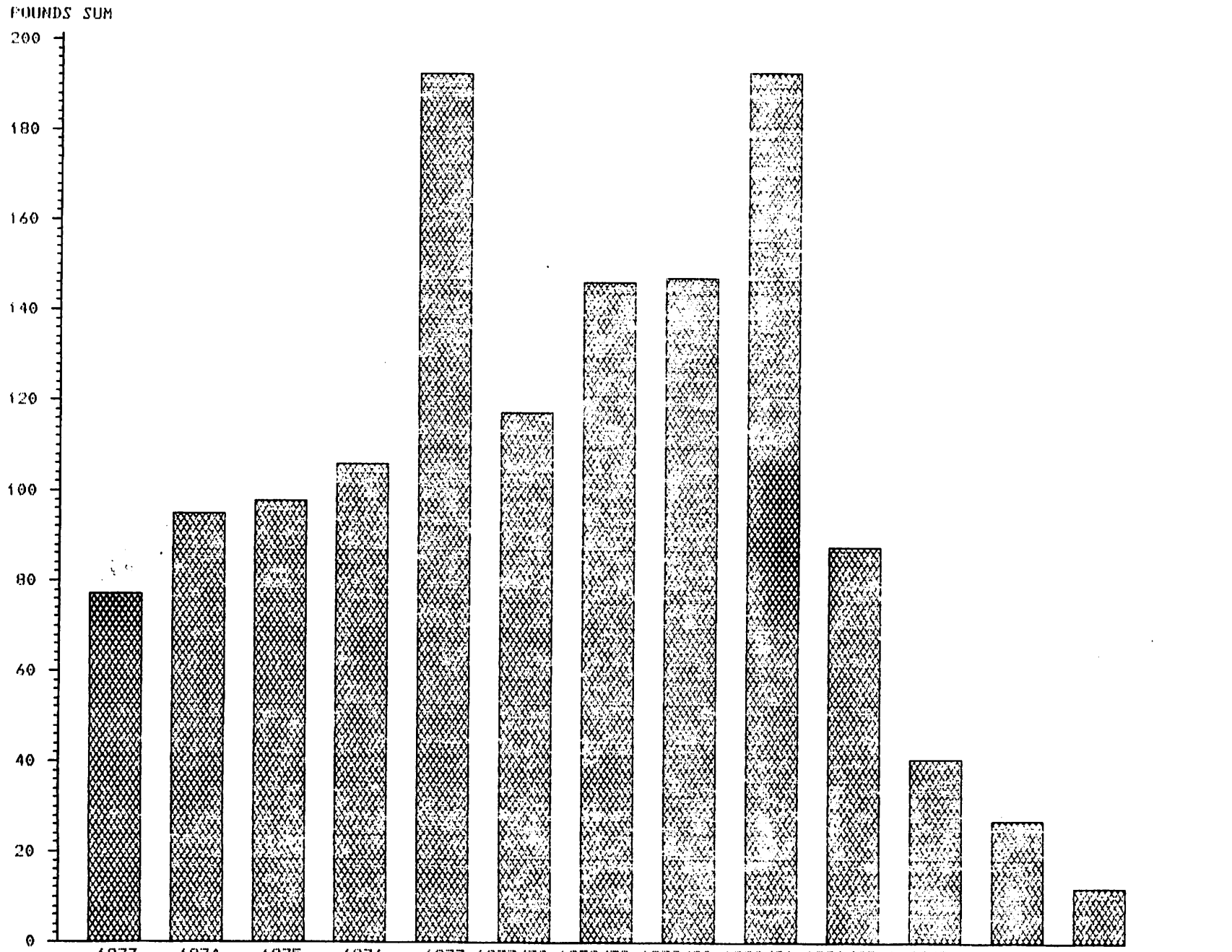
BLOCK CHART OF SUMS



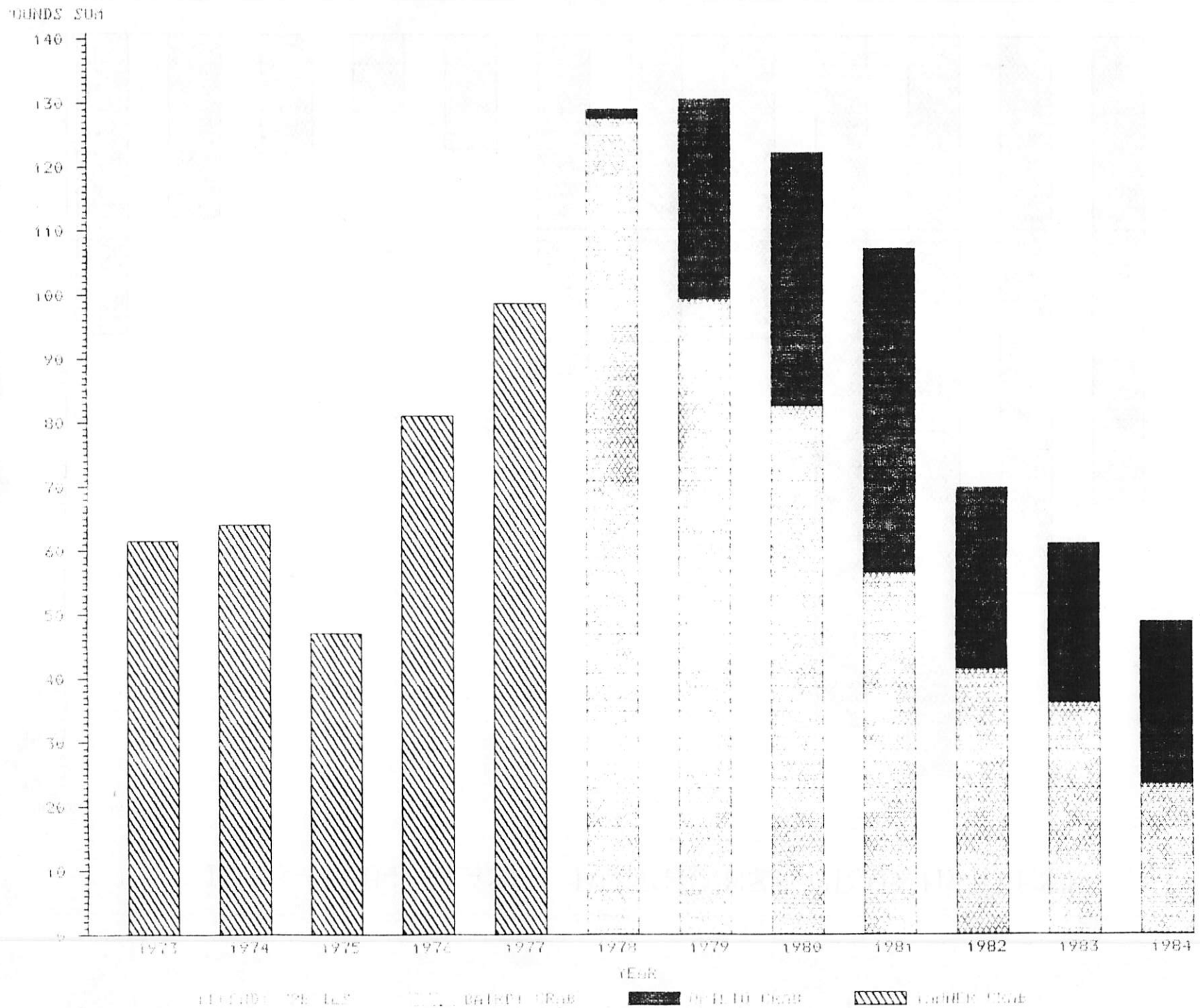
HARVEST ARE FOR CALENDER YEAR EXCEPT KING CRAB

1973-1984 ALASKA KING CRAB HARVEST

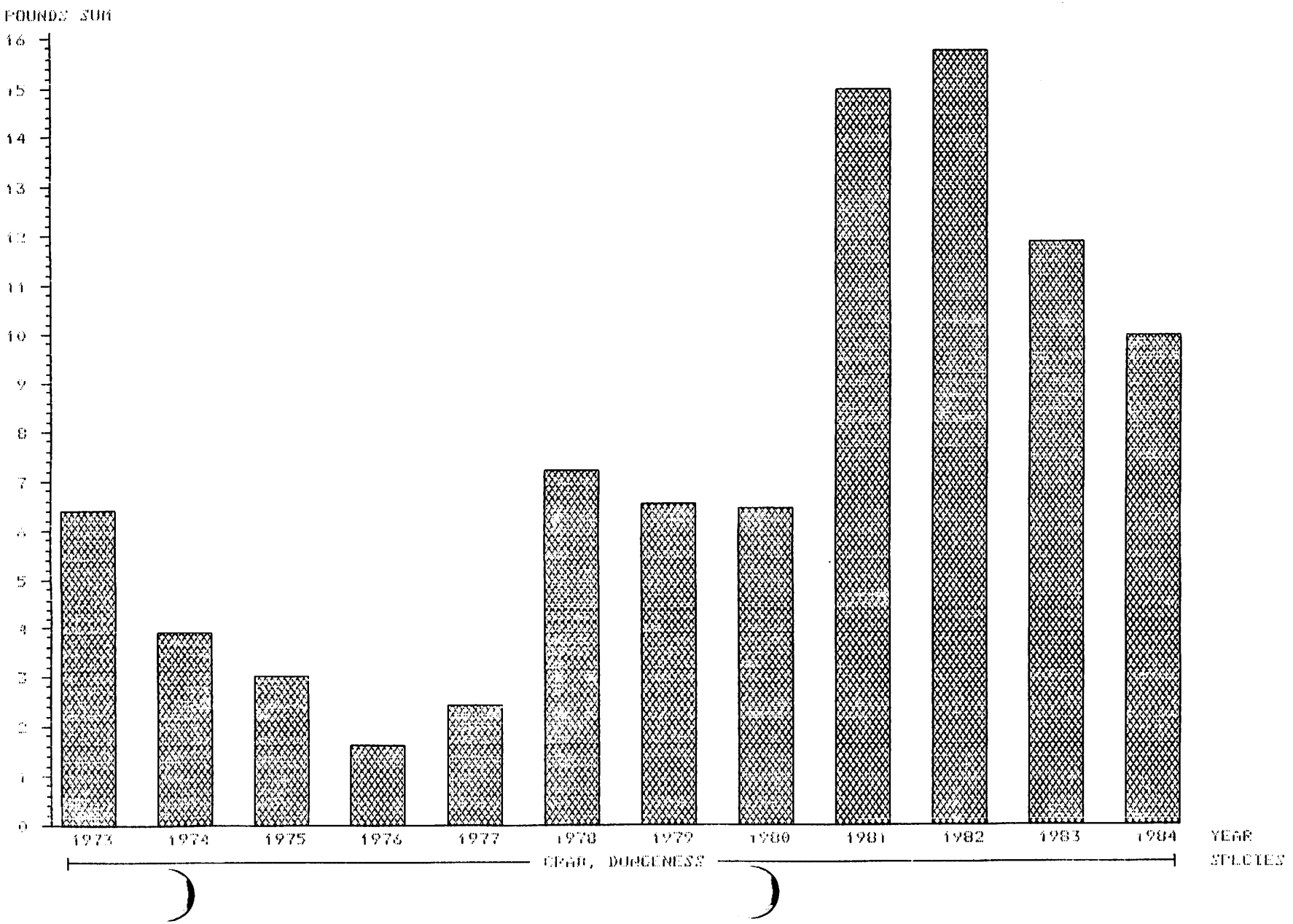
(POUNDS IN MILLIONS)



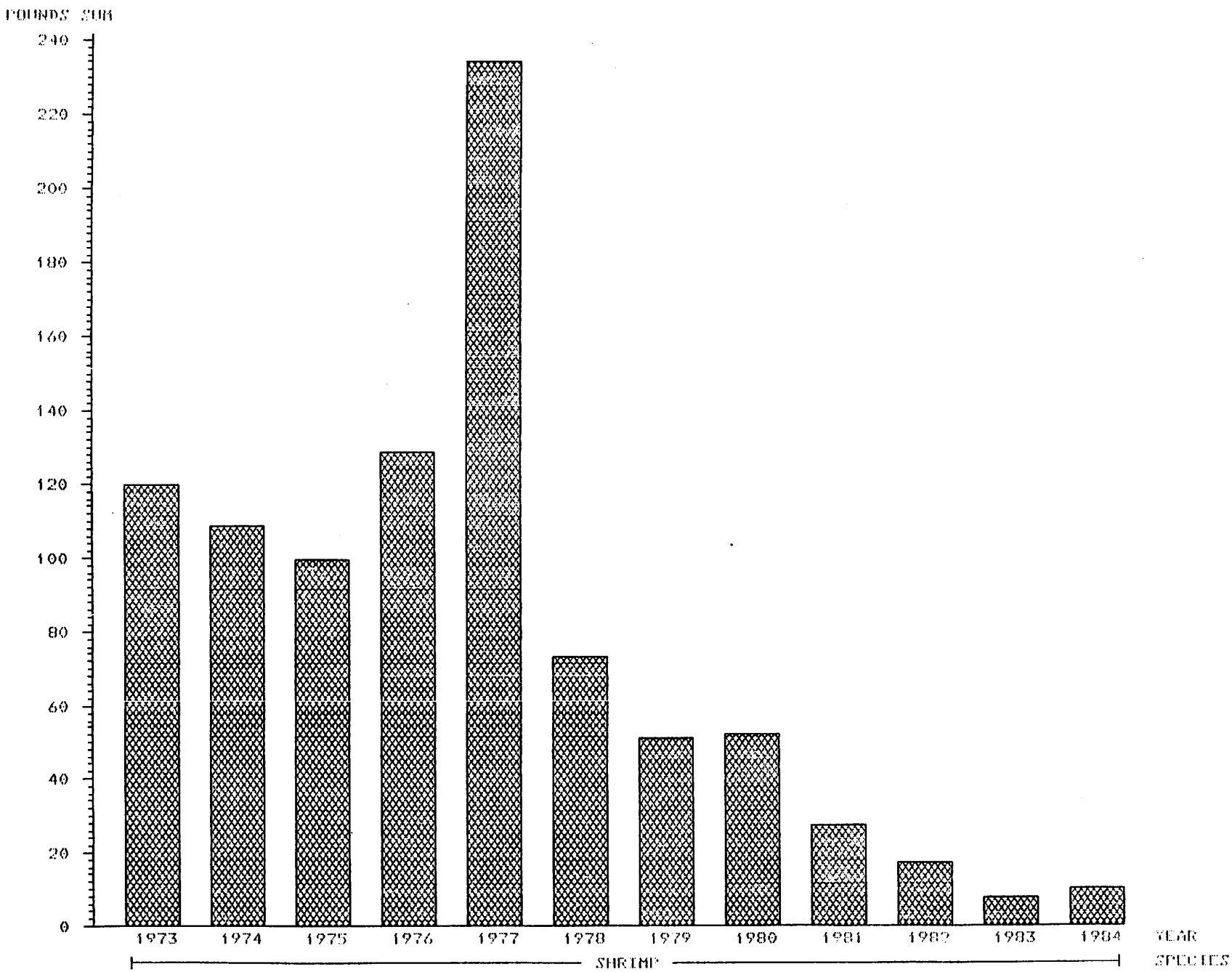
1973–1984 ALASKA TANNER CRAB HARVEST



1973-1984 ALASKA DUNGENESS CRAB HARVEST

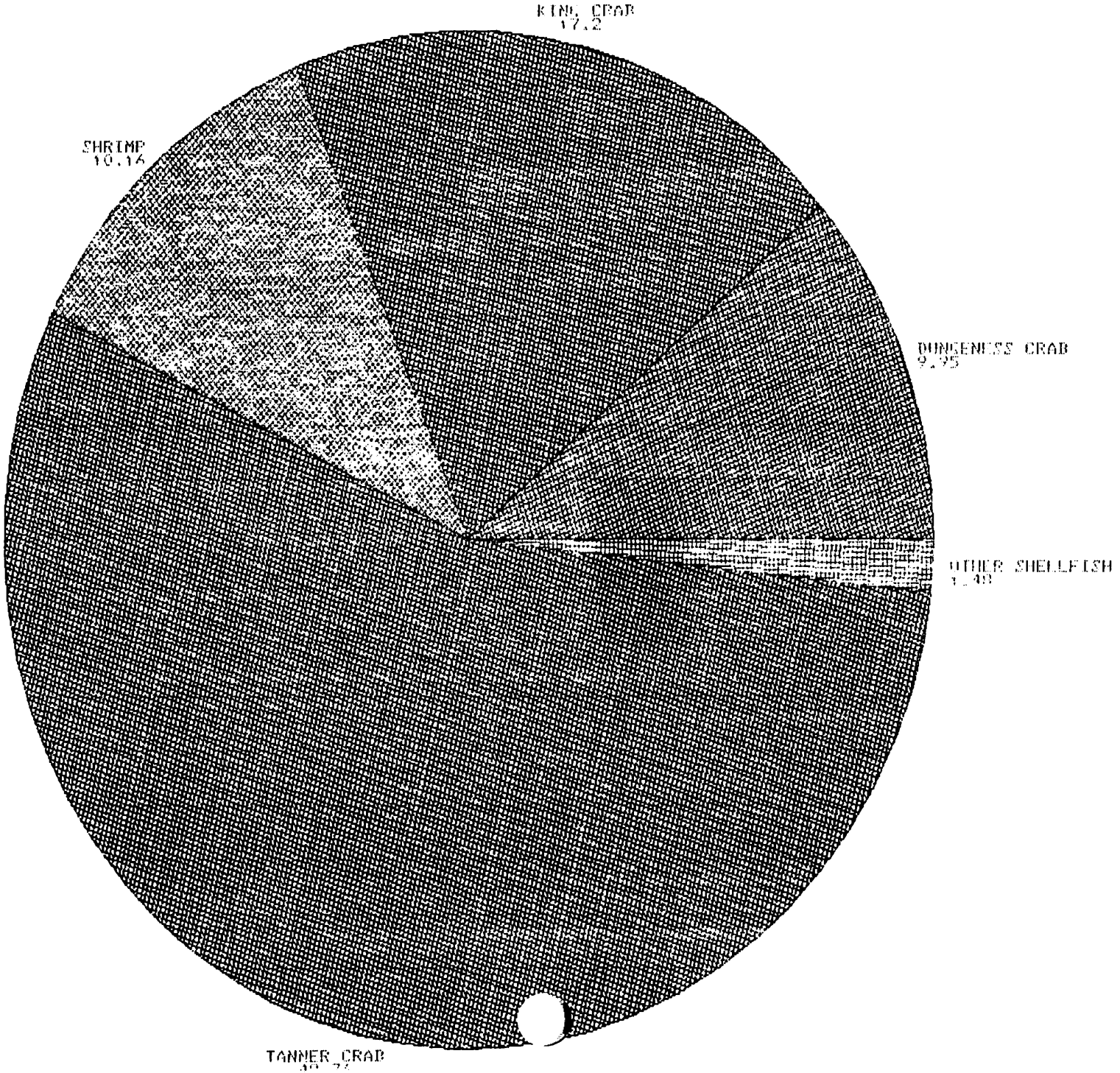


1973-1984 ALASKA SHRIMP HARVEST



1984 ALASKA SHELLFISH HARVEST

(POUNDS IN MILLIONS)
SUM OF POUNDS GROUPED BY SPECIES



King Crab Catch Statistics in Millions of Pounds, by Fishing Season.

Area	1973	1974	1975	1976	1977	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84[1]	1984/85[2]
Southeastern	.9	.6	.4	.4	.3	.3	.5	.7	1.2	1.2	1.27	1.17	
Prince Wm. Sound	.2	.1	.1	T	.1	.1	.1	.1	-	T	0.19	0.07	
Cook Inlet	4.5	4.4	2.9	5.0	2.0	1.7	1.1	1.3	2.1	1.6	0.8	0.2	
Kodiak	14.4	23.0	24.0	17.3	13.2	12.0	15.0	14.6	20.5	24.2	8.73	0.1	
Chignik	.4	.1	.3	.3	.2	.1	.2	.2	.2	T	T	0.0	
South Peninsula	4.3	4.3	2.5	.7	.6	.7	3.1	4.4	5.0	3.1	1.6	0.0	
Unalaska/Dutch	12.7	11.3	11.6	11.4	4.1	3.7	6.8	15.0	18.9	5.1	1.6	2.3	
Bering Sea	28.4	49.9	53.1	70.5	76.0	98.1	118.7	110.9	143.8	50.0	16.8	13.15	
Adak-W. Aleutians	11.3	1.3	2.8	.4	T	.8	.8	.4	1.4	2.8	9.7	10.03	
Total	77.2	95.0	97.7	106.0	96.5	117.5	146.3	147.6	193.1	88.0	40.69	27.02	

T = less than 50,000 pounds

[1] = Preliminary data

[2] = Season still in progress; 84/85 Red King Crab Seson did not open in Kodiak, Dutch Harbor, Bristol Bay, South Peninsula, and Chignik

Compiled 1-16-85.

Tanner Crab Catch Statistics in Millions of Pounds.

Area	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983*	1984
Southeastern	1.9	3.1	3.0	4.1	3.5	2.6	3.2	4.1	2.775	3.1	.18*	1.6
Prince Wm. Sound	12.3	9.6	5.0	6.0	2.9	5.0	6.6	6.0	2.761	3.2	.99	0
Cook Inlet	8.5	7.7	5.0	6.0	5.7	5.5	5.1	5.1	2.995	2.7	3.7	3.52
Kodiak	31.5	25.5	17.5	23.4	20.7	33.3	29.2	18.9	11.739	13.7	18.86	14.42
Chignik	.9	4.1	3.8	11.2	5.6	4.8	2.9	3.6	2.640	2.9	3.48	0.66
South Peninsula	5.7	8.4	5.5	7.3	6.8	7.3	8.4	7.0	3.299	3.3	2.85	1.78
Unalaska/Dutch	.1	.5	.1	.5	1.3	2.5	1.1	.9	.619	.7	.54	0.24
Adak	.2	1.	T	.1	-	.2	.2	.3	.220	.9	.5	0.15
Bering Sea	.3	5.0	7.0	22.3	51.9	67.9	73.9	76.1	80.1	39.2	30.0	26.4
Total	61.4	64.0	46.9	80.9	98.4	129.1	130.6	122.0	107.1	69.7	61.1	48.77

Bering Sea Only:

Year	Bairdi	Opilio	Total
1978	66.2	1.7	67.9
1979	42.5	31.4	73.9
1980	36.6	39.5	76.1
1981	29.6	50.48	80.1
1982	10.9	28.3	39.2
1983	5.2	24.8	30.0
1984	1.2	25.2	26.4

* = Preliminary Data
T = less than 50,000 pounds

Dungeness Crab Catch Statistics in Millions of Pounds.

Area	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Southeastern	3.1	1.7	1.2	1.1	.3	2.5	2.2	1.5	5.9	8.8	4.8	2.3
Prince Wm. Sound	.8	.6	.8	.3	.7	2.1	.7	.7	1.5	.8	.4	0.8
Cook Inlet	.3	.7	.4	.1	.1	1.2	2.2	2.1	1.9	.8	.7	0.8
Kodiak	2.1	.8	.6.	.1	.1	1.4	1.3	2.0	5.5	4.5	4.7	5.3
South Peninsula	.1	-	-	-	-	-	.1	.1	.1	.8	.5	0.4
Chignik	-	-	-	-	-	-	-	-	-	-	.65	0.3
Unalaska	T	.1	T	-	-	T	T	T	T	T	T	T
Total	6.4	3.9	3.0	1.6	1.2	7.2	6.5	6.4	14.9	15.7	11.8	9.9

T = less than 50,000 pounds

Figures are rounded

Shrimp Catch Statistics in Millions of Pounds, by Fishing Season.

Area	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Southeastern	.7	1.2	1.0	1.0	1.0	1.1	1.0	2.4	1.0	1.2	2.4	1.7
Prince Wm. Sound	T	T	T	.1	.1	.5	.7	.6	.2	.5	.6	1.5
Cook Inlet	4.9	5.8	4.8	6.2	5.1	7.6	4.5	6.0	5.0	4.1	1.7	3.9
Kodiak	70.5	48.8	46.8	51.2	31.8	22.8	14.5	27.8	19.0	10.8	2.7	3.0
Chignik	24.9	21.8	25.9	29.0	27.9	23.0	23.7	12.8	.1	-	-	-
South Peninsula	18.5	25.5	20.0	37.5	46.5	11.8	3.1	0	-	-	-	-
Unalaska/Dutch	.5	5.8	1.0	3.7	4.6	6.6	3.2	2.5	2.4	.3	-	-
Total	124.9	108.9	99.5	128.7	117.0	73.4	50.7	52.1	27.7	16.9	7.4	10.1

T = less than 50,000 pounds

Scallop Catch Statistics in Millions of Pounds, by Fishing Season.

Area	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Southeastern	.2	.4	.1	.2	T	-	-	.1	.4	.2	T	T
Kodiak	1.0	1.0	.2	.3	-	-	T	T	.2	.4	.1	0.3
Chignik	-	-	-	-	-	-	-	-	-	.2	T	-
Cook Inlet												T
Total	1.2	1.4	.3	.5	-	-	-	.1	.6	.8	.15	0.36

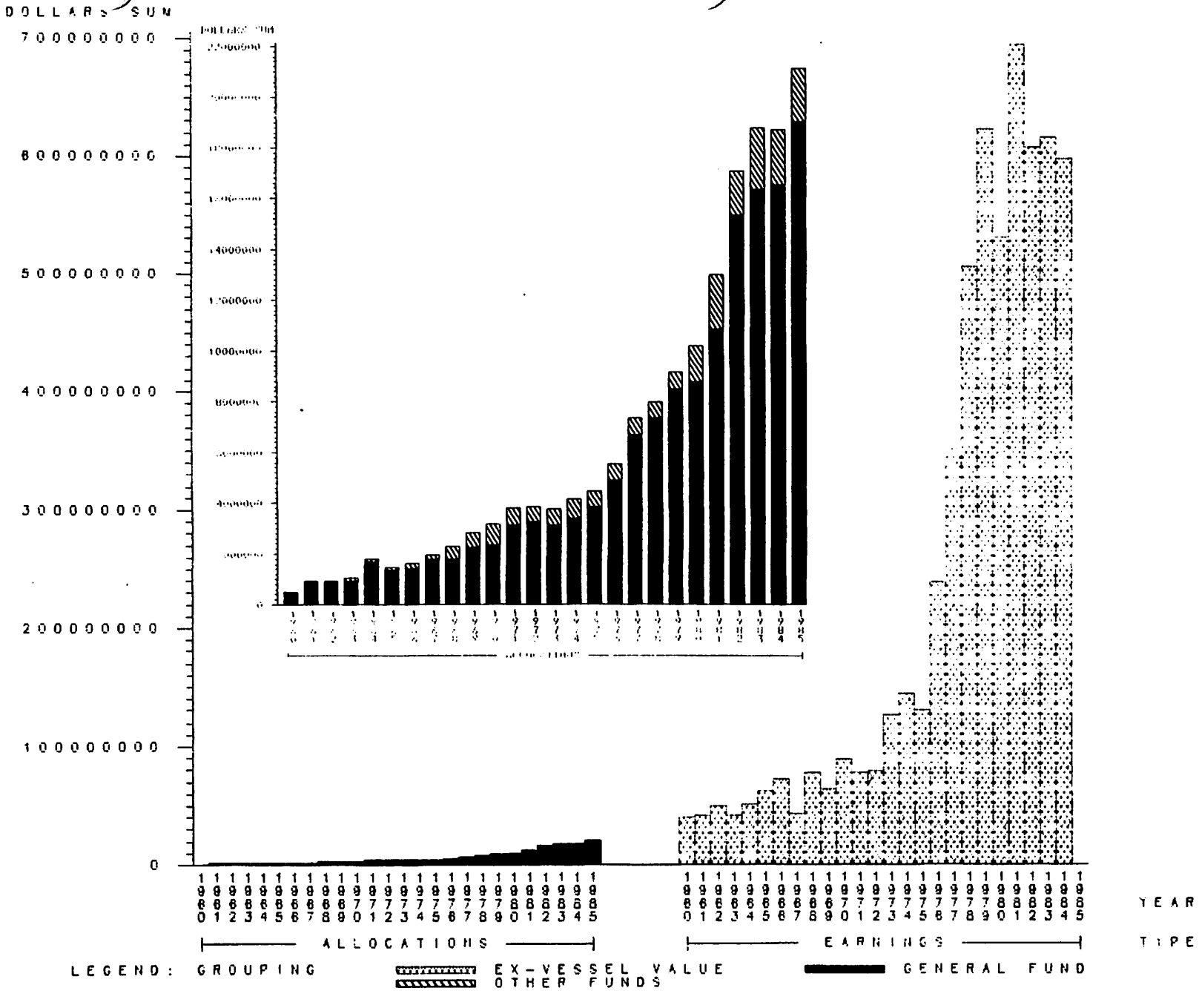
T = less than 50,000 pounds

ALASKA GROUNDFISH LANDINGS
(In metric tons from NPFMC areas)

	1981	1982	1983	1984
Foreign	1,498,357.3	1,334,614.6	1,271,427.0	1,252,605.0
DAP	18,300.3	32,192.2	50,709.9	55,800.0
JVP	95,442.0	183,366.0	349,021.9	580,105.0

Compiled 1/16/85

1960-1985 COMPARISON OF COMMERCIAL FISHERIES DIVISION ALLOCATIONS AND EX-VESSEL VALUE TO FISHERMEN



EARNINGS FOR 1985 HAS NOT BEEN DETERMINED

ALASKA DEPARTMENT OF FISH & GAME

1984 ALASKA GROUNDFISH CATCH

(Round Weight in Metric Tons)

		SOUTH EAST	YAK-UTAT [1]	EASTERN GULF (total)	CENTRAL GULF	WESTERN GULF	ALEU-TIANS	BERING SEA	STATE WATERS [2]	ALASKA TOTAL
Pollock	DAP				330		239	6413		6982
	JVP				199017	7973	6734	229868		443592
	TALFF				56602	42472	71337	859817		1030228
	TOTAL	0	0	0	255949	50445	78310	1096098		1480802
Sablefish	DAP	2603	1642	4245	2756	240	3	1050	1062	9356
	JVP				212	275	270	69		825
	TALFF				362	752	701	1241		3056
	TOTAL	2603	1642	4245	3329	1267	974	2360	1062	13236
Pacific Cod	DAP	15		15	2148	45	731	33505	19	36462
	JVP				4124	298	6455	26258		37134
	TALFF				5172	10818	1274	56922		74185
	TOTAL	15	0	15	11443	11160	8460	116685	19	147781
Flounder	DAP			0	240	5	0	4	124	373
	JVP				2689	556	754	49277		53276
	TALFF				2438	607	3469	181448		187961
	TOTAL	0	0	0	5366	1168	4222	230729	124	241610
P. O. Perch	DAP	3		3		116	2	1240		1362
	TOTAL	3	0	3		116	2	1240		1362
Rockfish	DAP	567	14	581	43			38	161	
	JVP				376	1656	465	153		
	TALFF				2890	310	455	464		4117
	TOTAL	567	14	581	3308	1966	920	655	161	7591
Thornyheads	DAP	9	2	11	1	8		7	4	31
	TOTAL	9	2	11	1	8		7	4	31
Atka Mackerel	DAP					31				31
	JVP				7	577	35877	16		36477
	TALFF				58	478	71	42		648
	TOTAL	0	0	0	65	1087	35947	58		37157
Other	DAP	57	0	57	1				39	97
	JVP				1201	61	1507	1123		3891
	TALFF				356	335	518	10032		11240
	TOTAL	57	0	57	1557	396	2025	11155	39	15229
All Species	DAP	3254	1658	4912	5517	445	975	42258	1409	55517
	JVP				207624	11396	52061	306764		577846
	TALFF				67876	55771	77824	1109965		1311436
	TOTAL	3254	1658	4912	281017	67612	130861	1458987	1409	1944798

1) For sablefish. West Yakutat only. East Yakutat sablefish catches are reported with Southeast catches.

2) Internal state waters of Southeast Alaska and Prince William Sound

Ak. Dept. Fish & Game
1-Feb-85

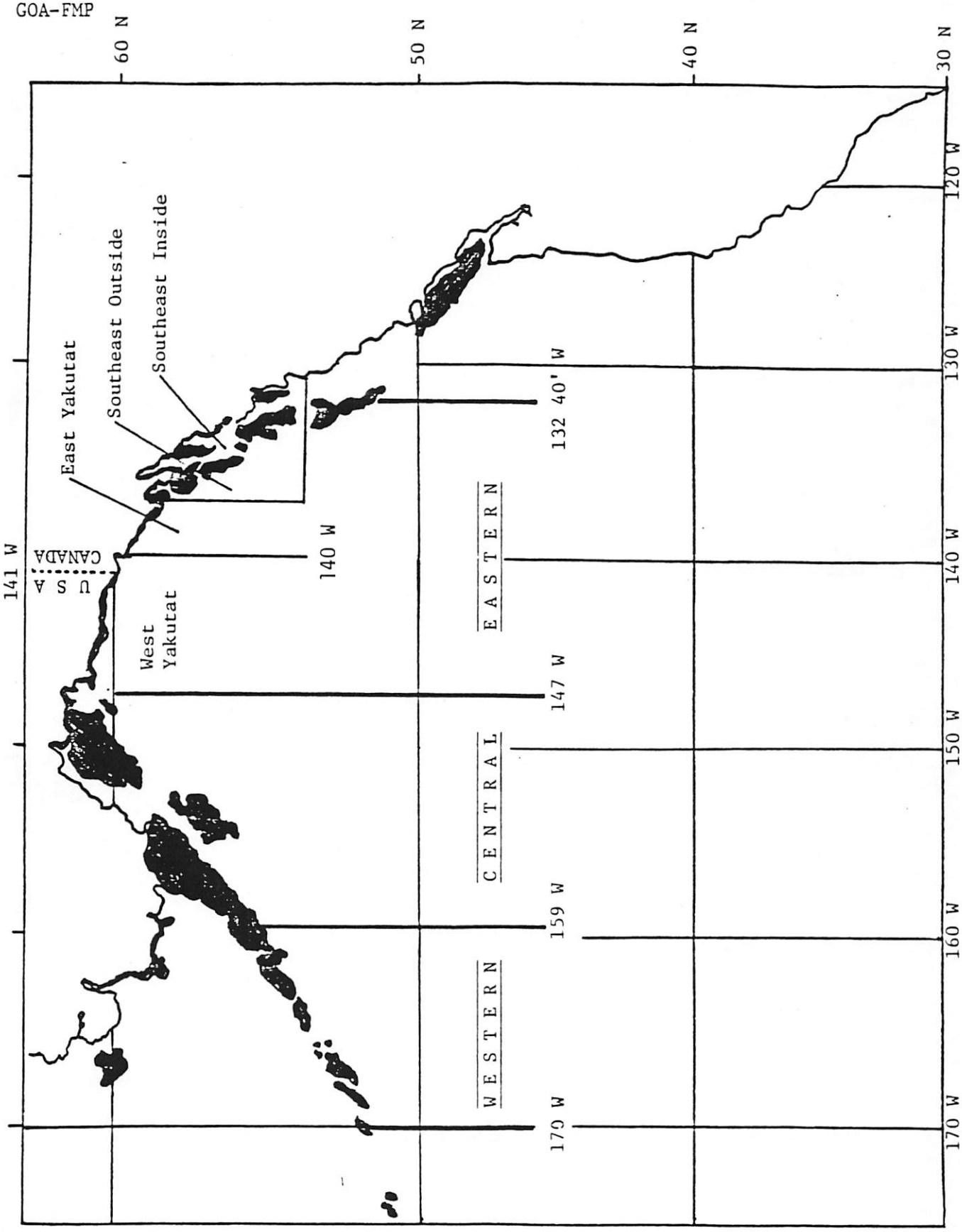


Figure 3.1 Regulatory Areas of the Gulf of Alaska (FMP)