

Alaska Salmon Enhancement Program 2001 Annual Report



compiled by
Marianne McNair



Alaska Department of Fish and Game
Division of Commercial Fisheries
P.O. Box 25526
Juneau, AK 99802
March 2002

The Regional Information Report Series was established in 1987 to provide an information access system for all unpublished divisional reports. These reports frequently serve diverse ad hoc informational purposes or archive basic uninterpreted data. To accommodate timely reporting of recently collected information, reports in this series undergo only limited internal review and may contain preliminary data; this information may be subsequently finalized and published in the formal literature. Consequently, these reports should not be cited without prior approval of the author or the Division of Commercial Fisheries.

Alaska. Division of Commercial Fisheries
Annual report 2001... Division of Commercial Fisheries Salmon Enhancement
Program Report. 2001 – Juneau, Alaska: Alaska Department of Fish and Game, Division of
Commercial Fisheries (formerly Commercial Fisheries Management and Development
(CFMD) Division and Fisheries Rehabilitation, Enhancement and Development [FRED]
Division).

v. : ill. : 28 cm. annual.
Description based on: 1979. Continues: Alaska Dept. of Fish and Game. Annual
Report.

Vols. for 2001 – by Marianne McNair
Alaska — Periodicals. 3. Pacific salmon — Periodicals. I. Title.

639/.3/0979819

SH35.A62A4
81-640900

cover photo: Armin F Koernig Hatchery, Prince William Sound

PUBLICATION ABSTRACT

TITLE/SUBTITLE Alaska Salmon Enhancement Program 2001 Annual Report		<u>CONFIDENTIALITY</u> ☒ AVAILABLE TO PUBLIC ☐ AVAILABLE TO LEGISLATURE ONLY
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 stringent permitting processes. Geneticists, pathologists, and biologists review all 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, 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 Alaskan hatchery operators in 2001. In addition, 1.4 billion fish were released and almost 40 million were harvested in common property fisheries as a result of the ocean ranching program. These harvests represents 24% of the 2001 commercial common property harvest of 173 million fish. The ocean ranching program provides Alaskans with hundreds of seasonal and full-time jobs.		<u>SUBJECT CATEGORY</u> ☒ NATURAL RESOURCES ☐ EDUCATION ☐ SOCIAL SERVICES ☐ HEALTH ☐ TRANSPORTATION ☐ LAW ENFORCEMENT ☐ COMMERCE & INDUSTRY ☐ GENERAL GOVERNMENT ☐ LOCAL GOVERNMENT ☐ OTHER
		<u>DOCUMENT CATEGORY</u> ☐ PERFORMANCE REPORT ☐ FINANCIAL REPORT ☐ PLANNING DOCUMENT ☐ GRANT APPLICATION ☐ PROMOTIONAL BROCHURE ☐ CONTRACT ☐ RESEARCH—STATISTICAL ☐ TRAINING MANUAL ☒ EDUCATIONAL/GENERAL INFORMATION ☐ REGULATIONS/RIGHTS ☐ RECOMMENDED LEGISLATION ☐ OTHER
AGENCY (Dept/Div/Program) Alaska Department of Fish and Game, Division of Commercial Fisheries		<u>DOCUMENT FORMAT</u> ☒ NARRATIVE ☐ FINANCIAL STATEMENTS ☒ MAPS ☒ STATISTICAL CHARTS ☐ PHOTOGRAPHS/ ILLUSTRATIONS ☐ COMPUTER PRINTOUT ☐ BIBLIOGRAPHY ☐ OTHER
AGENCY ADDRESS P.O. Box 25526, Juneau, Alaska 99802-5526		
SPONSORING AGENCY (if applicable)		
AGENCY CONTACT FOR MORE INFORMATION Steve McGee, 465-6152		
PERSONAL AUTHOR/EDITOR (if applicable) Marianne McNair		
REPORTING PERIOD 2001	PUBLICATION DATE JMarch 2002	
DUE DATE Early 2002	DATE RECEIVED	
STATUTORY AUTHORITY AS 16.05.092	FEDERAL AUTHORITY (if applicable)	
		PURCHASE PRICE (if applicable)

FOR EACH PUBLICATION SUBMITTED TO THE LEGISLATURE, PLEASE SUBMIT 10 COPIES OF THE PUBLICATION AND 100 COPIES OF THIS COMPLETED "PUBLICATIONS ABSTRACT" FORM. SEND TO: LEGISLATIVE LIBRARY, MAIL STOP 3101, 130 SEWARD STREET, SUITE 400, JUNEAU, ALASKA 99801-2105.

Author

Marianne McNair is a research analyst with the Alaska Department of Fish and Game, Division of Commercial Fisheries, P.O. Box 25526, Juneau, Alaska 99802-5526.

Acknowledgments

The author wishes to acknowledge the efforts of numerous area managers and hatchery and aquaculture association personnel who assembled the data reports that are the basis of this document. Thanks also go to Steve McGee for his assistance with editing.

List of Figures

1	Total egg takes, releases, and returns to the enhancement program in 1977-2001	1
2	Locations of hatcheries within Alaska	3

List of Tables

1	Total egg takes, releases, and returns to the Alaska salmon enhancement program in 2001.....	4
2	Alaska enhancement/common property commercial harvest of enhanced fish, in thousands of fish, 2001.....	5
3	Fishery enhancement program time line of events.....	6
4	Eggs taken at Alaska hatcheries in 2001, in millions of eggs.....	8
5	Alaska hatchery 2001 releases, in millions of fish.....	9
6	Estimated adult returns, by species, to Alaska enhancement projects in 2001, including common property harvests, as reported by operators.....	10
7	Projected adult returns, by species, to Alaska enhancement projects in 2002.....	11
8	Cumulative state loans and enhancement funds returned to associations and annual fish sales for private nonprofit hatcheries	12
9	(a) Summary of salmon production (all species) from Alaska hatcheries and enhancement projects	13
	(b) Summary of pink salmon production from Alaska hatcheries and enhancement projects	13
	(c) Summary of chum salmon production from Alaska hatcheries and enhancement projects	13
	(d) Summary of coho salmon production from Alaska hatcheries and enhancement projects	14

List of Tables (continued)

(e)	Summary of chinook salmon production from Alaska hatcheries and enhancement projects	14
(f)	Summary of sockeye salmon production from Alaska hatcheries and enhancement projects	14
10 (a)	Summary of statewide salmon production (all species) from private nonprofit hatcheries in Alaska, as reported by operators	15
(b)	Summary of pink salmon production from private nonprofit hatcheries in Alaska.....	15
(c)	Summary of chum salmon production from private nonprofit hatcheries in Alaska.....	16
(d)	Summary of coho salmon production from private nonprofit hatcheries in Alaska.....	16
(e)	Summary of chinook salmon production from private nonprofit hatcheries in Alaska.....	17
(f)	Summary of sockeye salmon production from private nonprofit hatcheries in Alaska.....	17
11	Alaska commercial salmon fishery harvest weights and prices, 2001.....	18
12	Alaska state hatchery FY 01 operating budgets, in thousands of dollars	18
13	Detailed return information, by species, to 2001 Alaska enhancement program projects	19
(a)	Estimated pink salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.....	19
(b)	Estimated chum salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.....	20
(c)	Estimated coho salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.....	21

List of Tables (continued)

(d) Estimated chinook salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.....	22
(e) Estimated sockeye salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.....	23
(f) Estimated “other” enhanced fish returns to Alaska hatcheries in 2001.....	24
14 Summary of fishery resource-permitted salmon production in Alaska for 2001.....	25
15 Updated return information, by species, to 2000 Alaska enhancement projects.....	27
a) Updated pink salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.....	27
(b) Updated chum salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.....	28
(c) Updated coho salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.....	29
(d) Updated chinook salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.....	30
(e) Updated sockeye salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.....	31
(f) Updated “other” enhanced fish returns to Alaska hatcheries in 2000.....	32
16 List of acronyms and abbreviations	33
17 Alaska salmon hatchery contact list.....	34
18 Permitted capacity of Alaskan private nonprofit hatcheries in 2001, in millions of eggs.....	36



Main Bay Hatchery



Gulkana Hatchery



Solomon Gulch Hatchery



Wally Noerenberg Hatchery



AF Koernig Hatchery



Neets Bay Hatchery

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 stringent permitting processes. Geneticists, pathologists, and biologists review all 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, 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 2001. In addition, 1.4 billion fish were released and almost 40 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. It is now considered the largest agricultural industry in Alaska.

Prince William Sound and Southeast Alaska are the predominant regions affected by the enhancement program, and pink and chum salmon are the predominant species produced. 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: 2 state hatcheries, 29 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 hatchery 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 stocks of fish inexpensively, and stream restoration projects involve restoring streams degraded by human-use activities.

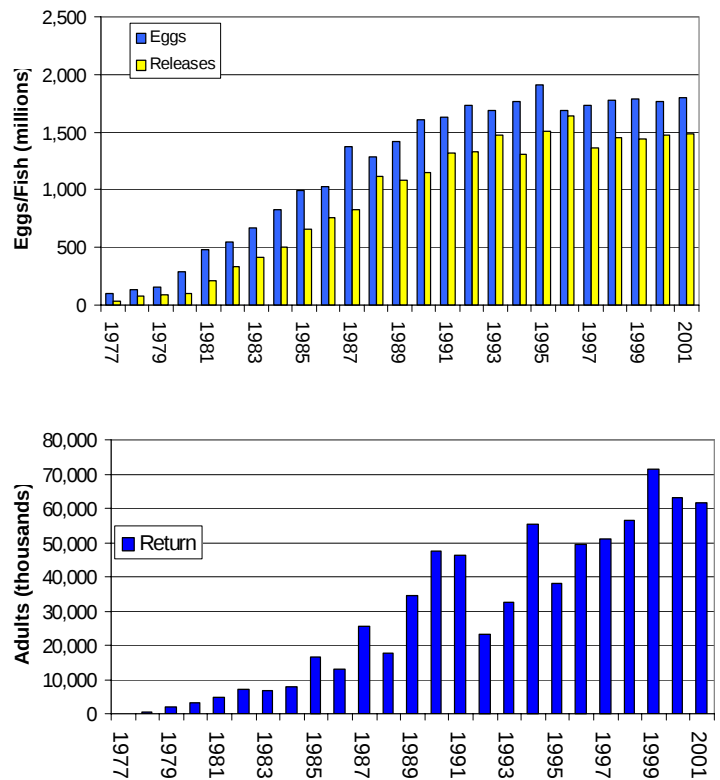


Figure 1. Total egg takes, releases and returns to the enhancement program in 1977-2001.

Highlights in 2001:

- The commercial common property harvest of salmon was composed of 24.5% enhancement program-produced fish, in terms of numbers of fish and 23% enhancement program-produced fish, in terms of revenue. A preliminary estimate of the value of the enhanced common property harvest is \$44 million.
- Almost 570,000 hatchery-produced fish representing 10 species (chinook, coho, pink, sockeye, and chum salmon; steelhead, lake, and rainbow trout; Arctic char and grayling) were caught by sport fishermen in 2001.
- In general the Alaskan hatchery program is very stable. Eggtakes and release numbers are very similar to prior years.

- Chum salmon survivals in southeast Alaska returned to more normal levels than prior years record high survivals, and consequently the return of chum salmon was down. However, the exvessel price of chum salmon was up, and one of the bright spots in a year of poor salmon prices.
- The Board of Fisheries established guideline harvest percentages for each commercial gear group to allocate the harvest of enhanced salmon in southeast Alaska. If, over a period of time, allocation percentages are not met, actions must be taken to correct the imbalance. 2001 was the third consecutive year that corrective actions were necessary to help increase the troll harvest. . The joint Northern and Southern Regional Planning teams are working on solving this inequity. However, preliminary 2001 data indicates that the imbalance might naturally be shifting, due to the large decrease of seine caught hatchery chum salmon.
- Statewide, ex-vessel prices for most salmon species were very low. Fishermen did not fish, and some processors did not operate. People within the fishing industry started talking of changing the structure of the existing commercial salmon fishery.



Analyzing samples at the Mark Tag and Age laboratory

- Controversy continued as staff from Trout Unlimited called for the closure of all Prince William Sound hatcheries, citing genetic concerns.
- Harvests from the five Prince William Sound hatcheries provided an estimated \$17 million to common property fishermen.
- Almost 32% of the common property sockeye salmon caught in Cook Inlet were from Cook Inlet hatcheries, with a preliminary value of \$771 thousand.
- Trail Lakes Hatchery in Cook Inlet had a disastrous outbreak of infectious hematopoietic necrosis and lost 74% of its juvenile sockeye.
- Hatchery returns of pink salmon to Kodiak reached record highs. The preliminary 2001 Kodiak enhanced salmon harvest of 14 million fish represented 68% of the pink salmon harvested in the Kodiak area.



Examining samples for IHN at the Juneau state pathology laboratory

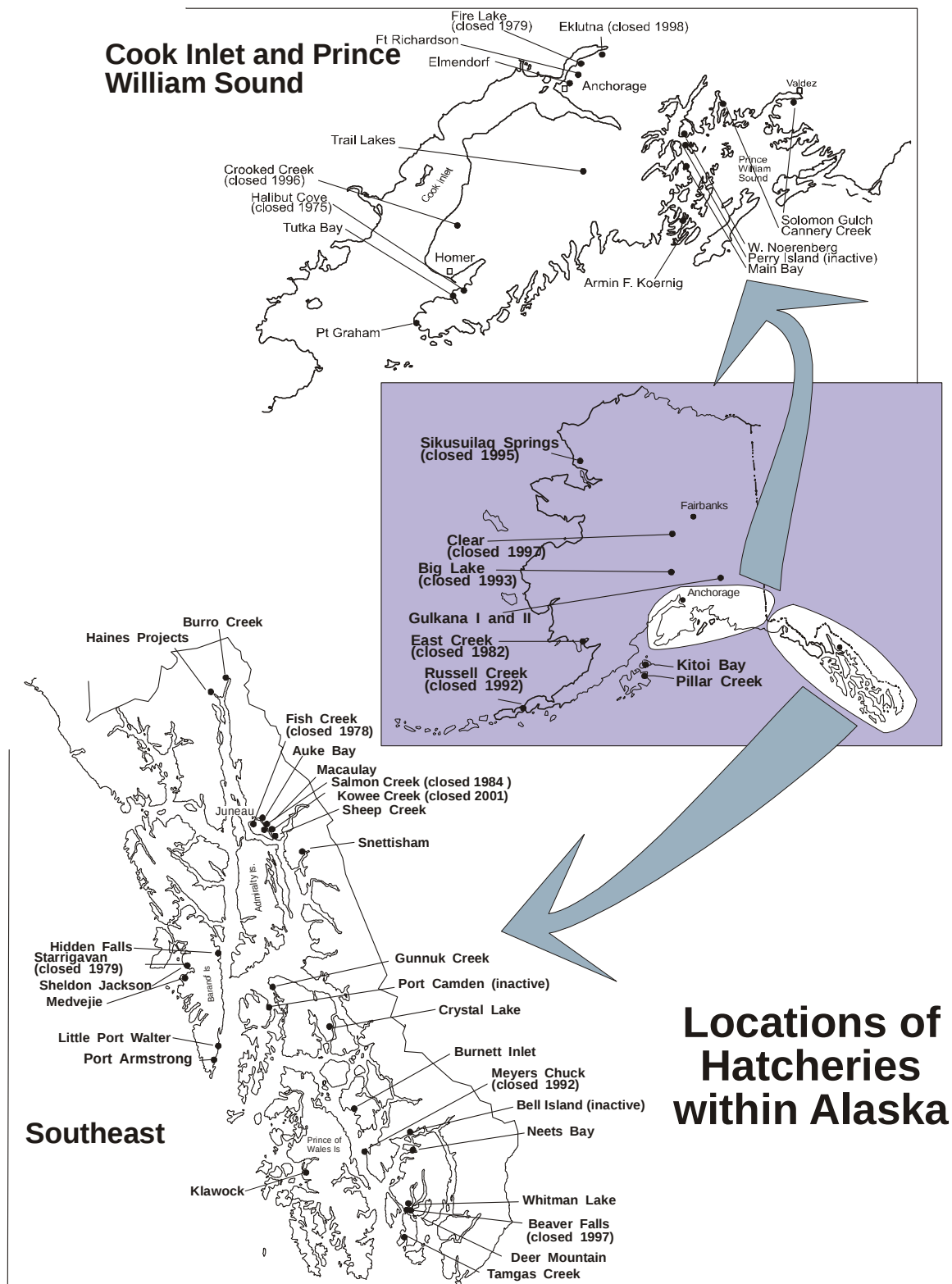


Figure 2. Locations of hatcheries within Alaska.

Table 1. Total egg takes, releases, and returns to the Alaska salmon enhancement program in 2001.

Estimated egg takes from Alaska hatcheries, in millions, 2001.

Region	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast	81.84	421.92	19.05	10.58	15.69	0.11	549.19
Prince William Sound	668.88	114.08	3.78	0.00	45.03	0.00	831.78
Cook Inlet	146.74	0.00	3.90	2.47	25.67	3.51	182.29
Kodiak/Alaska Peninsula	199.75	27.70	2.39	0.09	2.46	0.00	232.39
Totals	1,097.22	563.70	29.12	13.14	88.85	3.62	1,795.64

Estimated releases from Alaska hatcheries, in millions, 2001.

Region	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast	59.69	372.29	16.76	7.72	13.42	0.15	470.03
Prince William Sound	621.06	76.12	1.74	0.00	21.45	0.00	720.37
Cook Inlet	126.64	0.00	1.20	2.15	1.14	2.19	133.32
Kodiak/Alaska Peninsula	134.82	20.03	1.31	0.00	3.16	0.00	159.33
Totals	942.21	468.44	21.02	9.87	39.17	2.34	1,483.04

Total returns attributed to Alaska hatcheries and enhancement projects, 2001.

Region	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast	2,653,045	6,252,324	1,145,936	153,247	525,568	24	10,730,144
Prince William Sound	30,239,272	2,670,767	325,792	860	1,087,814	0	34,324,505
Cook Inlet	750,495	0	98,183	28,082	1,228,558	109,743	2,215,061
Kodiak/Alaska Peninsula	13,604,054	244,308	173,601	0	485,068	0	14,507,031
Totals	47,246,866	9,167,399	1,743,512	182,189	3,327,008	109,767	61,776,741

includes common property, cost recovery, broodstock, escapement

Total estimated value of common property harvest, in thousands, 2001.

Region	Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast	\$460	\$13,177	\$2,034	\$1,047	\$1,442	\$0	\$18,159
Prince William Sound	\$6,300	\$4,610	\$402	\$0	\$6,085	\$0	\$17,397
Cook Inlet	\$47	\$0	\$13	\$0	\$2,402	\$0	\$2,462
Kodiak/Alaska Peninsula	\$4,109	\$477	\$236	\$0	\$1,505	\$0	\$6,327
Totals	\$10,916	\$18,263	\$2,685	\$1,047	\$11,434	\$0	\$44,345



Armin F. Koernig Hatchery



Main Bay Hatchery interior

Table 2. Alaska enhancement/common property commercial harvest of enhanced fish, in thousands of fish, 2001.

Area	Harvest ^a	Chinook	Sockeye	Coho	Pink	Chum	Total
Southeast	Total Commercial Harvest	215	2,021	3,122	67,127	8,649	81,134
	Total Cost Recovery Harvest	65	129	435	1,182	2,151	3,963
	Common Property Harvest	150	1,892	2,687	65,945	6,498	77,171
	Enhanced Fish Harvested	48	281	563	1,165	3,494	5,551
	% Enhanced in Total CP Harvest ^b	32.3%	14.8%	21.0%	1.8%	53.8%	7.2%
Prince William Sound	Total Commercial Harvest	42	2,273	444	34,390	3,141	40,290
	Total Cost Recovery Harvest	0	50	26	12,961	953	13,990
	Common Property Harvest	42	2,223	418	21,429	2,188	26,300
	Enhanced Fish Harvested	0	827	149	15,085	1,547	17,609
	% Enhanced in Total CP Harvest	0.0%	37.2%	35.7%	70.4%	70.7%	67.0%
Cook Inlet	Total Commercial Harvest	10	2,136	116	666	174	3,102
	Total Cost Recovery Harvest	0	68	0	422	0	489
	Common Property Harvest	10	2,068	116	244	174	2,613
	Enhanced Fish Harvested	0	656	6	109	0	771
	% Enhanced in Total CP Harvest	0.0%	31.7%	5.6%	44.5%	0.0%	29.5%
Kodiak	Total Commercial Harvest	24	2,658	404	19,540	1,054	23,680
	Total Cost Recovery Harvest	0	0	0	0	0	0
	Common Property Harvest	24	2,658	404	19,540	1,054	23,680
	Enhanced Fish Harvested	0	412	152	13,272	217	14,052
	% Enhanced in Total CP Harvest	0.0%	15.5%	37.6%	67.9%	20.6%	59.3%
Chignik/Aleutian Islands/ Alaska Peninsula	Total Commercial Harvest	10	3,248	362	4,807	1,242	9,669
	Enhanced Fish Harvested	0	0	0	0	0	0
	% Enhanced in Total CP Harvest	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bristol Bay	Total Commercial Harvest	24	14,004	17	1	870	14,916
	Enhanced Fish Harvested	0	0	0	0	0	0
	% Enhanced in Total CP Harvest	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Arctic-Yukon-Kuskokwim	Total Commercial Harvest	14	59	240	0	245	558
	Enhanced Fish Harvested	0	0	0	0	0	0
	% Enhanced in Total CP Harvest	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	Total Commercial Harvest	339	26,399	4,705	126,531	15,375	173,349
	Total Cost Recovery Harvest	65	248	461	14,564	3,104	18,442
	Common Property Harvest	274	26,151	4,244	111,967	12,271	154,907
	Enhanced Fish Harvested	48	2,176	870	29,631	5,257	37,983
	% Enhanced in Total CP Harvest	17.7%	8.3%	20.5%	26.5%	42.8%	24.5%

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

^b CP = common property



Rinsing eggs at Neets Bay Hatchery

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)	7		
	State enhancement projects at Starrigavan and Halibut Cove started			
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), 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 (Sikusuilag and Trail Lakes) 4 PNP permits issued (Medveje (#16), Port Armstrong (#13), Solomon Gulch (#15), 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, Hidden Falls) 4 PNP permits issued (Hidden Falls (#28), Cannery Creek (#26), Trail Lakes (#27), 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	

Table 3. Continued.

Year	Event	Number of State	Number of Private Nonprofit	Number of Federal
1993	3 state hatcheries transferred from CFMD Division to Sport Fish Division (Brood stock 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), Deer Mountain (#37)) 1 state hatchery contracted (Deer Mountain) Ft. Richardson Hatchery merged with Broodstock Development Center	7 6	35	
1995	1 PNP hatchery under new management (Klawock (#38)) 1 state hatchery transferred from CFMD Division to Sport Fish Division (Crystal Lake) 1 state hatchery closed (Sikusuilaq)	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), Crooked Creek (#35)) 1 PNP hatchery closed & reopened under new management (Burnett Inlet (#5, now #40))	3	31 31	
1998	1 PNP hatchery closed (Eklutna (#17))		30	
2000	1 state hatchery contracted to private sector (Crystal Lake Hatchery) Port Camden hatchery permit (# 23) given up	2	31 30	
2001	Kowee Creek hatchery permit (#6) given up		29	

Note: Perry Island and Bell Island are not active PNP sites (total = 27 active operational PNPs)



Gulkana sockeye fry, as seen in the window of the plane preparing to transport them to Crosswind Lake

Table 4. Eggs taken at Alaska hatcheries in 2001, in millions of eggs.

Region/Operator/Location			Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast									
SSRAA	Whitman Lake			28.36	4.70	1.31			34.37
	Neets Bay			78.39					78.39
	Burnett Inlet				2.15		0.98		3.13
	Crystal Lake				0.34	2.19			2.53
NSRAA	Hidden Falls			87.18	2.13	1.40			90.72
	Medvejie Creek	0.27		50.50	0.27	2.85			53.88
	Haines projects			0.57					0.57
AKI	Port Armstrong		78.91		1.86	0.18			80.95
DIPAC	Macaulay (was Gastineau)	1.77		121.06	0.80	0.48			124.11
	Snettisham						14.07		14.07
KTHC	Deer Mountain				0.18	0.18		0.01	0.37
KNFC	Gunnuk Creek			54.25	0.07				54.32
POWHA	Klawock				3.25		0.63	0.01	3.88
SJC	Sheldon Jackson	0.90		0.72		0.04			1.66
MIC	Tamgas Creek			0.88	3.32	0.96	0.00		5.16
Federal	Little Port Walter					1.00		0.10	1.10
Southeast Totals			81.84	421.92	19.05	10.58	15.69	0.11	549.19
Prince William Sound									
PWSAC	Armin F. Koernig	171.99							171.99
	Wally Noerenberg	119.08		114.08	1.40				234.57
	Cannery Creek	150.21							150.21
	Main Bay						10.87		10.87
	Gulkana						34.16		34.16
VFDA	Solomon Gulch	227.60			2.38				229.98
Prince William Sound Totals			668.88	114.08	3.78	0.00	45.03	0.00	831.78
Cook Inlet									
PGHC	Port Graham	12.36							12.36
CIAA	Trail Lakes				1.05		25.67		26.72
	Tutka Bay	134.38							134.38
ADF&G	Elmendorf				1.05	0.94			1.99
	Ft. Richardson				1.80	1.53		3.51	6.84
Cook Inlet Totals			146.74	0.00	3.90	2.47	25.67	3.51	182.29
Kodiak									
KRAA	Kitoi Bay	199.75		27.70	2.26		0.42		230.13
	Pillar Creek				0.13	0.09	2.04		2.26
Kodiak Totals			199.75	27.70	2.39	0.09	2.46	0.00	232.39
Statewide Totals			1,097.22	563.70	29.12	13.14	88.85	3.62	1,795.64

In 2001, no eggs taken at Auke Creek. Burro Creek and Sheep Creek eggtake listed under Macaulay hatchery.

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

* eggtakes incomplete

Table 5. Alaska hatchery 2001 releases, in millions of fish.

Region/Operator/Location		Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast								
SSRAA	Whitman Lake			0.30	0.78			1.08
	Kendrick Bay		10.10					10.10
	Nakat Inlet		8.47	0.30				8.77
	Anita Bay		8.33	0.20				8.53
	Neets Bay		58.47	2.74	0.72			61.92
	Nakat Inlet		8.21					8.21
	Burnett Inlet-Hugh Smith					0.45		0.45
	Neck Lake/Creek			1.94		0.44		2.39
	Crystal Lake			0.18	0.60			0.77
	Anita Bay				0.37			0.37
	Neets Bay				0.42			0.42
NSRAA	Hidden Falls		39.92	1.76	1.21			42.89
	Takatz		41.93					41.93
	Medvejie Creek	0.29	6.95	0.26	2.18			9.68
	Deep Inlet		33.98					33.98
	Deer Lake			2.41				2.41
	Haines projects		1.67					1.67
AKI	Port Armstrong	52.34		0.98				53.32
DIPAC	Macaulay (was Gastineau)	1.72	27.86	0.77	0.21			30.57
	Amalga Harbor		46.03					46.03
	Boat Harbor		14.88					14.88
	Limestone Inlet		15.14					15.14
	Skagway				0.03			0.03
	Fish Cr/Auke Bay/Twin L				0.39			0.39
	Snettisham					12.27		12.27
KTHC	Deer Mountain			0.13	0.09		0.13	0.22
KNFC	Gunnuk Creek		46.22					46.22
SJC	Sheldon Jackson	5.33	3.86	0.04	0.05			9.29
MIC	Tamgas Creek		0.26	3.16	0.56	0.01		3.99
POWHA	Klawock			1.60		0.25	0.02	1.85
Federal	Little Port Walter				0.11		0.01	0.11
Southeast Totals		59.69	372.29	16.76	7.72	13.42	0.15	470.03
Prince William Sound								
PWSAC	Armin F. Koernig	150.29						150.29
	Wally Noerenberg	127.65	57.71	0.05				185.41
	Port Chalmers		18.40					18.40
	Whittier			0.05				0.05
	Cordova			0.07				0.07
	Chenega			0.05				0.05
	Gulkana I and II					13.95		13.95
	Cannery Creek	139.23						139.23
	Main Bay					7.50		7.50
VFDA	Solomon Gulch	203.90		1.52				205.42
Prince William Sound Totals		621.06	76.12	1.74	0.00	21.45	0.00	720.37
Cook Inlet								
PGHC	Port Graham	27.30						27.30
CIAA	Trail Lakes- Bear Creek/Lake				0.43	0.15		0.58
	Kirschner/Leisure/Hazel					0.09		0.09
	Hidden Lake					0.91		0.91
	Tutka Bay	99.34						99.34
ADF&G	Elmendorf				1.29		0.20	1.49
	Ft. Richardson			1.20	0.43		1.99	3.62
Cook Inlet Totals		126.64	0.00	1.20	2.15	1.14	2.19	133.32
Kodiak								
KRAA	Kitoi Bay	134.82	20.03	1.24		0.28		156.37
	Pillar Creek			0.07		2.88		2.96
Kodiak Totals		134.82	20.03	1.31	0.00	3.16	0.00	159.33
Statewide Totals		942.21	468.44	21.02	9.87	39.17	2.34	1,483.04

In 2001, no releases at Auke Creek, Sheep Creek, Bell Island, Burro Creek, and Eklutna hatcheries

Table 6. Estimated adult returns, by species, to Alaska enhancement projects in 2001, including co-
property harvests, as reported by operators.

Region/Operator/Location			Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast									
SSRAA	Whitman Lake			359,437	35,484	20,042			414,963
	Neets Bay			1,756,828	260,499	1,812			2,019,139
	Earl West Cove Coop				12,737	11,424			24,161
	Neets Bay/Crystal Coop					11,163			11,163
	Burnett Inlet (under SSRAA)				101,561		173,620		275,181
	Crystal Lake				4,519	9,873			14,392
NSRAA	Hidden Falls			1,581,547	205,612	32,200			1,819,359
	Medvejie Creek			1,020,368	92,949	33,445			1,146,762
	Haines projects			7,954					7,954
AKI	Port Armstrong	2,459,637			207,309				2,666,946
BCF	Burro Creek				136	254			390
DIPAC	Sheep Creek			55,301	2,363				57,664
	Macaulay (was Gastineau)	130,793		1,115,702	83,441	7,750			1,337,686
	Snettisham						334,922		334,922
	Chilkat L Coop						8,831		8,831
KNFC	Gunnuk Creek			349,000	84				349,084
SJC	Indian River	62,615		4,640	15	59			67,329
POWHA	Klawock				44,884		8,195		53,079
MIC	Tamgas Creek			1,547	87,860	21,287			110,694
Federal	Auke Creek				27				27
	Little Port Walter					2,440			2,440
KTHC	Deer Mountain				6,456	1,498		24	7,978
Southeast Totals			2,653,045	6,252,324	1,145,936	153,247	525,568	24	10,730,144
Prince William Sound									
PWSAC	Armin F. Koernig	4,810,345		219,799					5,030,144
	Wally Noerenberg	7,181,077		2,450,968	12,565	860			9,645,470
	Cannery Creek	2,121,305							2,121,305
	Main Bay						835,750		835,750
	Gulkana						252,064		252,064
VFDA	Solomon Gulch	16,126,545			313,227				16,439,772
Prince William Sound Totals			30,239,272	2,670,767	325,792	860	1,087,814	0	34,324,505
Cook Inlet									
PGHC	Port Graham	34,773					13,646		48,419
CIAA	Trail Lakes				4,013		1,214,227		1,218,240
	Tutka	715,722					685		716,407
ADF&G	Elmendorf					18,405			18,405
	Ft. Richardson				94,170	9,677		109,743	213,590
Cook Inlet Totals			750,495	0	98,183	28,082	1,228,558	109,743	2,215,061
Kodiak									
KRAA	Kitoi Bay	13,604,054		244,308	162,967		49,540		14,060,869
	Fish Pass/Other						134,115		134,115
	Pillar Creek				10,634		301,413		312,047
Kodiak Totals			13,604,054	244,308	173,601	0	485,068	0	14,507,031
Statewide Totals			47,246,866	9,167,399	1,743,512	182,189	3,327,008	109,767	61,776,741

In 2001, no returns to Auke Creek, Bell Island, and Eklutna hatcheries

See Table 16 for list of acronyms used throughout this report.

Table 7. Projected adult returns, by species, to Alaska enhancement projects in 2002.

Region/Operator/Location		Pink	Chum	Coho	Chinook	Sockeye	Other	Total
Southeast								
SSRAA	Whitman Lake			30,000	15,000			45,000
	Earl West Cove		66,000		7,500			73,500
	Nakat Inlet		107,500	15,000				122,500
	Anita Bay			20,000				20,000
	Kendrick Bay		119,000					119,000
	Neets Bay		1,126,000	160,000	11,500			1,297,500
	Burnett Inlet (under SSRAA)							0
	Neck Lake			16,700				16,700
	Salmon Lake			112,000				112,000
	Hugh Smith Lake					21,812		21,812
	McDonald Lake					88,845		88,845
	Crystal Lake			3,500	8,100			11,600
NSRAA	Hidden Falls		1,580,000	158,000	18,500			1,756,500
	Medvejie Creek		900,000	46,800	35,000			981,800
	Haines projects		7,954			8,831		16,785
AKI	Port Armstrong	1,570,306		78,044				1,648,350
BCF	Burro Creek				70			70
DIPAC	Macaulay (was Gastineau)	100,000	229,000	80,000	8,200			417,200
	Amalga Harbor		972,000					972,000
	Boat Harbor		120,000					120,000
	Limestone Inlet		170,000					170,000
	Snettisham					292,000		292,000
	Sweetheart Lake					4,200		4,200
	Taku River					9,980		9,980
	Stikine River					15,700		15,700
KTHC	Deer Mountain			8,578	722		45	9,345
KNFC	Gunnuk Creek		78,040	714				78,754
	Southeast Cove		376,000					376,000
SJC	Indian River	235,541	91,126	5,880	1,092			333,639
FED	Little Port Walter	300			1,300		100	1,600
POWHA	Klawock			95,783		8,800		104,583
Southeast Totals		1,906,147	5,942,620	830,999	106,984	450,168	145	9,236,918
Prince William Sound								
PWSAC	Armin F. Koernig	6,000,000	100,000					6,100,000
	Wally Noerenberg	5,200,000	2,900,000	11,100	80			8,111,180
	Cannery Creek	5,600,000						5,600,000
	Main Bay					612,000		612,000
	Gulkana					455,100		455,100
VFDA	Solomon Gulch	10,724,993		158,139				10,883,132
Prince William Sound Totals		27,524,993	3,000,000	169,239	80	1,067,100		31,761,412
Cook Inlet								
PGHC	Port Graham							0
CIAA	Trail Lakes							
	Hazel/Leisure/ Chenik					66,800		66,800
	Big Lake					95,000		95,000
	Kirschner Lake					19,700		19,700
	Hidden Lake					154,800		154,800
	Bear Lake				15,500	23,000		38,500
	Tustumena Lake					787,000		787,000
	Tutka Bay	2,185,000				4,000		2,189,000
ADF&G	Elmendorf				21,297			21,297
	Ft. Richardson			61,208	9,677		110,470	181,355
Cook Inlet Totals		2,185,000	0	61,208	46,474	1,150,300	110,470	3,553,452
Kodiak								
KRAA	Kitoi Bay	4,826,687	108,218	133,195		4,508		5,072,608
	Pillar Creek			5,500		358,300		363,800
Kodiak Totals		4,826,687	108,218	138,695	0	362,808	0	5,436,408
Statewide Totals		36,442,827	9,050,838	1,200,141	153,538	3,030,376	110,615	49,988,190

Table 8. Cumulative state loans and enhancement funds returned to associations 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		2001 Operator Reported Revenues ¹
	For Capital Construction		For Operations		FY 2002	Cumulative	
	FY 01	Cumulative	FY 01	Cumulative			
Southern Southeast							
SSRAA (Southern Southeast Regional Aquaculture Association) — (3)		\$ 9,393,000		\$ 4,492,309	\$ 665,216	\$30,632,622 note 2	\$ 3,889,000
AAI (Alaska Aquaculture, Inc.) — (0) ⁴		\$ 3,469,418		\$ 4,678,794		NA	
MCAA (Meyers Chuck Aquaculture Association) — (0) ⁴		\$ 10,000				NA	
POWHA (Prince of Wales Hatchery Association) — (1)		\$ 400,000		\$ 1,110,000			\$ 292,500
Northern Southeast							
NSRAA (Northern Southeast Regional Aquaculture Association) — (3)		\$ 2,724,265		\$ 1,816,496	\$1,235,610	\$22,349,115 note 2	\$ 3,109,246
AKI (Armstrong-Keta, Inc.) — (1)		\$ 3,565,145		\$ 4,087,595		NA	\$ 1,138,838
BCF (Burro Creek Farms, Inc.) — (1)		\$ 143,500		\$ 290,875		NA	\$ 20,750
DIPAC (Douglas Island Pink and Chum, Inc.) — (3)		\$ 9,139,000		\$13,664,000		NA	\$ 3,987,160
KNFC (Kake Nonprofit Fisheries Corporation) — (1)		\$ 2,858,724		\$ 6,128,058		NA	\$ 787,181
SJC (Sheldon Jackson College) — (1)		\$ 423,624				NA	\$ 2,521
THFDC (Tlingit and Haida Fisheries Development Corporation) — (0) ⁴		\$ 1,464,000		\$ 89,860		NA	
Prince William Sound							
PWSAC (Prince William Sound Aquaculture Corporation) — (3)		\$24,475,419		\$ 5,585,500	\$ 784,136	\$13,850,881 note 3	\$ 7,601,768
VFDA (Valdez Fisheries Development Association) — (1)	\$606,500	\$ 4,400,530		\$ 8,024,246		NA	\$ 2,897,101
Cook Inlet							
PGHC (Port Graham Hatchery Corporation) — (1)		\$ 515,000	\$ 140,000	\$ 140,000		NA	\$ 0
CIAA (Cook Inlet Aquaculture Association) — (3)		\$ 1,438,881	\$ 350,000	\$ 2,183,369	\$ 244,555	\$19,815,582 note 3	\$ 876,030
Kodiak							
KRAA (Kodiak Regional Aquaculture Association) — (2)					\$ 492,041	\$11,301,119 note 3	
Chignik							
CRAA (Chignik Regional Aquaculture Association) — (0)					\$ 256,297	\$ 2,794,606 note 3	
Statewide Totals	\$606,500	\$64,420,506	\$ 490,000	\$52,291,102	\$3,677,856	\$100,743,926	\$24,602,095

Sources: Geoff Whistler, Department of Commerce and Economic Development — Fisheries Enhancement Revolving Loan Fund Program Overview; PNP annual reports.

¹ Data is preliminary and includes all reported revenue sources: cost recovery, carcass sale, donations, grants, etc.

² A 3% mandatory assessment tax was collected from commercial fishermen.

³ A 2% mandatory assessment tax was collected from commercial fishermen.

⁴ A struck through (example) corporation name indicates that the corporation is no longer active.

NA = not applicable

FY 02 = fiscal year (July 1, 2001–June 30, 2002)

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

Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)	Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)
1966	NA	1	0	1984	829	506	7,689
1967	NA	1	0	1985	995	659	16,650
1968	NA	1	0	1986	1,026	762	12,808
1969	NA	1	0	1987	1,369	824	25,354
1970	NA	1	0	1988	1,280	1,114	17,820
1971	NA	1	0	1989	1,418	1,087	34,530
1972	NA	2	0	1990	1,603	1,154	47,422
1973	2	0	0	1991	1,634	1,319	46,109
1974	8	2	0	1992	1,725	1,323	23,187
1975	29	7	18	1993	1,685	1,475	32,609
1976	56	9	38	1994	1,758	1,302	55,172
1977	96	38	175	1995	1,913	1,503	38,062
1978	129	73	334	1996	1,687	1,638	49,229
1979	152	85	1,962	1997	1,734	1,363	50,839
1980	292	96	3,024	1998	1,776	1,453	56,468
1981	475	212	4,885	1999	1,791	1,435	71,276
1982	548	331	6,939	2000	1,762	1,476	62,960
1983	668	412	6,560	2001	1,792	1,481	61,667
Total					30,231	23,145	733,784

Table does not include nonanadromous species.

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

Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)	Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)
1974	5	0		1988	736	730	13,838
1975	15	5	18	1989	975	675	31,754
1976	23	4	16	1990	1,014	811	41,207
1977	66	18	175	1991	998	862	38,132
1978	79	50	321	1992	1,077	797	14,879
1979	91	60	1,591	1993	1,031	919	20,693
1980	174	64	2,310	1994	1,076	790	41,489
1981	328	135	4,371	1995	1,162	921	25,415
1982	344	218	6,610	1996	929	999	29,298
1983	406	264	5,939	1997	1,064	772	33,956
1984	443	332	5,298	1998	1,121	873	38,651
1985	604	366	14,158	1999	1,092	878	51,973
1986	511	484	9,044	2000	1,074	880	40,395
1987	840	443	21,960	2001	1,097	942	47,247

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

Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)	Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)
1974	1	0		1988	392	288	2,490
1975	5	1		1989	293	310	1,347
1976	7	2		1990	450	241	2,039
1977	8	3	1	1991	480	365	2,181
1978	12	4	3	1992	510	428	3,089
1979	24	7	6	1993	496	469	6,709
1980	74	13	16	1994	529	407	8,996
1981	87	46	53	1995	596	473	9,808
1982	126	63	153	1996	590	535	16,353
1983	170	86	301	1997	524	485	12,595
1984	269	108	1,809	1998	517	479	13,468
1985	244	201	1,404	1999	571	461	15,072
1986	374	182	1,931	2000	576	508	18,698
1987	380	298	1,930	2001	564	468	9,167

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

Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)	Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)
1966	NA	1		1984	21	11	179
1967	NA	1		1985	20	15	308
1968	NA	1		1986	24	13	647
1969	NA	1		1987	26	15	451
1970	NA	1		1988	28	19	251
1971	NA	0		1989	23	16	489
1972	NA	2		1990	22	18	940
1973	NA	2		1991	23	14	1,251
1974	NA	2		1992	21	14	1,378
1975	7	4	0	1993	25	15	915
1976	5	3	22	1994	28	18	1,306
1977	5	5		1995	27	21	1,312
1978	5	3		1996	30	21	1,087
1979	4	3	49	1997	36	23	1,456
1980	4	2	21	1998	30	21	1,365
1981	8	3	55	1999	26	22	1,553
1982	16	3	108	2000	28	19	1,631
1983	17	9	96	2001	29	21	1,744

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

Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)	Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)
1966	NA	0		1984	10	4	21
1967	NA	1		1985	19	4	26
1968	NA	0		1986	16	6	40
1969	NA	0		1987	17	8	93
1970	NA	0		1988	18	9	75
1971	NA	0		1989	15	8	76
1972	NA	0		1990	17	10	116
1973	NA	0		1991	20	7	172
1974	0	1		1992	13	10	131
1975	1	0		1993	12	12	112
1976	1	0		1994	13	10	126
1977	3	1		1995	14	7	171
1978	2	1	0	1996	11	7	171
1979	2	1	3	1997	12	7	150
1980	3	1	7	1998	13	8	104
1981	1	1	5	1999	12	8	112
1982	3	1	12	2000	11	9	159
1983	7	2	13	2001	13	10	182

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

Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)	Year	Egg Takes (millions)	Fry Releases (millions)	Total Returns (thousands)
1972	NA	0		1987	107	60	920
1973	2	0		1988	107	69	1,166
1974	2	1		1989	112	77	864
1975	8	1		1990	100	74	3,120
1976	24	2		1991	113	70	4,373
1977	19	14	0	1992	104	74	3,710
1978	35	16	13	1993	122	61	4,180
1979	30	17	318	1994	112	77	3,255
1980	38	15	670	1995	115	81	1,356
1981	51	28	401	1996	127	75	2,320
1982	59	45	56	1997	98	75	2,682
1983	68	53	210	1998	95	72	2,879
1984	86	52	382	1999	91	67	2,566
1985	108	73	754	2000	74	60	2,076
1986	101	77	1,146	2001	89	39	3,327

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

Year	Egg take (millions)	Fry release (millions)	Total return (thousands)	Cost recovery (thousands)	Cost recovery revenue
1975	8				
1976	17	4			
1977	37	12	160	109	
1978	37	27	161	215	
1979	54	29	357	253	\$272,000
1980	126	36	1,506	346	\$482,000
1981	224	102	2,564	856	\$1,274,640
1982	234	127	5,341	1,364	\$1,170,000
1983	261	170	4,286	886	\$671,000
1984	373	218	4,764	1,043	\$1,655,000
1985	470	302	8,106	1,854	\$1,902,000
1986	522	381	7,904	1,212	\$1,861,000
1987	868	461	19,097	4,184	\$6,562,000
1988	1,046	820	14,344	2,498	\$8,789,000
1989	1,109	860	24,045	15,012	\$16,611,000
1990	1,249	925	42,405	10,388	\$12,898,000
1991	1,326	1,087	40,265	13,170	\$6,317,000
1992	1,428	1,075	18,175	7,255	\$10,239,000
1993	1,613	1,426	27,781	4,848	\$7,340,000
1994	1,726	1,268	52,023	15,906	\$17,104,000
1995	1,877	1,174	37,593	9,554	\$12,924,000
1996	1,735	1,632	48,946	14,657	\$14,325,000
1997	1,713	1,349	50,629	19,352	\$16,111,000
1998	1,759	1,444	56,154	15,651	\$14,535,000
1999	1,778	1,428	71,140	22,608	\$21,759,078
2000	1,750	1,469	62,743	19,007	\$26,065,000
2001	1,779	1,474	59,886	18,398	\$22,196,000
Cumulative Hatchery Revenues from Special Harvests:					\$223,062,718

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

Year	Egg take (millions)	Fry release (millions)	Total return (thousands)	Cost recovery (thousands)
1975	8.00	0.00	0.0	0.0
1976	16.25	3.65	0.0	0.0
1977	35.38	12.09	160.1	109.0
1978	34.85	25.73	160.4	215.0
1979	46.58	28.20	356.5	253.0
1980	98.03	31.69	1,504.9	346.0
1981	188.00	78.80	2,491.3	838.0
1982	185.17	102.55	5,253.4	1,359.0
1983	185.52	126.89	4,086.6	843.0
1984	241.76	159.34	3,637.9	583.0
1985	339.91	199.49	7,404.8	1,699.0
1986	324.57	271.96	6,768.0	949.0
1987	618.35	299.26	17,963.8	3,625.0
1988	645.10	625.82	12,258.0	2,008.0
1989	805.87	553.09	22,561.1	14,529.0
1990	788.71	684.79	39,919.9	9,846.0
1991	830.86	704.33	37,081.3	12,367.0
1992	882.92	648.47	13,200.1	5,977.0
1993	1,028.76	919.68	19,844.3	2,740.0
1994	1,075.31	787.44	40,939.0	13,384.0
1995	1,162.33	620.54	25,415.0	6,819.0
1996	929.06	998.87	29,298.0	9,401.0
1997	1,064.45	772.37	33,956.0	14,027.0
1998	1,121.33	872.53	38,651.5	10,693.0
1999	1,091.71	877.77	51,973.0	17,623.0
2000	1,073.59	879.72	40,395.2	12,380.9
2001	1,097	942	47,247	14,564

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

Year	Egg take (millions)	Fry release (millions)	Total return (thousands)	Cost recovery (thousands)
1975	0.08	0.00	0.0	0.0
1976	0.35	0.07	0.0	0.0
1977	1.61	0.26	0.0	0.0
1978	1.68	1.06	0.5	0.0
1979	6.78	0.92	0.0	0.0
1980	26.85	3.34	1.6	0.0
1981	32.40	21.90	20.5	12.2
1982	46.13	23.59	22.1	0.4
1983	68.79	41.77	126.8	35.4
1984	122.17	54.78	1,001.4	437.0
1985	119.45	97.88	525.1	123.0
1986	181.45	100.49	779.6	189.0
1987	234.50	149.79	955.3	499.0
1988	369.61	186.05	1,835.2	470.0
1989	267.03	286.77	1,102.2	298.0
1990	425.41	216.86	1,632.5	370.0
1991	441.53	359.27	1,958.5	404.0
1992	495.36	394.26	3,078.6	706.0
1993	457.69	451.72	6,386.9	1,782.0
1994	520.12	402.22	8,783.1	2,128.0
1995	590.16	463.44	9,800.0	2,252.0
1996	651.22	533.69	16,204.7	4,782.0
1997	516.71	477.06	13,250.2	4,643.0
1998	512.54	478.80	13,423.3	4,355.5
1999	567.71	460.41	15,072.0	4,361.0
2000	572.21	507.69	18,698.1	6,060.4
2001	560	468	7,620	3,104

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

Year	Egg take (millions)	Fry release (millions)	Total return (thousands)	Cost recovery (thousands)
1975	0.01		0.0	
1976	0.02		0.0	
1977	0.01	0.00	0.0	
1978	0.81	0.00	0.0	
1979	0.93	0.00	0.0	
1980	0.67	0.56	0.0	
1981	2.80	0.90	52.1	6.1
1982	2.87	0.70	61.7	2.1
1983	6.20	1.57	71.8	7.4
1984	6.30	3.23	121.1	22.3
1985	4.10	4.22	168.4	29.5
1986	8.30	4.28	344.7	73.0
1987	9.28	5.44	169.1	58.3
1988	13.31	4.72	122.2	11.0
1989	13.74	9.04	305.0	88.7
1990	14.47	10.73	691.7	141.0
1991	16.12	11.50	1,001.3	368.0
1992	16.51	10.28	1,070.1	378.0
1993	19.15	11.10	657.2	144.0
1994	24.28	12.64	1,189.1	240.0
1995	21.54	13.87	966.2	319.0
1996	27.70	19.57	1,041.0	253.0
1997	25.93	18.04	921.0	258.0
1998	23.37	16.53	1,123.6	342.0
1999	20.47	17.73	1,452.4	372.0
2000	22.00	15.13	1,455.9	320.1
2001	23	17	1,561	433

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

Year	Egg take (millions)	Fry release (millions)	Total return (thousands)	Cost recovery (thousands)
1980	0.19			
1981	0.40			
1982	0.22	0.15	3.5	2.7
1983	0.80	0.14	0.9	0.0
1984	2.73	0.38	3.7	1.2
1985	6.18	0.72	8.2	2.0
1986	6.58	4.05	11.2	1.3
1987	4.55	5.94	8.6	2.2
1988	7.01	2.21	23.2	8.7
1989	7.33	3.27	36.6	17.8
1990	8.79	4.70	59.7	22.1
1991	10.00	3.90	69.9	25.7
1992	7.40	6.21	42.4	23.0
1993	4.90	6.92	53.8	25.7
1994	6.03	5.51	58.0	15.4
1995	6.26	3.60	98.0	28.4
1996	7.90	4.41	96.9	34.1
1997	7.81	4.52	85.0	31.9
1998	6.97	5.08	75.8	19.0
1999	7.11	5.29	76.8	16.4
2000	8.45	6.96	117.4	37.2
2001	10	7	130	49

Table 10(f). Summary of sockeye salmon production from PNP hatcheries in Alaska.

Year	Egg take (millions)	Fry release (millions)	Total return (thousands)	Cost recovery (thousands)
1985	0.31	0.00	0.0	0.0
1986	1.30	0.10	0.0	0.0
1987	1.57	0.75	0.0	0.0
1988	10.59	1.00	66.5	0.0
1989	14.74	8.03	39.8	78.7
1990	11.78	8.14	101.2	8.5
1991	27.48	8.07	153.6	5.0
1992	25.53	15.96	783.5	171.0
1993	102.72	37.06	838.8	156.0
1994	100.08	59.71	1,053.8	139.0
1995	96.65	72.31	1,313.4	136.0
1996	119.32	75.28	2,305.7	187.0
1997	97.99	76.53	2,417.0	392.0
1998	95.08	70.63	2,879.5	242.0
1999	90.54	66.52	2,566.0	236.0
2000	74.14	59.81	2,075.9	208.5
2001	89	39	3,327	248

Note: Includes only data from private nonprofit hatcheries; does not include federal or state hatchery data.

*Taking eggs at
Neets Bay
Hatchery*



Table 11. Alaska commercial salmon fishery harvest weights and prices, 2001.

Area/Species	Average Harvest	
	Weight (lb)	Price/lb.
Cook Inlet		
Chinook	17.9	1.02
Sockeye	5.6	0.65
Coho	6.5	0.30
Pink	3.1	0.14
Chum	7.5	0.40
Kodiak		
Chinook	13.9	0.59
Sockeye	5.5	0.66
Coho	7.8	0.20
Pink	3.4	0.09
Chum	8.2	0.27
Prince William Sound		
Chinook	20.5	3.64
Sockeye	6.1	1.20
Coho	9.0	0.30
Pink	3.5	0.12
Chum	7.5	0.40
Southeast		
Chinook	17.3	1.25
Sockeye	6.2	0.83
Coho	6.7	0.54
Pink	3.3	0.12
Chum	9.0	0.42

Data from Marianne McNair, ADF&G, as of 11/29/2001, based on total commercial fishery.

Table 12. Alaska state hatchery FY 01 operating budgets, in thousands of dollars.

Hatchery	FY 01	FY 01
	Authorized Total	Actual Total
Elmendorf Hatchery	\$ 657.00	\$ 699.60
Ft. Richardson Hatchery	\$1,379.80	\$1,380.00
Crystal Lake Hatchery	\$ 392.70	\$ 392.70

Data from Division of Sport Fish, Peggy Bray 1/2002

Table 13. Detailed return information, by species, to 2001 Alaska enhancement program projects.

13(a). Estimated pink salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast											
AKI	Port Armstrong	1,090,049						123,450	1,176,138	70,000	2,459,637
DIPAC	Macaulay (was Gastineau)	24,620			1,453			104,720			130,793
SJC	Indian River	50,092						3,601	5,948	2,974	62,615
Southeast Totals		1,164,761	0	0	1,453	0	0	231,771	1,182,086	72,974	2,653,045
Prince William Sound											
PWSAC	Armin F. Koernig	1,474,865	59,240					368,706	2,907,534		4,810,345
	Wally Noerenberg	1,584,138	334,797					325,003	4,937,139		7,181,077
	Cannery Creek	567,445	26,620					428,859	1,098,381		2,121,305
VFDA	Solomon Gulch	11,458,958			125,000		203,327	321,530	4,017,730		16,126,545
Prince William Sound Totals		15,085,406	420,657	0	125,000	0	203,327	1,444,098	12,960,784	0	30,239,272
Cook Inlet											
PGHC	Port Graham						15,631	19,142			34,773
CIAA	Tutka	102,314	6,421		2,000			179,006	421,530	4,451	715,722
Cook Inlet Totals		102,314	6,421	0	2,000	0	15,631	198,148	421,530	4,451	750,495
Kodiak											
KRAA	Kitoi Bay	13,272,127						286,927		45,000	13,604,054
Kodiak Totals		13,272,127	0	0	0	0	0	286,927	0	45,000	13,604,054
Statewide Totals		29,624,608	427,078	0	128,453	0	218,958	2,160,944	14,564,400	122,425	47,246,866

Kitoi "other" = assumed bear/seal predation

Solomon Gulch "other"= excess fish

13(b). Estimated chum salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Harvest	Escapement	Total
Southeast											
SSRAA	Whitman Lake										0
	Nakat Inlet – summer	44,400	85,800								130,200
	Nakat Inlet- Fall	10,513									10,513
	Earl West Cove – summer	37,137	88,587								125,724
	Kendrick Bay – summer	81,100	11,900								93,000
NSRAA	Neets Bay – summer	238,000	91,000	166,700			154,000	64,877	671,275		1,385,852
	Neets Bay – fall	40,151	13,965				19,000	33,599	264,261		370,976
	Medvejie Creek	388,975	267,158	188,700			5,160	33,219	135,856	1,300	1,020,368
	Hidden Falls	1,098,333		78,686			13,218	101,409	289,901		1,581,547
	Haines projects		4,429					463		3,062	7,954
DIPAC	Sheep Creek		29,701					25,600			55,301
	Macaulay (was Gastineau)		86,452		1,176			85,619			173,247
	Amalga		219,987	1,285					540,124		761,396
	Limestone Inlet		97,054								97,054
KNFC	Boat Harbor		84,005								84,005
	Gunnuk Creek	9,396		500	150		7,965	51,448	22,904	2,066	94,429
SJC	Southeast Cove	25,456		500			2,000		226,615		254,571
	Indian River	2,775						1,165	176	524	4,640
MIC	Tamgas Creek		1,000					547			1,547
Southeast Totals		1,976,236	1,081,038	436,371	1,326	0	201,343	397,946	2,151,112	6,952	6,252,324
Prince William Sound											
PWSAC	Wally Noerenberg	3,797	886,145					171,046	949,290		2,010,278
	Pt. Chalmers	440,690									440,690
	Armin F. Koernig	216,206							3,593		219,799
Prince William Sound Totals		660,693	886,145	0	0	0	0	171,046	952,883	0	2,670,767
Kodiak											
KRAA	Kitoi Bay	216,625						24,183		3,500	244,308
Kodiak Totals		216,625	0	0	0	0	0	24,183	0	3,500	244,308
Statewide Totals		2,853,554	1,967,183	436,371	1,326	0	201,343	593,175	3,103,995	10,452	9,167,399

Neets Bay "other"=barrier net failure + excess fish

13(c). Estimated coho salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Harvest	Escapement	Total
Southeast											
SSRAA	Whitman Lake	2,078	4,598	8,592	1,189		2,721	2,779			21,957
	Earl West Cove	348	4,664	7,358	367						12,737
	Nakat	1,529	4,488	6,662	848						13,527
	Neets Bay	17,700	44,336	99,015	12,604		19,459		67,385		260,499
	Burnett Inlet (SSRAA)	2,600	6,400	2,321	300		4,000	3,028	4,700		23,349
NSRAA	Neck Lake	8,487	14,883	8,150					46,692		78,212
	Crystal Lake Hatchery	235	130	1,716			2,235	203			4,519
	Medvejie Creek	40		3,030	589		113	298			4,070
	Deer Lake	3,542		32,480	2,872		2,740		47,245		88,879
	Hidden Falls	15,258	657	70,680	5,594		24,022	1,726	87,675		205,612
AKI	Port Armstrong	6,720	110	77,653	3,438		23,601	2,695	91,092	2,000	207,309
	Gunnuk Creek		6	36				5		37	84
DIPAC	Macaulay (was Gastineau)	1,071	2,511	22,973	6,495		2,758	1,186	46,447		83,441
	Sheep Creek	120	320	1,923							2,363
KTHC	Deer Mountain	2,152	1,216	774	905		567	342		500	6,456
SJC	Indian River				7		1	7			15
	Burro Creek	9	46		81						136
POWHA	Klawock Hatchery	5,194	27	13,672	3,783		952	2,211	14,187	4,858	44,884
MIC	Tamgas Creek	5,938	31,500	17,001	1,780			1,641	30,000		87,860
Fed	Auke Bay			27							27
Southeast Totals		73,021	115,892	374,063	40,852	0	83,169	16,121	435,423	7,395	1,145,936
Prince William Sound											
PWSAC	Wally Noerenberg		2,165	323	500		1,000	2,277			6,265
	Cordova/Whittier/Chenega				6,300						6,300
VFDA	Solomon Gulch	147,000			135,000	3,854		1,578	25,595	200	313,227
Prince William Sound Totals		147,000	2,165	323	141,800	3,854	1,000	3,855	25,595	200	325,792
Cook Inlet											
CIAA ADF&G	Trail Lakes				1,000		120	644	1,754	495	4,013
	Ft Richardardson										0
	Bear L				25,496			155			25,651
	Landlocked				35,263						35,263
	Ship Creek		6,439		20,636			466		3,656	31,197
	Jim Cr				1,981			78			2,059
Cook Inlet Totals		0	6,439	0	84,376	0	120	1,343	1,754	4,151	98,183
Kodiak											
KRAA	Kitoi Bay	151,732			160		8,000	2,575		500	162,967
	Pillar Creek- road system				1,000		9,574	60			10,634
Kodiak Totals		151,732	0	0	1,160	0	17,574	2,635	0	500	173,601
Statewide Totals		371,753	124,496	374,386	268,188	3,854	101,863	23,954	462,772	12,246	1,743,512

Port Armstrong "other"=jacks

13(d). Estimated chinook salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Harvest	Escapement	Total
Southeast											
SSRAA	Whitman Lake		608	3,839	3,163		6,069	804	5,559		20,042
	Earl West Cove	4,271	6,082	735	336						11,424
	Neets Bay		129	296	117				1,270		1,812
	Neets Bay/Crystal Lake Coop		142	1,575	1,048				8,398		11,163
ADF&G	Crystal Lake Hatchery	274		1,052	5,261		1,365	1,921			9,873
NSRAA	Medvejie Creek			7,086	2,296		2,791	1,608	19,664		33,445
	Hidden Falls	7,472	309	6,662	502		1,967	1,211	14,077		32,200
BCF	Burro Creek		17	14	100		32		91		254
DIPAC	Macaulay (was Gastineau)	294	1,008	1,070	2,771		1,185	1,422			7,750
KTHC	Deer Mountain Hatchery			308	427		93	70		600	1,498
SJC	Indian River			30	9		2	18			59
MIC	Tamgas Creek	173	3,550	655	727			216	15,965		21,286
Federal	Little Port Walter	128	2	707	81		275	1,247			2,440
Southeast Totals		12,612	11,847	24,029	16,838	0	13,779	8,517	65,024	600	153,246
Prince William Sound											
PWSAC	Wally Noerenberg										0
	Chenega/Cordova				860						860
Prince William Sound Totals		0	0	0	860	0	0	0	0	0	860
Cook Inlet											
ADF&G	Elmendorf										0
	Ship Creek				4,013			257		500	4,770
	Crooked Creek				7,170			134		2,000	9,304
	Deception Cr				4,331						4,331
	Ft. Richardson										0
	Deception Creek				3,478			230		4,000	7,708
	Ninilchik River				1,080			217		672	1,969
Cook Inlet Totals		0	0	0	20,072	0	0	838	0	7,172	28,082
Statewide Totals		12,612	11,847	24,029	37,770	0	13,779	9,355	65,024	7,772	182,188

13(e). Estimated sockeye salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.

15(c). Estimated sockeye salmon returns to Alaska hatcheries in 2001, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast											
SSRAA	Burnett Inlet – Hugh Smith L	5,406	5,857					292		3,533	15,088
SSRAA/ADF&G	McDonald Lake	89,380	17,983		200	7,907		294		42,768	158,532
POWHA	Klawock Hatchery			65			829	387		6,914	8,195
DIPAC	Snettisham – Gilbert Bay	43,921	90,137	458			32,441	4,695	129,342		300,994
	Sweetheart	296	799		1,214						2,309
	Chilkat L Coop		3,532				5,299				8,831
	Stikine		12,753				7,046				19,799
	Taku	984	9,044	22			1,770				11,820
Southeast Totals		139,987	140,105	545	1,414	7,907	47,385	5,668	129,342	53,215	525,568
Prince William Sound											
PWSAC	Main Bay-Eyak	55	40,944			500					41,499
	Eshamy	94,797	635,088		3,000			10,508	50,458		793,851
	Solf L					400					400
	Gulkana I and II		28,000		467	4,197		11,925		2,075	46,664
	Crosswind L		121,148		2,019	18,172		4,169		56,405	201,913
	Summit L		2,092			349				1,046	3,487
Prince William Sound Totals		94,852	827,272	0	5,486	23,618	0	26,602	50,458	59,526	1,087,814
Cook Inlet											
PGHC	Port Graham					3,500				10,146	13,646
CIAA	Tutka	250	250				30		5	150	685
	Trail Lakes – Bear Creek	2,629			1,500		505	8,606	398	4,195	17,833
	Hidden L		76,217		14,978	9,986		1,034	688	41,428	144,331
	Tustumena		435,817			57,623		8,161		289,964	791,565
	Meadow Creek		31,119			4,320		4,383		38,786	78,608
	Grouse/Salmon Creek				200		200		10,876		11,276
	Kirschner Lake	10,156							28,782		38,938
	Leisure/Hazel L	99,871			650	4,900	57		27,037		132,515
Cook Inlet Totals		112,906	543,403	0	17,328	80,329	792	22,184	67,786	384,669	1,229,397
Kodiak											
KRAA	Kitoi Bay	49,290			250						49,540
	Pillar Creek- L Kitoi	24,000			30						24,030
	Duck Bay/Ruth L	3,000									3,000
	Crescent L	3,722				1,200					4,922
	Afognak							290		24,271	24,561
	Hidden L/Foul Bay	30,000									30,000
	Malina L	4,000								22,500	26,500
	Paul's Basin	400								23,000	23,400
	Spiridon Lake	88,000	59,000				2,000				149,000
	L Waterfall L	16,000									16,000
	Frazer Lake Fishpass	41,575	92,540								134,115
Kodiak Totals		259,987	151,540	0	280	1,200	2,000	290	0	69,771	485,068
Statewide Totals		607,732	1,662,320	545	24,508	113,054	50,177	54,744	247,586	567,181	3,327,847

Gulkana "other" = excess fish; killed and placed in stream to decompose.

Table 13(f). Estimated "other" enhanced fish returns to Alaska hatcheries in 2001.

Region/Operator/Location			Species	Commercial	Sport Catch	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast											
DMTH	Deer Mountain		steelhead					10		14	24
LPW	Little Port Walter		steelhead								0
Southeast Totals				0	0	0	0	10	0	14	24
Cook Inlet											
ADF&G	Ft. Richardson/Statewide lakes		Arctic char		0						0
			Arctic grayling		3,621						3,621
			Lake trout		5,093						5,093
			rainbow trout		101,029						101,029
Cook Inlet Totals				0	109,743	0	0	0	0	0	109,743
Statewide Totals				0	109,743	0	0	10	0	14	109,767

See Table 16 for listing of acronyms used throughout this report.



Cleaning incubators at Cannery Creek



Feed lines at Solomon Gulch

Table 14. Summary of fishery resource-permitted salmon production in Alaska for 2001.

Region/Permittee	Species	Maximum Number to be Released
Southeast		
Dzantiki heeni Middle School (Juneau)	COHO	500
Juneau Center for Fisheries & Ocean Sciences	COHO	123,000
Juneau-Douglas High School	COHO	3,000
Klawock School	COHO	500
Petersburg High School	PINK	50,000
Point Higgins Elementary School (Ketchikan)	COHO	500
Skagway School	PINK, COHO, CHINOOK	30,000, 12,000 & 20,000
USDA Forest Service	COHO	90,000
Verstovia Elementary (Sitka)	CHUM	300
White Cliff Elementary (Ketchikan)	COHO	250
Yakutat Elementary School	COHO	500
Southcentral		
Abbott Loop Elementary (Anchorage)	COHO	500
Alpenglow Elementary (Eagle River)	COHO	500
Anchorage Montessori School	COHO	500
Aquarian Charter (Anchorage)	COHO	500
Aurora Elementary (Elmendorf AFB)	COHO	500
Baxter Elementary School (Anchorage)	COHO	500
Bayshore Elementary (Anchorage)	COHO	500
Bear Valley Elementary (Anchorage)	COHO	500
Butte Elementary School (Palmer)	COHO	500
Central Middle School (Anchorage)	COHO	500
Chapman School (Anchor Point)	COHO	500
Chester Valley Elementary	COHO	500
Chinook Elementary	COHO	500
Chugiak High School (Eagle River)	COHO	500
College Gate Elementary (Anchorage)	COHO	500
Colony Middle School (Palmer)	COHO	500
Cooper Landing Elementary	COHO	500
Creskide Elementary (Anchorage)	COHO	500
Denali Elementary (Anchorage)	COHO	500
Eagle River Elementary	COHO	500
East High School	COHO	500
Fairview Elementary (Anchorage)	COHO	500
Family Partnership Charter School (Anchorage)	COHO	500
Finger Lake Elementary (Palmer)	COHO	500
Girdwood School	COHO	500
Gladys Wood Elementary (Anchorage)	COHO	500
Goldenvue Middle School (Anchorage)	COHO	500
Goose Bay Elementary (Palmer)	COHO	500
Homer High School	COHO	500
Homestead Elementary (Eagle River)	COHO	500
Huffman Elementary (Anchorage)	COHO	500
Idea Families Homeschool (Anchorage)	COHO	500
Inlet View Elementary (Anchorage)	COHO	500
Kalifornsky Beach Elementary (Soldotna)	COHO	500
Kasuun Elementary (Anchorage)	COHO	500
King Career Center (Anchorage)	COHO	500
Klatt Elementary (Anchorage)	COHO	500
Lake Hood Elementary (Anchorage)	COHO	500
Meadow Lakes Elementary (Wasilla)	COHO	500
Midnight Sun Family Learning Center (Wasilla)	COHO	500
Mirror Lake Middle School (Chugiak)	COHO	500
Mountain View Elementary (Anchorage)	COHO	500
Mt. Iliamna Elementary (Elmendorf AFB)	COHO	500
Mt. View Elementary (Kenai)	COHO	500
Muldoon Elementary	COHO	500
Nanwalek Elem/High School	COHO	500
Nikiski Elementary	COHO	250
Ninilchik School	COHO	500
Northern Lights ABC (Anchorage)	COHO	500
Nunaka Valley Elementary (Anchorage)	COHO	500
Ocean View Elementary (Anchorage)	COHO	500
O'Malley School (Anchorage)	COHO	500
Orion Elementary (Elmendorf AFB)	COHO	500
Palmer Junior Middle School	COHO	500
Pioneer Peak Elementary School (Palmer)	COHO	500
Polaris K-12 School (Anchorage)	COHO	500
Puffin Heights School (Anchorage)	COHO	500
Rabbit Creek Elementary (Anchorage)	COHO	500

Table 14. Continued.

Region/Permittee		Species	Maximum Number to be Released
	Redoubt Elementary (Soldotna)	COHO	500
	Russian Jack Elementary (Anchorage)	COHO	500
	Rogers Park Elementary (Anchorage)	COHO	500
	SAVE High School (Anchorage)	COHO	500
	Scenic Park Elementary (Anchorage)	COHO	500
	Sears Elementary (Kenai)	COHO	500
	Sherrod Elementary (Palmer)	COHO	500
	Service High School	COHO	500
	St. Elizabeth Ann Seton (Anchorage)	COHO	500
	Sterling Elementary	COHO	500
	Susitna Elementary (Anchorage)	COHO	500
	Swanson Elementary (Palmer)	COHO	500
	Taku Elementary (Anchorage)	COHO	500
	Tannaina Elementary (Wasilla)	COHO	500
	Teeland Middle School	COHO	500
	Trailside Elementary School (Eagle River)	COHO	500
	Tudor Elementary (Anchorage)	COHO	500
	Turnagain Elementary (Anchorage)	COHO	500
	Tustumena Elementary (Kasilof)	COHO	500
	UAK Cooperative Extension Service (Palmer)	COHO	500
	Ursa Minor Elementary	COHO	500
	Valley Pathways School (Palmer)	COHO	500
	Williwaw Elementary	COHO	500
	Wasilla Middle School	COHO	500
	Willow Crest Elementary (Anchorage)	COHO	500
	Willow Elementary School (Willow)	COHO	500
Interior			
	Anderson School	COHO	500
	Arctic Light Elementary (Ft. Wainright)	COHO	500
	Crawford Elementary (Fairbanks)	COHO	500
	Delta Junction High School	COHO	500
	Joy Elementary (Fairbanks)	COHO	500
	Katie John School (Mentasta Lake)	COHO	500
	Nordale Elementary (Fairbanks)	COHO	500
	Pearl Creek Elementary (Fairbanks)	COHO	500
	Tanana City School (Tanana)	COHO	500
	Tok School	COHO	500
	Tri-Valley School (Healy)	COHO	500
	Whitestone Training Center (Delta Junction)	COHO	500
	Woodriver Elementary (Fairbanks)	COHO	500
Western			
	Chiniak School	COHO	500
	East Elementary School (Kodiak)	COHO	500
	Kodiak High School	COHO	500
	Main Elementary	COHO	500
	North Star Elementary	COHO	500
	Perryville School	COHO	500
	Peterson Elementary School (Kodiak)	COHO	500
	Sand Point School	COHO	35,000
	Old Harbor School	COHO	500
Arctic-Yukon-Kuskokwim			
	Aggaluk High School (Noorvik)	COHO	500
	Circle School	COHO	500
	Chaputnguak School (Chefornak)	COHO	500
	Deering School	CHUM	500
	Far North School (Central)	COHO	500
	Holy Cross School	COHO	500
	Kaltag School	COHO	500
	Ket'acik and Aapulluk Memorial School (Kwethluk)	COHO	500
	Napaagtuqmiut School (Noatak)	COHO	500
	Nome-Beltz High School	COHO	5,000
	Nuiqsut Trapper School	COHO	250
	Project Education Residential School (Galena)	COHO	500
	Quinhagak School	COHO	500
	Rocky Mountain School (Goodnews Bay)	COHO	500

Table 15. Detailed return information, by species, to 2000 Alaska enhancement program projects.

15(a). Updated pink salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast											
AKI	Port Armstrong	100,000						94,979	39,639	70,000	304,618
DIPAC	Gastineau	2,500	20,000	500	2,387			21,513	93,611		140,511
SJC	Indian River	68,040						3,160	114,460		185,660
LPW	Little Port Walter						100				100
Southeast Totals		170,540	20,000	500	2,387	0	100	119,652	247,710	70,000	630,889
Prince William Sound											
PWSAC	Armin F. Koernig	4,646,469						235,813	2,023,233		6,905,515
	Wally Noerenberg	4,980,503						255,851	3,459,414		8,695,768
	Cannery Creek	4,688,206						280,811	1,537,713		6,506,730
VFDA	Solomon Gulch	7,635,581			125,000		205,530	304,869	4,069,151	10,535	12,350,666
Prince William Sound Totals		21,950,759	0	0	125,000	0	205,530	1,077,344	11,089,511	10,535	34,458,679
Cook Inlet											
PGHC	Port Graham							89,838			89,838
CIAA	Tutka	60	8,520		2,000			179,970	1,043,705	19,048	1,253,303
Cook Inlet Totals		60	8,520	0	2,000	0	0	269,808	1,043,705	19,048	1,343,141
Kodiak											
KRAA	Kitoi Bay	3,659,698					27,000	270,836		5,000	3,962,534
Kodiak Totals		3,659,698	0	0	0	0	27,000	270,836	0	5,000	3,962,534
Statewide Totals		25,781,057	28,520	500	129,387	0	232,630	1,737,640	12,380,926	104,583	40,395,243

Kitoi "other" = assumed bear/seal predation

Solomon Gulch "other"= excess fish

15(b). Updated chum salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast											
SSRAA	Whitman Lake										0
	Nakat Inlet – summer	56,584	58,425								115,009
	Earl West Cove – summer	58,761	64,162								122,923
	Kendrick Bay – summer	190,301	19,599								209,900
	Neets Bay – summer	374,854	85,616				413,763	90,212	1,442,273		2,406,718
	Neets Bay – fall	1,882	1,105				13,763	14,202	155,877		186,829
	Nakat-Inlet- fall	20,628	1,228								21,856
NSRAA	Medvejie Creek	2,159,519	619,501	449,625			3,574	22,902	314,588	2,000	3,571,709
	Hidden Falls	2,740,582					7,918	83,399	271,808		3,103,707
	Haines projects		2,460					1,407		11,086	14,953
AAI	Burnett Inlet		11,000						11,222		22,222
	Anita Bay	5,176	7,641						7,351		20,168
DIPAC	Sheep Creek		207,758					22,430	220,673		450,861
	Gastineau		160,434		1,518			56,766	130,962		349,680
	Amalga		376,496	1,456					1,342,803		1,720,755
	Limestone Inlet		276,487								276,487
	Boat Harbor		226,317								226,317
KNFC	Gunnuk Creek	62,175		500	200		7,495	99,604	64,565	14,880	249,419
	Southeast Cove	122,150		500			2,000		364,488		489,138
SJC	Indian River	19,626						3,185	10,354		33,165
MIC	Tamgas Creek							250			250
Southeast Totals		5,812,238	2,118,229	452,081	1,718	0	448,513	394,357	4,336,964	27,966	13,592,066
Prince William Sound											
PWSAC	Wally Noerenberg	1,265	1,554,353					93,412	1,722,790		3,371,820
	Pt. Chalmers	992,253									992,253
	Armin F. Koernig	419,600							606		420,206
Prince William Sound Totals		1,413,118	1,554,353	0	0	0	0	93,412	1,723,396	0	4,784,279
Kodiak											
KRAA	Kitoi Bay	303,783					5,000	22,431		7,000	338,214
Kodiak Totals		303,783	0	0	0	0	5,000	22,431	0	7,000	338,214
Statewide Totals		7,529,139	3,672,582	452,081	1,718	0	453,513	510,200	6,060,360	34,966	18,714,559

Neets Bay "other"=barrier net failure + excess fish

15(c). Updated coho salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast											
SSRAA	Whitman Lake	369	1,627	8,031	918		2,776	1,811			15,532
	Earl West Cove	104	4,009	3,779	215						8,107
	Nakat	1,099	4,579	4,500	497						10,675
	Neets Bay	2,675	17,233	70,328	10,978		282		57,429		158,925
	Burnett Inlet (SSRAA)	451	782	183	32		200	1,406			3,054
	Neck Lake	1,206	28,663	4,178	500			625	24,942		60,114
	Crystal Lake Hatchery	14	37	348	7		1,828	187			2,421
	Medvejie Creek	32	1	609	142		9	388			1,181
	Deer Lake			7,536	776		312		10,057		18,681
	Hidden Falls	8,077	39	56,423	3,473		3,864	3,829	94,974		170,679
AKI	Port Armstrong	56		7,095	326		20,000	1,500	15,613		44,590
DIPAC	Gastineau	1,856	3,010	23,404	12,605		1,431	2,535	44,933		89,774
	Sheep Creek	841	212	1,133	115						2,301
KTHC	Deer Mountain	1,116	1,042	526	211	200	705	107		250	4,157
	Ward Lake	165	523	256	101			1,500			2,545
SJC	Indian River			542			12	30			584
POWHA	Klawock Hatchery	3,752	197	29,203	6,918		3,548	1,177	17,936	9,513	72,244
MIC	Tamgas Creek	4,649	11,000	22,589	1,437	2,500		3,000	24,000		69,175
Fed	Auke Bay		5	57	23						85
Southeast Totals		26,462	72,959	240,720	39,274	2,700	34,967	18,095	289,884	9,763	734,824
Prince William Sound											
PWSAC	Wally Noerenberg	29,467	81,789			5,000		2,551			118,807
	Cordova/Whittier				34,071						34,071
VFDA	Solomon Gulch	342,490			100,000	3,800		1,625	24,887		472,802
Prince William Sound Totals		371,957	81,789	0	134,071	8,800	0	4,176	24,887	0	625,680
Cook Inlet											
CIAA	Trail Lakes				2,900	100	300	721	5,370	431	9,822
ADF&G	Elmendorf		3,000		48,000	2,035		255			53,290
	Ft Richardardson										0
	Landlocked				36,971						36,971
	Ship Creek		6,900		23,154			305		4,714	35,073
	Jim Cr				5,053			82			5,135
Cook Inlet Totals		0	9,900	0	116,078	2,135	300	1,363	5,370	5,145	140,291
Kodiak											
KRAA	Kitoi Bay	133,238			500	2,150	8,300	1,658			145,846
	Pillar Creek- road system				1,000			60		9,574	10,634
Kodiak Totals		133,238	0	0	1,500	2,150	8,300	1,718	0	9,574	156,480
Statewide Totals		531,657	164,648	240,720	290,923	15,785	43,567	25,352	320,141	24,482	1,657,275

Port Armstrong "other"-jacks

15(d). Updated chinook salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.

Common Property Harvest											
Region/Operator/Location		Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast											
SSRAA	Whitman Lake	6	490	3,316	4,000		7,689	611	278		16,390
	Earl West Cove	1,816	8,698	644	218						11,376
	Neets Bay		95	373					686		1,154
	Neets Bay/Crystal Lake Coop	11	132	1,246	276						1,665
ADF&G	Crystal Lake Hatchery		245	2,450	2,723		2,940	1,374			9,732
NSRAA	Medvejie Creek	179		5,702	1,074		3,320	1,214	17,589		29,078
	Hidden Falls	14,955	334	9,442	788		2,089	1,237	8,607		37,452
BCF	Burro Creek										0
DIPAC	Gastineau	75	466	635	2,469		67	811			4,523
KTHC	Deer Mountain Hatchery		54	295	431		405	70		350	1,605
SJC	Indian River			105			34	14			153
MIC	Tamgas Creek	2,000	1,123	1,313	471	2,438		300	10,041		17,686
Federal	Little Port Walter	141	35	1,238	106		1,400				2,920
Southeast Totals		19,183	11,672	26,759	12,556	2,438	17,944	5,631	37,201	350	133,734
Prince William Sound											
PWSAC	Wally Noerenberg										0
	Chenega/Cordova				1,730						1,730
Prince William Sound Totals		0	0	0	1,730	0	0	0	0	0	1,730
Cook Inlet											
ADF&G	Elmendorf										0
	Ninilchik River		726		1,016						1,742
	Ship Creek				4,593			328		478	5,399
	Crooked Creek				11,913	648		444		3,215	16,220
	Deception Cr				2,655						2,655
	Homer Spit				2,000						2,100
	Ft. Richardson					100					0
	Deception Creek				3,782			127		4,164	8,073
	Ninilchik River				869			357		672	1,898
Cook Inlet Totals		0	726	0	26,828	748	0	1,256	0	8,529	38,087
Statewide Totals		19,183	12,398	26,759	41,114	3,186	17,944	6,887	37,201	8,879	173,551

15(e). Updated sockeye salmon returns to Alaska hatcheries in 2000, including common property harvests, as reported by operators.

Common Property Harvest										
Region/Operator/Location	Seine	Gillnet	Troll	Sport	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast										
SSRAA Burnett Inlet – Virginia L	1,101	3,492			250				2,390	7,233
Hugh Smith Lake	3,055	3,309					280		4,001	10,645
Salmon Lake	6,503	7,186		555	500				9,103	23,847
SSRAA/ADF&G McDonald Lake	63,645	14,674		200	7,000		300		90,623	176,442
POWHA Klawock Hatchery							250	9,428		9,678
MIC Tamgas Creek							60			60
DIPAC Snettisham – Gilbert Bay	975	40,471	259	200		11,191	4,800	104,430		162,326
Sweetheart	137	1,440			3,500			13		5,090
Chilkat L Coop	3,252								4,879	8,131
Stikine		24,956	3							24,959
Taku	3	2,050	5							2,058
Southeast Totals	78,671	97,578	267	955	11,250	11,191	5,690	113,871	110,996	430,469
Prince William Sound										
PWSAC Main Bay-Eyak		15,537								15,537
Coghill				360			5,426			5,786
Eshamy		323,768		2,000						325,768
Solf L					200					200
Gulkana I and II		22,852		375	3,427		9,699		1,725	38,078
Crosswind L		125,760		2,100	18,860	37,681			25,200	209,601
Summit L		2,160		40	320				1,080	3,600
Prince William Sound Totals	0	490,077	0	4,875	22,807	37,681	15,125	0	28,005	598,570
Cook Inlet										
PGHC Port Graham		2,500			2,500		1,376		11,237	17,613
CIAA Eklutna		4,500				1,000		2,623		8,123
Tutka						1,841		916		2,757
Trail Lakes – Bear Creek	18,302			100		500	3,438	1,695	8,463	32,498
Hidden L		27,436		3,825	5,475		1,342	770	33,318	72,166
Chenik Lake									4,800	4,800
Tustumena		41,655			6,653		8,717		36,945	93,970
Meadow Creek		11,950		125	1,500		2,808		8,363	24,746
Paint R/Bruin/Ursus						170				170
Packer's Creek		20,100		375				6,691	16,613	43,779
Grouse/Salmon Creek				200		2,200		42,950		45,350
Kirschner Lake	10,236							21,391		31,627
Leisure/Hazel L	79,470			650	4,900	256		17,630		102,906
Cook Inlet Totals	108,008	108,141	0	5,275	21,028	5,967	17,681	94,666	119,739	480,505
Kodiak										
KRAA Kitoi Bay	52,783			300						53,083
Pillar Creek- L Kitoi	9,600			30						9,630
Duck Bay/Ruth L	3,000									3,000
Afognak	14,100						1,416		54,100	69,616
Hidden L/Foul Bay	26,600									26,600
Malina L	10,900								21,000	31,900
Paul's Basin	400								27,400	27,800
Spiridon Lake	120,000	80,000				2,000				202,000
L Waterfall L	8,600									8,600
Frazer Lake Fishpass	41,575	92,540								134,115
Kodiak Totals	287,558	172,540	0	330	0	2,000	1,416	0	102,500	566,344
Statewide Totals	474,237	868,336	267	11,435	55,085	56,839	39,912	208,537	361,240	2,075,888

Gulkana "other" = excess fish; killed and placed in stream to decompose.

Table 15(f). Updated "other" enhanced fish returns to Alaska hatcheries in 2000.

Region/Operator/Location			Species	Commercial	Sport Catch	Personal Use/ Subsistence	Other	Brood	Cost Recovery Harvest	Escapement	Total
Southeast											
DMTH	Deer Mountain		steelhead					14		11	25
LPW	Little Port Walter		steelhead				40				40
Southeast Totals				0	0	0	40	14	0	11	65
Cook Inlet											
ADF&G	Ft. Richardson/Statewide lakes		Arctic char		9,885			146			10,031
			Arctic grayling		3,772						3,772
			Lake trout		1,760						1,760
			rainbow trout		116,747						116,747
Cook Inlet Totals				0	132,164	0	0	146	0	0	132,310
Statewide Totals				0	132,164	0	40	160	0	11	132,375

See Table 16 for listing of acronyms used throughout this report.



Moving fry at Gulkana Hatchery



Assembling incubators at AFK Hatchery

Table 16. 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.
CIAA	Cook Inlet Aquaculture Association
COOP	Cooperative projects between state and PNP operators
DCED	Department of Commerce and Economic Development
DIPAC	Douglas Island Pink and Chum, Inc.
DMTH	Deer Mountain Tribal Hatchery
FRED	Fisheries Rehabilitation, Enhancement and Development Division
KNFC	Kake Nonprofit Fisheries Corporation
KRAA	Kodiak Regional Aquaculture Association
MCAA	Meyers Chuck Aquaculture Association
MIC	Metlakatla Indian Community
NMFS	National Marine Fisheries Service
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



Incubation box at Gulkana Hatchery.

Table 17. Alaska salmon hatchery contact list

updated: 4/27/2002 12:48

Alaska Department of Fish and Game// Division of Commercial Fisheries

Contact: Steve McGee (907)465-6152 PNP Program Coordinator

list only includes actively operated hatcheries

Initials	Address	City, State, Zip	Office phone	Fax phone	Active Hatcheries*	Hatchery Manager	Director	Email	
<u>Southeast</u>									
R	SSRAA	2721 Tongass Ave	Ketchikan, AK 99901	(907) 225-9605	(907) 225-1348	Whitman Lake Neets Bay Burnett Inlet Crystal Lake*	Jay Creasy Bill Gass Jim Murphy Loren Thompson	John Burke John Burke John Burke John Burke	ssraa@ptialaska.net neetsbay@starband.net crstlk@mitkof.net
R	NSRAA	1308 Sawmill Creek Rd	Sitka, AK 99835	(907)772-4772 (907) 747-6850	(907) 747-1470	Medvejie Creek Hidden Falls* Haines Projects	Jim Seeland Jack Christiansen Lee Close	Pete Esquiro Pete Esquiro Pete Esquiro	 nsraa@nsraa.org <

Table 17. Continued.

updated: 4/27/2002 12:48

Alaska Department of Fish and Game// Division of Commercial Fisheries

Contact: Steve McGee (907)465-6152 PNP Program Coordinator

Initials	Corporate name	Active Hatcheries*	Permit #	PNP permit issued	Species reared	Web Site
<u>Southeast</u>						
SSRAA	Southern Southeast Regional Aquaculture Association	Whitman Lake	8	3/9/78	chum, coho, chinook	home.att.net/~ssraa/
		Neets Bay	19	6/17/83	chum, coho, chinook	
		Burnett Inlet	40	9/30/97	sockeye, coho	
		Crystal Lake*			chinook, coho	
NSRAA	Northern Southeast Regional Aquaculture Association	Medvejie Creek	16	8/17/81	chum, coho, chinook, pink	www.nsraa.org
		Hidden Falls*	28	6/22/88	chum, chinook, coho	
		Haines Projects	34	4/29/92	chum, sockeye	
DIPAC	Douglas Island Pink and Chum, Inc	Sheep Creek	11	9/19/79	chum, pink, coho	www.dipac.net
		Gastineau	25	6/3/87	chum, pink, coho, chinook	
		Snettisham*	39	7/15/96	sockeye	
POWHA	Prince of Wales Hatchery Association	Prince of Wales*	38	2/19/96	coho, sockeye, chinook, steelhead	
SJC	Sheldon Jackson College	Sheldon Jackson	3	4/29/75	pink, chum, coho, chinook, steelhead	
KNFC	Kake Nonprofit Fisheries Corporation	Gunnuk Creek	7	4/1/77	pink, chum, coho	
BCF	Burro Creek Farms	Burro Creek	12	5/23/80	pink, chum, coho, chinook	
AKI	Armstrong-Keta, Inc.	Port Armstrong	13	2/23/81	pink, chinook, coho	
KTHC	Ketchikan Tribal Hatchery Corporation	Deer Mountain	37	6/22/94	chinook, coho, steelhead, rainbow	
NMFS	National Marine Fisheries Service	Auke Bay			chinook, pink, steelhead	
		Little Port Walter			chum, coho, chinook, sockeye	
MIC	Tamgas Creek Hatchery	Tamgas Creek				
<u>Prince William Sound</u>						
PWSAC	Prince William Sound Aquaculture Association	AF Koernig	2	9/29/75	pink	www.ctcak.net/~pwsac/
		W Noerenberg	20	6/17/83	pink, chum, chinook, coho	
		Main Bay*			sockeye	
		Gulkana*			sockeye	
		Cannery Creek*	26	6/22/88	pink	
VFDA	Valdez Fisheries Development Association	Solomon Gulch	15	6/26/81	pink, coho, chinook	
<u>Cook Inlet</u>						
CIAA	Cook Inlet Aquaculture Association	Trail Lakes*	27	6/22/88	sockeye, coho, chinook	www.ciaanet.org
		Tutka*	32	1/3/94	pink, sockeye	
PGH	Port Graham Hatchery Corporation	Port Graham	33	8/3/92	pink, sockeye, coho	
ADFG	Alaska Department of Fish and Game	Elmendorf			chinook, coho	www.state.ak.us/adfg/adfg/home.htm
		Ft Richardson			chinook, coho, char, grayling, lake & rainbow trout	
<u>Kodiak</u>						
KRAA	Kodiak Regional Aquaculture Association	Pillar Creek*	41	5/1/98	sockeye, coho, chinook	www.ptialaska.net/~kraa07/index.html
		Kitoi Bay*	29	7/5/88	pink, chum, coho, sockeye	
Codes: *= state owned hatchery contracted to private operator						

Table 18. Permitted capacity of Alaskan private nonprofit hatcheries in 2001, in millions of eggs.

Region/Operator/Location			Pink	Chum	Combined Pink & Chum	Coho	Chinook	Sockeye	Other	Total
Southeast										
SSRAA	Whitman Lake			43.80		3.40	1.50			48.70
	Neets Bay			72.00		5.00	4.00			81.00
	Burnett Inlet					2.50		2.70		5.20
	Crystal Lake	No PNP permit.								0.00
AAC	Bell Island					0.02	0.07		0.01	0.09
NSRAA	Hidden Falls			101.00		6.10	1.65			108.75
	Medvejie Creek	0.30		42.00		3.30	3.20			48.80
	Haines projects			2.30				2.00		4.30
AKI	Port Armstrong	85.00				2.00	2.00			89.00
BCF	Burro Creek				3.00	0.10	0.10			3.20
DIPAC	Macaulay	50.00		121.00		1.50	0.70			173.20
	Sheep Creek	10.00				0.15				10.15
	Snettisham							33.50		33.50
KTHC	Deer Mountain					0.38	0.13		0.05	0.56
KNFC	Gunnuk Creek				65.00	0.25				65.25
POWHA	Klawock					5.00	0.25	5.00	0.05	10.30
SJC	Sheldon Jackson				20.00	0.15	0.10		0.02	20.27
Southeast Totals			145.30	382.10	88.00	29.85	13.70	43.20	0.13	702.27
Prince William Sound										
PWSAC	Armin F. Koernig	160.00								160.00
	Wally Noerenberg	150.00		111.00		4.00	4.00			269.00
	Cannery Creek	152.00								152.00
	Main Bay							10.20		10.20
	Gulkana							36.75		36.75
VFDA	Solomon Gulch	230.00				2.00	0.30			232.30
Prince William Sound Totals			692.00	111.00	0.00	6.00	4.30	46.95	0.00	860.25
Cook Inlet										
PGHC	Port Graham	110.00				0.04		1.35		111.39
CIAA	Trail Lakes					6.00	4.00	30.00		40.00
	Eklutna					0.16		18.00		
	Tutka Bay	125.00						0.66		125.66
Cook Inlet Totals			235.00	0.00	0.00	6.20	4.00	50.01	0.00	277.05
Kodiak										
KRAA	Kitoi Bay	215.00		25.00		2.30		0.30		242.60
	Pillar Creek					0.50	0.30	20.00		20.80
Kodiak Totals			215.00	25.00	0.00	2.80	0.30	20.30	0.00	263.40
Statewide Totals			1,287.30	518.10	88.00	44.85	22.30	160.46	0.13	2,102.97

The Alaska Department of Fish and Game administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972.

If you believe you have been discriminated against in any program, activity, or facility, or if you desire further information please write to ADF&G, P.O. Box 25526, Juneau, AK 99802-5526; U.S. Fish and Wildlife Service, 4040 N. Fairfield Drive, Suite 300, Arlington, VA 22203 or O.E.O., U.S. Department of the Interior, Washington DC 20240.

For information on alternative formats for this and other department publications, please contact the department ADA Coordinator at (voice) 907-465-4120, (TDD) 907-465-3646, or (FAX) 907-465-2440.