

Alaska Salmon Enhancement Program 1997 Annual Report

compiled by
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ABSTRACT (100 words maximum) The Alaska Department of Fish and Game oversees and regulates all state and private sector salmon rehabilitation and enhancement projects. Protection of Alaska's natural salmon stocks requires biologically thorough permitting processes. Geneticists, pathologists, and biologists review all fishery projects prior to the issuance of a permit to operate a salmon ranching facility, transfer eggs or fish, or release any fish into Alaska waters. Pathology, genetic, and coded wire tag and otolith processing laboratories are maintained to provide both diagnostic information to department fishery managers inseason and technical expertise to the private sector. Over 1.7 billion salmon eggs were collected by Alaska hatchery operators in 1997. In addition, 1.3 billion fish were released and over 26 million fish were harvested in common property fisheries as a result of the ocean ranching program. This harvest represents 26% of the 1997 commercial common property harvest of 102 million fish. The ocean ranching program provides hundreds of Alaskans with seasonal and full-time jobs.		<u>SUBJECT CATEGORY</u> <input checked="" type="checkbox"/> NATURAL RESOURCES <input type="checkbox"/> EDUCATION <input type="checkbox"/> SOCIAL SERVICES <input type="checkbox"/> HEALTH <input type="checkbox"/> TRANSPORTATION <input type="checkbox"/> LAW ENFORCEMENT <input type="checkbox"/> COMMERCE & INDUSTRY <input type="checkbox"/> GENERAL GOVERNMENT <input type="checkbox"/> LOCAL GOVERNMENT <input type="checkbox"/> OTHER
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The Alaska Department of Fish and Game (ADF&G) oversees and regulates all state and private sector salmon rehabilitation and enhancement projects. Protection of Alaska's natural salmon stocks requires biologically thorough permitting processes. Geneticists, pathologists, and biologists review all fishery projects prior to the issuance of a permit to operate a salmon ranching facility, transfer eggs or fish, or release fish into Alaska waters. Pathology, genetic and coded wire tag and otolith processing laboratories are maintained to provide diagnostic information to department fishery managers inseason as well as technical expertise to the private sector.

Over 1.7 billion salmon eggs were collected by Alaska hatchery operators in 1997. In addition, 1.3 billion fish were released and over 26 million fish were harvested in common property fisheries as a result of the ocean ranching program. The ocean ranching program provides hundreds of Alaskans with seasonal and full-time jobs.

Prince William Sound and Southeast Alaska are the predominant regions affected by the enhancement program, and pink and chum salmon are the predominant species reared. Production levels, in terms of egg takes and releases, have largely stabilized. Programs have matured and are generally at planned capacities.

The salmon enhancement program is composed of several factions: 3 state hatcheries, 31 private nonprofit (PNP) hatcheries, 3 federal or Bureau of Indian Affairs (BIA) hatcheries, and several streamside incubation and restoration projects. State hatcheries are operated by the department's Division of Sport Fish and primarily produce salmonid species targeted for sport fisheries. PNP hatcheries, owned by PNP corporations, are permitted to operate salmon hatcheries and recoup their operational costs from a special harvest of adult fish, called a cost recovery harvest. All other returning adult fish are available for harvest in Alaska's common property (public) fisheries. Federal hatcheries are generally used for research, streamside incubation projects enhance specific waters inexpensively, and stream restoration projects involve restoring streams degraded by human-use activities.

With declining state revenues, ADF&G has scaled back this publication to consist primarily of tables, so that statistical information on the statewide fishery enhancement program can carry into the future less expensively and more timely.

Highlights in 1997:

- Four hatcheries closed and one reopened: Clear, Beaver Falls, and Crooked Creek Hatcheries closed and Burnett Inlet closed and then reopened. Clear Hatchery was a state-operated sport fish hatchery near Fairbanks. The production at Clear has been centralized at the Fort Richardson Hatchery. Burnett Inlet was a PNP hatchery that went bankrupt in 1997. The Southern Southeast Regional Aquaculture Association (SSRAA) closed the Beaver Falls Hatchery, purchased the Burnett Inlet Hatchery, made improvements, and moved the Beaver Falls operations to Burnett Inlet. Crooked Creek Hatchery was a state-contracted facility located near Soldotna. The contractor, Cook Inlet Aquaculture Association (CIAA), opted to cancel its contract with the state to operate the aging facility. Projects from that facility were transferred to the Trail Lakes Hatchery.
- The commercial common property harvest of salmon was composed of 26% enhancement program-produced fish. This is the largest percent contribution the enhancement program has made to Alaska's commercial fisheries. Though the enhanced fish harvest was less than that of 1996, the smaller wild commercial harvest created the larger percent contribution.
- In 1997, 42% of the total return of enhanced salmon went to cost recovery. This is the largest number of fish sold to recover hatchery operating costs since the start of the PNP hatchery program, and is a result of low salmon prices.
- More than 450,000 hatchery-produced fish representing 10 species (chinook, coho, pink,

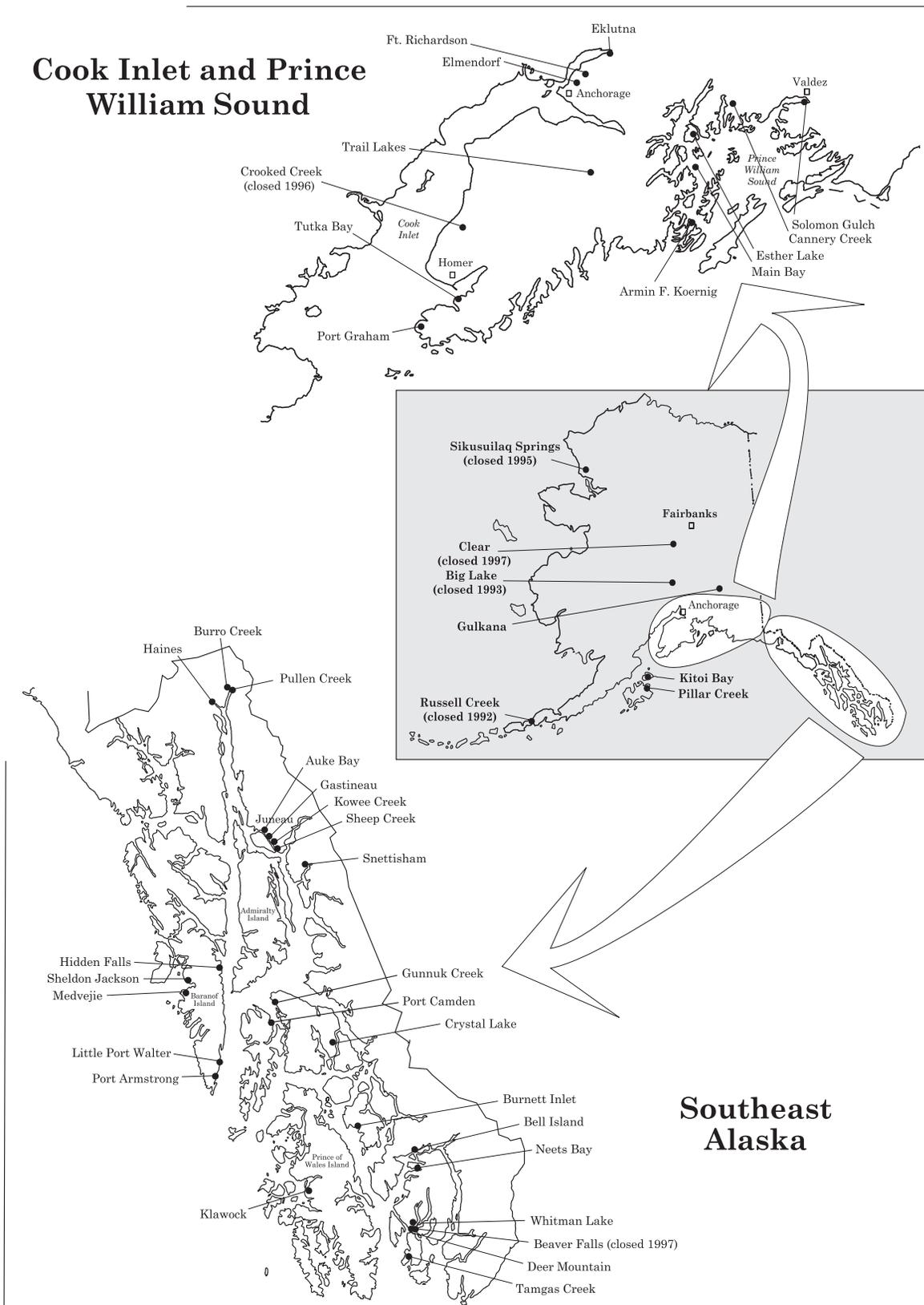


Figure 1. Locations of Alaska hatcheries.

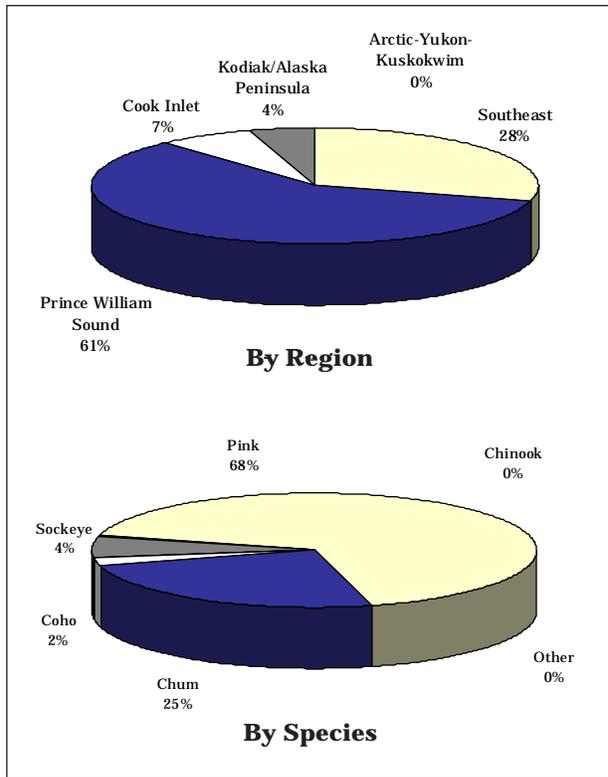


Figure 2. Total returns to enhancement projects in 1997.

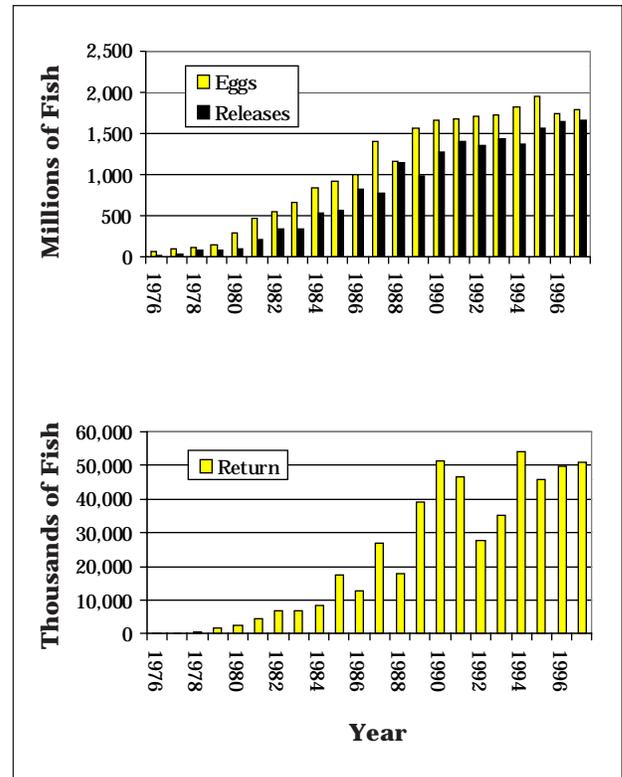


Figure 3. Total egg takes, releases, and returns to the enhancement program in 1997.

sockeye, and chum salmon; steelhead, lake and rainbow trout; Arctic char and grayling) were caught by sport fishermen in 1997.

- Hatcheries provided 21% of the troll-caught coho salmon harvest in Southeast Alaska.
- Nearly 87% of the summer chum salmon gill-net harvest in Lynn Canal was attributed to contributions from Douglas Island Pink and Chum (DIPAC) and Northern Southeast Regional Aquaculture Association (NSRAA) enhancement projects.
- NSRAA produced 50.4% of the commercial chum salmon harvest in Southeast Alaska. The exvessel value of this harvest was approximately \$8.4 million. The value of all NSRAA-produced salmon to the Southeast commercial fleet was \$9.9 million.
- Sockeye salmon returns to the English Bay Lake system, supplemented by the Nanwalek salmon enhancement project, were able to support a third consecutive year of commercial harvest after nearly a decade of closures.

- The harvest of pink salmon from the CIAA-operated Tutka Hatchery accounted for 62% of the total commercial common property harvest of pink salmon in Cook Inlet.
- For the first time, pink salmon that had been wide-scale otolith-marked returned as adults to Prince William Sound in 1997. Otolith recoveries were used to make in-season management decisions to help protect wild stocks.
- More than 80% of all fish caught in the commercial common property fisheries in Prince William Sound were produced by area hatcheries.
- In 1997, at least 160,000 sockeye salmon returned to Spiridon Lake, again accounting for about 6% of the total sockeye harvest in the Kodiak management area.
- The production phase of the subsistence rehabilitation project at Kametlook, near Chignik, began with installation of new instream incubation boxes and a small coho salmon egg take.

Table 1. Total egg takes, releases, and returns to the Alaska salmon enhancement program in 1997.

Estimated egg takes from Alaska hatcheries, in millions, 1997.

Region	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast	95.84	443.38	23.84	10.15	15.70	0.01	588.92
Prince William Sound	627.05	122.24	3.86	0.00	48.18	0.00	801.33
Cook Inlet	132.89	0.00	2.95	2.25	25.56	3.56	167.22
Kodiak/Alaska Peninsula	208.00	16.21	2.47	0.00	8.55	0.00	235.22
Arctic-Yukon-Kuskokwim	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	1,063.78	581.83	33.12	12.40	97.99	3.58	1,792.69

Estimated releases from Alaska hatcheries, in millions, 1997.

Region	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast	94.66	358.75	18.45	5.75	13.52	0.02	491.15
Prince William Sound	483.70	95.81	1.51	0.10	33.01	0.00	614.12
Cook Inlet	89.91	0.00	1.84	1.75	20.07	1.78	115.34
Kodiak/Alaska Peninsula	105.00	23.50	1.23	0.00	9.93	0.00	139.66
Arctic-Yukon-Kuskokwim	0.00	0.00	0.16	0.00	0.00	0.16	0.32
Totals	773.27	478.06	23.18	7.59	76.53	1.96	1,360.60

Total returns attributed to Alaska hatcheries and enhancement projects, 1997.

Region	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast	3,051,012	10,518,918	742,058	95,100	498,906	60	14,906,054
Prince William Sound	26,463,457	2,059,553	115,538	2,505	1,514,366	0	30,155,419
Cook Inlet	2,957,917	1,745	105,561	44,407	205,355	107,141	3,422,126
Kodiak/Alaska Peninsula	1,483,755	29,103	138,596	0	806,137	0	2,457,591
Arctic-Yukon-Kuskokwim	0	0	5,909	0	0	6,521	12,430
Totals	33,956,141	12,609,319	1,107,662	142,012	3,024,764	113,722	50,953,620

Table 2. Alaska enhancement/common property commercial harvest of enhanced fish, in thousands of fish, 1997.

Area	Harvest ^a	Chinook	Sockeye	Coho	Pink	Chum	Total
Southeast	Total Commercial Harvest	291	2,450	1,749	28,657	11,260	44,406
	Total Cost Recovery Harvest	32	57	245	1,776	3,835	5,946
	Common Property Harvest	259	2,393	1,504	26,881	7,424	38,460
	Enhanced Fish Harvested	37	301	378	688	6,026	7,430
	% Enhanced in Total Harvest	14.2%	12.6%	25.1%	2.6%	81.2%	19.3%
Prince William Sound	Total Commercial Harvest	52	4,133	76	25,706	2,216	32,184
	Total Cost Recovery Harvest	0	266	10	9,817	807	10,900
	Common Property Harvest	52	3,867	67	15,889	1,409	21,284
	Enhanced Fish Harvested	1	1,113	53	14,869	1,072	17,108
	% Enhanced in Total Harvest	1.7%	28.8%	79.8%	93.6%	76.1%	80.4%
Cook Inlet	Total Commercial Harvest	14	4,317	147	2,745	94	7,317
	Total Cost Recovery Harvest	0	62	3	2,465	1	2,531
	Common Property Harvest	14	4,255	144	279	93	4,786
	Enhanced Fish Harvested	1	83	25	172	1	282
	% Enhanced in Total Harvest	8.1%	1.9%	17.2%	61.6%	1.1%	5.9%
Kodiak	Total Commercial Harvest	19	2,465	350	11,009	510	14,353
	Total Cost Recovery Harvest	0	0	0	0	0	0
	Common Property Harvest	19	2,465	350	11,009	510	14,353
	Enhanced Fish Harvested	0	408	109	1,225	11	1,753
	% Enhanced in Total Harvest	0.0%	16.5%	31.1%	11.1%	2.2%	12.2%
Chignik/Aleutian Islands/ Alaska Peninsula	Total Commercial Harvest	20	5,116	291	3,162	835	9,423
	Enhanced Fish Harvested	0	0	0	0	0	0
	% Enhanced in Total Harvest	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bristol Bay	Total Commercial Harvest	76	12,309	50	0	307	12,743
	Enhanced Fish Harvested	0	0	0	0	0	0
	% Enhanced in Total Harvest	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Arctic-Yukon-Kuskokwim	Total Commercial Harvest	173	123	198	0	339	834
	Enhanced Fish Harvested	0	0	0	0	0	0
	% Enhanced in Total Harvest	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	Total Commercial Harvest	646	30,912	2,862	71,278	15,561	121,259
	Total Cost Recovery Harvest	32	385	258	14,058	4,643	19,377
	Common Property Harvest	614	30,527	2,603	57,220	10,918	101,882
	Enhanced Fish Harvested	39	1,905	565	16,955	7,109	26,573
	% Enhanced in Total Harvest	6.3%	6.2%	21.7%	29.6%	65.1%	26.1%

^a Total commercial harvest includes fish caught by all commercial gear types, which includes fish harvested for cost recovery.

Table 3. Fishery enhancement program time line of events.

Year	Event	Number of State	Number of Private Nonprofit	Number of Federal
1934	Federal research station Little Port Walter constructed			1
1950	Federal hatchery at Auke Creek constructed			2
1953	1 territorial hatchery constructed (Kitoi Bay)	1		
1954	1 territorial hatchery constructed (Deer Mountain)	2		
1958	1 territorial hatchery constructed (Ft. Richardson)	3		
1965	1 state hatchery constructed (Fire Lake)	4		
1969	1 state hatchery constructed (Crystal Lake)	5		
1971	Fisheries Rehabilitation, Enhancement and Development (FRED) Division created by legislature			
1973	2 state hatcheries constructed (Crooked Creek and Gulkana) State enhancement projects at Starrigavan and Halibut Cove started	7		
1974	2 state hatcheries constructed (Beaver Falls and East Creek) Legislature authorizes permits for private nonprofit hatchery operators to salmon ranch	9		
1975	4 PNP permits issued (Sheldon Jackson (#3), Port San Juan (#2), Perry Island (#1), and Sandy Bay (#4)) 2 state hatcheries constructed (Big Lake and Tutka)	11	4	
1976	AS 16.10.375 passed, designating regions for regional planning teams and enhancing salmon 1 state hatchery constructed (Elmendorf) 2 PNP permits issued (Burnett Inlet (#5) and Kowee Creek (#6))	12	6	
1977	1 PNP permit issued (Gunnuk Creek (#7)) 2 state hatcheries constructed (Klawock and Russell Creek) State enhancement project at Karluk Lake started	14	7	
1978	1 PNP permit issued (Whitman Lake (#8)) 2 state hatcheries constructed (Cannery Creek and Hidden Falls)	16	8	
1979	3 PNP permits issued (Sheep Creek (#11), Meyers Chuck (#10), and Salmon Creek (#9)) 1 state hatchery constructed (Snettisham) 1 state hatchery closed (Fire Lake)	17 16	11	
1980	1 PNP permit issued (Burro Creek (#12)) 2 state hatcheries constructed (Clear and Main Bay) 1 hatchery at Tamgas Creek constructed (Metlakatla Indian Community/BIA)	18	12	3
1981	1 state hatchery closed (East Creek) 2 state hatcheries constructed (Sikusuilak and Trail Lakes) 4 PNP permits issued (Medvejie (#16), Port Armstrong (#13), Solomon Gulch (#15), and Salmon Creek (#14)) 1 PNP permit revoked (Salmon Creek (#9))	17 19	16 15	
1982	2 PNP permits issued (Eklutna (#17) and Favorite Bay (#18))		17	
1983	3 PNP permits issued (Neets Bay (#19), Crittenden Creek (#22), and Esther (#20)) 1 state hatchery completed (Broodstock Development Center)	20	20	
1984	1 PNP permit issued (Santa Anna (#21))		21	
1985	1 PNP permit issued (Port Camden (#23))		22	
1986	1 PNP permit issued (Beaver Falls (#24))		23	
1987	1 PNP permit issued (Gastineau (#25))		24	
1988	Aquatic Farm Act signed; statute passes allowing contracting of hatchery operations 4 state hatcheries contracted to private sector (Kitoi Bay, Trail Lakes, Cannery Creek, and Hidden Falls) 4 PNP permits issued (Hidden Falls (#28), Cannery Creek (#26), Trail Lakes (#27), and Kitoi Bay (#29)) 1 state hatchery constructed (Pillar Creek) 2 PNP permits revoked (Sandy Bay (#4) and Salmon Creek (#14))	16 17	28 26	
1990	CSHB432 becomes law prohibiting finfish farming in Alaska 1 PNP permit issued (Bell Island (#30))		27	
1991	5 state hatcheries contracted to private sector (Main Bay (#31), Tutka, Gulkana (#39), Pillar Creek (#38), and Beaver Falls (#24)) — Beaver Falls and Tutka tallied elsewhere Portions of 6 state hatcheries paid for by private or federal funds	12	30	
1992	1 state hatchery closed (Russell Creek) 2 PNP permits issued (Haines projects (#34) and Port Graham (#33)) 1 PNP permit revoked (Meyers Chuck (#10)) FRED Division merged with the Commercial Fisheries Division to form the Commercial Fisheries Management and Development (CFMD) Division	11	32 31	
1993	3 state hatcheries transferred from CFMD Division to Sport Fish Division (Broodstock Development Center, Elmendorf, and Ft. Richardson) 2 state hatcheries contracted to private sector (Crooked Creek and Klawock) 1 state hatchery closed (Big Lake)	9 8		
1994	4 PNP permits issued (Tutka (#32), Crooked Creek (#35), Klawock (#36), and Deer Mountain (#37)) 1 state hatchery contracted (Deer Mountain) Ft. Richardson Hatchery merged with Broodstock Development Center	7 6	35	

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Table 3. Page 2 of 2.

Year	Event	Number of State	Number of Private Nonprofit	Number of Federal
1995	1 state hatchery transferred from CFMD Division to Sport Fish Division (Crystal Lake) 1 state hatchery closed (Sikusuilag) 1 PNP hatchery under new management (Klawock (#38))	5		
1996	1 state hatchery contracted (Snettisham (#39)) 1 state hatchery transferred from CFMD Division to Sport Fish Division (Clear) 3 PNP permits revoked (Crittenden Creek (#22), Santa Anna (#21), and Favorite Bay (#18))	4	36 33	
1997	1 state hatchery closed (Clear) 2 state-contracted (PNP) hatcheries closed (Beaver Falls (#24) and Crooked Creek (#35)) 1 PNP hatchery closed & reopened under new management (Burnett Inlet (#5, now #40))	3	 31 31	

Note: Perry Island is not an active PNP site.

Table 4. Eggs taken at Alaska hatcheries in 1997, in millions.

Region/Operator/Location		Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast								
SSRAA	Whitman Lake		29.19	6.70	2.12			38.01
	Neets Bay		109.96					109.96
	Beaver Falls			Closed in 1997				0.00
NSRAA	Hidden Falls		87.49	5.11	2.00			94.60
	Medvejie Creek	0.22	27.54	3.03	1.96			32.75
	Port Camden		2.44					2.44
	Haines projects		0.90			0.12		1.02
AAI	Burnett Inlet			No Eggs in 1997				0.00
AKI	Port Armstrong	80.07		0.68				80.76
BCF	Burro Creek	0.40	0.03	0.10	0.05			0.58
DIPAC	Sheep Creek			No Eggs in 1997				0.00
	Gastineau	9.41	116.74	NA	0.79			126.95
	Snettisham					14.47		14.47
KTHC	Deer Mountain			0.18	0.14		0.01	0.34
KNFC	Gunnuk Creek		66.74					66.74
POWHA	Klawock			3.00		1.10		4.10
SJC	Indian River	5.65	1.95	0.00	0.05			7.65
MIC	Tamgas Creek		0.40	4.70	0.65	0.00		5.75
Federal	Little Port Walter				0.70			0.70
	Auke Creek	0.07		0.07				0.14
ADF&G	Crystal Lake			0.27	1.69			1.96
Southeast Totals		95.84	443.38	23.84	10.15	15.70	0.01	588.90
Prince William Sound								
PWSAC	Armin F. Koernig	119.08	10.96					130.04
	Wally Noerenberg	110.29	111.28	1.60				223.17
	Cannery Creek	159.80						159.80
	Main Bay					10.68		10.68
	Gulkana					37.51		37.51
VFDA	Solomon Gulch	237.87		2.25				240.13
Prince William Sound Totals		627.05	122.24	3.86	0.00	48.18	0.00	801.33
Cook Inlet								
PGHC	Port Graham	15.49		0.04		1.33		16.86
CIAA	Eklutna					12.04		12.04
	Trail Lakes			0.69		11.53		12.21
	Tutka Bay	117.40				0.67		118.07
	Crooked Creek			Closed in 1997				
ADF&G	Elmendorf			0.58	1.28			1.87
	Ft. Richardson			1.64	0.97		3.56	6.17
Cook Inlet Totals		132.89	0.00	2.95	2.25	25.56	3.56	167.22
Kodiak								
KRAA	Kitoi Bay	208.00	16.21	2.32				226.53
	Pillar Creek			0.15		8.55		8.69
Kodiak Totals		208.00	16.21	2.47	0.00	8.55	0.00	235.22
Arctic-Yukon-Kuskokwim								
ADF&G	Clear			Closed in 1997				0.00
Arctic-Yukon-Kuskokwim Totals		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Statewide Totals		1,063.78	581.83	33.12	12.40	97.99	3.58	1,792.67

Note 1: If eggs were transferred, they are listed by the hatchery that received them.

Note 2: Individual hatchery egg takes may not add up to the regional or statewide totals because of rounding.

See Table 17 for a list of acronyms used in this report.

Table 5. Alaska hatchery 1997 releases, in millions of fish.

Region/Operator/Location		Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast								
SSRAA	Whitman Lake			0.54	0.70			1.24
	Neck Lake			1.86				1.86
	Kendrick Bay		9.16					9.16
	Nakat Inlet		8.08	0.21				8.28
	Earl West Cove		8.06	0.23				8.29
	Neets Bay		74.09	3.38	0.34			77.81
	Beaver Falls							0.00
	Salmon Lake					0.30		0.30
	Hugh Smith Lake					0.57		0.57
NSRAA	Hidden Falls		37.54	1.50	0.94			39.99
	Takatz		25.02					25.02
	Medvejie Creek	0.28	4.99	2.95	1.05			9.27
	Deep Inlet		33.58					33.58
	Port Camden		4.39					4.39
	Haines projects		0.21			0.57		0.78
AAC	Bell Island			No Releases in 1997				0.00
AAI	Burnett Inlet			Releases Not Available				0.00
AKI	Port Armstrong	81.41		2.65				84.06
BCF	Burro Creek	0.30		0.05	0.01			0.36
DIPAC	Sheep Creek		25.94					25.94
	Gastineau	5.90	12.17	0.43	0.17			18.67
	Sheep Creek		13.34	0.58	0.04			13.96
	Amalga Harbor		34.54					34.54
	Boat Harbor		7.76					7.76
	Limestone Inlet		12.98					12.98
	Fish Cr/Auke Bay/Twin L			0.01	0.36			0.37
	Snettisham					11.84		11.84
KTHC	Deer Mountain				0.10		0.02	0.10
KNFC	Gunnuk Creek		42.50					42.50
SJC	Sheldon Jackson	6.70	3.40	0.07	0.08			10.25
MIC	Tamgas Creek		1.00	3.73	0.37			5.09
POWHA	Klawock					0.24	0.00	0.24
Federal	Little Port Walter				0.19			0.19
	Auke Creek	0.07		0.02				0.08
ADF&G	Crystal Lake			0.25	0.95			1.20
	Earl West Cove				0.43			0.43
Southeast Totals		94.66	358.75	18.45	5.75	13.52	0.02	491.15
Prince William Sound								
PWSAC	Armin F. Koernig	51.56	8.52					60.09
	Wally Noerenberg	106.44	69.96	0.09				176.50
	Port Chalmers		17.32					17.32
	Whittier			0.05				0.05
	Cordova			0.05	0.05			0.10
	Chenega				0.05			0.05
	Gulkana I and II					31.79		31.79
	Cannery Creek	136.84						136.84
	Main Bay					1.22		1.22
VFDA	Solomon Gulch	188.86		1.31				190.18
Prince William Sound Totals		483.70	95.81	1.51	0.10	33.01	0.00	614.12
Cook Inlet								
PGHC	Port Graham	0.91		0.03		0.20		1.14
CIAA	Eklutna			0.07		8.77		8.84
	Trail Lakes							
	Packers Lake					0.63		0.63
	Bear Lake/Creek			0.60		0.79		1.39
	Tustumena Lake					6.01		6.01
	Grouse Lake					1.93		1.93
	Hidden Lake					1.50		1.50
	Crooked Creek			Closed in 1997				
	Tutka Bay	89.00				0.25		89.25

— continued —

Table 5. Page 2 of 2.

Region/Operator/Location	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Cook Inlet (continued)							
ADF&G Elmendorf			0.33	1.37		0.08	1.69
Ft. Richardson			0.81	0.38		1.70	2.89
Cook Inlet Totals	89.91	0.00	1.84	1.75	20.07	1.78	115.26
Kodiak							
KRAA Kitoi Bay	105.00	23.50	1.08		0.65		130.23
Pillar Creek			0.15		9.28		9.43
Kodiak Totals	105.00	23.50	1.23	0.00	9.93	0.00	139.66
Arctic-Yukon-Kuskokwim							
ADF&G Clear			0.16			0.16	0.32
Arctic-Yukon-Kuskokwim Totals	0.00	0.00	0.16	0.00	0.00	0.16	0.32
Statewide Totals	773.27	478.06	23.18	7.59	76.53	1.96	1,360.52

Note: Individual hatchery releases may not add up to the regional or statewide totals because of rounding.

See Table 17 for a list of acronyms used throughout this report.

Table 6. Estimated adult returns, by species, to Alaska enhancement projects in 1997, including common property harvests, as reported by operators.

Region/Operator/Location		Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast								
SSRAA	Whitman Lake		876,377	44,922	4,245			925,544
	Neets Bay		3,049,198	158,354	765			3,208,317
	Beaver Falls					348,533		348,533
NSRAA	Hidden Falls		1,709,824	103,668	26,290			1,839,782
	Medveje Creek		2,609,792	103,890	36,966			2,750,648
	Haines projects		15,234			3,089		18,323
AAI	Burnett Inlet	586,240	153,336					739,576
AKI	Port Armstrong	1,806,342		77,891	1,498			1,885,731
BCF	Burro Creek	2,078	92	141	46			2,357
DIPAC	Sheep Creek		173,270	215				173,485
	Gastineau	209,427	1,378,077	51,501	4,625			1,643,630
	Snettisham					138,583		138,583
KNFC	Gunnuk Creek		486,774					486,774
AAC	Bell Island							0
SJC	Indian River	446,925	1,944	255	638			449,762
POWHA	Klawock			105,087		8,701		113,788
MIC	Tamgas Creek		65,000	76,370	3,726			145,096
Federal	Auke Creek			Not Available				0
	Little Port Walter				4,250			4,255
COOP	Earl West Cove				2,709			2,709
ADF&G	Crystal Lake			5,090	8,723			13,813
KTHC	Deer Mountain			9,737	614		60	10,411
	Fish Pass/Other			4,937				4,937
Southeast Totals		3,051,012	10,518,918	742,058	95,095	498,906	60	14,906,054
Prince William Sound								
PWSAC	Armin F. Koernig	6,974,318						6,974,318
	Wally Noerenberg	6,194,964	1,788,700	19,615	2,505			8,005,784
	Cannery Creek	6,038,502						6,038,502
	Main Bay					1,098,404		1,098,404
	Gulkana					415,962		415,962
VFDA	Solomon Gulch	7,255,673	270,853	95,923				7,622,449
Prince William Sound Totals		26,463,457	2,059,553	115,538	2,505	1,514,366	0	30,155,419
Cook Inlet								
PGHC	Port Graham	186,177				50,141		236,318
CIAA	Eklutna		1,745	1,093		57,938		60,776
	Trail Lakes			10,165		97,276		107,441
	Tutka	2,771,740						2,771,740
	Crooked Creek			Closed in 1997				0
ADF&G	Elmendorf			46,176	16,364			62,540
	Ft. Richardson			48,127	28,043		107,141	183,311
Cook Inlet Totals		2,957,917	1,745	105,561	44,407	205,355	107,141	3,422,126
Kodiak								
KRAA	Kitoi Bay	1,469,946	29,103	129,708		49,918		1,678,675
	Fish Pass/Other	13,809				353,356		367,165
	Pillar Creek			8,888		402,863		411,751
Kodiak Totals		1,483,755	29,103	138,596	0	806,137	0	2,457,591
Arctic-Yukon-Kuskokwim								
ADF&G	Clear			5,909			6,521	12,430
Arctic-Yukon-Kuskokwim Totals		0	0	5,909	0	0	6,521	12,430
Statewide Totals		33,956,141	12,609,319	1,107,662	142,012	3,024,764	113,722	50,953,620

See Table 17 for a list of acronyms used in this report.

Table 7. Projected adult returns, by species, to Alaska enhancement projects in 1998.

Region/Operator/Location		Pink	Chum	Coho	Chinook	Sockeye	Other	Total	
Southeast									
SSRAA	Whitman Lake			38,200	1,000			39,200	
	Earl West Cove		134,900	13,700	4,500			153,100	
	Nakat Inlet		386,500	14,500				401,000	
	Carroll Inlet				2,100			2,100	
	Kendrick Bay		401,500					401,500	
	Neck Lake			48,000				48,000	
	Neets Bay		2,791,900	202,900	1,300			2,996,100	
	Beaver Falls							0	
	Salmon					48,000		48,000	
	Virginia Lake					33,500		33,500	
	Badger/Bakewell					21,900		21,900	
	Hugh Smith Lake					45,400		45,400	
	McDonald Lake					240,000		240,000	
	NSRAA	Hidden Falls		864,000	120,000	12,700			996,700
		Takatz Bay		707,000					707,000
		Medveje Creek		285,000	400	32,200			317,600
		Deep Inlet		1,615,000					1,615,000
Mist Cove/Deer Lake				145,000				145,000	
Shamrock Bay				14,000				14,000	
Port Camden			24,500					24,500	
AAI	Haines projects		4,884			8,538		13,422	
	Burnett Inlet			Not Available				0	
AKI	Port Armstrong	3,256,000		60,700	150			3,316,850	
BCF	Burro Creek	3,000	60	632	150			3,842	
DIPAC	Sheep Creek		678,000					678,000	
	Gastineau	218,570	209,663	30,000	4,700			462,933	
	Auke/Fish Creek			40,000	7,960			47,960	
	Sheep Creek				78			78	
	Amalga Harbor		1,156,000					1,156,000	
	Boat Harbor		120,000					120,000	
	Limestone Inlet		197,000					197,000	
	Snettisham					67,700		67,700	
	Speel Lake					16,000		16,000	
	Crescent Lake					1,830		1,830	
	Sweetheart Lake					20,000		20,000	
	Chilkat Lake					63,700		63,700	
	Gilbert Bay					21,100		21,100	
	Taku River					13,800		13,800	
	Stikine River					103,000		103,000	
KTHC	Deer Mountain			6,000	831			6,831	
	Ward Creek			7,360				7,360	
KNFC	Gunnuk Creek		102,000					102,000	
	Southeast Cove		276,000					276,000	
AAC	Bell Island						0		
SJC	Indian River	134,000	13,600	1,480	1,160			150,240	
Federal	Auke Creek	600						600	
	Little Port Walter			Not Available				0	
POWHA	Klawock			3		27,300	25	27,303	
ADF&G	Crystal Lake			6,340	9,600			15,940	
COOP	Earl West Cove				6,700			6,700	
Southeast Totals		3,612,170	9,967,507	749,215	85,129	731,768	25	15,145,789	
Prince William Sound									
PWSAC	Armin F. Koernig	2,223,000						2,223,000	
	Wally Noerenberg	4,542,000	1,592,000	16,500	13,920			6,164,420	
	Cannery Creek	4,920,000						4,920,000	
	Main Bay					6,400		6,400	
	Coghill					234,200		234,200	
	Eshamy					26,900		26,900	
	Eyak					4,300		4,300	
VFDA	Gulkana					462,000		462,000	
	Solomon Gulch	8,631,000		105,000				8,736,000	
Prince William Sound Totals		20,316,000	1,592,000	121,500	13,920	733,800	0	22,777,220	
Cook Inlet									
PGHC	Port Graham	36,400				75,000		111,400	
CIAA	Eklutna			6,950		35,000		41,950	
	Kirschner/Leisure/Chenik Bruin/Ursus/Paint					120,200		120,200	
					26,100			26,100	

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Table 7. Page 2 of 2.

Region/Operator/Location	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Cook Inlet (continued)							
Trail Lakes							0
Packers Lake					91,600		91,600
Hidden Lake					81,500		81,500
Bear Lake			20,800		11,500		32,300
Chelatna Lake					270,000		270,000
Tustumena Lake					708,000		708,000
Coal Creek					1,900		1,900
Grouse Lake					10,700		10,700
Tutka Bay	1,967,000				4,100		1,971,100
ADF&G			43,500	17,950			61,450
Ft. Richardson			45,500	24,000		100,000	169,500
Cook Inlet Totals	1,967,000	0	116,750	41,950	1,360,600	100,000	3,586,300
Kodiak							
KRAA	1,105,000	43,500	108,400				1,256,900
Kitoi Bay			2,460				2,460
Pillar Creek					249,000		249,000
Kodiak Totals	1,105,000	43,500	110,860	0	249,000	0	1,508,360
Arctic-Yukon-Kuskokwim							
ADF&G						6,100	6,100
Clear						6,100	6,100
Arctic-Yukon-Kuskokwim Totals	0	0	0	0	0	6,100	6,100
Statewide Totals	27,000,170	11,603,007	1,098,325	140,999	3,075,168	106,125	43,023,769

See Table 17 for a list of acronyms used in this report.

Table 8. Cumulative state loans and enhancement funds returned to associations (through December 31, 1997) and annual fish sales for private nonprofit hatcheries.

Region/Corporation (number of permits)	State Loans				Enhancement Funds Generated through Assessments Returned to Associations via Contract		1997 Operator- Reported Revenues
	For Capital Construction		For Operations		FY 98	Cumulative	
	CY 97	Cumulative	CY 97	Cumulative			
Southern Southeast							
SSRAA (Southern Southeast Regional Aquaculture Association) — (3)	\$ 9,393,000		\$ 354,231	\$ 4,133,009	\$1,145,554	\$26,481,287 note 1	\$ 4,156,734
AAI (Alaska Aquaculture, Inc.) — (1)	\$ 3,469,418			\$ 4,678,794		NA	
MCAA (Meyers Chuck Aquaculture Association) — (0)	\$ 10,000					NA	
POWHA (Prince of Wales Hatchery Association) — (1)	\$ 400,000		\$ 60,000	\$ 460,000			\$ 22,918
Northern Southeast							
NSRAA (Northern Southeast Regional Aquaculture Association) — (4)	\$ 2,724,265			\$ 1,816,496	\$ 879,823	\$17,737,404 note 1	\$ 2,193,057
AKI (Armstrong-Keta, Inc.) — (1)	\$ 3,065,142		\$ 500,000	\$ 3,586,398		NA	\$ 839,874
BCF (Burro Creek Farms, Inc.) — (1)	\$ 143,500			\$ 240,875		NA	\$ 1,646
DIPAC (Douglas Island Pink and Chum, Inc.) — (4)	\$ 9,139,000		\$ 400,000	\$13,164,000		NA	\$ 3,261,101
KNFC (Kake Nonprofit Fisheries Corporation) — (1)	\$ 1,500,724		\$ 368,000	\$ 4,774,060		NA	\$ 518,532
SJC (Sheldon Jackson College) — (1)	\$ 423,624			\$ 61,370		NA	\$ 69,577
THFDC (Tlingit and Haida Fisheries Development Corporation) — (0)	\$ 1,464,000			\$ 89,860		NA	
Prince William Sound							
PWSAC (Prince William Sound Aquaculture Corporation) — (3)	\$24,467,209			\$ 5,585,500	\$ 611,444	\$10,723,004 note 2	\$ 7,162,044
VFDA (Valdez Fisheries Development Association) — (1)	\$ 3,193,830		\$1,062,703	\$ 7,048,746		NA	\$ 2,762,905
Cook Inlet							
PGHC (Port Graham Hatchery Corporation) — (1)			\$ 235,000	\$ 235,000		NA	\$ 88,474
CIAA (Cook Inlet Aquaculture Association) — (4)	\$ 1,438,881			\$ 1,583,369	\$ 639,715	\$18,229,042 note 2	\$ 1,147,942
Kodiak							
KRAA (Kodiak Regional Aquaculture Association) — (2)					\$ 545,021	\$ 8,901,363 note 2	
Chignik							
CRAA (Chignik Regional Aquaculture Association) — (0)					\$ 251,090	\$ 1,384,710 note 2	
Statewide Totals	\$0	\$60,832,593	\$2,979,934	\$47,457,477	\$4,072,647	\$83,456,810	\$22,224,804

Sources: Vicky Malley and Dave Massey, Department of Commerce and Economic Development — Fisheries Enhancement Revolving Loan Fund Program Overview; PNP annual reports.

Note 1: A 3% mandatory assessment tax was collected from commercial fishermen.

Note 2: A 2% mandatory assessment tax was collected from commercial fishermen.

NA = not available

CY = calendar year

FY 98 = fiscal year 1998 (July 1, 1997–June 30, 1998)

Table 9(a). Summary of salmon production from Alaska hatcheries and enhancement projects.

Year	Egg Takes	Fry Releases	Total Returns	Year	Egg Takes	Fry Releases	Total Returns
1965				1981	471,521,000	213,610,000	4,535,820
1966	NA	676,000	0	1982	543,770,000	331,281,000	6,930,068
1967	NA	1,468,000	0	1983	656,523,000	336,278,000	6,670,292
1968	NA	928,400	0	1984	831,065,000	533,309,000	8,197,790
1969	NA	923,900	0	1985	914,692,000	556,240,000	17,407,937
1970	NA	659,700	0	1986	1,002,852,000	827,385,000	12,693,232
1971	NA	659,000	0	1987	1,397,805,000	770,271,000	26,748,764
1972	NA	1,808,000	0	1988	1,161,431,000	1,145,841,000	17,877,036
1973	2,106,000	192,000	0	1989	1,563,083,000	982,441,000	38,908,688
1974	8,095,000	1,514,780	0	1990	1,656,565,000	1,275,234,000	51,221,000
1975	28,890,000	3,548,000	17,550	1991	1,667,759,000	1,395,745,000	46,625,246
1976	55,711,000	14,436,780	38,200	1992	1,701,713,000	1,345,410,000	27,499,166
1977	92,407,000	37,687,000	175,318	1993	1,716,344,000	1,433,358,922	35,022,000
1978	105,594,000	71,949,000	322,682	1994	1,822,848,000	1,366,192,800	54,163,038
1979	144,557,000	80,716,000	1,653,570	1995	1,947,990,000	1,559,176,000	45,981,000
1980	293,418,000	91,183,000	2,428,170	1996	1,741,005,000	1,637,756,000	49,863,959
				1997	1,789,109,445	1,358,633,717	50,839,898
				Total	23,316,853,141	17,369,388,999	505,820,424

Table does not include nonanadromous species.
NA = not available

Table 9(b). Summary of pink salmon production from Alaska hatcheries and enhancement projects.

Year	Egg Takes	Fry Releases	Total Returns	Year	Egg Takes	Fry Releases	Total Returns
1973	558,000			1985	536,349,000	261,434,000	14,158,000
1974	4,949,000	448,000		1986	511,330,000	468,734,000	9,044,000
1975	15,460,000	1,429,000	17,550	1987	857,901,000	442,647,000	21,960,000
1976	23,441,000	10,200,000	16,200	1988	735,699,000	728,907,000	13,838,000
1977	64,281,000	18,433,000	175,000	1989	974,893,000	674,870,000	31,754,000
1978	60,085,000	49,658,000	321,000	1990	1,013,590,000	808,955,000	41,207,000
1979	90,060,000	54,885,000	1,591,000	1991	1,008,890,000	861,978,000	38,132,000
1980	173,940,000	64,285,000	2,310,000	1992	1,079,763,000	801,770,000	14,879,000
1981	327,599,000	134,652,000	4,371,000	1993	1,028,760,000	919,680,000	20,693,000
1982	343,955,000	217,604,000	6,610,000	1994	1,076,306,000	787,438,000	41,489,000
1983	406,393,000	178,220,000	5,939,000	1995	1,135,730,000	920,517,000	25,415,000
1984	433,384,000	336,738,000	5,298,000	1996	928,795,000	999,098,000	29,298,000
				1997	1,063,777,275	773,269,780	33,956,141

Table 9(c). Summary of chum salmon production from Alaska hatcheries and enhancement projects.

Year	Egg Takes	Fry Releases	Total Returns	Year	Egg Takes	Fry Releases	Total Returns
1974	1,424,000	7,780		1986	345,567,000	181,850,000	1,938,000
1975	4,966,000	967,000		1987	343,065,000	276,477,000	2,005,000
1976	7,163,000	2,370,000		1988	388,463,000	235,231,000	2,650,000
1977	7,036,000	2,590,000	800	1989	281,078,000	318,116,000	1,347,000
1978	9,554,000	3,917,000	2,810	1990	450,327,000	208,000,000	2,039,000
1979	18,466,000	6,095,000	5,730	1991	490,173,000	373,892,000	2,260,000
1980	75,789,000	8,658,000	16,100	1992	519,425,000	434,198,000	3,192,708
1981	81,684,000	47,315,000	33,100	1993	468,890,000	460,120,000	6,563,000
1982	123,386,000	58,924,000	153,000	1994	528,818,000	410,972,922	8,715,000
1983	155,995,000	93,457,000	301,000	1995	592,286,000	473,215,000	9,829,000
1984	256,584,000	105,827,000	1,809,000	1996	651,221,000	535,427,000	16,385,000
1985	242,906,000	198,997,000	1,404,000	1997	581,826,899	478,058,117	12,609,319

Table 9(d). Summary of coho salmon production from Alaska hatcheries and enhancement projects.

Year	Egg Takes	Fry Releases	Total Returns	Year	Egg Takes	Fry Releases	Total Returns
1966	NA	506,000		1982	16,100,000	3,266,000	107,609
1967	NA	930,000		1983	11,553,000	7,917,000	96,278
1968	NA	846,000		1984	17,688,000	8,811,000	179,462
1969	NA	828,000		1985	19,426,000	14,273,000	307,580
1970	NA	614,000		1986	23,715,000	12,665,000	659,587
1971	NA	442,000		1987	25,456,000	13,718,000	453,332
1972	NA	1,657,000		1988	26,951,000	15,579,000	284,461
1973	NA	1,909,000		1989	22,629,000	15,277,000	501,756
1974	NA	1,824,000		1990	21,051,000	16,446,000	885,308
1975	NA	3,470,000	100	1991	21,521,000	16,119,000	1,258,000
1976	NA	3,120,000	22,000	1992	21,364,000	14,625,000	1,280,000
1977	NA	4,922,000		1993	22,670,000	14,620,000	928,000
1978	NA	3,191,000		1994	31,514,000	17,335,000	1,306,000
1979	2,347,000	2,483,000	48,560	1995	28,198,000	17,427,000	1,296,000
1980	3,839,000	2,211,000	21,210	1996	29,509,000	20,960,000	1,262,000
1981	9,782,000	3,350,000	54,960	1997	33,120,000	23,184,449	1,107,662

NA = not available

Table 9(e). Summary of chinook salmon production from Alaska hatcheries and enhancement projects.

Year	Egg Takes	Fry Releases	Total Returns	Year	Egg Takes	Fry Releases	Total Returns
1966	NA	170,000		1982	3,276,000	938,000	11,960
1967	NA	538,000		1983	6,084,000	1,544,000	13,250
1968	NA	82,400		1984	8,567,000	3,277,000	20,830
1969	NA	95,900		1985	13,632,000	4,064,000	26,210
1970	NA	45,700		1986	10,471,000	6,058,000	40,350
1971	NA	217,000		1987	16,417,000	7,730,000	91,900
1972	NA	151,000		1988	17,253,000	9,107,000	74,303
1973	NA	328,000		1989	14,501,000	7,989,000	79,280
1974	155,000	553,000		1990	17,547,000	9,935,000	110,380
1975	530,000	155,000		1991	18,598,000	7,284,000	122,000
1976	1,218,000	233,000		1992	13,037,000	9,819,000	121,538
1977	2,791,000	1,016,000		1993	9,530,000	11,220,000	111,166
1978	978,000	804,000	42	1994	13,174,000	9,731,000	121,000
1979	1,792,000	1,215,000	3,220	1995	14,922,000	6,722,000	159,000
1980	2,508,000	793,000	6,570	1996	11,851,000	6,994,000	160,000
1981	1,644,000	733,000	5,120	1997	12,396,328	7,588,723	142,007

Table 9(f). Summary of sockeye salmon production from Alaska hatcheries and enhancement projects.

Year	Egg Takes	Fry Releases	Total Returns	Year	Egg Takes	Fry Releases	Total Returns
1972	NA	17,000		1985	108,039,000	72,407,000	757,000
1973	1,548,000	192,000		1986	101,251,000	77,086,000	1,146,000
1974	1,567,000	506,000		1987	106,584,000	60,726,000	1,099,000
1975	7,934,000	997,000		1988	107,237,000	67,707,000	1,780,000
1976	23,889,000	2,172,000		1989	107,524,000	75,552,000	2,111,000
1977	18,299,000	13,801,000	318	1990	99,265,000	73,190,000	4,120,000
1978	34,977,000	15,997,000	1,640	1991	112,683,000	68,984,000	6,374,000
1979	31,892,000	17,104,000	9,990	1992	105,043,000	75,125,000	3,899,000
1980	37,342,000	15,236,000	74,290	1993	120,860,000	57,680,000	5,018,000
1981	50,812,000	27,560,000	71,640	1994	114,078,000	75,640,000	4,187,000
1982	58,792,000	45,292,000	57,540	1995	111,136,000	81,390,800	1,390,038
1983	67,880,000	52,513,000	230,000	1996	119,679,000	75,278,000	2,759,000
1984	82,622,000	51,778,000	389,000	1997	97,988,943	76,532,648	3,024,764

NA = not available

Table 10(a). Summary of statewide salmon production (all species) from private nonprofit hatcheries in Alaska, as reported by operators.

Year	Egg Take	Fry Release	Total Return	Special Harvest	Cost Recovery Revenue
1975	8,091,395				
1976	16,622,881	3,719,741			
1977	37,008,186	12,360,354	160,147	108,718	\$ 130,726
1978	37,346,167	26,796,238	160,967	114,188	\$ 141,799
1979	54,295,879	29,131,774	356,501	244,555	\$ 309,612
1980	125,740,500	35,587,200	1,506,466	346,168	\$ 436,171
1981	223,600,000	101,600,000	2,563,913	850,293	\$ 1,274,640
1982	234,390,000	126,990,000	5,340,720	1,370,110	\$ 1,165,608
1983	261,310,000	170,375,000	4,285,989	744,767	\$ 669,838
1984	372,880,000	217,730,000	4,764,144	1,048,701	\$ 1,668,788
1985	469,960,000	302,320,000	8,106,485	1,853,483	\$ 1,878,348
1986	522,200,000	380,890,000	7,903,526	1,211,620	\$ 1,867,054
1987	868,250,000	461,170,000	19,096,871	4,172,700	\$ 6,557,877
1988	1,045,620,000	819,800,000	14,343,654	2,499,557	\$ 9,266,780
1989	1,108,700,000	860,190,000	24,044,699	14,849,608	\$ 28,985,391
1990	1,249,160,000	925,210,000	42,405,072	10,387,754	\$ 13,644,041
1991	1,325,990,000	1,087,070,000	40,264,749	12,377,204	\$ 6,396,187
1992	1,427,710,000	1,075,180,000	18,174,631	7,277,620	\$ 10,424,579
1993	1,613,220,000	1,426,480,000	27,781,066	4,827,710	\$ 7,917,685
1994	1,725,820,000	1,267,520,000	52,022,989	14,812,269	\$ 15,625,954
1995	1,849,333,100	1,472,954,300	36,942,907	9,360,581	\$ 12,276,938
1996	1,734,940,000	1,632,050,000	48,201,545	14,641,144	\$ 18,421,517
1997	1,776,929,141	1,349,423,717	49,923,695	19,377,231	\$ 20,188,446
Cumulative Cost Recovery Revenues from Special Harvests:					\$159,247,980

Table 10(b). Summary of pink salmon production from private nonprofit hatcheries in Alaska.

Year	Egg Take	Fry Release	Total Return	Special Harvest	Cost Recovery Revenue
1975	8,002,395				
1976	16,251,456	3,653,666			
1977	35,383,112	12,093,184	160,147	108,718	\$ 130,726
1978	34,851,807	25,732,238	160,397	114,188	\$ 141,799
1979	46,582,015	28,204,674	356,498	244,555	\$ 309,612
1980	98,030,000	31,690,000	1,504,878	346,168	\$ 436,171
1981	188,000,000	78,800,000	2,491,345	838,037	\$ 1,200,000
1982	185,170,000	102,550,000	5,253,378	1,354,732	\$ 1,084,806
1983	185,520,000	126,890,000	4,086,552	701,399	\$ 613,618
1984	241,760,000	159,340,000	3,637,927	583,185	\$ 741,673
1985	339,910,000	199,490,000	7,404,789	1,698,732	\$ 1,320,320
1986	324,570,000	271,960,000	6,767,984	948,624	\$ 1,012,420
1987	618,350,000	299,260,000	17,963,785	3,624,586	\$ 4,711,068
1988	645,100,000	625,820,000	12,257,959	2,007,720	\$ 6,715,887
1989	805,870,000	553,090,000	22,561,056	14,519,987	\$27,380,703
1990	788,710,000	684,790,000	39,919,911	9,846,364	\$10,846,114
1991	830,860,000	704,330,000	37,081,341	11,574,828	\$ 2,890,652
1992	882,920,000	648,470,000	13,200,079	6,009,343	\$ 3,917,463
1993	1,028,760,000	919,680,000	19,844,303	2,736,262	\$ 1,733,572
1994	1,075,310,000	787,440,000	40,939,000	12,398,000	\$ 8,587,514
1995	1,134,730,000	919,740,000	24,765,273	6,817,549	\$ 5,579,764
1996	928,800,000	999,100,000	28,553,267	9,400,936	\$ 5,986,199
1997	1,063,777,275	773,269,780	33,956,141	14,058,384	\$ 8,009,521

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Table 10(c). Summary of chum salmon production from private nonprofit hatcheries in Alaska.

Year	Egg Take	Fry Release	Total Return	Special Harvest	Cost Recovery Revenue
1975	77,000				
1976	347,275	66,075			
1977	1,614,574	264,068			
1978	1,684,930	1,064,000	543		
1979	6,782,864	924,400	3		
1980	26,850,000	3,340,000	1,588		
1981	32,400,000	21,900,000	20,518	6,115	\$ 24,640
1982	46,130,000	23,590,000	22,133	378	\$ 302
1983	68,790,000	41,770,000	126,783	35,099	\$ 37,120
1984	122,170,000	54,780,000	1,001,449	436,617	\$ 690,393
1985	119,450,000	97,880,000	525,088	123,215	\$ 209,208
1986	181,450,000	100,490,000	779,637	188,754	\$ 303,080
1987	234,500,000	149,790,000	955,294	487,605	\$ 1,162,579
1988	369,610,000	186,050,000	1,835,164	469,754	\$ 2,180,685
1989	267,030,000	286,770,000	1,102,191	183,340	\$ 754,806
1990	425,410,000	216,860,000	1,632,539	369,985	\$ 1,411,640
1991	441,530,000	359,270,000	1,958,538	403,603	\$ 1,269,087
1992	495,360,000	394,260,000	3,078,557	741,276	\$ 2,449,107
1993	457,690,000	451,720,000	6,386,907	1,781,764	\$ 4,864,415
1994	520,120,000	402,220,000	8,783,080	2,049,000	\$ 5,088,624
1995	590,160,000	463,440,000	9,799,995	1,983,924	\$ 4,223,472
1996	651,220,000	533,690,000	16,204,661	4,782,038	\$10,459,811
1997	581,426,899	477,058,117	12,544,319	4,643,343	\$ 9,031,745

Table 10(d). Summary of coho salmon production from private nonprofit hatcheries in Alaska.

Year	Egg Take	Fry Release	Total Return	Special Harvest	Cost Recovery Revenue
1975	12,000				
1976	24,150				
1977	10,500	3,102			
1978	809,430	0	27		
1979	931,000	2,700	0		
1980	666,500	557,200	0		
1981	2,800,000	900,000	52,050	6,141	\$ 50,000
1982	2,870,000	700,000	61,709	11,500	\$ 80,500
1983	6,200,000	1,570,000	71,781	7,396	\$ 19,100
1984	6,300,000	3,230,000	121,112	27,310	\$ 233,466
1985	4,100,000	4,220,000	168,427	29,530	\$ 293,820
1986	8,300,000	4,280,000	344,749	72,960	\$ 535,203
1987	9,280,000	5,440,000	169,149	58,333	\$ 625,547
1988	13,310,000	4,720,000	122,186	13,383	\$ 178,771
1989	13,740,000	9,040,000	305,048	88,702	\$ 271,181
1990	14,470,000	10,730,000	691,680	140,728	\$ 939,671
1991	16,120,000	11,500,000	1,001,338	372,612	\$1,873,709
1992	16,510,000	10,280,000	1,070,086	338,725	\$2,051,466
1993	19,150,000	11,100,000	657,208	128,771	\$ 503,420
1994	24,280,000	12,640,000	1,189,140	221,291	\$1,248,600
1995	21,535,600	13,868,300	966,222	318,730	\$1,393,072
1996	27,700,000	19,570,000	1,041,009	251,005	\$ 717,386
1997	25,929,696	18,044,449	921,053	258,309	\$1,266,768

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Table 10(e). Summary of chinook salmon production from private nonprofit hatcheries in Alaska.

Year	Egg Take	Fry Release	Total Return	Special Harvest	Cost Recovery Revenue
1980	194,000				
1981	400,000				
1982	220,000	150,000	3,500	3,500	NA
1983	800,000	140,000	872	872	NA
1984	2,730,000	380,000	3,656	1,589	\$ 3,256
1985	6,180,000	720,000	8,181	2,006	\$ 55,000
1986	6,580,000	4,050,000	11,156	1,282	\$ 16,351
1987	4,550,000	5,940,000	8,643	2,176	\$ 58,684
1988	7,010,000	2,210,000	23,246	8,700	\$191,436
1989	7,330,000	3,270,000	36,572	17,748	\$324,487
1990	8,790,000	4,700,000	59,726	22,164	\$411,109
1991	10,000,000	3,900,000	69,926	21,138	\$333,572
1992	7,400,000	6,210,000	42,401	17,647	\$353,539
1993	4,900,000	6,920,000	53,843	24,754	\$383,131
1994	6,030,000	5,510,000	57,969	10,698	\$121,161
1995	6,260,000	3,600,000	98,024	28,236	\$360,281
1996	7,900,000	4,410,000	96,928	32,974	\$358,104
1997	7,806,328	4,518,723	85,156	31,802	\$260,844

NA = not available

Table10(f). Summary of sockeye salmon production from private nonprofit hatcheries in Alaska.

Year	Egg Take	Fry Release	Total Return	Special Harvest	Cost Recovery Revenue
1985	310,000				
1986	1,295,700	102,000			
1987	1,570,000	750,000			
1988	10,590,000	1,000,000	66,499		
1989	14,740,000	8,030,000	39,832	39,831	\$ 254,215
1990	11,780,000	8,140,000	101,216	8,513	\$ 35,506
1991	27,480,000	8,070,000	153,606	5,023	\$ 21,167
1992	25,530,000	15,960,000	783,508	170,629	\$1,653,004
1993	102,720,000	37,060,000	838,805	156,159	\$ 433,147
1994	100,080,000	59,710,000	1,053,800	133,280	\$ 580,055
1995	96,647,500	72,306,000	1,313,393	142,354	\$ 720,349
1996	119,320,000	75,280,000	2,305,680	174,191	\$ 900,017
1997	97,988,943	76,532,648	2,417,026	385,393	\$1,619,568

Note: Includes only data from private nonprofit hatcheries; does not include federal, Bureau of Indian Affairs, or state hatchery data.

Table 11. Alaska commercial salmon fishery harvest weights and prices, 1997.

Area/Species	Average Harvest		
	Weight (lb)	Price/lb.	
Cook Inlet	Chinook	16.4	1.10
	Sockeye	6.6	1.10
	Coho	6.5	0.75
	Pink	3.0	0.08
	Chum	6.7	0.20
Kodiak	Chinook	10.0	0.70
	Sockeye	5.3	0.90
	Coho	8.5	0.50
	Pink	3.8	0.12
	Chum	8.5	0.20
Prince William Sound	Chinook	24.0	1.25
	Sockeye	6.4	0.90
	Coho	7.5	0.50
	Pink	3.8	0.12
	Chum	8.5	0.30
Southeast	Chinook	17.0	1.25
	Sockeye	6.5	0.90
	Coho	7.5	0.50
	Pink	3.8	0.12
	Chum	8.5	0.30

Source: Herman Savikko, ADF&G, as of October 17, 1997, based on total commercial fishery.

Table 12. Alaska state hatchery FY 97 operating budgets, in thousands of dollars.

Hatchery	FY 97	FY 97
	Authorized Total	Actual Total
Elmendorf Hatchery	\$ 562.70	\$ 537.50
Ft. Richardson Hatchery	\$1,062.70	\$1,111.80
Clear Hatchery	\$ 477.60	\$ 475.00
Crystal Lake Hatchery	\$ 613.30	\$ 608.30

Table 13(a). Estimated pink salmon returns to Alaska hatcheries in 1997, including common property harvests, as reported by operators.

Region/Operator/Location		Common Property Harvest					Cost Recovery				Total	Cost Recovery Revenue	Comment	
		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Harvest	Escapement				
Southeast														
AAI	Burnett Inlet					NA			585,709			585,709		
	Anita Bay					NA			531			531		
AKI	Port Armstrong	560,000						133,716	1,048,900	63,726		1,806,342	\$ 641,937	
BCF	Burro Creek	200	200	200	100	100	250	1,028				2,078		
DIPAC	Gastineau				2,875		101,801	11,091	93,660			209,427	\$ 63,304	
SJC	Indian River	127,632			130			36,545	47,618	235,000		446,925	\$ 69,519	5
Federal	Auke Creek					NA						0		
Southeast Totals		687,832	200	200	3,105	100	102,051	182,380	1,776,418	298,726		3,051,012	\$ 774,760	
Prince William Sound														
PWSAC	Armin F. Koernig	3,747,662					20,000		3,206,656			6,974,318	\$1,480,975	3
	Wally Noerenberg	3,529,259					31,651	376,828	2,257,226			6,194,964	\$1,098,201	
	Cannery Creek	3,587,289					258,064	320,656	1,872,493			6,038,502	\$ 894,679	
VFDA	Solomon Gulch	4,005,264			100,000		333,215	297,274	2,480,483	39,437		7,255,673	\$2,696,319	3
Prince William Sound Totals		14,869,474	0	0	100,000	0	642,930	994,758	9,816,858	39,437		26,463,457	\$6,170,174	
Cook Inlet														
PGHC	Port Graham	40,625	17,102			5,000	24,711	12,177	86,562			186,177	\$ 49,052	
CIAA	Tutka	82,809	31,726				1,543	176,020	2,378,546	96,096		2,771,740	\$1,015,535	
Cook Inlet Totals		123,434	48,828	0	5,000	5,000	26,254	188,197	2,465,108	96,096		2,957,917	\$1,064,587	
Kodiak														
KRAA	Kitoi Bay	1,211,128						256,318		2,500		1,469,946		
	Waterfall Lake fishpass	13,809										13,809		
Kodiak Totals		1,224,937	0	0	0	0	0	256,318	0	2,500		1,483,755	\$ 0	
Statewide Totals		16,905,677	49,028	200	108,105	5,100	771,235	1,621,653	14,058,384	436,759		33,956,141	\$8,009,521	

NA = not available

See Table 17 for a list of acronyms used in this report.

See page 26 for list of comments.

Table 13(b). Estimated chum salmon returns to Alaska hatcheries in 1997, including common property harvests, as reported by operators.

Region/Operator/Location	Common Property Harvest					Other	Brood	Cost Recovery		Total	Cost Recovery Revenue	Comment	
	Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence			Harvest	Escapement				
Southeast													
SSRAA	Whitman Lake									0		4	
	Nakat Inlet – summer	206,983	154,312							361,295		4	
	Earl West Cove – summer	40,519	70,159							110,678		4	
	Kendrick Bay – summer	385,966	18,438							404,404		4	
	Neets Bay – summer	468,626	78,117	2,109			102,927	1,470,072	34,055	2,155,906	\$3,699,494	4	
	Neets Bay – fall	27,253	12,595	1,522			30,152	602,043	13,745	687,310		4	
	Neets Bay – Nakat – fall	78,531	127,219	232						205,982		4	
NSRAA	Medvejie Creek	1,628,848	361,059	290,113		512	44,828	283,712	720	2,609,792	\$ 561,163	3	
	Hidden Falls	1,377,400					111,000	220,024	1,400	1,709,824	\$ 913,614	3	
	Haines projects		3,707			5,560	713		5,254	15,234			
AAI	Burnett Inlet	8,428	11,124					90,840		110,392		4	
	Anita Bay	30,045	12,273					626		42,944			
BCF	Burro Creek	10	10	10	5	10	42			92			
DIPAC	Sheep Creek		49,172		2,000	15,639	45,246	36,213	25,000	173,270	\$ 49,802	4	
	Gastineau		49,300		1,605	30,315	47,631	44,871		173,722	\$ 43,603	4	
	Amalga		217,594					692,533		910,127	\$ 888,233		
	Limestone Inlet		57,848					45,434		103,282	\$ 62,582	4	
	Boat Harbor		188,026					2,920		190,946	\$ 4,452	4	
KNFC	Gunnuk Creek	8,050	2,530	300	150	14,536	96,229	35,014	24,504	181,313	\$ 56,889	4	
	Southeast Cove	13,560	4,270	500		3,000		284,131		305,461	\$ 461,643	4	
SJC	Indian River	957					511	43	433	1,944	\$ 41		
MIC	Tamgas Creek	3,000	35,000					27,000		65,000			
Southeast Totals		4,278,176	1,452,753	294,786	3,760	5	69,572	479,279	3,835,476	105,111	10,518,918	\$6,741,516	
Prince William Sound													
PWSAC	Wally Noerenberg	215,237	601,104		2,000	15,229	154,764	800,366		1,788,700	\$2,269,772		
VFDA	Solomon Gulch	255,300			1,000	7,750		6,803		270,853	\$ 19,975		
Prince William Sound Totals		470,537	601,104	0	3,000	0	22,979	154,764	807,169	0	2,059,553	\$2,289,747	
Cook Inlet													
CIAA	Eklutna		1,047					698		1,745	\$ 482		
Cook Inlet Totals		0	1,047	0	0	0	0	698	0	1,745	\$ 482		
Kodiak													
KRAA	Kitoi Bay	11,021					18,082			29,103			
Kodiak Totals		11,021	0	0	0	0	18,082	0	0	29,103	\$ 0		
Statewide Totals		4,759,734	2,054,904	294,786	6,760	5	92,551	652,125	4,643,343	105,111	12,609,319	\$9,031,745	

See Table 17 for a list of acronyms used in this report.

See page 26 for a list of comments.

Table 13(c). Estimated coho salmon returns to Alaska hatcheries in 1997, including common property harvests, as reported by operators.

Region/Operator/Location	Common Property Harvest					Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total	Cost Recovery Revenue	Comment
	Seine	Gillnet	Troll	Sport									
Southeast													
SSRAA	Whitman Lake	680	3,161	11,658	1,070		1,294	2,011	2,733		22,607	\$ 19,957	4
	Earl West Cove	149	5,534	4,965	140						10,788		4
	Nakat Inlet	1,210	4,265	6,031	21						11,527		4
	Neets Bay	2,393	14,209	75,351	5,140				61,261		158,354	\$ 415,673	4
NSRAA	Medvejie Creek	31		83			11	17			142		4
	Deer Lake	11,344		44,761	1,176		757		43,560		101,598	\$ 253,184	4
	Shamrock Bay			1,803	322		25				2,150		4
	Hidden Falls	15,125	57	27,824	5,528		5,426	7,805	41,903		103,668	\$ 207,134	4
AKI	Port Armstrong			36,122			1,500	973	38,800	496	77,891	\$ 197,401	4
BCF	Burro Creek	10	10	10	5	5	10	91			141		
DIPAC	Gastineau	871	508	7,850	7,219		5,464	1,120	28,469		51,501	\$ 111,929	4
	Sheep Creek	5	14	191	5						215		
KTHC	Deer Mountain	927	1,010	341	278		695	1,410		300	4,961		4
	Ward Lake	597	930	687	662			200		1,700	4,776		4
SJC	Indian River			42	4			14		195	255		4
POWHA	Klawock Hatchery	6,685	669	37,436	34,081		15,823	2,215	2,178	6,000	105,087	\$ 13,876	4
MIC	Tamgas Creek	3,356	23,264	21,693	1,557				26,500		76,370		4
ADF&G	Old Frank's Lake	204	368	1,195						3,170	4,937		4
	Crystal Lake Hatchery	124	307	1,967	500		100	1,192		900	5,090		4
Southeast Totals		43,711	54,306	280,010	57,708	5	31,105	17,048	245,404	12,761	742,058	\$1,219,154	
Prince William Sound													
PWSAC	Wally Noerenberg		5,626		8,315		4,335	1,339			19,615		
VFDA	Solomon Gulch	47,500			25,000		10,795	2,774	9,818	36	95,923	\$ 46,611	5
Prince William Sound Totals		47,500	5,626	0	33,315	0	15,130	4,113	9,818	36	115,538	\$ 46,611	
Cook Inlet													
CIAA	Eklutna		656				40		397		1,093	\$ 166	
	Trail Lakes				4,066		19	594	2,690	2,796	10,165	\$ 838	
ADF&G	Elmendorf				42,538		3,407	231			46,176		
	Landlocked lakes				7,800						7,800		1
	Ft. Richardson/Little Susitna		24,139		13,462		2,726				40,327		1, 4
Cook Inlet Totals		0	24,795	0	67,866	0	6,192	825	3,087	2,796	105,561	\$ 1,003	
Kodiak													
KRAA	Kitoi Bay	108,940			1,000	400		6,618			118,308		
	Settler's Bay/Crescent Lake				900	9,000					9,900		
	Katmai Lake				500	1,000					1,500		
	Pillar Creek				600					8,288	8,888		
Kodiak Totals		108,940	0	0	3,000	10,400	0	6,618	0	9,638	138,596	\$ 0	
Arctic-Yukon-Kuskokwim													
ADF&G	Clear/Interior lakes				5,909						5,909		
Arctic-Yukon-Kuskokwim Totals													
Statewide Totals		200,151	84,727	280,010	167,798	10,405	52,427	28,604	258,309	25,231	1,107,662	\$1,266,768	

See Table 17 for a list of acronyms used in this report.

See page 26 for list of comments.

Table 13(d). Estimated chinook salmon returns to Alaska hatcheries in 1997, including common property harvests, as reported by operators.

Region/Operator/Location	Common Property Harvest						Brood	Cost Recovery Harvest	Escapement	Total	Cost Recovery Revenue	Comment
	Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other						
Southeast												
SSRAA Whitman Lake		62	373	286		64	1,151			1,936		4
Carroll Inlet		283	1,271	755						2,309		4
COOP Earl West Cove	148	1,850	452	259						2,709		4
Neets Bay			122	98				545		765		4
AKI Port Armstrong			1,058					220	220	1,498		4
NSRAA Medvejie Creek	125	47	9,327	2,627		1,969	1,653	21,218		36,966	\$199,971	4
Hidden Falls	4,236	227	10,832	142		153	4,002	6,048	650	26,290	\$ 57,991	4
BCF Burro Creek	5	5	5	5	5		21			46		4
DIPAC Gastineau		340	319	2,302		534	416	714		4,625	\$ 1,787	4
KTHC Deer Mountain		63	30	34		285	52		150	614		4
SJC Indian River			332	10		122	22	2	150	638	\$ 17	4
MIC Tamgas Creek		518	150	58				3,000		3,726		4
Federal Little Port Walter	215	116	2,098	227		5	452		1,142	4,255		4
ADF&G Crystal Lake		379	1,792	2,614		954	2,839		145	8,723		4
Southeast Totals	4,729	3,890	28,161	9,417	5	4,086	10,608	31,747	2,457	95,100	\$259,766	
Prince William Sound												
PWSAC Wally Noerenberg		869		1,411		170		55		2,505	\$ 1,078	4
Prince William Sound Totals	0	869	0	1,411	0	170	0	55	0	2,505	\$ 1,078	
Cook Inlet												
CIAA Crooked Creek				Closed in 97 — Not Evaluated						0		
ADF&G Elmendorf				3,298		503	140			3,941		4
Ninilchik River	33	351		2,209						2,593		
Homer Spit	67	702		8,634		39	388			9,830		1
Ft. Richardson										0		
Willow Creek				2,200			122			2,322		1, 2
Ninilchik River				1,852			122			1,974		1, 2
Statewide LL Lakes				23,747						23,747		1
Cook Inlet Totals	100	1,053	0	41,940	0	542	772	0	0	44,407	\$ 0	
Statewide Totals	4,829	5,812	28,161	52,768	5	4,798	11,380	31,802	2,457	142,012	\$260,844	

See Table 17 for a list of acronyms used in this report.

See page 26 for list of comments.

Table 13(e). Estimated sockeye salmon returns to Alaska hatcheries in 1997, including common property harvests, as reported by operators.

Region/Operator/Location		Common Property Harvest						Brood	Cost Recovery Harvest	Escapement	Total	Cost Recovery Revenue	Comment
		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other						
Southeast													
SSRAA	Beaver Falls – Shrimp Bay	18,598	5,742										
	Hugh Smith Lake	6,649	7,754	83			1,948		7,213			\$ 61,979	
	Virginia Lake		127	1,209						12,180			
	Salmon Lake	1,835	2,882	231	200	1,000				6,500			
SSRAA/ADF&G	McDonald Lake	144,176	31,693		200	5,000				20,000			
POWHA	Klawock Hatchery	3,246	50	50		3,500	85	990		73,313			
NSRAA	Haines projects – Chilkat		2,317				280	71		780			
DIPAC	Snettisham – Gilbert Bay		4,629			3,000			13,534	421			
	Snettisham		6,285				6,750	4,116	36,353			not determined	
	Stikine		50,487									not determined	
	Taku		13,429										
Southeast Totals		174,504	125,395	1,573	400	12,500	9,063	5,177	57,100	113,194	498,906	\$ 61,979	
Prince William Sound													
PWSAC	Main Bay		845,871				4,979	10,023	236,031	1,500		\$1,387,245	
	Gulkana I and II		88,900		730	7,693	26,610	18,919		12,060			
	Crosswind Lake		170,800		1,375	13,625	30,782		30,094			\$ 30,094	
	Summit Lake		7,000		275	2,725				4,374			
Prince William Sound Totals		0	1,112,571	0	2,380	24,043	62,371	28,942	266,125	17,934	1,514,366	\$1,387,245	
Cook Inlet													
PGHC	Port Graham		24,952			2,142		1,289	7,817	13,941		\$ 39,422	
CIAA	Eklutna		34,763						23,175			\$ 41,729	
	Trail Lakes – Bear Creek	8,933					43	356	10,056	7,589		\$ 39,373	
	Packer's Creek		14,150				31,474		8,575	2,407		\$ 33,204	
	Salmon Creek								12,545			\$ 16,616	
	Coal Creek						1,148						
Cook Inlet Totals		8,933	73,865	0	0	2,142	32,665	1,645	62,168	23,937	205,355	\$ 170,344	
Kodiak													
KRAA	Kitoi Bay	49,118			400	400							
	Pillar Creek												
	Little Kitoi Lake	1,262			100	100							
	Crescent Lake	3,178	3,178			6,000							
	Afognak	10,000			300	3,000		2,569		129,481			
	Foul Bay	17,884											
	Spiridon Lake	65,000	65,000										
	Malina Lake	NA											
	Laura Lake	12,080			1,600	35		743		8,712			
	Waterfall Bay	32,905				0				39,736			
	Frazer Lake fishpass	74,046	74,046							205,264			
Kodiak Totals		265,473	142,224	0	2,400	9,535	0	3,312	0	383,193	806,137	\$ 0	
Statewide Totals		448,910	1,454,055	1,573	5,180	48,220	104,099	39,076	385,393	538,258	3,024,764	\$1,619,568	

NA = not available

See Table 17 for a list of acronyms used in this report.

Table 13(f). Estimated "other" enhanced fish returns to Alaska hatcheries in 1997.

Region/Operator/Location	Species	Commercial	Sport Catch	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total	Comment
Southeast										
KTHC Deer Mountain	steelhead					14		46	60	1
Cook Inlet Totals		0	0	0	0	14	0	46	60	
Cook Inlet										
ADF&G Ft. Richardson/Statewide lakes	rainbow trout		103,826			3,315			107,141	1
Cook Inlet Totals		0	103,826	0	0	3,315	0	0	107,141	
Arctic-Yukon-Kuskokwim										
ADF&G Clear	grayling arctic char lake trout		3,067 3,204 250						3,067 3,204 250	1 1 1
Arctic-Yukon-Kuskokwim Totals		0	6,521	0	0	0	0	0	6,521	
Statewide Totals		0	110,347	0	0	3,315	0	0	113,662	

See Table 17 for a list of acronyms used in this report.

Comments:

1. Based on 1996 Sport Fish Statewide Harvest Surveys.
2. Catches for commercial gear groups not broken apart.
3. Commercial numbers based on fish ticket returns.
4. Commercial numbers based on coded wire tag data.
5. Commercial data based on estimated survivals.

Table 14. Summary of fishery resource-permitted salmon production in Alaska for 1997.

Region/Permittee	Project Type	Species	Maximum Number to be Released
Southeast			
Angoon Schools	Classroom incubation	coho	100
Hoonah City Schools	Classroom incubation	coho	500
Hydaburg School	Classroom incubation	coho	500
Juneau-Douglas High School	Instream incubation	coho	3,000
Klawock Schools	Classroom incubation	coho	250
Petersburg High School	School incubation project	pink	50,000
Skagway City Schools	School incubation project	pink, coho, and chinook	32,000
White Cliff Elementary (Ketchikan)	Classroom incubation	coho	250
Wrangell School District	School incubation project	pink	50,000
Alaska, University of (Juneau)	Research	coho	450,000
Alaska, University of (Juneau)	Research	pink	64,000
Douglas Island Pink & Chum, Inc. (Juneau)	Research	sockeye	10,000
USDA, Forest Service (Sitka)	Bioenhancement	coho	100,000
USDA, Forest Service (Sitka)	Bioenhancement	coho	25,000
Southcentral			
Abbott Loop Elementary (Anchorage)	Classroom incubation	coho	250
Alpenglow Elementary (Anchorage)	Classroom incubation	coho	250
Anchorage Montessori School	Classroom incubation	coho	250
Bear Valley Elementary (Anchorage)	Classroom incubation	coho	250
Bowman School (Anchorage)	Classroom incubation	coho	250
Butte Elementary (Palmer)	Classroom incubation	coho	250
Central School of Science (Anchorage)	Classroom incubation	coho	500
Chenega Bay Community School (Chenega)	Classroom incubation	coho	500
Chester Valley School (Anchorage)	Classroom incubation	coho	250
Chinook Elementary School (Anchorage)	Classroom incubation	coho	250
Chugach Optional School (Anchorage)	Classroom incubation	coho	250
Chugiak Elementary (Chugiak)	Classroom incubation	coho	250
Chugiak High School (Eagle River)	Classroom incubation	coho	250
College Gate Elementary (Anchorage)	Classroom incubation	coho	250
Colony Middle School (Palmer)	Classroom incubation	coho	750
Denali Elementary (Anchorage)	Classroom incubation	coho	250
Dimond High School (Anchorage)	Classroom incubation	coho	200
Eagle River Elementary	Classroom incubation	coho	250
East High School (Anchorage)	Classroom incubation	coho	250
English, Susan B. School (Seldovia)	Classroom incubation	coho	250
Fairview Elementary (Anchorage)	Classroom incubation	coho	250
Finger Lake Elementary (Palmer)	Classroom incubation	coho	250
Goldenview Middle School (Anchorage)	Classroom incubation	coho	250
Goose Bay Elementary (Palmer)	Classroom incubation	coho	250
Government Hill Elementary (Anchorage)	Classroom incubation	coho	250
Gruening Middle School (Eagle River)	Classroom incubation	coho	250
Homer High School	Classroom incubation	coho	500
Homestead Elementary (Eagle River)	Classroom incubation	coho	250
Huffman Elementary (Anchorage)	Classroom incubation	coho	250
Inlet View Elementary (Anchorage)	Classroom incubation	coho	500
Kasuun Elementary (Anchorage)	Classroom incubation	coho	250
Kennedy Elementary (Ft. Richardson AFB)	Classroom incubation	coho	250
Lake Otis Elementary (Anchorage)	Classroom incubation	coho	250
Mirror Lake Middle School (Chugiak)	Classroom incubation	coho	250
Mountain View Elementary (Anchorage)	Classroom incubation	coho	250
Nikiski Elementary	Classroom incubation	coho	250
Nunaka Valley (Anchorage)	Classroom incubation	coho	250
Ocean View Elementary (Anchorage)	Classroom incubation	coho	250
O'Malley Elementary (Anchorage)	Classroom incubation	coho	250
Orion Elementary (Elmendorf AFB)	Classroom incubation	coho	250
Pacific Northern Academy (Anchorage)	Classroom incubation	coho	250
Palmer Middle School	Classroom incubation	coho	500
Polaris K-12 (Anchorage)	Classroom incubation	coho	250
Rabbit Creek Elementary (Anchorage)	Classroom incubation	coho	250
Rogers Park Elementary (Anchorage)	Classroom incubation	coho	250
St. Elizabeth Ann Seton School (Anchorage)	Classroom incubation	coho	250
Scenic Park Elementary (Anchorage)	Classroom incubation	coho	250
Sherrod Elementary (Palmer)	Classroom incubation	coho	250
Snowshoe Elementary (Palmer)	Classroom incubation	coho	250

— continued —

Table 14. Page 2 of 2.

Region/Permittee	Project Type	Species	Maximum Number to be Released
Southcentral (continued)			
Susitna Elementary (Anchorage)	Classroom incubation	coho	250
Susitna Valley Jr/Sr. High School (Talkeetna)	Classroom incubation	coho	250
Tanana Elementary (Wasilla)	Classroom incubation	coho	250
Taku Elementary (Anchorage)	Classroom incubation	coho	250
Tudor School (Anchorage)	Classroom incubation	coho	250
Turnagain Elementary (Anchorage)	Classroom incubation	coho	250
Tustumena Elementary	Classroom incubation	coho	250
Tyson, William Elementary (Anchorage)	Classroom incubation	coho	250
Ursa Major Elementary (Ft. Richardson)	Classroom incubation	coho	250
Wasilla High School (Wasilla)	Classroom incubation	coho	250
Wasilla Middle School (Wasilla)	Classroom incubation	coho	500
Wood, Gladys Elementary	Classroom incubation	coho	250
Prince William Sound			
Kenny Lake School	Classroom incubation	coho	250
Interior			
Anderson School (Anderson)	Classroom incubation	coho	250
Delta/Greely School	Classroom incubation	coho	1,500
Nenana City Public School	Classroom incubation	coho	250
Tri Valley School (Healy)	Classroom incubation	coho	250
Western			
Dillingham High School	Classroom incubation	coho	250
East Elementary (Kodiak)	Classroom incubation	coho	500
Main Elementary (Kodiak)	Classroom incubation	coho	150
Perryville School (Perryville)	Classroom incubation	coho	
Peterson Elementary (Kodiak)	Classroom incubation	coho	950
Quinhagak School	Classroom incubation	coho	500
St. Mary's School (Kodiak)	Classroom incubation	coho	100
Togiak School (Togiak)	Classroom incubation	coho	500
Arctic-Yukon-Kuskokwim			
Demoski, A.K. School (Nulato)	Classroom incubation	coho	250
Egnaty, Jack Sr. School (Sleetmute)	Classroom incubation	coho	250
Holy Cross School	Classroom incubation	coho	250
Kaltag City Schools	Classroom incubation	coho	250
Kangas, M. A. School (Ruby)	Classroom incubation	coho	250
Kotzebue Middle/High School	Classroom incubation	chum	250
Levi, Zackar Elementary (Kalskag)	Classroom incubation	coho	500
McGrath School	Classroom incubation	coho	500
Mountain Village High School	Classroom incubation	coho	250
Nome-Beltz School	School incubation project	coho	10,000
Quinhagak School	Classroom incubation	coho	500
UAF Cooperative Extension Service (Kaltag)	Instream incubation	chum	20,000
Verneti, Ella B. School (Koyukuk)	Classroom incubation	coho	500
Willis, George Sr. School (Red Devil)	Classroom incubation	coho	250
Yukon Flats S.D. (Ft. Yukon)	Classroom incubation	chum	200
Alaska Peninsula			
Unalaska City School District	School incubation project	pink and coho	50,000

Table 15. Hatchery cost recovery roe harvest, in pounds of roe harvested, and value in 1997.

Operator	Species	Pounds of Roe Harvested	Net Roe Revenue
Burnett Inlet	chum	NA	
DIPAC	chum	54,798	\$ 58,199
NSRAA	chum	34,041	\$ 80,407
SSRAA	chum	1,238,071	\$2,036,800 *
PWSAC	chum	12,888	\$ 24,013
VFDA	chum	5,914	\$ 15,672
Total Chum Roe Harvested		1,345,712	\$ 178,291
DIPAC	pink	53,160	\$ 63,304
SJC	pink	21,399	\$ 64,197
PWSAC	pink	30,725	\$ 60,569
VFDA	pink	45,170	\$ 99,826
Total Pink Roe Harvested		150,454	\$ 287,896
SSRAA	coho	46,227	
NSRAA	coho	6,521	\$ 15,149
DIPAC	coho	14,675	\$ 23,133
VFDA	coho	15,299	\$ 45,438
Total Coho Roe Harvested		82,722	\$ 83,720
SSRAA	chinook	112	
NSRAA	chinook	4,253	\$ 7,816
DIPAC	chinook	1,501	\$ 1,787
Total Chinook Roe Harvested		5,866	\$ 9,603
SSRAA	sockeye	4,074	
Total Roe Harvested, All Species		1,588,828	\$3,283,775

NA = not available

See Table 17 for a list of acronyms used in this report.

* Revenue figure calculated by the Alaska Department of Fish and Game (49% of total net revenue).

Table 16(a). Estimated pink salmon returns to Alaska hatcheries in 1996, including common property harvests, as reported by operators.

Region/Operator/Location		Common Property Harvest						Cost Recovery			Total	Cost Recovery Revenue
		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Harvest	Escapement		
Southeast												
AAI	Burnett Inlet	435,000	142,500				35,000	66,041	101,359		779,900	
AKI	Port Armstrong	533,191					279,821	184,799	601,761		1,599,572	\$ 150,290
BCF	Burro Creek	200	200	200	100	100	198	668			1,666	\$ 5,020
DIPAC	Gastineau				1,038		11,443	5,879	4,804		23,164	\$ 9,811
SJC	Indian River	171,000			175		22,492	9,205	19,512	168,000	390,384	\$ 31,941
Federal	Auke Creek							160		2,840	3,000	
ADF&G	Ketchikan Creek	137,180	36,100	7,220						180,500	361,000	
	Dog Salmon Creek									55,500	55,500	
	Margaret Lake									23,892	23,892	
	Sunny Creek	150,500								150,500	301,000	
Southeast Totals		1,427,071	178,800	7,420	1,313	100	348,954	266,752	727,436	581,232	3,539,078	\$ 197,062
Prince William Sound												
PWSAC	Armin F. Koernig	1,763,000							4,196,070		5,959,070	
	Wally Noerenberg	2,659,000					178,080	188,531	4,180,205		7,205,816	\$1,306,084
	Cannery Creek	5,252,000					161,263	176,680	1,842,409		7,432,352	\$ 647,115
VFDA	Solomon Gulch	4,827,400			100,000		121,627	183,308	2,211,715	31,895	7,475,945	\$2,202,224
Prince William Sound Totals		14,501,400	0	0	100,000	0	460,970	548,519	12,430,399	31,895	28,073,183	\$4,155,423
Cook Inlet												
PGHC	Port Graham		2,500		1,000	1,000		2,131		7,000	13,631	
CIAA	Tutka	10,260	6,750		3,000			138,021	423,306	3,456	584,793	\$ 90,286
Cook Inlet Totals		10,260	9,250	0	4,000	1,000	0	140,152	423,306	10,456	598,424	\$ 90,286
Kodiak												
KRAA	Kitoi Bay	974,400					172,545	120,009		225	1,267,179	\$1,368,051
Kodiak Totals		974,400	0	0	0	0	172,545	120,009	0	225	1,267,179	\$1,368,051
Statewide Totals		16,913,131	188,050	7,420	105,313	1,100	982,469	1,075,432	13,581,141	623,808	33,477,864	\$5,810,822

See Table 17 for a list of acronyms used in this report.

1996 Update

Table 16(b). Estimated chum salmon returns to Alaska hatcheries in 1996, including common property harvests, as reported by operators.

Region/Operator/Location		Common Property Harvest					Cost Recovery				Total	Cost Recovery Revenue
		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Harvest	Escapement		
Southeast												
SSRAA	Whitman Lake/Nakat – fall	282,402	110,053								392,455	\$ 2,123,291
	Nakat Inlet – summer	311,518	181,480								571,062	
	Earl West Cove – summer	8,633	61,816	1			12,273				78,064	
	Kendrick Bay – summer	304,262	18,038								29,428	
	Neets Bay – summer	276,593	59,934	498				123,307	1,099,992	151,000	1,711,324	
NSRAA	Neets Bay – fall	72,973	24,989	1,356				18,127	498,514	47,300	663,259	
	Medvejie Creek	1,834,025	188,586	321,331	6,164		75,646	23,711	366,836	3,200	2,819,499	\$ 1,075,132
	Hidden Falls	3,370,728					227,619	72,636	371,942	12,417	4,055,342	\$ 1,239,317
AAI	Haines projects		2,196					189		3,471	5,856	
	Burnett Inlet	7,800	86,208				30,000	24,718	17,666		166,392	\$ 16,700
BCF	Anita Bay		156,500					15,000	730		172,230	\$ 126,000
	Burro Creek	20	20	20	10	10	32	120			232	
DIPAC	Sheep Creek				2,000		230,625	35,965	189,493	35,000	493,083	\$ 437,465
	Gastineau		211,000		2,273		90,830	53,295	92,676		450,074	\$ 405,738
	Amalga		249,749	7,985			427,683		540,765		1,226,182	\$ 1,371,544
	Limestone Inlet		118,600				73,648		73,649		265,897	\$ 291,187
	Boat Harbor						50,789		61,662		112,451	\$ 213,688
KNFC	Gunnuk Creek	4,820	1,520	350		450	20,000	51,845	9,132	22,200	110,317	\$ 12,877
	Southeast Cove	6,920	2,180	500			25,000		123,048		157,648	\$ 110,961
SJC	Indian River							15		58	73	
MIC	Tangas Creek	90,000							90,000		180,000	
ADF&G	Marx Creek Spawning Channel	62	221							152	435	
	Margaret Lake									22	22	
Southeast Totals		6,570,756	1,473,090	332,041	10,447	460	1,264,145	418,928	3,652,767	274,820	13,997,454	\$ 7,423,900
Prince William Sound												
PWSAC	Wally Noerenberg		646,200				68,051	94,386	1,061,366		1,875,834	\$ 2,717,353
	Solomon Gulch	340,370			1,000		45,054		55,446		441,870	
Prince William Sound Totals		340,370	646,200	0	1,000	0	113,105	94,386	1,116,812	0	2,317,704	\$ 2,717,353
Cook Inlet												
CIAA	Eklutna		16,083		1,657				6,628		24,368	\$ 8,049
Cook Inlet Totals		0	16,083	0	1,657	0	0	0	6,628	0	24,368	\$ 8,049
Kodiak												
KRAA	Kitoi Bay	14,200					9,120	22,022		250	45,592	
Kodiak Totals		14,200	0	0	0	0	9,120	22,022	0	250	45,592	\$ 0
Statewide Totals		6,925,326	2,135,373	332,041	13,104	460	1,386,370	535,336	4,776,207	275,070	16,385,118	\$10,149,302

 indicates updated data

See Table 17 for a list of acronyms used in this report.

Table 16(c). Estimated coho salmon returns to Alaska hatcheries in 1996, including common property harvests, as reported by operators.

Region/Operator/Location		Common Property Harvest					Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total	Cost Recovery Revenue
		Seine	Gillnet	Troll	Sport								
Southeast													
SSRAA	Whitman Lake	2,956	1,963	7,486	1,232			2,517				16,154	
	Earl West Cove	176	6,349	7,067								13,592	
	Nakat Inlet	4,383	5,463	10,405	280							20,531	
	Nets Bay	6,294	26,922	95,693	9,658			657	42,932			182,156	
NSRAA	Medvejie Creek	19		315	13			76	17			440	
	Deer Lake	55,000		67,286	1,940		624		43,915			168,765	\$229,306
	Deep Inlet	517	52	2,052	451		35	64				3,171	
	Shamrock Bay	26		8,153	395		59		445			9,078	
	Hidden Falls	14,573	158	98,661	3,797		6,920	2,606	65,698			192,413	\$304,012
AKI	Port Armstrong	2,109		20,180			5,000	3,000	2,154			32,443	\$ 6,729
DIPAC	Gastineau	871	9,588	23,431	5,776		12,768	1,267	16,131			69,832	\$ 39,971
	Sheep Creek											0	
KTHC	Deer Mountain	942	1,921	712	626		417	1,780		1,111		7,509	
	Ward Lake	969	2,206	1,046	1,875		245	300		4,200		10,841	
SJC	Indian River			666	230	18		76				1,246	
POWHA	Klawock Hatchery	2,048		6,243	1,153		9,007	2,215	2,974	6,000		29,640	\$ 14,231
MIC	Tangas Creek	16,000	40,000	66,000				3,000	25,000			150,000	
ADF&G	Lower Salmon River	17	5	73						465		560	
	Old Frank's Lake	540	699	667						5,132		7,038	
	Margaret Lake									407		407	
	Crystal Lake Hatchery	216	765	1,222	49		1,092	160		300		3,804	
Southeast Totals		107,656	96,091	417,358	27,475	18	36,167	17,718	199,266	17,871		919,620	\$594,249
Prince William Sound													
PWSAC	Wally Noerenberg		30,900		13,074		3,759	322	39,506			87,561	\$132,046
VFDA	Solomon Gulch	87,360			25,000		21,130	639	13,713	3		147,845	\$ 2,533
Prince William Sound Totals		87,360	30,900	0	38,074	0	24,889	961	53,219	3		235,406	\$134,579
Cook Inlet													
CIAA	Eklutna		492		51			72	131			746	\$ 339
	Trail Lakes				1,500		10,230	608	723	380		13,441	
ADF&G	Elmendorf				42,538		3,407	231				46,176	
	Landlocked lakes Ft. Richardson/Little Susitna		24,139		13,462	2,726			361			800	
Cook Inlet Totals		0	24,631	0	58,351	2,726	13,637	1,272	854	380		101,851	\$ 339
Kodiak													
KRAA	Kitoi Bay	56,850			800	400	5,817	1,483		375		65,725	
	Pillar Creek							61		8,288		8,349	
Kodiak Totals		56,850	0	0	800	400	5,817	1,544	0	8,663		74,074	\$ 0
Arctic-Yukon-Kuskokwim													
ADF&G	Clear/Interior lakes				5,909			69				5,978	
Arctic-Yukon-Kuskokwim Totals					5,909			69				5,978	
Statewide Totals		251,866	151,622	417,358	130,609	3,144	80,510	21,564	253,339	26,917		1,336,929	\$729,167

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 indicates updated data

See Table 17 for a list of acronyms used in this report.

Table 16(d). Estimated chinook salmon returns to Alaska hatcheries in 1996, including common property harvests, as reported by operators.

Region/Operator/Location		Common Property Harvest				Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total	Cost Recovery Revenue	
		Seine	Gillnet	Troll	Sport								
Southeast													
SSRAA	Whitman Lake		25	224	270						1,309		
	Carroll Inlet		94	691	895			790			2,136		
								456					
COOP	Earl West Cove	831	3,047	227	250			1,795			6,150		
	Neets Bay		65	354	226					137	782		
AKI	Port Armstrong (inc. Snet rel)	262	61	1,400	123					480	2,526	\$ 3,435	
NSRAA	Medveja Creek	923	26	7,272	1,696		2,011	152		26,078	38,158	\$325,265	
	Hidden Falls	15,572	414	16,757	92		1,909	1,436		3,668	40,848	\$ 25,769	
BCF	Burro Creek	5	5	5	10		10	20			55		
DIPAC	Gastineau		779	426	1,759		1,788	269		817	5,838	\$ 7,039	
	Auke/Fish Creek		445	147	703						1,295		
KTHC	Deer Mountain Hatchery		44	43	89	110	2,670	70		260	3,286		
SJC	Indian River	209		887	137		83	76			1,392		
MIC	Tamgas Creek	81	40	109	40					1,050	1,320		
Federal	Little Port Walter	436	122	1,733	225		138	1,400			4,054		
ADF&G	Crystal Lake Hatchery		226	3,788	2,839		3,700	774		65	11,392		
Southeast Totals		18,319	5,393	34,063	9,354	110	14,104	5,443		32,230	120,541	\$361,508	
Prince William Sound													
PWSAC	Wally Noerenberg		576		1,115		253	154		4	10	2,112	\$ 31
Prince William Sound Totals		0	576	0	1,115	0	253	154		4	10	2,112	\$ 31
Cook Inlet													
CIAA	Crooked Creek						468			1,042	764	2,274	
ADF&G	Elmendorf				3,298	503						3,972	
	Kasilof				2,098			171				89	2,187
	Homer Spit	67	702		6,536	39		260				7,604	
	Ft. Richardson												
	Willow Creek		500		2,200			153				2,853	
	Ninilchik River				1,852			201				2,053	
	Statewide landlocked lakes				23,747							23,747	
Cook Inlet Totals		67	1,202	0	39,731	542	468	874		1,042	764	44,690	\$ 0
Statewide Totals		18,386	7,171	34,063	50,200	652	14,825	6,471		33,276	2,299	167,343	\$361,539

 indicates updated data

See Table 17 for a list of acronyms used in this report.

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Table 16(e). Estimated sockeye salmon returns to Alaska hatcheries in 1996, including common property harvests, as reported by operators.

Region/Operator/Location		Common Property Harvest						Cost Recovery			Total	Cost Recovery Revenue
		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Harvest	Escapement		
Southeast												
SSRAA	Beaver Falls – Shrimp Bay	13,860	2,071						844		16,775	
	Hugh Smith Lake	3,458	4,875							7,123	15,456	
	Virginia Lake	1,788	4,901			424				9,941	17,054	
ADF&G	McDonald Lake	320,473	51,493		200	5,000				61,719	438,885	
	Dog Salmon River									349	349	
POWHA	Klawock Hatchery	1,100			100	3,000	1,138	1,890			7,228	
NSRAA	Haines Project – Chilkat		4,346				83	314		2,772	7,515	
DIPAC	Snettisham – Sweetheart		337			3,367					3,704	
	Crescent		930								930	
	Snettisham		19,735				17,467	4,062	10,153		51,417	\$ 16,607
	Stikine		59,979					1,021		18,916	79,916	
	Taku		5,796							14,864	20,660	
Southeast Totals		340,679	154,463	0	300	11,791	18,688	7,287	10,997	115,684	659,889	\$ 16,607
Prince William Sound												
PWSAC	Main Bay	10,800	395,300				2,672	5,697	86,922		501,391	
	Gulkana Land II		314,900			23,065	27,759	16,908		107,160	489,792	
Prince William Sound Totals		10,800	710,200	0	0	23,065	30,431	22,605	86,922	107,160	991,183	\$ 0
Cook Inlet												
PGHC	Port Graham		13,394			3,000		1,498	5,734	10,882	34,508	\$ 30,825
CIAA	Eklutna		2,723		280		591		530		4,124	\$ 1,790
	Trail Lakes – Bear Creek	35,994			1,500			1,813	7,954	6,198	53,459	\$ 32,808
	Packer's Creek		64,604				411	2,144	33,352	16,951	117,462	\$133,601
	Crooked Creek		3,093				75		956		4,124	
	China Poot/Hazel	210,945			1,000	9,000	441		14,235		235,621	\$ 61,349
	Kirschner Lake	18,093							13,511		31,604	\$ 39,723
Cook Inlet Totals		265,032	83,814	0	2,780	12,000	1,518	5,455	76,272	34,031	480,902	\$300,097
Kodiak												
KRAA	Kitoi Bay	16,379					372	1,106		1,390	19,247	
	Pillar Creek										0	
	Afognak	108,000	12,000		500	5,000		1,351		100,367	227,218	
	Foul Bay	28,000									28,000	
	Spiridon Lake	214,000	78,000								292,000	
	Settler's Cove	9,000	4,000			7,000					20,000	
	Waterfall Lake	41,000									41,000	
Kodiak Totals		416,379	94,000	0	500	12,000	372	2,457	0	101,757	627,465	\$ 0
Statewide Totals		1,032,890	1,042,477	0	3,580	58,856	51,009	37,804	174,191	358,632	2,759,439	\$316,704

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See Table 17 for a list of acronyms used in this report.

Table 16(f). Estimated “other” enhanced fish returns to Alaska hatcheries in 1996.

Region/Operator/Location	Species	Commercial	Sport Catch	Subsistence	Personal Use/ Other	Brood	Cost Recovery Harvest	Escapement	Total
Cook Inlet									
ADF&G Ft. Richardson/Statewide lakes	rainbow trout		103,826						103,826
Cook Inlet Totals		0	103,826	0	0	0	0	0	103,826
Arctic-Yukon-Kuskokwim									
ADF&G Clear	grayling		3,067						3,067
	arctic char		3,204						3,204
	lake trout		546						546
Arctic-Yukon-Kuskokwim Totals		0	6,817	0	0	0	0	0	6,817
Statewide Totals		0	110,643	0	0	0	0	0	110,643

 indicates updated data

See Table 17 for a list of acronyms used in this report.

Table 17. List of acronyms and abbreviations.

Acronym	
AAC	American Aquaculture Corporation
AAI	Alaska Aquaculture, Inc.
ADF&G	Alaska Department of Fish and Game
AKI	Armstrong-Keta, Inc.
AYK	Arctic-Yukon-Kuskokwim
BCF	Burro Creek Farms, Inc.
BIA	Bureau of Indian Affairs
CFMD	Commercial Fisheries Management and Development Division
CIAA	Cook Inlet Aquaculture Association
COOP	Cooperative projects between state and PNP operators
CRAA	Chignik Regional Aquaculture Association
DCED	Department of Commerce and Economic Development
DIPAC	Douglas Island Pink and Chum, Inc.
FRED	Fisheries Rehabilitation, Enhancement and Development Division
KNFC	Kake Nonprofit Fisheries Corporation
KRAA	Kodiak Regional Aquaculture Association
KRHI	Klawock River Hatchery, Inc.
KTHC	Ketchikan Tribal Hatchery Corporation
MCAA	Meyers Chuck Aquaculture Association
MIC	Metlakatla Indian Community
NSRAA	Northern Southeast Regional Aquaculture Association
PGHC	Port Graham Hatchery Corporation
PNP	Private nonprofit
POWHA	Prince of Wales Hatchery Association
PWSAC	Prince William Sound Aquaculture Corporation
SJC	Sheldon Jackson College
SSRAA	Southern Southeast Regional Aquaculture Association
VFDA	Valdez Fisheries Development Association