

FISH AND FISH EGG DISTRIBUTION REPORT



FISCAL YEAR 1995
REPORT NO. 30

Contribution of the

National Fish Hatchery System to Aquatic Ecosystem Management

U.S. Department of the Interior • U.S. Fish and Wildlife Service

The Division of Fish Hatcheries is pleased to send you the ***Fish and Fish Egg Distribution Report*** for Fiscal Year 1995. The report describes the mission of the National Fish Hatchery System, a component of the Fisheries Program of the Fish and Wildlife Service, and its varied accomplishments.

This year's report appears in the new format initiated in 1994 to present our accomplishments more completely, yet more simply. In keeping with the **National Performance Review**, the Fiscal Year 1995 report identifies the diverse ecological, social and economic benefits provided by the National Fish Hatchery System and illustrates our many cooperative ventures with States, Tribes, the private sector and the public. These partnerships are at the core of our wise stewardship of our Nation's fishery resources.

In these times of increased scrutiny of public programs, the ***Fish and Fish Egg Distribution Report*** serves as a primary tool for documenting the many benefits provided by the National Fish Hatchery System and the many customers who enjoy those benefits. Foremost among them are the American people, on whose behalf the System continues its tradition of excellence in rebuilding critical fish stocks, developing and sharing fish culture technologies, ensuring the health of captive and wild fish, and providing environmental outreach and extension. Through these efforts the Fisheries Program continues to provide leadership in recovering threatened and endangered fishes, restoring and maintaining depleted interjurisdictional fishery resources, mitigating the adverse effects of water development projects, and ensuring an abundance of fish to meet human needs.

Additional copies of this report can be obtained from the Division of Fish Hatcheries at the address below. We welcome your ideas and suggestions concerning ways of enhancing future reports.

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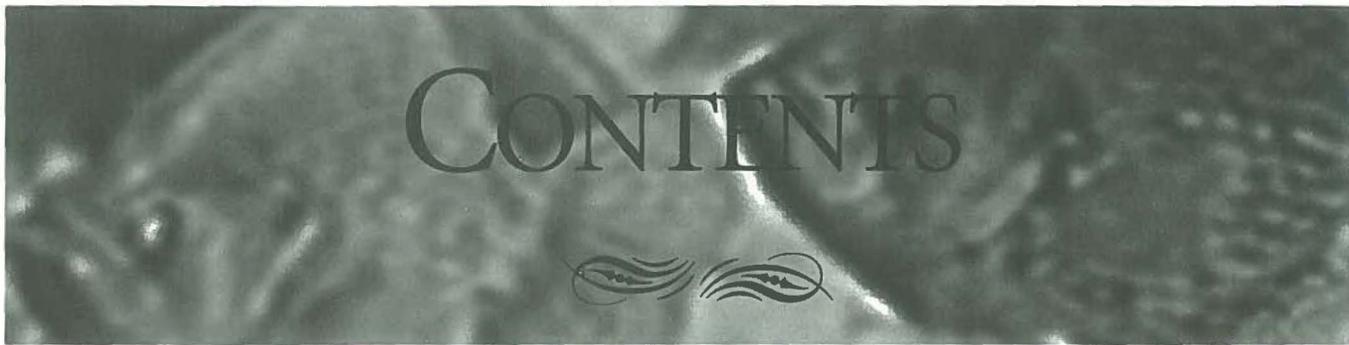
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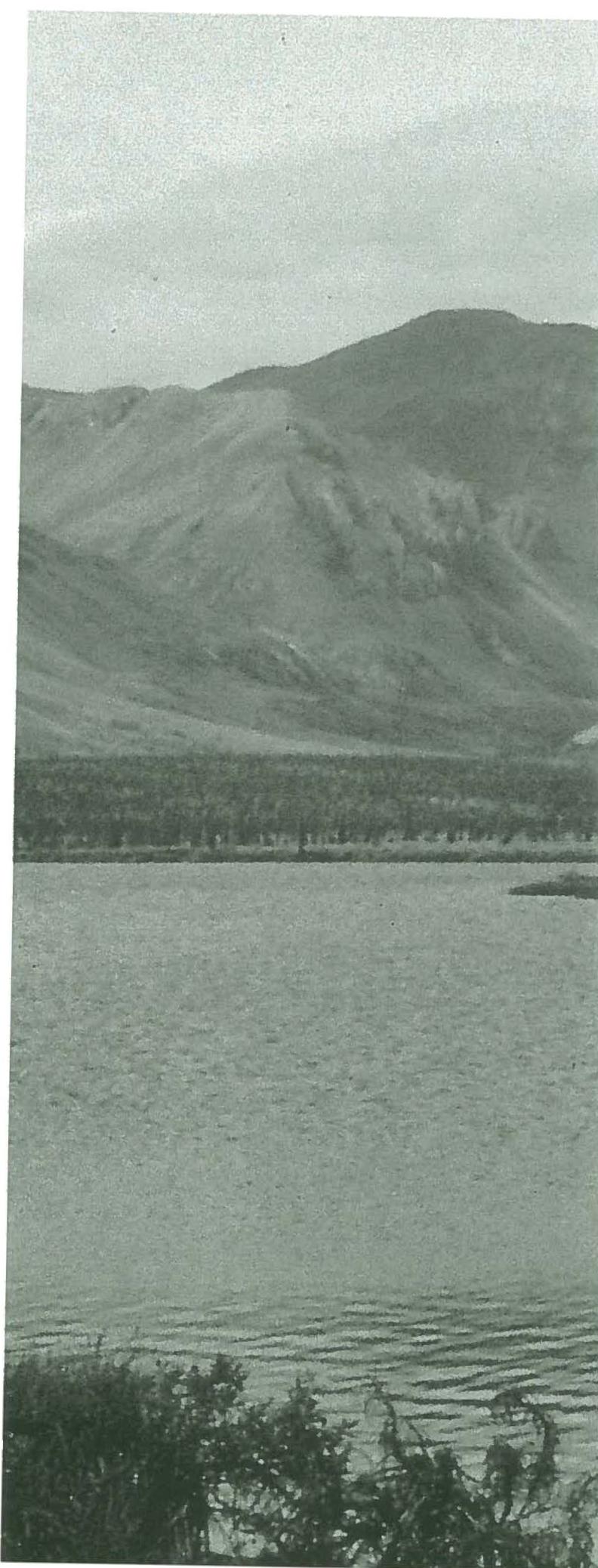
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FEDERAL STEWARDSHIP



National Fish Hatcheries operate under a broad array of legislative authorities and legislative acts, including, but not limited to:

- 🐟 Fish and Wildlife Act of 1956
- 🐟 Fish and Wildlife Coordination Act
- 🐟 Water Resources Development Act of 1976
- 🐟 Mitchell Act
- 🐟 Endangered Species Act of 1973
- 🐟 National Aquaculture Act of 1980
- 🐟 Atlantic Striped Bass Conservation Act
- 🐟 Great Lakes Fishery Act of 1956
- 🐟 Recreational Use of Fish and Wildlife Areas
- 🐟 Sikes Act
- 🐟 New England Fishery Resources Restoration Act of 1990



Federal stewardship of the Nation's fishery and aquatic resources has been a core responsibility of the Fish and Wildlife Service for over 120 years. The role of the Service's Fisheries Program has changed over the past 30 years as increasing demands have been placed on aquatic systems. In the last three decades, human influences have pushed the Nation's natural resources beyond the ability of fish and aquatic resources to sustain themselves. Significant improvements have been made in the management and restoration of aquatic resources, but despite these efforts, many, if not most, of the Nation's aquatic systems remain degraded. Contaminants, water quality degradation, and habitat destruction increasingly threaten fishery resources. Growing competition among user groups leads to conflicting demands on often diminishing resources with attendant problems in allocation and management. Continued impacts on wild stocks, resulting in some being listed as threatened or endangered under the *Endangered Species Act*, and others being identified as candidates for listing, have been especially troubling. Failure to take aggressive action will lead to further listings and significantly reduce the recreational and economic benefits that fishery resources provide.

The Service Fisheries Program focuses its extensive field presence and broad scientific management capabilities on the Nation's fishery resources. This field presence includes: 72 National Fish Hatcheries, 61 Fish and Wildlife Resource Management Offices, 9 Fish Health Centers, and 5 Fish Technology Centers.

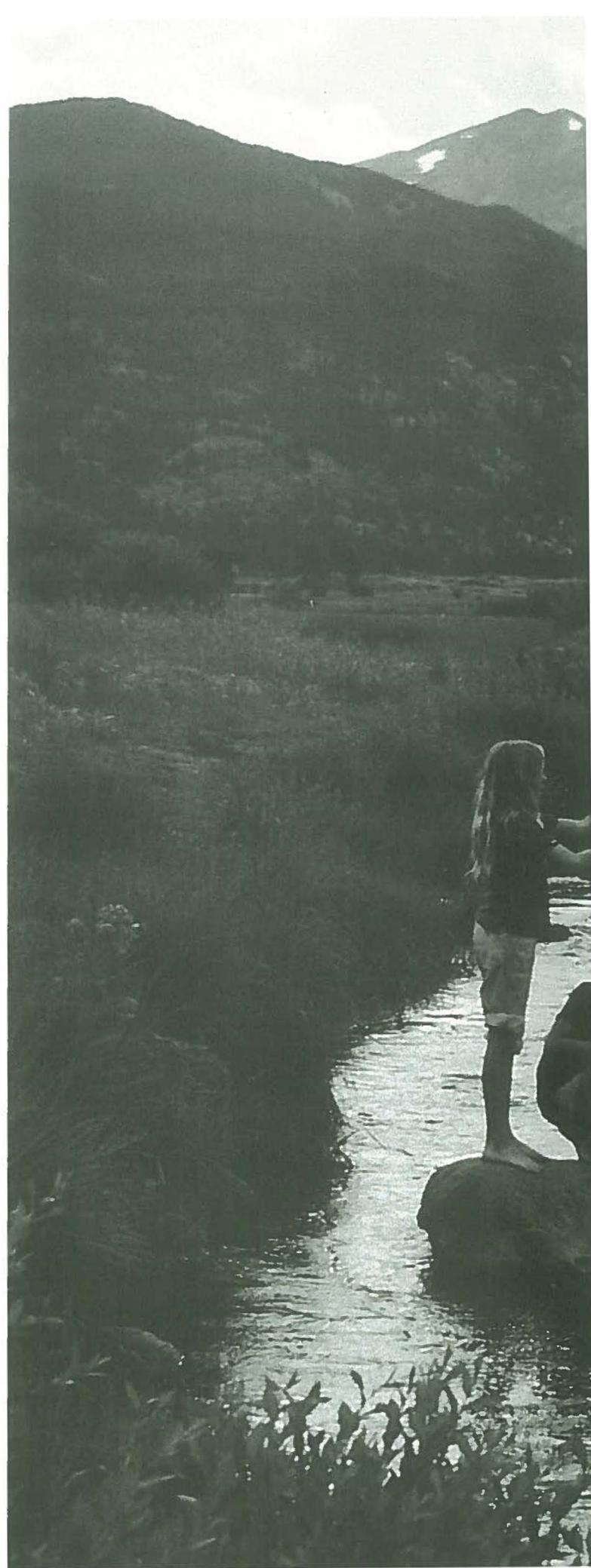
In recent years, the Service has maximized the output of its work force by integrating the work of fish hatcheries and fisheries management. This integrated effort has resulted in cohesive, more efficient national programs for Great Lakes lake trout, Atlantic Coast striped bass, Atlantic salmon, and Pacific salmon. The Service continues to work with its stakeholders — Federal agencies, State resource agencies, Tribal governments, and private organizations — to improve fishery conservation efforts.

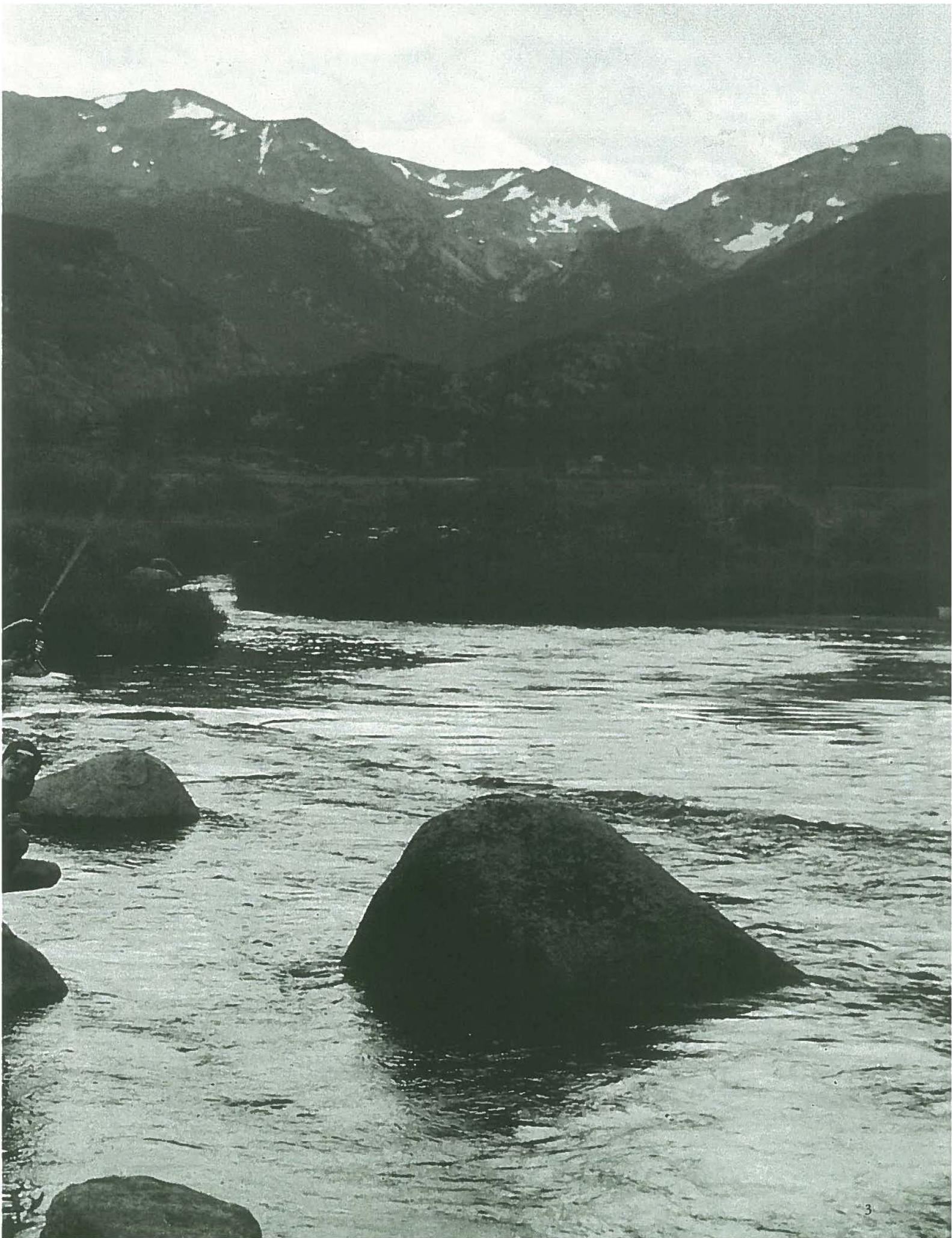
In FY 1995, the Service began refocusing its efforts in fulfilling Federal mandates for recovery, restoration, and interjurisdictional management of depleted fish stocks. National Fish Hatcheries, Fish and Wildlife

Resource Management Offices, Fish Technology Centers, and Fish Health Centers focused their efforts to recover aquatic species listed as threatened, endangered or candidates under the Endangered Species Act; restore and maintain depleted anadromous or highly migratory fish stocks and aquatic habitats at productive or self-sustaining levels; and establish, protect, or restore resources for which Congress has assigned responsibilities to the Service through legislation (i.e., mitigation of Federal water development projects). The Service will continue work on Tribal and Federal lands where that work supports recovery, restoration, and interjurisdictional management of depleted fish stocks.

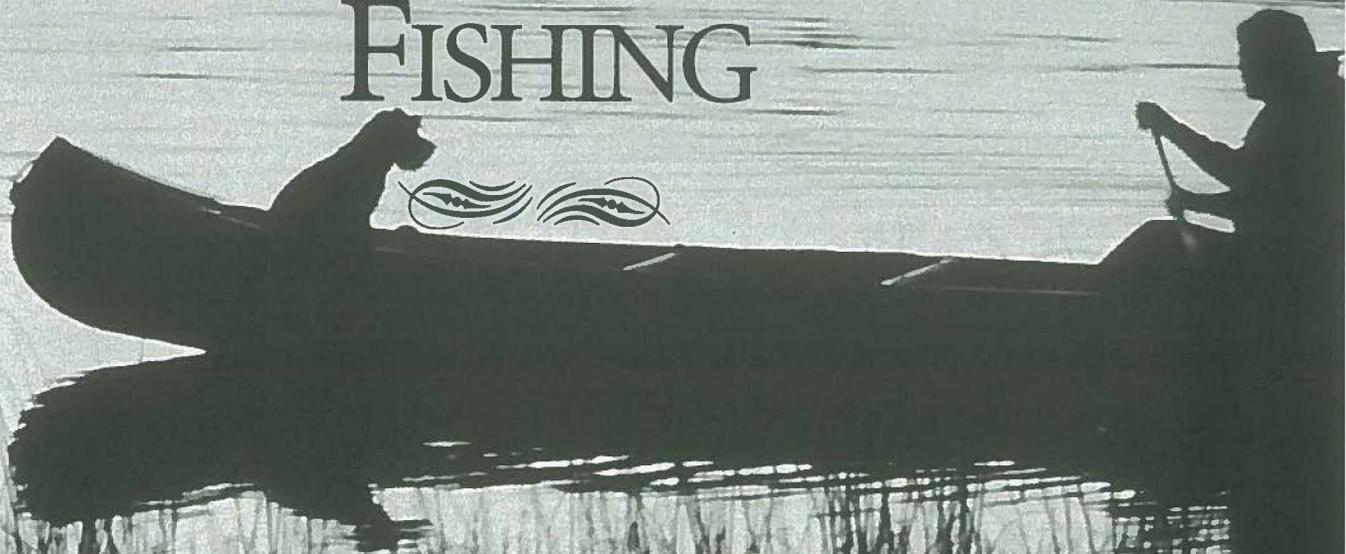
Goals of the Recreational Fisheries Stewardship Initiative

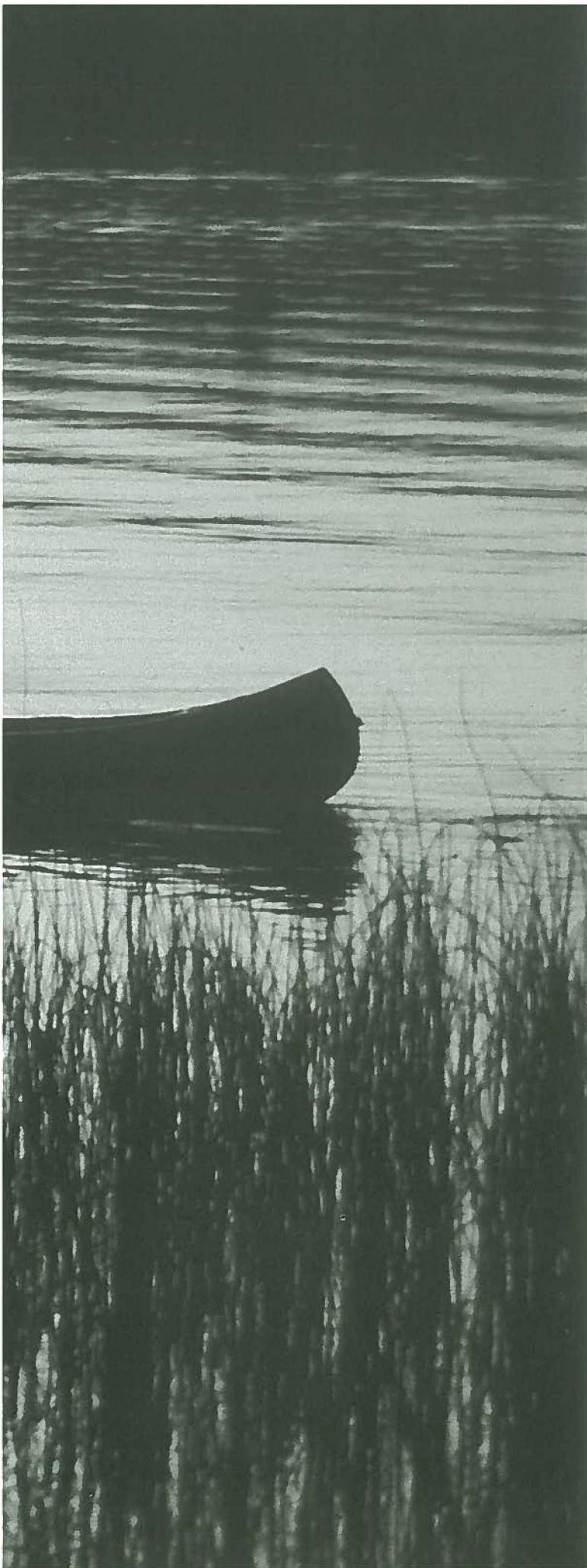
- ❖ Formulate, adopt and implement actions that will improve the Nation's aquatic resources;
- ❖ Provide accessibility and awareness of opportunities for public participation and enjoyment of the Nation's aquatic resources;
- ❖ Assist private landowners and managers to improve aquatic resources and recreational fisheries on private lands;
- ❖ Encourage and establish partnerships between governments and the private sector to advance aquatic resource stewardship and enhance recreational fishing opportunities; and,
- ❖ Achieve balance in the management and use of recreational fishery resources.





RECREATIONAL FISHING





Recreational fishing is a cherished American tradition and an important contributor to the social and economic well-being of the Nation. Ensuring opportunities for recreational fishing is a legislative responsibility of the Service. In the *Fish and Wildlife Act of 1956*, which established the U.S. Fish and Wildlife Service, Congress declared that "... the provisions of this Act are necessary to accomplish the objective of proper resource development, and that this Act shall be administered with due regard to the inherent right of every citizen and resident of the United States to engage in fishing for his own pleasure, enjoyment, and betterment, with the intent of maintaining and increasing the public opportunities for recreational use of fish and wildlife resources..."

The Service's role in recreational fishing recently entered a new era of broader constituency involvement. In 1988, the Service brought together a national forum of Federal, State, Tribal, and private stakeholders to develop the *National Recreational Fisheries Policy*. The Policy focuses on healthy habitats and wild, self-sustaining fisheries, while recognizing the need for hatchery fish in aquatic systems that have been designated for economic production.

In June 1995, President Clinton signed Executive Order 12962, directing Federal agencies to strengthen efforts to improve the quality of streams, rivers, and lakes for increased recreational fishing opportunities. The Order acknowledges the key to this task is strong partnership among Federal, State, and Tribal governments, and the private sector and establishes the National Recreational Fisheries Coordination Council to address this task. The Council is made up of 6 Federal Departments and the Environmental Protection Agency. The Service and the National Marine Fisheries Service co-chair the Council.

The Council is preparing a *Recreational Fishery Resources Conservation Plan* setting forth a 5-year agenda for each member. The Council will ensure that Federal agencies consider the social and economic values of healthy aquatic resources that support recreational fisheries, recommend ways to reduce overlapping Federal programs, and increase information sharing. Also under the Order, the Service and NMFS have developed a joint policy to

reduce conflicts between the administration on the *Endangered Species Act* and the needs of recreational uses. The Service and the NMFS also will increase collaboration with other agencies and organizations, and increase outreach efforts on the requirements of the Act to minimize conflicts between the Act and recreational fisheries.

Why is Recreational Fishing Important to the Nation?

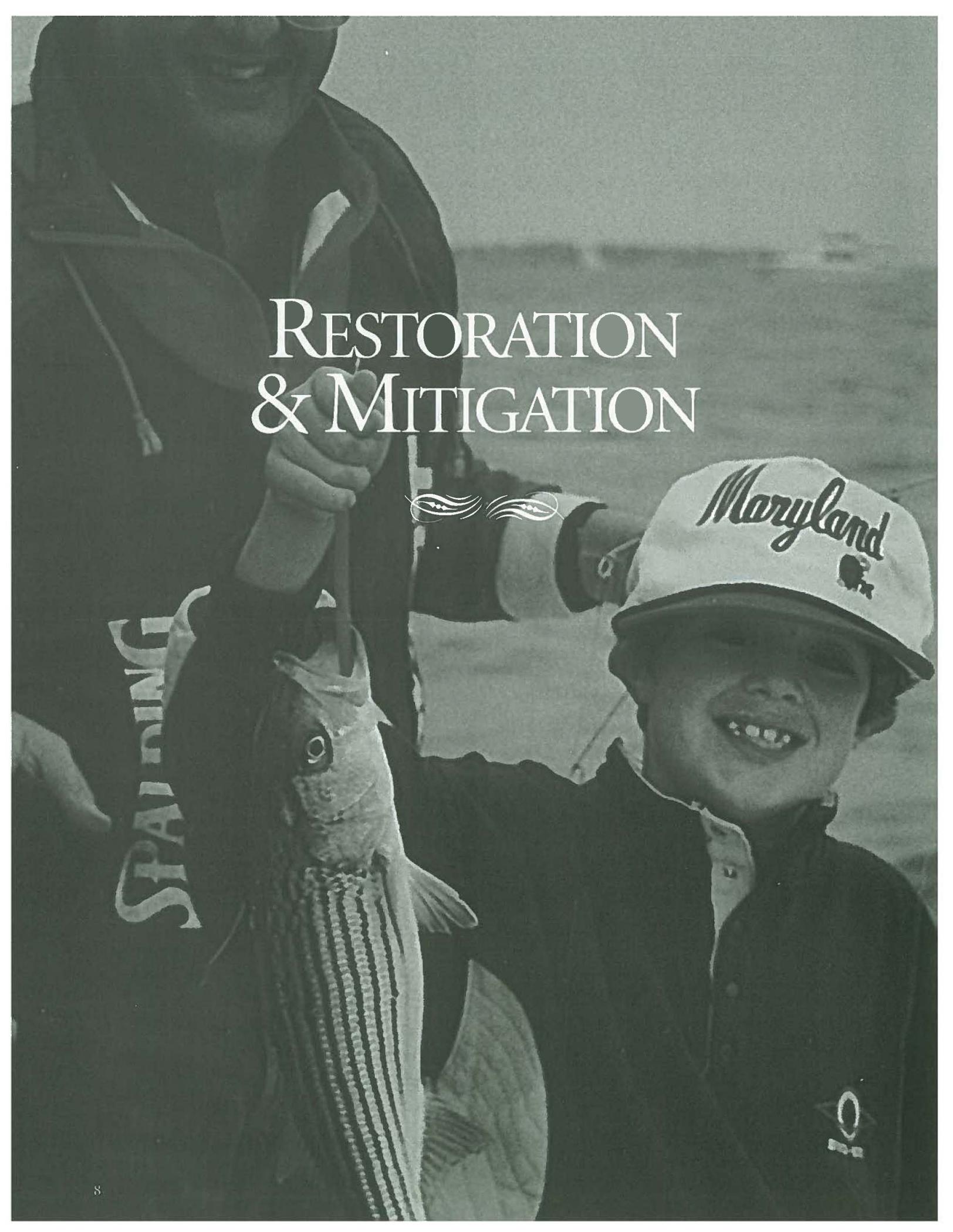
 Fishing has enormous social, cultural, and economic importance in American society, and is the second most popular form of outdoor recreation in the United States (with swimming being first). Particularly for children, fishing provides an opportunity to learn about the environment and develop a natural resource stewardship ethic. Nearly 50 million Americans 6 years and older fish.

 The 1991 *National Survey of Fishing, Hunting and Wildlife Associated Recreation* estimated anglers spent \$24 billion on tackle, equipment, food, lodging, and other goods and services related to fishing. These expenditures provided jobs for 1.3 million people and generated \$2.1 billion in Federal income tax revenue.



What is the Role of the Service in Recreational Fisheries?

-  The Fisheries Program works with States, Tribes, and other partners to restore and maintain stocks and aquatic habitats of depleted anadromous, migratory, and interjurisdictional fishes to self-sustaining levels; and to recover sport fishes listed under the *Endangered Species Act*.
-  The Fisheries Program maintains, for Nationally significant fishery resources, specialized fishery expertise and/or capabilities that are beyond the scope of State and Tribal management authority and funding capability.
-  The Fisheries Program works with the Ecological Services Program to conserve and enhance recreational fisheries and their habitats that may be affected by Federally licensed, funded, permitted, or authorized activities.
-  The Fisheries Program provides fish to mitigate for negative impacts of Federal water development projects that cannot be avoided.
-  The Wildlife and Refuges Program manages fisheries on Service lands to provide recreational fishery opportunities to the public and provides a strong fishery law enforcement program.
-  The External Affairs Program administers the Federal Aid in Sport Fish Restoration Program.
-  All of the Service programs provide some degree of education and outreach that focus on the social and economic benefits of recreational fishing and the need to maintain healthy aquatic habitats.



RESTORATION & MITIGATION



SPAINING

Maryland

10



Restoration

Atlantic Salmon

No concerted effort to restore Atlantic salmon was made until the mid-1960s, when the *Anadromous Fish Conservation Act* was passed, providing for Federal cost-sharing with the States. Since then, the Service has undertaken a major effort to restore the Atlantic salmon to its native rivers in New England. Currently, the Atlantic salmon restoration program is a cooperative effort between the Service, the States (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, and Rhode Island), and the National Marine Fisheries Service.

The Atlantic salmon restoration program focuses on protecting and enhancing all life stages of Atlantic salmon, including stocking hatchery fry rather than parr or smolts, restoration of spawning and rearing habitat, harvest reductions, and providing adequate upstream and downstream fish passage to ensure successful completion of their life cycle.

Over the past six years, National Fish Hatcheries have provided over 36 million Atlantic salmon for stocking in New England waters. Major river systems targeted include the Penobscot, Connecticut, Merrimack, and Pawcatuck.

In 1995, more than 7.5 million Atlantic salmon fry were stocked and over 12 million eggs were incubated in the Connecticut River basin. This is expected to yield higher adult returns in 5-7 years, making progress towards the establishment of natural spawning populations.

Great Lakes Lake Trout

The Great Lakes Fish and Wildlife Restoration Act of 1990 provides resources to address mutually developed goals for the Great Lakes. Under provisions of the Act, in partnership with National, State, Tribal, provincial, and conservation organizations, the Service is implementing restoration actions for the Great Lakes.

In an effort to rebuild naturally reproducing lake trout in all of the Great Lakes, an aggressive stocking program has been combined with efforts to control

the sea lamprey, improve water quality, and regulate harvest. Over the past eleven years, National Fish Hatcheries have stocked over 87 million lake trout eggs, fry and juveniles into the Great Lakes. Many of these fish and eggs were stocked on offshore reefs where lake trout are known to spawn and survival has been the highest.

Progress towards lake trout restoration resulting from stocking efforts has been made in each of the Great Lakes; particularly Lake Superior, Lake Huron and Lake Erie. For example, evidence of natural reproduction from lake trout stocked in 1985 on Six Fathom Bank of Lake Huron has recently been documented. Lake trout are also reproducing successfully in Lake Ontario for the first time since native lake trout disappeared more than 50 years ago. For the last 20 years, lake trout reared at the Allegheny National Fish Hatchery, Pennsylvania, have been stocked into Lake Ontario to building spawning stocks. In 1995 naturally produced juvenile lake trout were collected by research vessels from Lake Ontario. Wild yearlings represented 10 % of all yearling lake trout captured in U.S. waters of the lake. The level of reproductive success exceeded objectives and provides renewed optimism for successful rehabilitation of Lake Ontario.

Pacific Salmon and Steelhead Trout

Pacific salmon and steelhead trout restoration efforts consist of a combination of hatchery propagation, wild stock management, and habitat rehabilitation. The Service is working cooperatively with other Federal agencies, the western States, and the Tribes in developing and implementing a watershed approach to anadromous fish restoration. The Service continues to work cooperatively with the Bureau of Reclamation to carry out the *Central Valley Improvement Act* to restore anadromous fishery resources in the Sacramento River. The Coleman National Fish Hatchery has been a major contributor to these efforts. Restoration activities in the

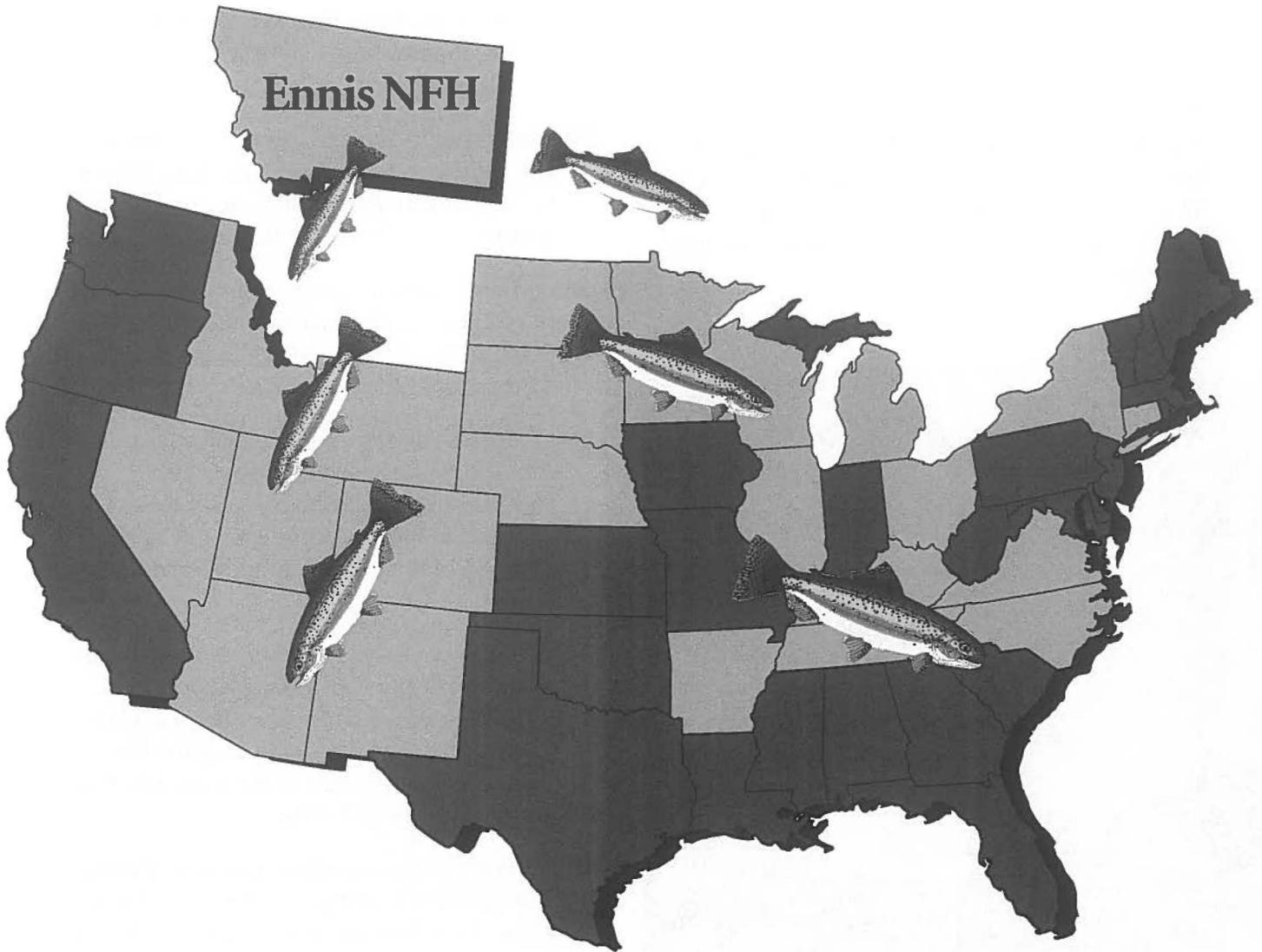
Columbia River basin include management of three stocks of Snake River salmon listed under the *Endangered Species Act* and efforts to prevent future listings of other stocks at risk. In 1995, National Fish Hatcheries produced over 8 million spring chinook salmon, over 42 million fall chinook salmon, over 4 million coho salmon, over 4 million chum salmon, and over 6 million steelhead trout to supplement and mitigate natural production of the Columbia River Basin and western Washington river basin.

Striped Bass

Striped bass restoration efforts have largely focused on the Atlantic and Gulf coasts. Over 6 million striped bass were stocked in support of this critical restoration effort in 1995. The Service's cooperative evaluation and management program for the Atlantic striped bass continues to be an extremely successful program. In 1982, the Service began working with the Atlantic States Marine Fisheries Commission to implement the *Striped Bass Fishery Management Plan* after populations of Atlantic striped bass reached a record low. In 1985, a total moratorium was placed on harvesting striped bass in the Chesapeake Bay. A cooperative effort was initiated to limit harvest and enhance striped bass production along the rest of the East Coast.

As part of the restoration effort, the States developed cooperative stocking programs with the Service that included assessing the use of hatchery-reared fish in restoring the Chesapeake Bay striped bass population to a self-sustaining level. All hatchery fish were tagged and monitored. In 1993, historical juvenile striped bass indices showed a strong comeback from the low point in the early 1980s. These indices continued to show an improved fishery in 1994 and 1995. The striped bass fishery along the Atlantic coast has been reopened. This success is also being seen along the Gulf coast, where a stocking program initiated by the Service in the 1980s is showing significant results.

Ennis NFH Rainbow Trout Egg Distribution



FIS Data - FY 1995

Mitigation

The Service implements several forms of mitigation associated with existing Federal water development projects by 1) minimizing project impacts (i.e., constructing fish-passage facilities), 2) rectifying project impacts (i.e., restoring habitat), and 3) compensating for project impacts (i.e., enhancing fishery resources in reservoirs and tailwaters created by Federal water development projects).

Statutory mandates require that the Service mitigate the impacts of Federal water development projects on fishery resources. Mitigation hatcheries, as part of the National Fish Hatchery System, compensate for the impacts cause by Federal water development projects.

Within the National Fish Hatchery System, 33 hatcheries are considered mitigation hatcheries. In many cases, the cost to operate these facilities is funded by the agency responsible for the water project (i.e., U.S. Army Corps of Engineers, Tennessee Valley Authority, National Marine Fisheries Service, Bureau of Reclamation, and Bonneville Power Administration). In FY 1995, National Fish Hatcheries involved in mitigation distributed over 98 million fish. Some of these mitigation efforts include:

- ✦ salmon production at Coleman National Fish Hatchery to mitigate fishery resource losses in the Sacramento River system due to dams constructed by the Bureau of Reclamation;
- ✦ northern pike and walleye production at Garrison Dam National Fish Hatchery to mitigate fishery losses caused by the construction of six dams on the Missouri River;
- ✦ production of over 29 million fall and spring chinook salmon at eight National Fish Hatcheries to mitigate the loss of fishery resources in the Columbia River due to the construction of the Bonneville and Grand Coulee Dams;
- ✦ spring chinook and steelhead trout production at Dworshak and Hagerman National Fish Hatcheries for the Snake River Basin as part of the Lower Snake River Compensation Plan, authorized by Congress in the Water Resources Development Act of 1976;
- ✦ rainbow trout production at Norfolk National Fish Hatchery to mitigate fishery losses in the White River drainage of Arkansas and Missouri due to dams constructed by the Corps of Engineers;
- ✦ trout production at Hotchkiss and Jones Hole National Fish Hatcheries to mitigate the impacts of the Colorado River Storage Project; and
- ✦ Walleye production at Mammoth Springs National Fish Hatchery for stocking Tennessee Valley Authority Reservoirs.



Norfolk and Greers Ferry National Fish Hatcheries in Arkansas

The construction of flood control dams on the North Fork and Little Red Rivers eliminated valuable warmwater sport fisheries. The 84th Congress recognized the need to mitigate for these lost fisheries and appropriated funds in 1956 for the Norfolk NFH. Congress provided additional funds in 1962 to construct, operate and maintain a fish hatchery on U. S. Army Corps of Engineer's land below Greers Ferry Dam to compensate for the fishery loss in the Little Red River. In FY 1995, the Norfolk and Greers Ferry National Fish Hatcheries stocked 2.4 million rainbow trout, brown trout, brook trout, and cutthroat trout in support of this mitigation effort.

Annual Economic Benefits of the Sport Fishery Provided by the Two Arkansas Hatcheries Include:

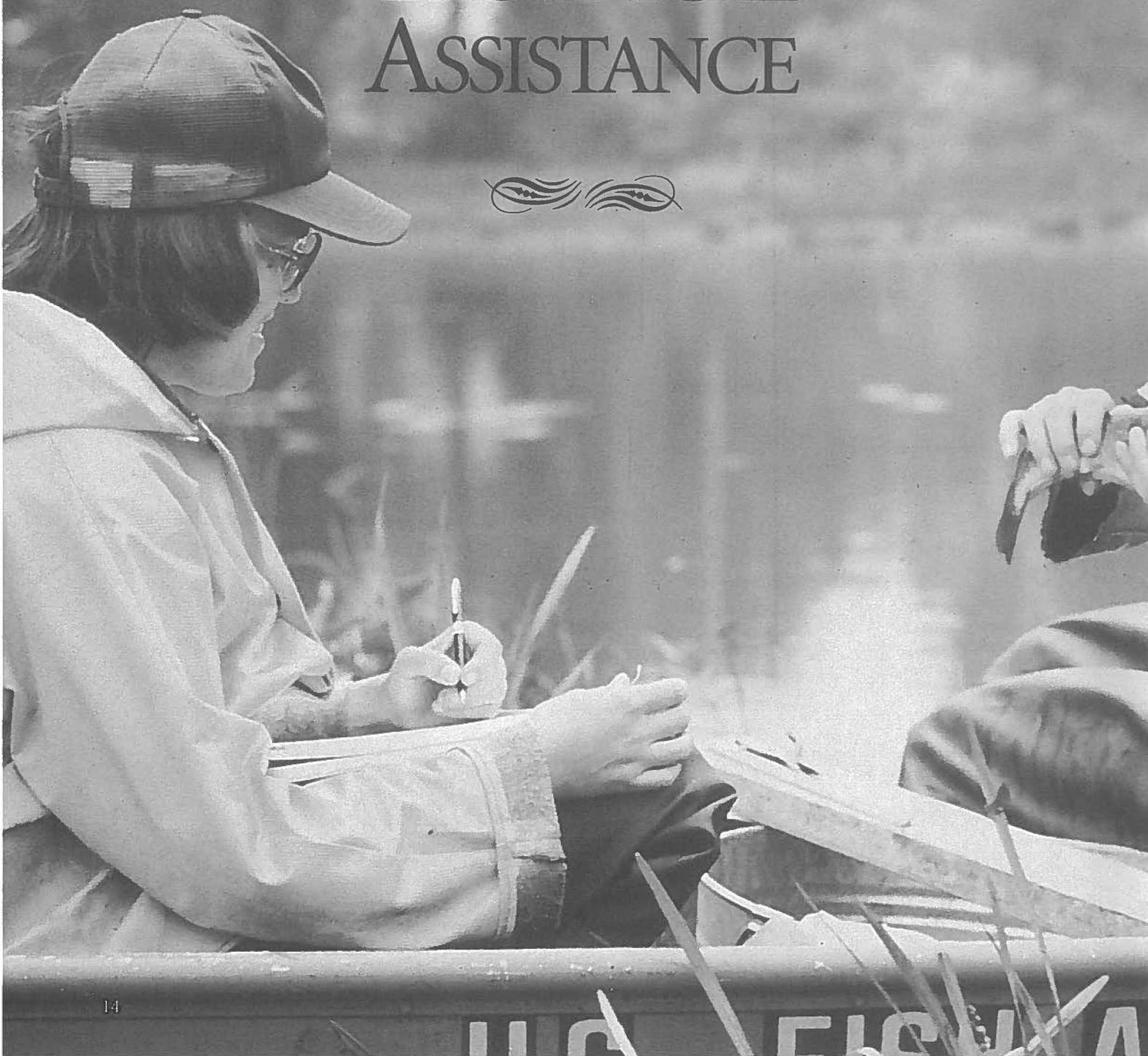
-  Over 125,000 trout permits sold
-  5,000 Angler days per mile
-  Average trout angler spends \$197.79 per trip

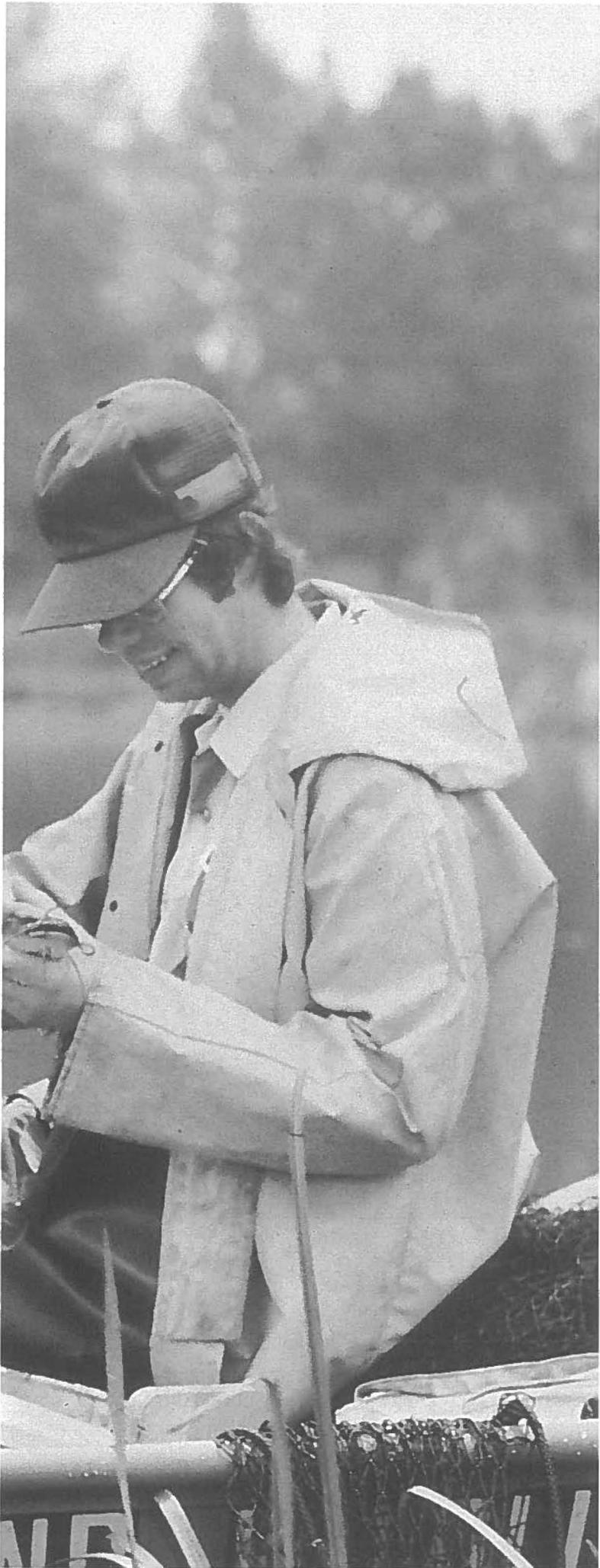
Fiscal Year	Annual Facility Costs	Total Fish Stocked	Angler Days	Economic Value*
95	\$761,000	2.4 M	1.9 M	\$133,600,000
96 (est.)	\$827,000	2.4 M	2.1 M	\$138,700,000
97 (est.)	\$900,000	2.4M	2.2 M	\$144,500,000

* A 4% inflation rate is assumed.

Case Study in Mitigation - Source: Arkansas Fish & Game 1993 Draft Report "Trout Survey Report".

SCIENTIFIC MANAGEMENT & TECHNICAL ASSISTANCE





To foster successful management of the Nation's fishery resources, the Service continues to focus on the scientific management of fish stocks and aquatic communities. The Service carries out its leadership responsibilities by developing new concepts and improved technologies in fish propagation (particularly captive propagation for threatened and endangered fish species and other aquatic species), fish health, broodstock management, drug and chemical usage, stock assessment, and aquaculture.

Fish Technology Development

The Service's five Fish Technology Centers provide direct technical support to the entire National Fish Hatchery System and help ensure efficient operation of the National Fish Hatcheries. Technology Centers also provide technical assistance and fish culture technology to State hatcheries, the commercial aquaculture industry, and to other organizations and individuals engaged in raising fish. This includes development, testing, and quality-control of feeds and feeding systems; application of research results and new technologies to hatchery operations; improvement of water reconditioning methods to increase efficiency of hatchery operations; and evaluation of fish strain performance under specific management conditions. A Fish Technology Center Advisory Team ensures that Centers focus on the highest priority needs of the Service, especially those involving conservation of ecosystem integrity through maintenance of biological diversity.

Fish Technology Centers have provided leadership in technology development in fish culture by:

- development and improvement of cultural techniques for striped bass and several threatened or endangered fish species (e.g., greenback cutthroat trout, Arctic grayling, and sturgeon species);
- development of oxygen supplementation systems;

- development of improved diets and feeding systems for larval fishes and several hard-to-rear species, such as striped bass, walleye, and sturgeon species;
- development of cryopreservation methodologies needed to preserve genetic material of imperiled native fishes; and
- development of genetic management and broodstock plans for Gila trout, Apache trout, razorback sucker, bonytail, and the Colorado squawfish.

Increased areas of emphasis that Fish Technology Centers will focus on providing continued leadership in fish culture include:

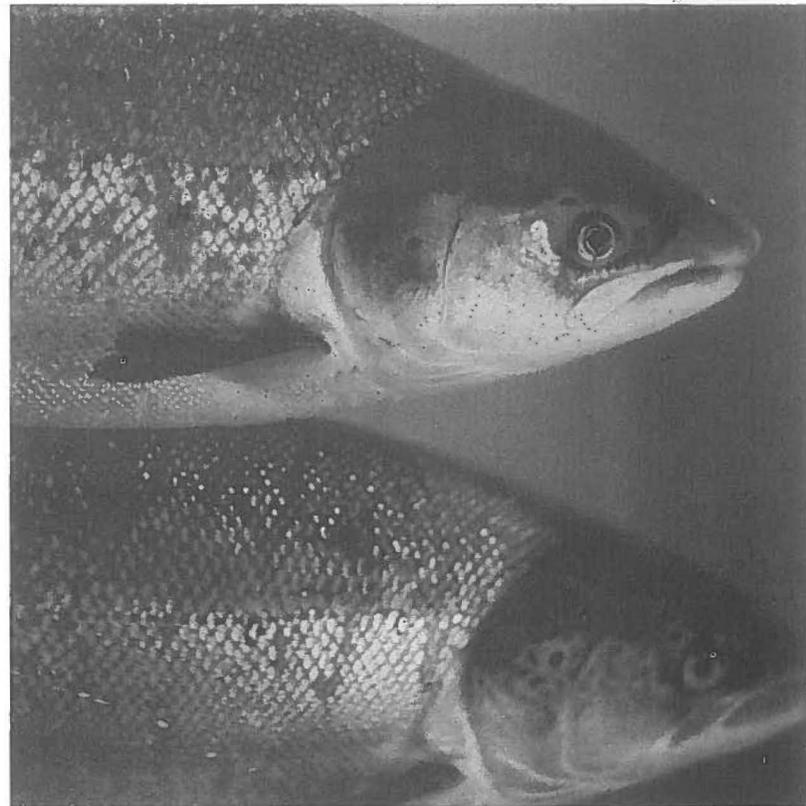
- conserving the genetic integrity of fish stocks especially native fishes;
- developing criteria and standards to ensure that multiple site hatchery production evaluations are comparable;
- evaluating the interactions of cultured fish on wild stocks;
- developing techniques and technologies to assist in the recovery of threatened and endangered fishes; and providing assistance to National Fish Hatcheries in managing drugs and chemicals used as therapeutants and in reducing use of these compounds.

Product Evaluation

Biologists continue to utilize tagged hatchery fish to obtain important fishery management information, thus providing the basis for hatchery product evaluation programs. The Service works in partnership with commercial and sport fishermen, State agencies, and regional watershed authorities to retrieve management information from tagged fish on migration patterns, the contribution of hatchery fish to restoration efforts, and the long-term survival of stocked fish.

Tagging has increased to keep pace with the demands of a changing management environment that demands greater attention to management planning and program evaluation. Hatchery fish serve as indicators of the wild populations to help determine how and why the overall restoration program worked.

The Service is placing greater emphasis on evaluating the contributions of hatchery stocks in conserving our Nation's fishery resources. Special attention is being focused on genetics management, conservation biology, and coordination with fishery management plans. In partnership with Fish Technology Centers and Fishery Resource Offices, National Fish Hatcheries continue to use the results of evaluations to review, and redirect, when needed, its focus.

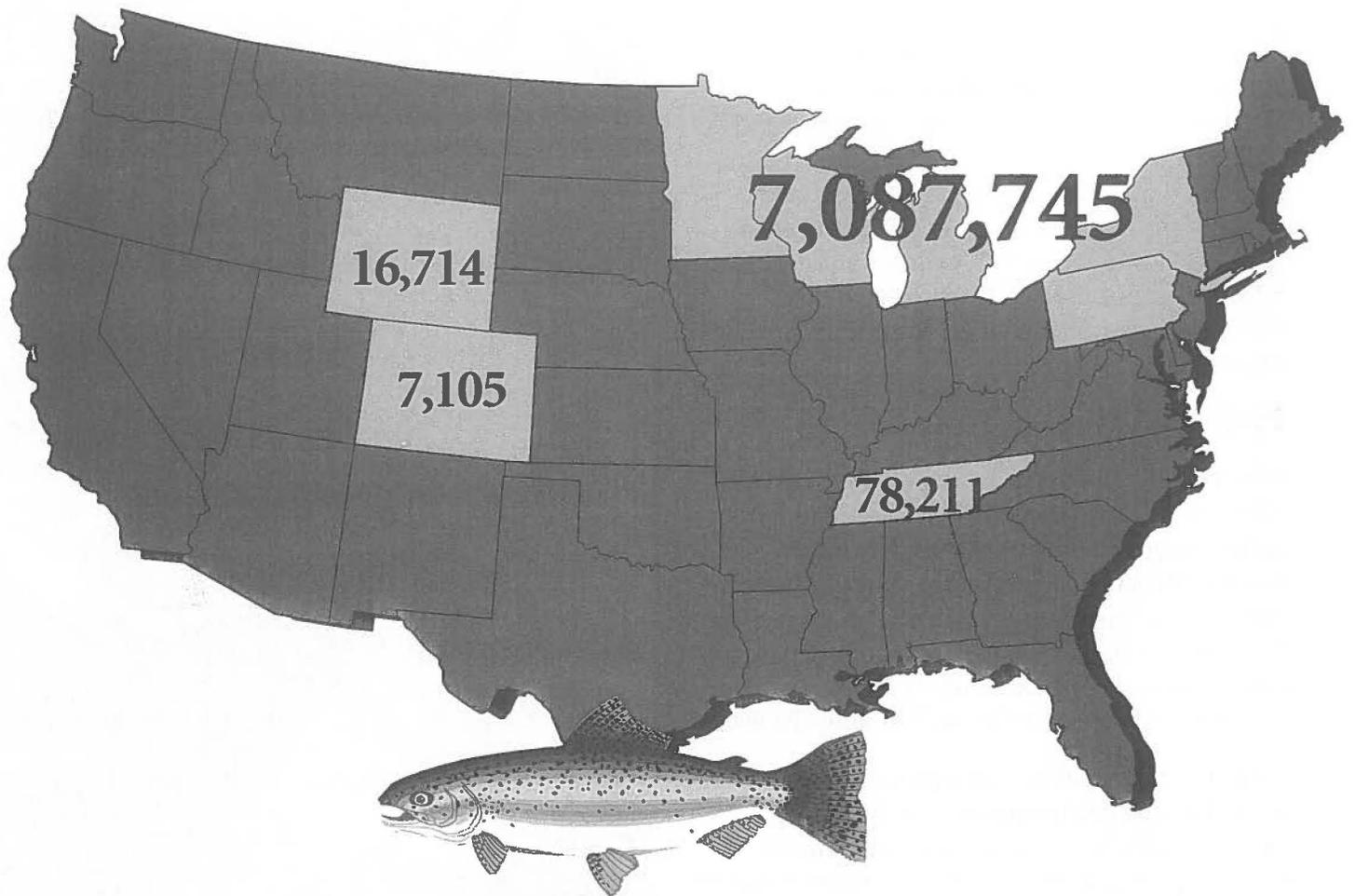


Imperiled Fish Species Recovery

National Fish Hatcheries are increasing emphasis on recovery activities for imperiled fishes, which includes threatened, endangered, and candidate fish species. An increasing effort of the National Fish Hatchery System is being devoted to holding imperiled fish species in refugia, developing technology to support propagation, and propagating fish.

FY 95 Lake Trout Distribution

From National Fish Hatcheries



FIS Data - FY 1995

Federally-listed endangered, threatened, and candidate fish species are being held at 35 Service facilities. Included are 29 National Fish Hatcheries, 4 Fish Technology Centers, and 2 Fish and Wildlife Management Assistance Offices. Twenty-six fish species Federally-listed as threatened or endangered and 15 species recognized as candidates are currently being propagated or held in refugia at these 35 facilities.

Controlled propagation is an important strategy identified in most of the approved recovery plans for endangered fishes. Implementation of strategies identified in recovery plans is coordinated with other recovery priorities. Additionally, the National Fish Hatchery System is evaluating the appropriateness of expanding its controlled propagation program to incorporate other aquatic species. For example, native freshwater mussels are being held at Genoa National Fish Hatchery in Wisconsin, as a two-year pilot project in a cooperative study with other Federal agencies, State resource agencies, and private organizations.

Fish Health

Nine Fish Health Centers work cooperatively with National Fish Hatcheries, Tribes, States, and other Federal agencies to detect, identify, document, and control fish pathogens and diseases. Essential diagnostic services and disease treatment recommendations assist resource managers in restoration, supplementation, and enhancement programs by reducing mortality and morbidity in hatchery and wild fish.

Continual fish health monitoring is necessary to better understand disease processes and interactions between hatchery and wild stocks. Fish Health Centers are expanding their roles in efforts to recover endangered and threatened species. For example Fish Health Centers are:

- ✦ providing diagnostic services and expertise for recovery programs for Lahontan cutthroat trout, Cui-ui suckers, Sacramento River winter-run chinook salmon, Puget Sound summer chum salmon, Columbia River chinook salmon, Columbia River sturgeon, and Redfish Lake sockeye salmon;





- ✦ conducting investigations in cryopreservation of gametes of winter-run chinook in the Sacramento River;
- ✦ developing non-lethal sampling methods to provide an alternative methods for disease determinations that does not require sacrificing valuable or endangered fishes; and
- ✦ developing non-lethal methods for fish health sampling and monitoring of threatened and endangered species.

Drug and Chemical Registration

The Food and Drug Administration has increased its emphasis on compliance with regulations governing the use of non-approved drugs and chemicals in aquaculture. Since only four of the 50 compounds commonly used in Service fishery programs are FDA approved, this has posed a major problem for the Service. Therapeutant drug and chemical use is critical to many Service fishery programs, including programs for the recovery of endangered or threatened fish species.

The approval process for a new animal drug is expensive and time consuming. The research required for approval of even one compound can cost several million dollars and take 5-7 years. Therefore, in response to the FDA's increased demand for compliance and the high cost of meeting FDA approval requirements for needed compounds, the Service initiated an effort in 1993 to identify compounds critical to Service fishery programs and to begin working with the FDA to gain approval for use of the critical compounds. Since that time, the Service has reduced the list of 50 compounds to 12 critical compounds and uses. Partnerships to provide funding and perform needed research on critical compounds are continuing with the National Biological Service, the International Association of Fisheries Agencies, other affected government agencies, and private aquaculture organizations.

National Broodstock Program

The National Broodstock Program was established to ensure the availability of adequate numbers of disease-free, genetically distinct strains of trout eggs needed to meet the production needs of the National Fish Hatchery System. In 1995, broodstock program hatcheries produced over 51 million trout eggs that were provided to Service hatcheries, State cooperators, other Federal agencies, research institutions, and universities.

These eggs were used by the Service and State cooperators to support critical restoration efforts (i.e., stocking of lake trout in the Great Lakes), meet mitigation responsibilities as the result of Federal water development projects, and provide recreational fishing opportunities for the 50 million people who fish annually.

Additionally, the Service has been assisting private aquaculture interests in securing difficult-to-obtain freshwater finfish seedstocks necessary to establish broodstocks. This is done only if all efforts have been exhausted in obtaining the particular strain from the private sector.

The Service has a responsibility within its leadership role to maintain desired strains of broodstocks to meet the restoration and mitigation needs of the different aquatic systems throughout the United States.

Currently 22 different strains of trout including rainbow, brown, brook, lake, and cutthroat are available through the National Broodstock Program. The Service continues to receive requests from State cooperators for additional strains necessary to meet specific fishery management needs. *Strain Management Plans* are being developed for all broodstocks currently held on Service facilities. The plans will ensure that all Service broodstocks are properly managed using established guidelines for maintaining genetic integrity.





OUTREACH & PUBLIC INVOLVEMENT



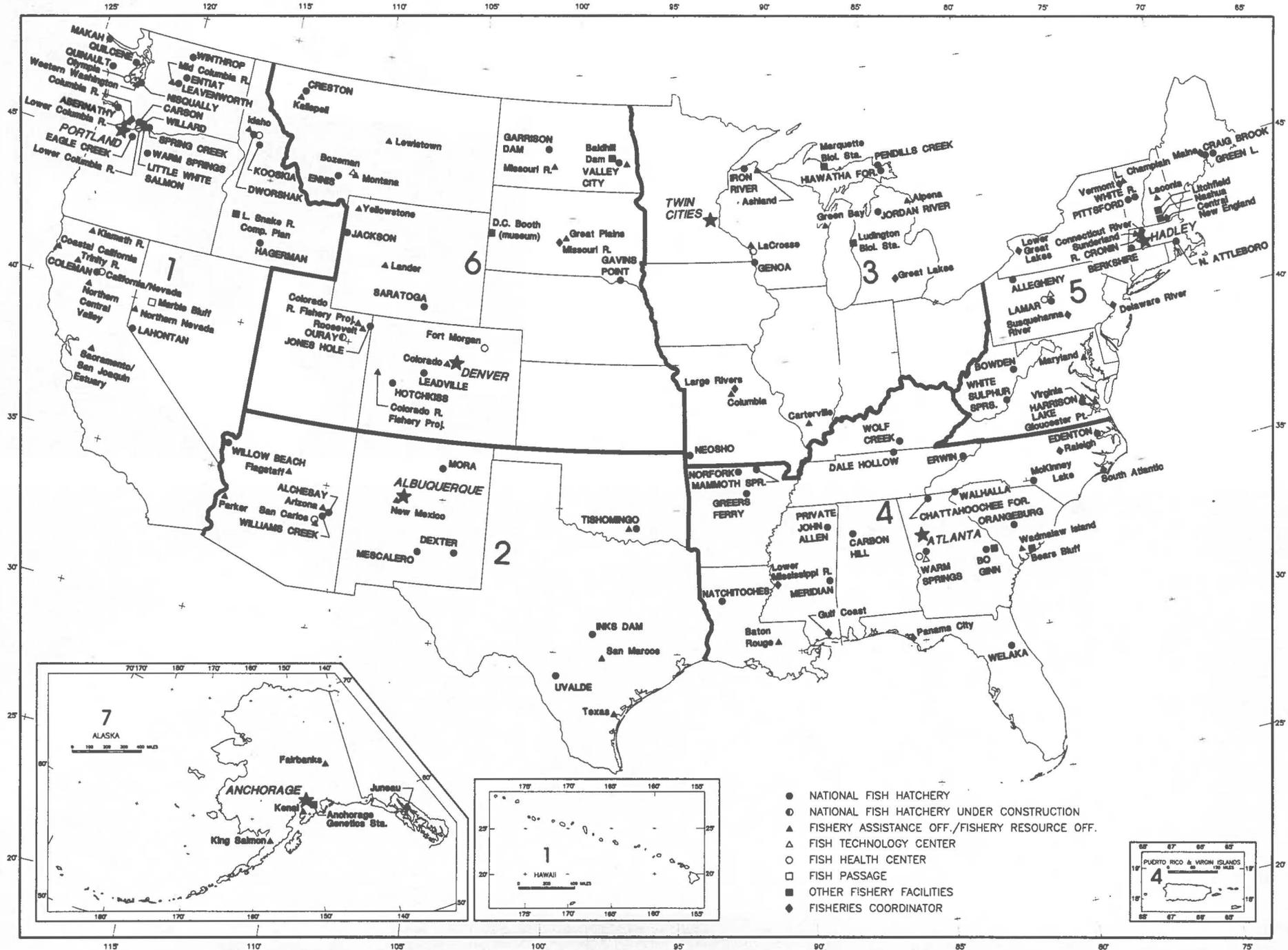


The National Fish Hatchery System provides outreach programs to heighten environmental awareness and inform and involve the public in support of responsible fishery stewardship. Over three million citizens visit our National Fish Hatcheries annually. Many of our National Fish Hatcheries serve as outdoor laboratories for school groups, environmental organizations, and universities. In 1994, many National Fish Hatcheries initiated cooperative programs with secondary schools with the goal to provide instruction in fish biology, aquaculture, fishing, and ecosystem stewardship. A curriculum developed includes laboratory analysis of fish specimens, principles of applied fisheries management, and opportunities for international students to learn hatchery production techniques.

National Fishing Week, an annual activity designed for outreach purposes, is actively supported by all National Fish Hatcheries. Fishing clinics, display aquariums, demonstrations, and environmental education sessions are highlights of this event. These events not only expose children and adults to the joys of recreational fishing, but also illustrate the importance of a quality environment necessary to provide these opportunities.



24



- NATIONAL FISH HATCHERY
- ▲ NATIONAL FISH HATCHERY UNDER CONSTRUCTION
- △ FISHERY ASSISTANCE OFF./FISHERY RESOURCE OFF.
- △ FISH TECHNOLOGY CENTER
- FISH HEALTH CENTER
- FISH PASSAGE
- OTHER FISHERY FACILITIES
- ◆ FISHERIES COORDINATOR

COMPILED IN THE DIVISION OF REALTY
WASHINGTON, DC SEPTEMBER 30, 1994

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★ REGIONAL OFFICE — REGIONAL BOUNDARY

TABLE I.

Fish and Fish Egg Distribution by National Fish Hatchery

Hatchery	Number Distributed	Weight (Pounds)	Number Eggs Produced
Abernathy STC, WA	1,439,452	30,290	798,605
Alchesay/Williams Creek NFH, AZ	731,687	141,056	0
Allegheny NFH, PA	808,757	55,626	2,683,170
Bears Bluff NFH, SC	416	878	0
Bo Ginn NFH/AQ, GA	1,549,621	8,254	0
Bowden NFH, WV	325,928	178,858	0
Bozeman FTC, MT	8,685	2,751	0
Carbon Hill NFH, AL	1,603,445	9,958	0
Carson NFH, WA	2,195,192	120,524	0
Chattahoochee Forest NFH, GA	853,758	155,916	0
Coleman NFH, CA	18,165,323	296,144	0
Craig Brook NFH, ME	840,000	304	1,637,183
Creston NFH, MT	1,264,685	65,565	417,433
Dale Hollow NFH, TN	1,684,251	297,398	0
Dexter NFH, NM	355,171	2,559	91,289
Dworshak NFH, ID	3,940,813	437,934	2,784,700
Eagle Creek NFH, OR	2,604,823	207,311	0
Edenton NFH, NC	637,791	12,633	0
Ennis NFH, MT	15,836	38,418	19,436,511
Entiat NFH, WA	578,828	31,383	0
Erwin NFH, TN	73,635	42,062	13,683,071
Garrison Dam NFH, ND	7,419,617	53,222	13,585,000
Gavins Point NFH, SD	20,470,154	22,425	8,313,000
Genoa NFH, WI	13,944,901	11,517	25,699,605
Greers Ferry NFH, AR	1,083,015	227,383	0

TABLE I. (CONTINUED)
Fish and Fish Egg Distribution by National Fish Hatchery

Hatchery	Number Distributed	Weight (Pounds)	Number Eggs Produced
Green Lake NFH, ME	1,052,352	116,041	1,214,883
Hagerman NFH, ID	1,418,659	251,436	0
Harrison Lake NFH, VA	2,342,664	0	0
Hiawatha Forest NFH, MI	0	0	5,145,390
Hotchkiss NFH, CO	1,391,911	112,338	0
Inks Dam NFH, TX	780,397	53,956	0
Iron River NFH, WI	1,959,848	114,525	3,837,794
Jackson NFH, WY	483,280	51,150	0
Jones Hole NFH, UT	1,624,754	149,619	0
Jordan River NFH, MI	3,579,680	170,338	0
Kooskia NFH, ID	723,056	37,156	0
Lahontan NFH, NV	854,159	118,180	0
Lamar NFH, PA	10,338	3,184	0
Leadville NFH, CO	311,565	94,199	0
Leavenworth NFH, WA	2,174,533	11,205	42,400
Little White Salmon/Willard NFH, WA	6,139,400	104,186	120,000
Makah NFH, WA	4,002,611	92,033	3,734,184
Mammoth Spring NFH, AR	3,489,561	3,676	0
Mckinney Lake NFH, NC	260,145	6,321	0
Mescalero NFH, NM	292,446	103,891	0
Nashua NFH, NH	16,728	22,895	5,720,814
Natchitoches NFH, LA	3,016,964	6,637	15,000
Neosho NFH, MO	358,357	107,255	0
North Attleboro NFH, MA	2,335,923	5,150	1,288,532
Norfolk NFH, AR	1,943,802	432,314	0

TABLE I. (CONTINUED)

Fish and Fish Egg Distribution by National Fish Hatchery

Hatchery	Number Distributed	Weight (Pounds)	Number Eggs Produced
Orangeburg NFH, SC.....	2,834,136	6,880	0
Pendills Creek NFH, MI	746,450	58,706	0
Pittsford NFH, VT	445,107	7,547	0
Private John Allen NFH, MS.....	691,197	1,867	0
Quilcene NFH, WA.....	3,562,224	49,891	3,892,224
Quinault NFH, WA.....	3,532,937	105,567	3,480,469
Richard Cronin NSS, MA.....	0.....	0.....	2,276,399
Saratoga NFH, WY.....	6,783	10,759	6,698,121
Spring Creek NFH, WA	16,146,164	217,223	7,732,033
Tishomingo NFH, OK	652,345	31,154	630,000
Uvalde NFH, TX	1,299,243	48,502	0
Valley City/Baldhill Dam NFH, ND.....	3,238,984	3,807	0
Walhalla NFH, SC.....	1,845,981	179,435	0
Welaka NFH, FL.....	2,486,001	962	0
White River NFH, VT.....	4,138,747	3,081	193,548
Willow Beach NFH, AZ.....	507,747	123,279	0
Williams Creek NFH, AZ	0.....	0	477,744
Willard NFH, WA	706,032	46,176	9,200
Winthrop NFH, WA	772,347	50,592	0
Wolf Creek NFH, KY	1,029,216	233,755	0
Warm Springs NFH, GA	192,638	6,319	0
Warm Springs NFH, OR.....	404,969	38,363	0
White Sulphur Springs NFH, WV	64,401	35,602	2,162,499
GRAND TOTAL	168,462,566	5,977,521	137,800,801

TABLE II.

Fish and Fish Egg Distribution by Species

Coldwater Species	Number Distributed	Weight (Pounds)	Number Eggs Produced
*Apache trout	81,775	34,801	477,744
Arctic grayling.....	7,418	1,059	0
Atlantic salmon	8,718,281	146,031	12,331,359
Brook trout	197,619	30,950	0
Brown trout	1,495,412	119,644	3,793,166
Chum salmon	4,974,891	16,655	4,631,391
Coho salmon	4,791,998	306,546	2,263,206
Cutthroat trout	2,179,419	255,068	0
Fall chinook salmon	42,838,532	455,000	12,193,578
*Gila Trout	150	1	0
Kokanee.....	910,150	31,680	417,433
Lake trout.....	7,189,775	416,674	15,020,036
Landlocked Atlantic salmon	111,342	8,660	0
Late fall chinook salmon	641,490	42,848	0
Rainbow trout	12,160,811	2,472,216	35,282,081
Spring chinook salmon	9,408,744	549,585	492,900
Steelhead	6,047,408	859,693	3,012,740
*Winter chinook salmon.....	44,009	607	0
Total Coldwater Species:	101,799,224	5,747,718	89,915,634

* indicates Federally listed threatened/endangered species

TABLE II. (CONTINUED)

Fish and Fish Egg Distribution by Species

Coolwater Species	Number Distributed	Weight (Pounds)	Number Eggs Produced
*Bonytail chub	234,383	1,806	37,992
*Colorado squawfish	14,805.....	45	27,940
Northern pike	7,798,115	2,074.....	1,370,500
Oconee Redhorse	70,872.....	9	0
Pumpkinseed	1	1	0
*Razorback sucker	107,362	717	25,357
Rock bass	1	1	0
Sauger	0.....	0.....	1,341,000
Saugeye	24,446.....	31	9,789,300
Shorthead redhorse	1.....	2	0
Snortnose gar	1.....	1	0
Tiger muskellunge	64,700	24	0
Walleye	32,322,684	3,416.....	34,648,078
Yellow perch.....	631,451	445	0
Total Coolwater Species	41,268,823.....	8,573	47,240,167

* indicates Federally listed threatened/endangered species

TABLE II. (CONTINUED)

Fish and Fish Egg Distribution by Species

Warmwater Species	Number Distributed	Weight (Pounds)	Number Eggs Produced
American shad.....	2,337,064.....	0.....	0.....
Atlantic sturgeon	8,824	172	0.....
Black bullhead	20,504	43	0.....
Black crappie.....	529,292	2,047	0.....
Blue catfish	147,312	3,349	0.....
Bluegill	3,444,085	4,717	0.....
Bowfin	183	1,501	0.....
Brown bullhead	1.....	1	0.....
Carp	305	1,521	0.....
Channel catfish	2,657,964	143,785	200,000
Freshwater drum	1.....	1	0.....
Goldfish	817.....	29	0.....
Green sunfish	20.....	2	0.....
Lake Sturgeon	8,917	207	0.....
Largemouth bass	3,174,769	7,911	0.....
Paddlefish	310,648	13,223	15,000
*Pallid sturgeon	2.....	1	0.....
Pallid X Shovelnose	3,080.....	40	0.....
Redbreast sunfish	900,975	1,484	0.....
Redear sunfish	322,770	293	0.....
*Shortnose sturgeon	515	1987	0.....
Shovelnose sturgeon	5,400.....	2	0.....
Smallmouth bass	999,827	2,050	430,000
Striped bass	10,433,807	36,430.....	0.....
Sturgeon	7,158.....	87	0.....

* indicates Federally listed threatened/endangered species

TABLE II. (CONTINUED)

Fish and Fish Egg Distribution by Species

Warmwater Species continued	Number Distributed	Weight (Pounds)	Number Eggs Produced
*Virgin River chub	1,290.....	26	0
White bass	1.....	2	0
White crappie	74,102	287	0
White sucker	1,780.....	30	0
*Woundfin	4,300.....	22	0
*Yaqui catfish	586.....	10	0
Total Warmwater Species.....	25,394,519	221,230	645,000
GRAND TOTAL	168,462,566	5,977,521	137,800,801

* indicates Federally listed threatened/endangered species

TABLE III.

Fish and Fish Egg Distribution Within States

State	Number Distributed	Weight (Pounds)	Number Eggs Distributed
Alabama	580,344	6,388	1,325,900
Arizona	2,310,709	231,243	3,240,295
Arkansas	4,278,101	610,524	8,498,937
California	18,178,508	298,027	0
Colorado	2,570,694	225,143	9,305,581
Connecticut	370,900	166	165,362
Florida	651,147	6,765	0
Foreign	120,000	150	0
Georgia	4,642,001	190,081	2,089,091
Idaho	7,607,958	733,311	3,978,500
Illinois	7,500	2,081	24,002,608
Iowa	1,639,222	823	0
Kentucky	828,816	229,760	2,125,796
Louisiana	5,231,163	13,924	0
Maine	1,820,098	107,709	2,132,066
Maryland	500	1	0
Massachusetts	1,117,383	2,786	1,509,732
Michigan	5,950,851	308,053	6,364,072
Minnesota	182,112	20,605	216,276
Mississippi	2,850,820	640	0
Missouri	2,287,022	103,890	1,016,910
Montana	1,335,639	78,960	3,004,403
Nebraska	522,990	808	565,108
Nevada	2,359,719	118,214	960,612
New Hampshire	2,331,934	34,773	7,000,097

TABLE III. (CONTINUED)

Fish and Fish Egg Distribution Within States

State	Number Distributed	Weight (Pounds)	Number Eggs Distributed
New Mexico	1,003,885	204,062	1,306,918
New York	635,592	50,360	473,664
North Carolina	769,649	42,341	1,586,115
North Dakota	8,404,866	65,916	2,454,231
Ohio	0	0	125,968
Oklahoma	1,103,965	71,793	9,138,523
Oregon	2,408,236	238,141	7,852,033
Pennsylvania	222,901	11,510	2,618,713
Rhode Island	304,088	612	0
South Carolina	4,426,852	163,222	904,845
South Dakota	10,075,069	15,892	535,241
Tennessee	1,830,828	320,833	4,102,183
Texas	3,860,012	41,320	1,643,600
Utah	1,123,035	99,878	916,121
Vermont	2,841,159	5,609	3,629,788
Virginia	2,342,664	0	82,233
Washington	41,852,082	966,681	11,957,082
West Virginia	405,311	213,240	91,058
Wisconsin	11,781,179	26,489	10,160,105
Wyoming	3,295,062	114,797	721,034
GRAND TOTAL	168,462,566	5,977,521	137,800,801

TABLE IV.

Fish and Fish Egg Distribution by Region

REGION 1

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program	
CALIFORNIA							
Coleman NFH	Fall chinook salmon	B	318,301	2,002		Research and Development	
	Fall chinook salmon	B	15,885,393	110,072		Restoration/Mitigation	
	<i>Distributed:</i>		16,203,694	112,074			
	Late fall chinook salmon	B	8,623	111		Research and Development	
	Late fall chinook salmon	B	191,249	10,720		Restoration/Mitigation	
	Late fall chinook salmon	C	441,618	32,017		Restoration/Mitigation	
	<i>Distributed:</i>		641,490	42,848			
	Steelhead	B	574,273	2,315		Restoration/Mitigation	
	Steelhead	C	701,857	138,300		Restoration/Mitigation	
	<i>Distributed:</i>		1,276,130	140,615			
	Winter chinook salmon	B	44,009	607		Endangered/Threatened Species	
	<i>Distributed:</i>		44,009	607			
	Total Distributed by Facility:		18,165,323	296,144			
	IDAHO						
	Dworshak NFH	Rainbow trout	B	119,295	6,723		Restoration/Mitigation
Rainbow trout		C	3,000	1,234		Restoration/Mitigation	
<i>Distributed:</i>			122,295	7,957			
Spring chinook salmon					330,500	Restoration/Mitigation	
Spring chinook salmon		C	1,600	113		Research and Development	
Spring chinook salmon		C	1,311,955	93,457		Restoration/Mitigation	
Spring chinook salmon (t)		B	117,781	4,630		Restoration/Mitigation	
<i>Distributed:</i>			1,313,555	93,570	330,500		
<i>Transferred:</i>			117,781	4,630			
Steelhead					2,454,200	Restoration/Mitigation	
Steelhead		C	2,387,182	331,777		Restoration/Mitigation	
<i>Distributed:</i>			2,387,182	331,777	2,425,000		
Total Distributed by Facility:			3,823,032	433,304	2,784,700		
Total Transferred by Facility:			117,781	4,630			

Fish and Fish Egg Distribution by Region

REGION 1 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Hagerman NFH	Steelhead	B	265,910	8,050		Restoration/Mitigation
	Steelhead	C	1,205	101		Research and Development
	Steelhead	C	1,151,544	243,285		Restoration/Mitigation
	<i>Distributed:</i>		1,418,659	251,436		
	Total Distributed by Facility:		1,418,659	251,436		
Kooskia NFH	Spring chinook salmon	C	723,056	37,156		Restoration/Mitigation
	<i>Distributed:</i>		723,056	37,156		
	Total Distributed by Facility:		723,056	37,156		

NEVADA

Lahontan NFH	Cutthroat trout	A	685	1		Research and Development
	Cutthroat trout	B	4	1		Other programs
	Cutthroat trout	B	914	6		Research and Development
	Cutthroat trout	B	154,697	2,658		Restoration/Mitigation
	Cutthroat trout	C	15	3		Other programs
	Cutthroat trout	C	39	8		Research and Development
	Cutthroat trout	C	689,702	106,784		Restoration/Mitigation
	<i>Distributed:</i>		846,056	109,461		
	Rainbow trout	B	3,063	188		Other programs
	Rainbow trout	C	5,040	8,531		Other programs
	<i>Distributed:</i>		8,103	8,719		
	Total Distributed by Facility:		854,159	118,180		

OREGON

Eagle Creek NFH	Coho salmon	B	600,382	7,210		Restoration/Mitigation
	Coho salmon	C	1,737,734	155,699		Restoration/Mitigation
	<i>Distributed:</i>		2,338,116	162,909		
	Steelhead	B	68,254	374		Restoration/Mitigation
	Steelhead	C	1,850	925		Mgmt. Asst. on Fed/Indian
	Steelhead	C	196,603	43,103		Restoration/Mitigation
	<i>Distributed:</i>		266,707	44,402		
	Total Distributed by Facility:		2,604,823	207,311		

Fish and Fish Egg Distribution by Region

REGION 1 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Warm Springs NFH	Rainbow trout	C	2,908	1,393		Restoration/Mitigation
	<i>Distributed:</i>		2,908	1,393		
	Spring chinook salmon	B	130	1		Research and Development
	Spring chinook salmon	C	3,289	255		Other programs
	Spring chinook salmon	C	500	48		Research and Development
	Spring chinook salmon	C	398,142	36,666		Restoration/Mitigation
	<i>Distributed:</i>		402,061	36,970		
	Total Distributed by Facility:		404,969	38,363		
WASHINGTON						
Abernathy STC	Fall chinook salmon				798,605	Restoration/Mitigation
	Fall chinook salmon	B	1,439,452	30,290		Restoration/Mitigation
	<i>Distributed:</i>		1,439,452	30,290	798,605	
	Total Distributed by Facility:		1,439,452	30,290	798,605	
Carson NFH	Spring chinook salmon	C	2,195,192	120,524		Restoration/Mitigation
	<i>Distributed:</i>		2,195,192	120,524		
	Total Distributed by Facility:		2,195,192	120,524		
Entiat NFH	Spring chinook salmon	B	800	36		Research and Development
	Spring chinook salmon	B	186,817	3,674		Restoration/Mitigation
	Spring chinook salmon	C	391,211	27,673		Restoration/Mitigation
	<i>Distributed:</i>		578,828	31,383		
	Total Distributed by Facility:		578,828	31,383		
Leavenworth NFH	Spring chinook salmon				42,400	Research and Development
	Spring chinook salmon	B	1,712,648	97,388		Restoration/Mitigation
	Spring chinook salmon (t) A		374,163	321		Restoration/Mitigation
	<i>Distributed:</i>		1,712,648	97,388	42,400	
	<i>Transferred:</i>		374,163	321		
	Steelhead	C	87,722	13,496		Restoration/Mitigation
	<i>Distributed:</i>		87,722	13,496		
	Total Distributed by Facility:		1,800,370	110,884	42,400	
Total Transferred by Facility:		374,163	321			

Fish and Fish Egg Distribution by Region

REGION 1 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Little White Salmon/	Fall chinook salmon	B	4,977	40		Research and Development
Willard NFH	Fall chinook salmon	B	5,071,460	33,884		Restoration/Mitigation
	Distributed:		5,076,437	33,924		
	Spring chinook salmon				120,000	Restoration/Mitigation
	Spring chinook salmon	B	3,000	76		Research and Development
	Spring chinook salmon	C	2,099	113		Research and Development
	Spring chinook salmon	C	1,057,864	70,073		Restoration/Mitigation
	Distributed:		1,062,963	70,262	120,000	
	Total Distributed by Facility:		6,139,400	104,186	120,000	
Makah NFH	Coho salmon				281,853	Restoration/Mitigation
	Coho salmon	B	167,344	3,610		Restoration/Mitigation
	Coho salmon	C	281,853	18,791		Restoration/Mitigation
	Distributed:		449,197	22,401	281,853	
	Fall chinook salmon				3,204,540	Restoration/Mitigation
	Fall chinook salmon	B	3,305,623	44,277		Restoration/Mitigation
	Distributed:		3,305,623	44,277	3,204,540	
	Steelhead				247,791	Restoration/Mitigation
	Steelhead	B	72,500	82		Restoration/Mitigation
	Steelhead	C	175,291	25,273		Restoration/Mitigation
	Distributed:		247,791	25,355	247,791	
	Total Distributed by Facility:		4,002,611	92,033	3,734,184	
Quilcene NFH	Chum salmon				2,575,391	Restoration/Mitigation
	Chum salmon	B	2,918,891	12,711		Restoration/Mitigation
	Distributed:		2,918,891	12,711	2,575,391	
	Coho salmon				1,316,833	Restoration/Mitigation
	Coho salmon	B	218,000	9,198		Restoration/Mitigation
	Coho salmon	C	425,333	27,982		Restoration/Mitigation
	Distributed:		643,333	37,180	1,316,833	
	Total Distributed by Facility:		3,562,224	49,891	3,892,224	

Fish and Fish Egg Distribution by Region

REGION 1 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Quinault NFH	Chum salmon				2,056,000	Restoration/Mitigation
	Chum salmon	B	2,056,000	3,944		Restoration/Mitigation
	Distributed:		2,056,000	3,944	2,056,000	
	Coho salmon				655,320	Restoration/Mitigation
	Coho salmon	B	655,320	37,880		Restoration/Mitigation
	Distributed:		655,320	37,880		
	Fall chinook salmon				458,400	Restoration/Mitigation
	Fall chinook salmon	B	458,400	11,131		Restoration/Mitigation
	Distributed:		458,400	11,131	458,400	
	Steelhead				310,749	Restoration/Mitigation
	Steelhead	B	61,958	710		Restoration/Mitigation
	Steelhead	C	301,259	51,902		Restoration/Mitigation
	Distributed:		363,217	52,612	310,749	
	Total Distributed by Facility:		3,532,937	105,567	3,480,469	
	Spring Creek NFH	Fall chinook salmon				7,732,033
Fall chinook salmon		B	15,990,014	210,434		Restoration/Mitigation
Distributed:			15,990,014	210,434	7,732,033	
Spring chinook salmon		B	156,150	6,789		Restoration/Mitigation
Distributed:			156,150	6,789		
Total Distributed by Facility:		16,146,164	217,223	7,732,033		
Willard NFH	Coho salmon				2,000	Other programs
	Coho salmon				7,200	Research and Development
	Coho salmon	C	706,032	46,176		Restoration/Mitigation
	Distributed:		706,032	46,176	9,200	
	Total Distributed by Facility:		706,032	46,176	9,200	
Winthrop NFH	Spring chinook salmon	C	1,500	90		Research and Development
	Spring chinook salmon	C	770,847	50,502		Restoration/Mitigation
	Distributed:		772,347	50,592		
	Total Distributed by Facility:		772,347	50,592		
REGION 1 TOTALS						
	Region 1 Total Distributed		68,869,578	2,340,643	22,593,815	
	Region 1 Total Transferred		491,944	4,951	0	
	Region 1 Grand Total		69,361,522	2,345,594	22,593,815	

Fish and Fish Egg Distribution by Region

REGION 2

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
ARIZONA						
Alchesay/	Apache trout	B	761	7		Endangered/Threatened Species
Williams Creek NFH	Apache trout	C	81,014	34,794		Endangered/Threatened Species
	Distributed:		81,775	34,801		
	Brook trout	B	75,233	736		Mgmt. Asst. on Fed/Indian
	Distributed:		75,233	736		
	Brown trout	B	42,067	994		Mgmt. Asst. on Fed/Indian
	Brown trout	C	47,333	5,361		Mgmt. Asst. on Fed/Indian
	Distributed:		89,400	6,355		
	Cutthroat trout	C	78,571	15,653		Mgmt. Asst. on Fed/Indian
	Distributed:		78,571	15,653		
	Rainbow trout	B	77,499	4,477		Mgmt. Asst. on Fed/Indian
	Rainbow trout	B	250	15		Research and Development
	Rainbow trout	C	328,729	78,957		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	230	62		Research and Development
	Distributed:		406,708	83,511		
	Total Distributed by Facility:		731,687	141,056		
Willow Beach NFH	Rainbow trout	C	198,740	24,827		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	309,007	98,452		Restoration/Mitigation
	Distributed:		507,747	123,279		
	Total Distributed by Facility:		507,747	123,279		
Williams Creek NFH	Apache trout				477,744	Endangered/Threatened Species
	Distributed:				477,744	
	Total Distributed by Facility:				477,744	
NEW MEXICO						
Dexter NFH	Bonytail chub				37,992	Endangered/Threatened Species
	Bonytail chub	B	179,304	1,543		Endangered/Threatened Species
	Bonytail chub (t)	B	48,079	200		Endangered/Threatened Species
	Distributed:		179,304	1,543	37,992	
	Transferred:		48,079	200		

Fish and Fish Egg Distribution by Region

REGION 2 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program	
Dexter NFH continued	Colorado squawfish				27,940	Endangered/Threatened Species	
	Colorado squawfish	B	14,805	45		Endangered/Threatened Species	
	<i>Distributed:</i>		14,805	45	27,940		
	Razorback sucker				25,357	Endangered/Threatened Species	
	Razorback sucker	A	69,915	1		Endangered/Threatened Species	
	Razorback sucker	B	37,158	388		Endangered/Threatened Species	
	Razorback sucker	C	289	328		Endangered/Threatened Species	
	<i>Distributed:</i>		107,362	717	25,357		
	Virgin River chub	B	1,290	26		Endangered/Threatened Species	
	<i>Distributed:</i>		1,290	26			
	Woundfin	B	4,300	22		Endangered/Threatened Species	
	<i>Distributed:</i>		4,300	22			
	Yaqui catfish	B	12	1		Endangered/Threatened Species	
	Yaqui catfish (t)	C	19	5		Endangered/Threatened Species	
	<i>Distributed:</i>		12	1			
	<i>Transferred:</i>		19	5			
	Total Distributed by Facility:		307,073	2,354	91,289		
	Total Transferred by Facility:		48,098	205			
	Mescalero NFH	Gila trout	B	150	1		Endangered/Threatened Species
		<i>Distributed:</i>		150	1		
Rainbow trout		B	12,500	479		Endangered/Threatened Species	
Rainbow trout		C	223,131	88,302		Mgmt. Asst. on Fed/Indian	
Rainbow trout		C	4,165	1,666		Other programs	
Rainbow trout		C	45,000	10,811		Restoration/Mitigation	
Rainbow trout (t)		C	7,500	2,632		Mgmt. Asst. on Fed/Indian	
<i>Distributed:</i>			284,796	101,258			
<i>Transferred:</i>			7,500	2,632			
Total Distributed by Facility:			284,946	101,259			
Total Transferred by Facility:		7,500	2,632				

Fish and Fish Egg Distribution by Region

REGION 2 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
OKLAHOMA						
Tishomingo NFH	Bluegill	C	275	46		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		275	46		
	Channel catfish				200,000	Egg Shipment
	Channel catfish	B	26,500	903		Mgmt. Asst. on Fed/Indian
	Channel catfish	B	147,950	3,014		Other programs
	Channel catfish	C	65,725	7,844		Mgmt. Asst. on Fed/Indian
	Channel catfish	C	80,260	7,079		Other programs
	Channel catfish	C	24,000	2,817		Research and Development
	Channel catfish	C	67,900	7,792		Restoration/Mitigation
	<i>Distributed:</i>		412,335	29,449	200,000	
	Paddlefish	C	5,675	1,095		Restoration/Mitigation
	Paddlefish (t)	A	15,000	901		Restoration/Mitigation
	<i>Distributed:</i>		5,675	1,095		
	<i>Transferred:</i>		15,000	1		
	Smallmouth bass				430,000	Egg Shipment
	Smallmouth bass	B	25,900	71		Mgmt. Asst. on Fed/Indian
	Smallmouth bass	B	154,100	434		Restoration/Mitigation
	<i>Distributed:</i>		180,000	505	430,000	
	Striped bass	A	38,000	30		Restoration/Mitigation
	Striped bass (t)	B	1,060	28		Restoration/Mitigation
	<i>Distributed:</i>		38,000	30		
	<i>Transferred:</i>		1,060	28		
	Total Distributed by Facility:		636,285	31,125	630,000	
	Total Transferred by Facility:		16,060	29		
TEXAS						
Inks Dam NFH	Channel catfish	B	160,850	5,945		Mgmt. Asst. on Fed/Indian
	Channel catfish	B	55,110	1,778		Other programs
	Channel catfish	B	32,000	1,032		Restoration/Mitigation
	Channel catfish	C	183,837	36,338		Mgmt. Asst. on Fed/Indian
	Channel catfish	C	8,110	1,335		Other programs
	Channel catfish	C	3,000	3,000		Restoration/Mitigation
	<i>Distributed:</i>		442,907	49,428		

Fish and Fish Egg Distribution by Region

REGION 2 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Inks Dam NFH	Largemouth bass	A	187,900	139		Mgmt. Asst. on Fed/Indian
continued:	<i>Distributed:</i>		187,900	139		
	Rainbow trout	C	7,400	3,175		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	2,950	1,109		Other programs
	<i>Distributed:</i>		10,350	4,284		
	Striped bass	A	137,440	103		Restoration/Mitigation
	Striped bass (t)	B	1,800	2		Restoration/Mitigation
	<i>Distributed:</i>		137,440	103		
	<i>Transferred:</i>		1,800	2		
	Total Distributed by Facility:		778,597	53,954		
	Total Transferred by Facility:		1,800	2		
Uvalde NFH	Channel catfish	B	489,397	9,759		Mgmt. Asst. on Fed/Indian
	Channel catfish	C	65,718	23,366		Mgmt. Asst. on Fed/Indian
	Channel catfish	C	50,347	9,449		Other programs
	Channel catfish	C	371	1,088		Restoration/Mitigation
	<i>Distributed:</i>		605,833	43,662		
	Goldfish	A	500	1		Research and Development
	Goldfish	B	317	28		Research and Development
	<i>Distributed:</i>		817	29		
	Largemouth bass	A	44,500	45		Mgmt. Asst. on Fed/Indian
	Largemouth bass	A	417,950	436		Restoration/Mitigation
	Largemouth bass	B	41,778	2,889		Mgmt. Asst. on Fed/Indian
	Largemouth bass	B	126,800	159		Other programs
	Largemouth bass	B	48,300	70		Restoration/Mitigation
	Largemouth bass	B	4,794	400		Mgmt. Asst. on Fed/Indian
	Largemouth bass	C	392	107		Research and Development
	Largemouth bass	C	334	160		Restoration/Mitigation
	<i>Distributed:</i>		684,848	4,266		
	Paddlefish	C	540	89		Research and Development
	Paddlefish	C	6,650	452		Restoration/Mitigation
	<i>Distributed:</i>		7,190	541		

Fish and Fish Egg Distribution by Region

REGION 2 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Uvalde NFH	Yaqui catfish	B	549	3		Endangered/Threatened Species
continued:	Yaqui catfish	C	6	1		Endangered/Threatened Species
	<i>Distributed:</i>		555	4		
	Total Distributed by Facility:		1,299,243	48,502		
REGION 2 TOTALS						
	Region 2 Total Distributed		4,545,578	501,529	1,199,033	
	Region 2 Total Transferred		73,458	2,868	0	
	Region 2 Grand Total		4,619,036	504,397	1,199,033	

Fish and Fish Egg Distribution by Region

REGION 3

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
MICHIGAN						
Hiawatha Forest NFH	Lake trout				10,100	Research and Development
	Lake trout				5,135,290	Restoration/Mitigation
	<i>Distributed:</i>				5,145,390	
	Total Distributed by Facility:				5,145,390	
Jordan River NFH	Lake trout	B	805,650	17,344		Restoration/Mitigation
	Lake trout	C	1,920,480	149,675		Restoration/Mitigation
	Lake trout (t)	B	853,550	3,319		Restoration/Mitigation
	<i>Distributed:</i>		2,726,130	167,019		
	<i>Transferred:</i>		853,550	3,319		
	Total Distributed by Facility:		2,726,130	167,019		
Total Transferred by Facility:		853,550	3,319			
Pendills Creek NFH	Lake trout	C	746,450	58,706		Restoration/Mitigation
	<i>Distributed:</i>		746,450	58,706		
	Total Distributed by Facility:		746,450	58,706		
MISSOURI						
Neosho NFH	Lake Sturgeon	C	3,385	61		Restoration/Mitigation
	<i>Distributed:</i>		3,385	61		
	Rainbow trout	C	9,000	2,636		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	269,897	103,795		Restoration/Mitigation
	Rainbow trout (t)	B	48,450	709		Restoration/Mitigation
	<i>Distributed:</i>		278,897	106,431		
	<i>Transferred:</i>		48,450	709		
	Striped bass	B	26,625	53		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		26,625	53		
	Walleye	A	1,000	1		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		1,000	1		
	Total Distributed by Facility:		309,907	106,546		
	Total Transferred by Facility:		48,450	709		

Fish and Fish Egg Distribution by Region

REGION 3 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program	
WISCONSIN							
Genoa NFH	Black bullhead	A	20,484	41		Research and Development	
	Black bullhead	C	20	2		Research and Development	
	<i>Distributed:</i>		20,504	43			
	Black crappie	C	300	150		Mgmt. Asst. on Fed/Indian	
	<i>Distributed:</i>		300	150			
	Bluegill	B	20	2		Research and Development	
	Bluegill	C	105	53		Mgmt. Asst. on Fed/Indian	
	<i>Distributed:</i>		125	55			
	Brown trout					375,718	Cooperator Management Program
	Brown trout					39,061	Mgmt. Asst. on Fed/Indian
	Brown trout					33,948	Research and Development
	<i>Distributed:</i>					448,727	
	Bowfin	C	182	1,500			Mgmt. Asst. on Fed/Indian
	Bowfin	C	1	1			Research and Development
	<i>Distributed:</i>		183	1,501			
	Brown bullhead	C	1	1			Research and Development
	<i>Distributed:</i>		1	1			
	Carp	C	305	1,521			Research and Development
	<i>Distributed:</i>		305	1,521			
	Freshwater drum	C	1	1			Research and Development
	<i>Distributed:</i>		1	1			
	Green sunfish	B	20	2			Research and Development
	<i>Distributed:</i>		20	2			
	Largemouth bass	A	66,113	47			Mgmt. Asst. on Fed/Indian
	Largemouth bass	A	10,800	4			Research and Development
	Largemouth bass	B	2,370	180			Mgmt. Asst. on Fed/Indian
	Largemouth bass	B	3,942	300			Restoration/Mitigation
Largemouth bass	C	1,520	391			Mgmt. Asst. on Fed/Indian	
Largemouth bass	C	256	52			Research and Development	
Largemouth bass	C	100	300			Restoration/Mitigation	
<i>Distributed:</i>		85,101	1,274				

Fish and Fish Egg Distribution by Region

REGION 3 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Genoa NFH	Lake Sturgeon	C	5,532	146		Restoration/Mitigation
continued:	<i>Distributed:</i>		5,532	146		
	Northern pike				131,360	Research and Development
	Northern pike				279,140	Restoration/Mitigation
	Northern pike	A	1,937,740	63		Mgmt. Asst. on Fed/Indian
	Northern pike	A	1,350,000	12		Restoration/Mitigation
	<i>Distributed:</i>		3,287,740	75	410,500	
	Pumpkinseed	C	1	1		Research and Development
	<i>Distributed:</i>		1	1		
	Rainbow trout	B	400	6		Research and Development
	Rainbow trout	C	27,859	5,489		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	100	8		Research and Development
	<i>Distributed:</i>		28,359	5,503		
	Rock bass	C	1	1		Research and Development
	<i>Distributed:</i>		1	1		
	Sauger				150,000	Restoration/Mitigation
	Sauger				1,191,000	Tradeoff
	<i>Distributed:</i>				1,341,000	
	Shorthead redhorse	C	1	2		Research and Development
	<i>Distributed:</i>		1	2		
	Smallmouth bass	B	8,636	17		Research and Development
	<i>Distributed:</i>		8,636	17		
	Snortnose gar	C	1	1		Research and Development
	<i>Distributed:</i>		1	1		
	Spotted sucker	C	1	1		Research and Development
	<i>Distributed:</i>		1	1		
	Walleye				3,017,823	Other programs
	Walleye				631,200	Research and Development

Fish and Fish Egg Distribution by Region

REGION 3 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Genoa NFH	Walleye				14,597,255	Restoration/Mitigation
continued:	Walleye				1,523,800	Trade off
	Walleye	A	9,520,000	56		Mgmt. Asst. on Fed/Indian
	Walleye	A	770,000	4		Other programs
	Walleye	A	197,000	1		Restoration/Mitigation
	Walleye	B	12,967	355		Mgmt. Asst. on Fed/Indian
	Walleye	B	5,096	7		Research and Development
	Walleye	C	2,500	167		Mgmt. Asst. on Fed/Indian
	Walleye	C	271	542		Other programs
	Walleye	C	1	1		Research and Development
	Distributed:		10,507,835	1,133	19,770,078	
	White bass	C	1	2		Research and Development
	Distributed:		1	2		
	White crappie	C	2	2		Research and Development
	Distributed:		2	2		
	Saugeye				3,729,300	Restoration/Mitigation
	Distributed:				3,729,300	
	Yellow perch	B	200	10		Research and Development
	Yellow perch	C	51	75		Research and Development
	Distributed:		251	85		
	Total Distributed by Facility:		13,944,901	11,517	25,699,605	
Iron River NFH	Lake trout				60,000	Mgmt. Asst. on Fed/Indian
	Lake trout				268,300	Other programs
	Lake trout				3,509,494	Restoration/Mitigation
	Lake trout	B	985,421	26,832		Restoration/Mitigation
	Lake trout	C	2,092	2,279		Mgmt. Asst. on Fed/Indian
	Lake trout	C	968,635	83,347		Restoration/Mitigation
	Lake trout	C	3,700	2,067		Other programs
	Distributed:		1,959,848	114,525	3,837,794	
	Total Distributed by Facility:		1,959,848	114,525	3,837,794	
REGION 3 TOTALS						
	Region 3 Total Distributed		19,687,236	458,313	34,682,789	
	Region 3 Total Transferred		902,000	4,028	0	
	Region 3 Grand Total		20,589,236	462,341	34,682,789	

(t) = Transferred to a Service facility Size Key: A = Less than 1.5" B = 1.5" to 5.5" C = Greater than 5.5"

Fish and Fish Egg Distribution by Region

REGION 4

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
ALABAMA						
Carbon Hill NFH	Bluegill	A	825,000	550		Restoration/Mitigation
	Bluegill	B	150,000	500		Restoration/Mitigation
	Bluegill (t)	A	240,000	600		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		975,000	1,050		
	<i>Transferred:</i>		240,000	600		
	Channel catfish	B	127,700	4,680		Restoration/Mitigation
	Channel catfish	C	975	325		Mgmt. Asst. on Fed/Indian
	Channel catfish	C	50,000	1,693		Restoration/Mitigation
	Channel catfish (t)	B	15,000	75		Other programs
	<i>Distributed:</i>		178,675	6,698		
	<i>Transferred:</i>		15,000	75		
	Paddlefish	C	3,270	1,263		Restoration/Mitigation
	<i>Distributed:</i>		3,270	1,263		
	Striped bass	B	136,000	225		Restoration/Mitigation
	<i>Distributed:</i>		136,000	225		
	Walleye	A	25,500	17		Restoration/Mitigation
	Walleye	B	30,000	30		Restoration/Mitigation
	<i>Distributed:</i>		55,500	47		
	Total Distributed by Facility:		1,348,445	9,283		
	Total Transferred by Facility:		255,000	675		
ARKANSAS						
Greers Ferry NFH	Brook trout	C	47,637	4,855		Restoration/Mitigation
	<i>Distributed:</i>		47,637	4,855		
	Rainbow trout	B	326,100	17,668		Restoration/Mitigation
	Rainbow trout	C	655,378	201,386		Restoration/Mitigation
	Rainbow trout (t)	B	34,500	1,314		Restoration/Mitigation
	Rainbow trout (t)	C	19,400	2,160		Restoration/Mitigation
	<i>Distributed:</i>		981,478	219,054		
	<i>Transferred:</i>		53,900	3,474		
	Total Distributed by Facility:		1,029,115	223,909		
	Total Transferred by Facility:		53,900	3,474		

Fish and Fish Egg Distribution by Region

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Mammoth Spring	Bluegill	B	19,500	26		Research and Development
NFH	Bluegill	B	92,400	42		Restoration/Mitigation
	<i>Distributed:</i>		111,900	68		
	Channel catfish	B	123,500	1,300		Restoration/Mitigation
	Channel catfish	C	23,000	1,400		Restoration/Mitigation
	<i>Distributed:</i>		146,500	2,700		
	Largemouth bass	B	22,000	22		Restoration/Mitigation
	<i>Distributed:</i>		22,000	22		
	Paddlefish	C	5,025	415		Restoration/Mitigation
	Paddlefish (t)	B	6,000	25		Restoration/Mitigation
	<i>Distributed:</i>		5,025	415		
	<i>Transferred:</i>		6,000	25		
	Redear sunfish	B	63,550	41		Restoration/Mitigation
	<i>Distributed:</i>		63,550	41		
	Smallmouth bass	B	30,000	15		Restoration/Mitigation
	Smallmouth bass	C	61	122		Restoration/Mitigation
	<i>Distributed:</i>		30,061	137		
	Striped bass (t)	A	2,800,000	5		Restoration/Mitigation
	<i>Transferred:</i>		2,800,000	5		
	Sturgeon	B	5,225	37		Restoration/Mitigation
	<i>Distributed:</i>		5,225	37		
	Walleye	B	299,300	226		Restoration/Mitigation
	<i>Distributed:</i>		299,300	226		
	Total Distributed by Facility:		683,561	3,646		
	Total Transferred by Facility:		2,806,000	30		

Fish and Fish Egg Distribution by Region

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Norfolk NFH	Brown trout	B	6,500	432		Restoration/Mitigation
	Brown trout	C	83,000	10,441		Restoration/Mitigation
	<i>Distributed:</i>		89,500	10,873		
	Cutthroat trout	C	231,000	21,732		Restoration/Mitigation
	<i>Distributed:</i>		231,000	21,732		
	Rainbow trout	B	432,030	23,596		Restoration/Mitigation
	Rainbow trout	C	6,800	2,061		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	1,184,472	374,052		Restoration/Mitigation
	<i>Distributed:</i>		1,623,302	399,709		
	Total Distributed by Facility:		1,943,802	432,314		
FLORIDA						
Welaka NFH	Bluegill	B	8,000	20		Research and Development
	<i>Distributed:</i>		8,000	20		
	Largemouth bass	A	122,775	176		Mgmt. Asst. on Fed/Indian
	Largemouth bass (t)	A	104,750	149		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		122,775	176		
	<i>Transferred:</i>		104,750	149		
	Striped bass	A	602,373	432		Restoration/Mitigation
	Striped bass	B	116,063	175		Restoration/Mitigation
	Striped bass (t)	A	40,000	0		Future Broodstock
	Striped bass (t)	A	1,491,000	0		Restoration/Mitigation
	<i>Distributed:</i>		718,436	607		
	<i>Transferred:</i>		1,531,000	0		
	Sturgeon	B	240	4		Research and Development
	Sturgeon (t)	B	800	6		Research and Development
	<i>Distributed:</i>		240	4		
	<i>Transferred:</i>		800	6		
	Total Distributed by Facility:		849,451	807		
	Total Transferred by Facility:		1,636,550	155		

Fish and Fish Egg Distribution by Region

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
GEORGIA						
Bo Ginn NFH/AQ	Bluegill	A	103,283	305		Endangered/Threatened Species
	Bluegill	B	1,171,885	1,670		Endangered/Threatened Species
	Bluegill	B	79,200	84		Mgmt. Asst. on Fed/Indian
	Distributed:		1,354,368	2,059		
	Channel catfish	B	37,559	879		Mgmt. Asst. on Fed/Indian
	Distributed:		37,559	879		
	Largemouth bass	B	94,900	135		Mgmt. Asst. on Fed/Indian
	Distributed:		94,900	135		
	Redear sunfish	B	19,800	13		Mgmt. Asst. on Fed/Indian
	Distributed:		19,800	13		
	Shortnose sturgeon (t)	C	33	361		Endangered/Threatened Species
	Transferred:		33	361		
	Striped bass	C	42,961	4,807		Restoration/Mitigation
	Distributed:		42,961	4,807		
	Total Distributed by Facility:		1,549,588	7,893		
Total Transferred by Facility:		33	361			
Chattahoochee Forest NFH	Rainbow trout	B	526,350	23,092		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	284,640	118,961		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	42,768	13,863		Restoration/Mitigation
	Distributed:		853,758	155,916		
Total Distributed by Facility:		853,758	155,916			
Warm Springs NFH	Oconee Redhorse	A	42,250	6		Endangered/Threatened Species
	Oconee Redhorse (t)	A	28,622	3		Endangered/Threatened Species
	Distributed:		42,250	6		
	Transferred:		28,622	3		
	Striped bass	B	91,353	348		Restoration/Mitigation
	Striped bass	C	18	153		Research and Development
	Striped bass	C	30,395	5,809		Restoration/Mitigation
	Distributed:		121,766	6,316		
	Total Distributed by Facility:		164,016	6,310		
Total Transferred by Facility:		28,622	3			

Fish and Fish Egg Distribution by Region

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
KENTUCKY						
Wolf Creek NFH	Brown trout	B	5,325	62		Mgmt. Asst. on Fed/Indian
	Brown trout	C	12,554	3,082		Mgmt. Asst. on Fed/Indian
	Brown trout	C	77,615	17,804		Restoration/Mitigation
	Brown trout (t)	C	12,925	3,000		Restoration/Mitigation
	<i>Distributed:</i>		95,494	20,948		
	<i>Transferred:</i>		12,925	3,000		
	Rainbow trout	B	40,000	1,120		Restoration/Mitigation
	Rainbow trout	C	241,923	72,581		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	1,992	231		Research and Development
	Rainbow trout	C	432,532	134,879		Restoration/Mitigation
	Rainbow trout (t)	B	204,350	996		Restoration/Mitigation
	<i>Distributed:</i>		716,447	208,811		
	<i>Transferred:</i>		204,350	996		
	Total Distributed by Facility:		811,941	229,759		
	Total Transferred by Facility:		217,275	3,996		
	LOUISIANA					
Natchitoches NFH	Blue catfish	A	89,200	7		Restoration/Mitigation
	Blue catfish	C	58,112	3,342		Restoration/Mitigation
	<i>Distributed:</i>		147,312	3,349		
	Bluegill	B	5,000	10		Restoration/Mitigation
	<i>Distributed:</i>		5,000	10		
	Channel catfish	A	222,800	17		Restoration/Mitigation
	Channel catfish	B	66,284	1,457		Restoration/Mitigation
	Channel catfish	C	15,561	819		Restoration/Mitigation
	<i>Distributed:</i>		304,645	2,293		
	Largemouth bass	A	297,735	217		Restoration/Mitigation
	<i>Distributed:</i>		297,735	217		
	Paddlefish				15,000	Restoration/Mitigation
	Paddlefish	A	16,875	1		Restoration/Mitigation
	Paddlefish	B	3,962	10		Restoration/Mitigation
	Paddlefish	C	93	9		Restoration/Mitigation

Fish and Fish Egg Distribution by Region

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Natchitoches NFH	Paddlefish (t)	A	206,576	12		Restoration/Mitigation
continued:	<i>Distributed:</i>		20,930	20	15,000	
	<i>Transferred:</i>		206,576	12		
	Redear sunfish	B	4,970	14		Restoration/Mitigation
	<i>Distributed:</i>		4,970	14		
	Striped bass	A	2,029,796	722		Restoration/Mitigation
	<i>Distributed:</i>		2,029,796	722		
	Total Distributed by Facility:		2,810,388	6,625	15,000	
	Total Transferred by Facility:		206,576	12		

MISSISSIPPI

Private John Allen NFH, MS	Bluegill	B	184,600	200		Restoration/Mitigation
	<i>Distributed:</i>		184,600	200		
	Channel catfish	B	69,800	560		Restoration/Mitigation
	<i>Distributed:</i>		69,800	560		
	Largemouth bass	A	32,300	17		Farm Pond Program
	Largemouth bass	B	124,120	163		Farm Pond Program
	<i>Distributed:</i>		156,420	180		
	Paddlefish	C	2,937	651		Restoration/Mitigation
	<i>Distributed:</i>		2,937	651		
	Redear sunfish	B	234,450	225		Restoration/Mitigation
	<i>Distributed:</i>		234,450	225		
	Striped bass	B	42,990	51		Restoration/Mitigation
	<i>Distributed:</i>		42,990	51		
	Total Distributed by Facility:		691,197	1,867		

NORTH CAROLINA

Edenton NFH	Striped bass	A	159,384	143		Restoration/Mitigation
	Striped bass	B	448,420	10,137		Restoration/Mitigation
	Striped bass	C	29,987	2,353		Restoration/Mitigation
	<i>Distributed:</i>		29,987	2,353		
	Total Distributed by Facility:		637,791	12,633		

Fish and Fish Egg Distribution by Region

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
McKinney Lake NFH	Bluegill	A	20,020	26		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		20,020	26		
	Largemouth bass	B	5,260	20		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		5,260	20		
	Smallmouth bass	B	5,418	69		Restoration/Mitigation
	Striped bass	A	125,116	147		Restoration/Mitigation
	Striped bass	B	90,414	4,483		Restoration/Mitigation
	Striped bass	C	13,917	1,576		Restoration/Mitigation
	<i>Distributed:</i>		229,447	6,206		
	Total Distributed by Facility:		260,145	6,321		

SOUTH CAROLINA

Bears Bluff NFH	Shortnose sturgeon	A	200	1		Endangered/Threatened Species
	Shortnose sturgeon (t)	C	216	877		Endangered/Threatened Species
	<i>Distributed:</i>		200	1		
	<i>Transferred:</i>		216	877		
	Total Distributed by Facility:		200	1		
Total Transferred by Facility:		216	877			
Orangeburg NFH	Redbreast sunfish	B	900,975	1,484		Restoration/Mitigation
	<i>Distributed:</i>		900,975	1,484		
	Shortnose sturgeon (t)	C	66	748		Endangered/Threatened Species
	<i>Transferred:</i>		66	748		
	Striped bass	A	1,871,808	1,110		Restoration/Mitigation
	Striped bass	B	27,096	212		Restoration/Mitigation
	Striped bass	B	200	21		Research and Development
	Striped bass	C	33,991	3,305		Restoration/Mitigation
	<i>Distributed:</i>		1,933,095	4,648		
	Total Distributed by Facility:		2,834,070	6,132		
Total Transferred by Facility:		66	748			
Walhalla NFH	Brown trout	A	218,364	18		Mgmt. Asst. on Fed/Indian
	Brown trout	B	438,750	6,156		Mgmt. Asst. on Fed/Indian
	Brown trout	B	7,440	120		Other programs

Fish and Fish Egg Distribution by Region

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Walhalla NFH continued:	Brown trout	C	106,547	19,117		Mgmt. Asst. on Fed/Indian
	Brown trout	C	50,218	13,234		Other programs
	Brown trout (t)	B	134,209	426		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		821,319	38,645		
	<i>Transferred:</i>		134,209	426		
	Rainbow trout	B	505,678	15,449		Mgmt. Asst. on Fed/Indian
	Rainbow trout	B	5,788	101		Other programs
	Rainbow trout	B	185,286	69,467		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	80,730	26,126		Other programs
	Rainbow trout	C	26,894	24,971		Restoration/Mitigation
	Rainbow trout (t)	B	66,736	1,100		Mgmt. Asst. on Fed/Indian
	Rainbow trout (t)	C	19,341	3,150		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		804,376	136,114		
	<i>Transferred:</i>		86,077	4,250		
	Total Distributed by Facility:		1,625,695	174,759		
Total Transferred by Facility:		220,286	4,676			
TENNESSEE						
Dale Hollow NFH	Brown trout	C	121,361	28,170		Restoration/Mitigation
	<i>Distributed:</i>		121,361	28,170		
	Lake trout	C	78,211	6,499		Restoration/Mitigation
	<i>Distributed:</i>		78,211	6,499		
	Rainbow trout	B	205,346	8,876		Restoration/Mitigation
	Rainbow trout	C	2,017	617		Research and Development
	Rainbow trout	C	788,305	247,899		Restoration/Mitigation
	Rainbow trout (t)	B	489,011	5,337		Restoration/Mitigation
	<i>Distributed:</i>		995,668	257,392		
	<i>Transferred:</i>		489,011	5,337		
Total Distributed by Facility:		1,195,240	292,061			
Total Transferred by Facility:		489,011	5,337			
Erwin NFH	Rainbow trout				126,144	Cooperator Management Program
	Rainbow trout				63,065	Future Broodstock
	Rainbow trout				3,214,870	Mgmt. Asst. on Fed/Indian
	Rainbow trout				13,311	Other programs
	Rainbow trout				61,097	Research and Development

Fish and Fish Egg Distribution by Region

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Erwin NFH	Rainbow trout				10,076,244	Restoration/Mitigation
continued:	Rainbow trout				128,340	Trade off
	Rainbow trout	A	28,000	14		Research and Development
	Rainbow trout	B	17,875	562		Mgmt. Asst. on Fed/Indian
	Rainbow trout	B	200	1		Research and Development
	Rainbow trout	C	25,063	33,844		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	2,097	6,417		Other programs
	Rainbow trout	C	400	1,224		Restoration/Mitigation
	Distributed:		73,635	42,062	13,683,071	
	Total Distributed by Facility:		73,635	42,062	13,683,071	
REGION 4 TOTALS						
	Region 4 Total Distributed		19,362,038	1,612,304	13,698,071	
	Region 4 Total Transferred		5,913,535	20,344	0	
	Region 4 Grand Total		25,275,573	1,632,648	13,698,071	

Fish and Fish Egg Distribution by Region

REGION 5

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
MASSACHUSETTS						
North Attleboro NFH	Atlantic salmon				1,288,532	Egg shipment
	Atlantic salmon	A	12,732	3		Research and Development
	Atlantic salmon	A	2,307,527	831		Restoration/Mitigation
	Atlantic salmon	C	50	500		Other programs
	Atlantic salmon	C	515	169		Research and Development
	Atlantic salmon	C	8,861	2,527		Restoration/Mitigation
	Distributed:		2,329,685	4,030	1,288,532	
	Rainbow trout	B	5,400	60		Other programs
	Rainbow trout	C	838	1,060		Other programs
	Distributed:		6,238	1,120		
	Total Distributed by Facility:		2,335,923	5,150	1,288,532	
Richard Cronin NSS, MA	Atlantic salmon				2,276,399	Restoration/Mitigation
	Distributed:				2,276,399	
	Total Distributed by Facility:				2,276,399	
MAINE						
Craig Brook NFH	Atlantic salmon				1,500	Research and Development
	Atlantic salmon				1,630,683	Restoration/Mitigation
	Atlantic salmon				5,000	Other programs
	Atlantic salmon	A	339,000	124		Endangered/Threatened Species
	Atlantic salmon	A	501,000	180		Research and Development
	Distributed:		840,000	304	1,637,183	
	Total Distributed by Facility:		840,000	304	1,637,183	
Green Lake NFH	Atlantic salmon				20,000	Future Broodstock
	Atlantic salmon				200,000	Research and Development
	Atlantic salmon				994,883	Restoration/Mitigation
	Atlantic salmon	B	379,783	10,686		Restoration/Mitigation
	Atlantic salmon	C	5,916	9,492		Other programs
	Atlantic salmon	C	665,853	95,330		Restoration/Mitigation
	Distributed:		1,051,552	115,508	1,214,883	
	Brook trout	C	800	533		Mgmt. Asst. on Fed/Indian
	Distributed:		800	533		
Total Distributed by Facility:		1,052,352	116,041	1,214,883		

Fish and Fish Egg Distribution by Region

REGION 5 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
NEW HAMPSHIRE						
Nashua NFH	Atlantic salmon				5,720,814	Restoration/Mitigation
	Atlantic salmon	A	10,205	9		Restoration/Mitigation
	Atlantic salmon	C	740	123		Research and Development
	Atlantic salmon	C	5,253	22,675		Restoration/Mitigation
	Atlantic salmon	C	530	88		Research and Development
	<i>Distributed:</i>		16,198	22,807	5,720,814	
	<i>Transferred:</i>		530	88		
	Total Distributed by Facility:		16,198	22,807	5,720,814	
Total Transferred by Facility:		530	88			
PENNSYLVANIA						
Allegheny NFH	Landlocked Atlantic salmon	B	60	1		Research and Development
	Landlocked Atlantic salmon	C	60	24		Research and Development
	Landlocked Atlantic salmon	C	6,870	1,213		Restoration/Mitigation
	<i>Distributed:</i>		6,990	1,238		
	Lake trout				280	Research and Development
	Lake trout				2,682,290	Restoration/Mitigation
	Lake trout	B	141,000	2,967		Mgmt. Asst. on Fed/Indian
	Lake trout	B	180	6		Research and Development
	Lake trout	C	87	290		Research and Development
	Lake trout	C	87	290		Research and Development
	Lake trout	C	660,000	50,925		Restoration/Mitigation
	Lake trout (t)	C	500	200		Restoration/Mitigation
	<i>Distributed:</i>		801,267	54,188	2,683,170	
	<i>Transferred:</i>		500	200		
	Total Distributed by Facility:		808,257	55,426	2,683,170	
Total Transferred by Facility:		500	200			
Lamar NFH	Atlantic sturgeon	A	2,100	1		Research and Development
	Atlantic sturgeon	B	6,442	72		Research and Development
	Atlantic sturgeon	C	282	99		Research and Development
	<i>Distributed:</i>		8,824	172		

Fish and Fish Egg Distribution by Region

REGION 5 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Lamar NFH	Atlantic salmon	B	60	2		Other programs
continued:	Atlantic salmon	B	392	20		Research and Development
	Atlantic salmon	C	60	15		Other programs
	Atlantic salmon	C	302	51		Research and Development
	Distributed:		814	88		
	Rainbow trout	B	60	1		Other programs
	Rainbow trout	B	60	3		Research and Development
	Rainbow trout	C	580	2,920		Other programs
	Distributed:		700	2,924		
	Total Distributed by Facility:		10,338	3,184		
VIRGINIA						
Harrison Lake NFH	American shad	A	2,337,064	0		Restoration/Mitigation
	Distributed:		2,337,064	0		
	Striped bass	B	5,600	0		Other programs
	Distributed:		5,600	0		
	Total Distributed by Facility:		2,342,664	0		
VERMONT						
Pittsford NFH, VT	Atlantic salmon	A	340,755	125		Restoration/Mitigation
	Distributed:		340,755	125		
	Landlocked Atlantic salmon	C	104,352	7,422		Restoration/Mitigation
	Distributed:		104,352	7,422		
	Total Distributed by Facility:		445,107	7,547		
White River NFH	Atlantic salmon				26,712	Research and Development
	Atlantic salmon				152,841	Restoration/Mitigation
	Atlantic salmon				13,995	Other programs
	Atlantic salmon	A	100,200	34		Research and Development
	Atlantic salmon	A	3,912,515	1,439		Restoration/Mitigation
	Atlantic salmon	B	1,370	46		Research and Development
	Atlantic salmon	B	122,835	497		Restoration/Mitigation
	Atlantic salmon	C	1,327	131		Research and Development
	Atlantic salmon	C	200	34		Restoration/Mitigation
	Atlantic salmon (t)	C	300	900		Research and Development
	Distributed:		4,138,447	2,181	193,548	
	Transferred:		300	900		

Fish and Fish Egg Distribution by Region

REGION 5 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
White River NFH	Total Distributed by Facility:		4,138,447	2,181	193,548	
continued:	Total Transferred by Facility:		300	900		

WEST VIRGINIA

Bowden NFH	Brook trout	C	56,080	24,531		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		56,080	24,531		
	Brown trout	B	16,210	415		Mgmt. Asst. on Fed/Indian
	Brown trout	C	8,784	3,561		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		24,994	3,976		
	Rainbow trout	B	13,764	643		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	231,090	149,708		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		244,854	150,351		
	Total Distributed by Facility:		325,928	178,858		
	White Sulphur Springs NFH	Rainbow trout				29,681
	Rainbow trout				197,248	Restoration/Mitigation
	Rainbow trout				1,935,570	Trade off
	Rainbow trout	B	4,000	100		Research and Development
	Rainbow trout	B	38,072	384		Restoration/Mitigation
	Rainbow trout	C	1,080	435		Research and Development
	Rainbow trout	C	17,285	24,905		Restoration/Mitigation
	Rainbow trout	C	400	400		Other programs
	Rainbow trout (t)	C	3,564	9,378		Restoration/Mitigation
	<i>Distributed:</i>		60,837	26,224	2,162,499	
	<i>Transferred:</i>		3,564	9,378		
	Total Distributed by Facility:		60,837	26,224	2,162,499	
	Total Transferred by Facility:		3,564	9,378		

REGION 5 TOTALS

Region 5 Total Distributed	12,376,051	417,722	17,177,028
Region 5 Total Transferred	4,894	10,566	0
Region 5 Grand Total	12,380,945	428,288	17,177,028

Fish and Fish Egg Distribution by Region

REGION 6

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
COLORADO						
Hotchkiss NFH	Rainbow trout	B	999,957	45,917		Restoration/Mitigation
	Rainbow trout	C	3,964	1,814		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	337,674	48,438		Restoration/Mitigation
	Rainbow trout	C	17,996	8,837		Trade off
	Rainbow trout (t)	C	32,320	7,332		Restoration/Mitigation
	<i>Distributed:</i>		1,359,591	105,006		
	<i>Transferred:</i>		32,320	7,332		
	Total Distributed by Facility:		1,359,591	105,006		
	Total Transferred by Facility:		32,320	7,332		
	Leadville NFH	Cutthroat trout	B	5,465	1,384	
Cutthroat trout		B	15,344	537		Restoration/Mitigation
Cutthroat trout		C	125,199	34,286		Mgmt. Asst. on Fed/Indian
Cutthroat trout		C	40,295	11,558		Restoration/Mitigation
<i>Distributed:</i>			186,303	47,765		
Lake trout		C	7,105	564		Restoration/Mitigation
<i>Distributed:</i>			7,105	564		
Rainbow trout		C	6,052	2,330		Mgmt. Asst. on Fed/Indian
Rainbow trout		C	112,105	43,540		Restoration/Mitigation
<i>Distributed:</i>			118,157	45,870		
Total Distributed by Facility:		311,565	94,199			
MONTANA						
Bozeman FTC	Arctic grayling	C	7,418	1,059		Restoration/Mitigation
	<i>Distributed:</i>		7,418	1,059		
	Rainbow trout	C	1,267	1,692		Other programs
	<i>Distributed:</i>		1,267	1,692		
Total Distributed by Facility:		8,685	2,751			
Creston NFH	Cutthroat trout	A	7,000	5		Mgmt. Asst. on Fed/Indian
	Cutthroat trout	B	44,488	918		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		51,488	923		
	Kokanee				417,433	Other programs
	Kokanee	B	408,578	2,468		Restoration/Mitigation
	Kokanee	C	501,572	29,212		Restoration/Mitigation
	<i>Distributed:</i>		910,150	31,680	417,433	

Fish and Fish Egg Distribution by Region

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Creston NFH	Rainbow trout	B	92,432	4,915		Mgmt. Asst. on Fed/Indian
continued:	Rainbow trout	C	210,615	28,047		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		303,047	32,962		
	Total Distributed by Facility:		1,264,685	65,565	417,433	
Ennis NFH	Rainbow trout				15,296	Egg shipment
	Rainbow trout				940,924	Cooperator Management Program
	Rainbow trout				124,569	Future Broodstock
	Rainbow trout				6,272,234	Mgmt. Asst. on Fed/Indian
	Rainbow trout				223,593	Other programs
	Rainbow trout				977,045	Research and Development
	Rainbow trout				8,025,645	Restoration/Mitigation
	Rainbow trout				2,857,205	Trade off
	Rainbow trout	B	1,350	54		Other programs
	Rainbow trout	B	2,795	96		Research and Development
	Rainbow trout	C	2,018	5,165		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	9,583	32,986		Other programs
	Rainbow trout	C	90	117		Research and Development
	<i>Distributed:</i>		15,836	38,418	19,436,511	
	Total Distributed by Facility:		15,836	38,418	19,436,511	
NORTH DAKOTA						
Garrison Dam NFH	Black crappie	B	30,000	29		Mgmt. Asst. on Fed/Indian
	Black crappie	B	146,640	141		Restoration/Mitigation
	Black crappie	C	140	140		Restoration/Mitigation
	<i>Distributed:</i>		176,780	310		
	Brown trout	B	74,998	3,218		Restoration/Mitigation
	<i>Distributed:</i>		74,998	3,218		
	Fall chinook salmon	B	341,247	9,913		Restoration/Mitigation
	Fall chinook salmon	C	23,665	2,957		Restoration/Mitigation
	<i>Distributed:</i>		364,912	12,870		
	Largemouth bass	B	306,880	275		Restoration/Mitigation
	<i>Distributed:</i>		306,880	275		

Fish and Fish Egg Distribution by Region

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program	
Garrison Dam NFH continued:	Northern pike				510,000	Egg Shipment	
	Northern pike				450,000	Other programs	
	Northern pike	A	166,016	92		Restoration/Mitigation	
	Northern pike	B	191,975	126		Other programs	
	Northern pike	B	1,842,944	924		Restoration/Mitigation	
	Northern pike	A	997,500	26		Restoration/Mitigation	
		Distributed:		2,200,935	1,142	960,000	
		Transferred:		997,500	26		
		Paddlefish	C	9,093	2,082		Restoration/Mitigation
		Distributed:		9,093	2,082		
		Rainbow trout	B	546	11		Restoration/Mitigation
		Rainbow trout	C	150,541	32,049		Restoration/Mitigation
		Distributed:		151,087	32,060		
		Smallmouth bass	B	51,402	78		Other programs
		Smallmouth bass	B	594,506	442		Restoration/Mitigation
		Smallmouth bass (t)	C	224	600		Future Broodstock
		Distributed:		645,908	520		
		Transferred:		224	600		
		Walleye				6,560,000	Egg Shipment
		Walleye				5,000	Research and Development
	Walleye	A	1,525,000	17		Other programs	
	Walleye	B	141,300	90		Restoration/Mitigation	
	Walleye	A	825,000	12		Restoration/Mitigation	
	Distributed:		1,666,300	107	6,565,000		
	Transferred:		825,000	12			
	Saugeye				6,060,000	Egg Shipment	
	Distributed:				6,060,000		
	Total Distributed by Facility:		5,596,893	52,584	13,585,000		
	Total Transferred by Facility:		1,822,724	638			

Fish and Fish Egg Distribution by Region

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Valley City/	Bluegill	A	189,500	50		Restoration/Mitigation
Baldhill Dam NFH	Bluegill	B	132,700	87		Restoration/Mitigation
	Bluegill	C	297	148		Restoration/Mitigation
	Distributed:		322,497	285		
	Bonytail chub	B	400	8		Endangered/Threatened Species
	Bonytail chub (t)	B	6,600	55		Endangered/Threatened Species
	Distributed:		400	8		
	Transferred:		6,600	55		
	Largemouth bass	A	73,600	23		Restoration/Mitigation
	Largemouth bass	B	472,900	481		Restoration/Mitigation
	Distributed:		546,500	504		
	Tiger muskellunge	B	64,700	24		Restoration/Mitigation
	Distributed:		64,700	24		
	Northern pike	B	1,311,940	831		Restoration/Mitigation
	Distributed:		1,311,940	831		
	Pallid X Shovelnose (t)	C	678	38		Endangered/Threatened Species
	Transferred:		678	38		
	Rainbow trout	C	2,001	667		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	2,001	667		Restoration/Mitigation
	Distributed:		4,002	1,334		
	Sturgeon (t)	C	893	40		Endangered/Threatened Species
	Transferred:		893	40		
	Walleye	B	348,498	217		Restoration/Mitigation
	Walleye	C	1,076	111		Restoration/Mitigation
	Distributed:		349,514	360		
	Yellow perch	B	600	40		Mgmt. Asst. on Fed/Indian
	Yellow perch	B	630,600	320		Restoration/Mitigation
	Distributed:		631,200	360		
	Total Distributed by Facility:		3,230,813	3,674		
	Total Transferred by Facility:		8,171	133		

Fish and Fish Egg Distribution by Region

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
SOUTH DAKOTA						
Gavins Point NFH	Black crappie	B	352,212	1,587		Restoration/Mitigation
	<i>Distributed:</i>		352,212	1,587		
	Bluegill	A	222,300	298		Restoration/Mitigation
	<i>Distributed:</i>		222,300	298		
	Channel catfish	B	27,500	675		Mgmt. Asst. on Fed/Indian
	Channel catfish	B	417,210	7,366		Restoration/Mitigation
	<i>Distributed:</i>		444,710	8,041		
	Shovelnose sturgeon	A	1,200	1		Research and Development
	Shovelnose sturgeon (t)	A	4,200	1		Restoration/Mitigation
	<i>Distributed:</i>		1,200	1		
	<i>Transferred:</i>		4,200	1		
	Largemouth bass	A	108,000	112		Mgmt. Asst. on Fed/Indian
	Largemouth bass	A	234,000	26		Restoration/Mitigation
	Largemouth bass	B	76,360	138		Mgmt. Asst. on Fed/Indian
	Largemouth bass	B	141,340	278		Restoration/Mitigation
	<i>Distributed:</i>		559,700	554		
	Paddlefish	C	18	4		Other programs
	Paddlefish	C	28,934	7,114		Restoration/Mitigation
	<i>Distributed:</i>		28,952	7,118		
	Pallid sturgeon	C	2	1		Other programs
	<i>Distributed:</i>		2	1		
	Pallid X Shovelnose	C	2	1		Other programs
	Pallid X Shovelnose (t)	A	2,400	1		Restoration/Mitigation
	<i>Distributed:</i>		2	1		
	<i>Transferred:</i>		2,400	1		
	Rainbow trout	C	8,175	2,742		Mgmt. Asst. on Fed/Indian
	<i>Distributed:</i>		8,175	2,742		
	Smallmouth bass	A	100,800	97		Restoration/Mitigation
	Smallmouth bass	B	28,780	105		Restoration/Mitigation
	<i>Distributed:</i>		129,580	202		

Fish and Fish Egg Distribution by Region

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
Gavins Point NFH continued:	Walleye				10,000	Research and Development
	Walleye				8,303,000	Restoration/Mitigation
	Walleye	A	16,473,335	679		Restoration/Mitigation
	Walleye	B	644,840	871		Restoration/Mitigation
	Walleye (t)	A	1,500,000	12		Restoration/Mitigation
	Distributed:		17,118,175	1,550	8,313,000	
	Transferred:		1,500,000	12		
	White crappie	B	74,100	285		Restoration/Mitigation
	Distributed:		74,100	285		
	Saugeye	B	24,446	31		Mgmt. Asst. on Fed/Indian
	Distributed:		24,446	31		
	Total Distributed by Facility:		18,963,554	22,411	8,313,000	
	Total Transferred by Facility:		1,506,600	14		
	UTAH					
Jones Hole NFH	Brook trout	B	7,744	220		Other programs
	Brook trout	B	10,125	75		Restoration/Mitigation
	Distributed:		17,869	295		
	Brown trout	B	12,298	732		Other programs
	Brown trout	B	3,523	49		Restoration/Mitigation
	Brown trout	C	9,660	840		Mgmt. Asst. on Fed/Indian
	Distributed:		25,481	1,621		
	Cutthroat trout	B	256,560	4,409		Restoration/Mitigation
	Cutthroat trout	C	5,908	505		Mgmt. Asst. on Fed/Indian
	Cutthroat trout	C	51,915	6,377		Other programs
	Cutthroat trout	C	4,000	400		Restoration/Mitigation
	Distributed:		318,383	11,691		
	Rainbow trout	B	20,045	1,099		Mgmt. Asst. on Fed/Indian
	Rainbow trout	B	134,206	1,631		Other programs
	Rainbow trout	B	461,499	4,911		Restoration/Mitigation
	Rainbow trout	C	134,496	17,623		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	138,584	21,960		Other programs
	Rainbow trout	C	374,191	88,788		Restoration/Mitigation
	Distributed:		1,263,021	136,012		
	Total Distributed by Facility:		1,624,754	149,619		

Fish and Fish Egg Distribution by Region

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Stocked	Fish Weight	Eggs Shipped	Program
WYOMING						
Jackson NFH	Cutthroat trout	B	29,574	108		Mgmt. Asst. on Fed/Indian
	Cutthroat trout	B	292,099	17,777		Restoration/Mitigation
	Cutthroat trout	C	76,649	12,665		Mgmt. Asst. on Fed/Indian
	Cutthroat trout	C	1,064	195		Other programs
	Cutthroat trout	C	68,194	17,065		Restoration/Mitigation
	<i>Distributed:</i>		467,580	47,810		
	Lake trout	C	15,700	3,340		Restoration/Mitigation
	<i>Distributed:</i>		15,700	3,340		
	Total Distributed by Facility:		483,280	51,150		
	Saratoga NFH	Brown trout				362,737
Brown trout					2,981,702	Restoration/Mitigation
Brown trout		B	4,199	90		Restoration/Mitigation
Brown trout		C	1,000	1,582		Mgmt. Asst. on Fed/Indian
Brown trout		C	532	740		Restoration/Mitigation
<i>Distributed:</i>			5,731	2,412	3,344,439	
Cutthroat trout		C	38	33		Restoration/Mitigation
<i>Distributed:</i>			38	33		
Lake trout					3,353,682	Restoration/Mitigation
Lake trout		C	1,014	8,314		Restoration/Mitigation
<i>Distributed:</i>		1,014	8,314	3,353,682		
Total Distributed by Facility:		6,783	10,759	6,698,121		
REGION 6 TOTALS						
	Region 6 Total Distributed		32,866,439	596,136	48,450,065	
	Region 6 Total Transferred		3,369,815	8,117	0	
	Region 6 Grand Total		36,236,254	604,253	48,450,065	
USFWS GRAND TOTALS						
	USFWS Total Distributed		157,706,920	5,926,647	137,800,801	
	USFWS Total Transferred		10,755,646	50,874	0	
	USFWS Grand Total		168,462,566	5,977,521	137,800,801	

TABLE V.

Fish and Fish Egg Distribution by Program/Area of Interest

Program	Number Distributed	Weight (Pounds)	Number Eggs Produced
Atlantic Salmon Restoration Program	7,398,449	134,021	499,933
Endangered Species Program	433,425	37,676	470,244
Farm Pond Program	156,420	180	0
Fish & Wildlife Service Lands	6,461,292	172,890	44,380,803
Great Lakes Lake Trout Program.....	3,261,630	255,282	0
Indian Tribal Program	6,521,819	491,654	1,486,997
Inland Restoration/Mitigation	54,338,460	2,262,839	84,289,315
Military Lands	471,514	77,332	0
Pacific Salmon and Steelhead Program	67,874,405	2,212,495	22,584,615
Research and Education	634,083	10,681	4,158,184
Striped Bass Restoration Program	459,688	21,510	0

