

Fish and Fish Egg Distribution Report

*Fiscal Year 1996
Report No. 31*



The Division of Fish Hatcheries is pleased to send you the *Fish and Fish Egg Distribution Report for Fiscal Year 1996*. 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. Featured in this year's report are summaries of the National Fish Hatchery System's contributions to six states. In keeping with the *National Performance Review and the Government Performance and Results Act of 1993*, the Fiscal Year 1996 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.

We welcome your ideas and suggestions concerning ways of enhancing future reports.

New this year!

- Glossary
- Fax/Mail Request for Additional Copies

Fish and Fish Egg Distribution Report

*Fiscal Year 1996
Report No. 31*

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Contribution of the National Fish Hatchery System to Aquatic
Ecosystem Management
U.S. Department of the Interior
U.S. Fish and Wildlife Service

1951
1952
1953

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Federal Stewardship

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.



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. © Photodisc.

Opposite page: A young angler with his catch of the day. © Photodisc.



Stocking of lakes has improved the populations of Great Lake trout.
© Photodisc.

The Service Fisheries Program focuses its extensive field presence and broad scientific management capabilities on the Nation's fishery resources. This field presence includes: 65 National Fish Hatcheries, 61 Fish and Wildlife Resource Management Offices, 9 Fish Health Centers, and 6 Fish Technology Centers.

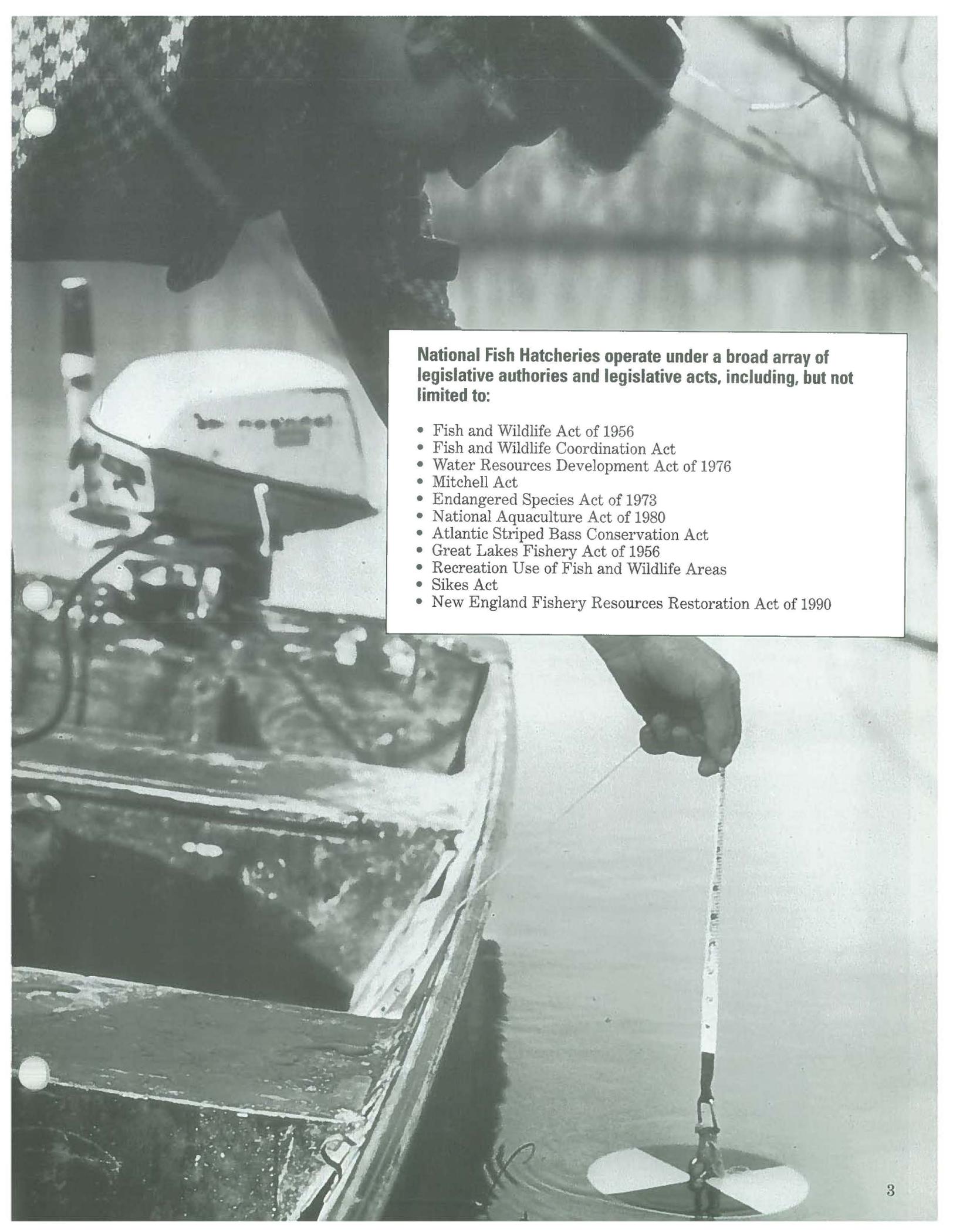
In recent years, the Service has maximized the output of its work force by integrating the work of fish hatcheries and fisheries management. This integrated effort has resulted in cohesive, more efficient national programs for Great Lakes lake trout, Atlantic Coast striped bass, Atlantic salmon, and 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 1996, the Service continued focusing 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.



Tagging a sturgeon with a radio tag helps track the fish population. USFWS.

Opposite page: Fishery biologist measuring water clarity. Roland Bell/USFWS.

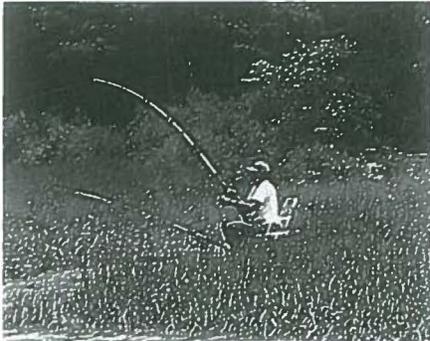


National Fish Hatcheries operate under a broad array of legislative authorities and legislative acts, including, but not limited to:

- 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
- Recreation Use of Fish and Wildlife Areas
- Sikes Act
- New England Fishery Resources Restoration Act of 1990



Recreational Fishing



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 ...". Great Graphics.

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 prepared a *Recreational Fishery Resources Conservation Plan* which sets 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.

Neosho National Fish Hatchery



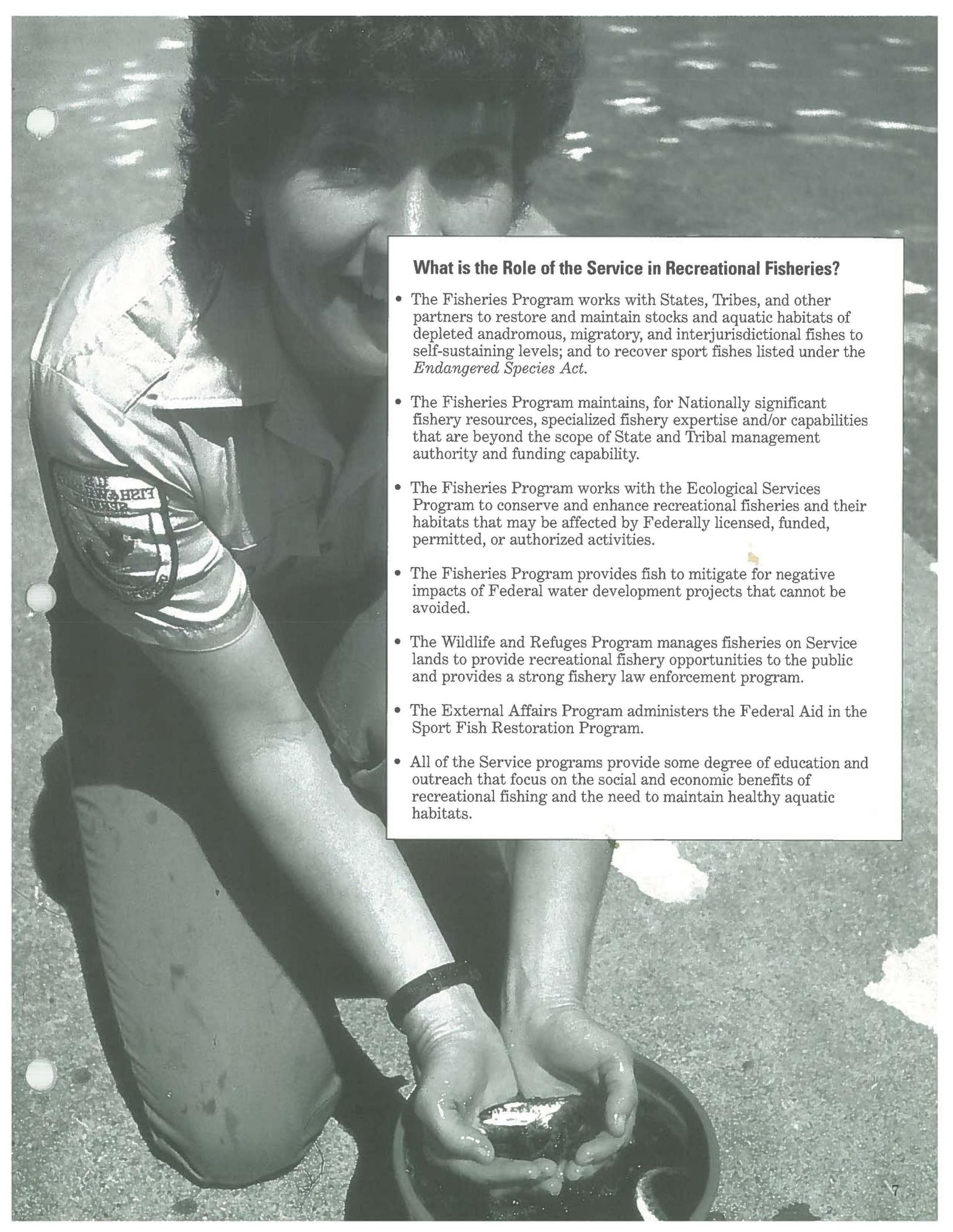
Benefits recreational fishing in the White River Basin.



The **Neosho NFH, Missouri**, stocked over 217,000 ten inch **rainbow trout** into **Missouri's Lake Taneycomo** this fiscal year. This mitigation stocking in the White River Basin has helped sustain a fishery that now produces over 181,000 fishing trips per year.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Neosho NFH.

Opposite page: Harvesting fish eggs at a hatchery in Northern California. USFWS.



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 the 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.

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.



Restoration and Mitigation

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 seven years, National Fish Hatcheries have provided over 45 million Atlantic salmon for stocking in New England waters. Major river systems targeted include the Penobscot, Connecticut, Merrimack, and Pawcatuck.

In 1996, more than 8.5 million Atlantic salmon fry were stocked into New England rivers. This is expected to yield higher adult returns, making progress towards the establishment of natural spawning populations.



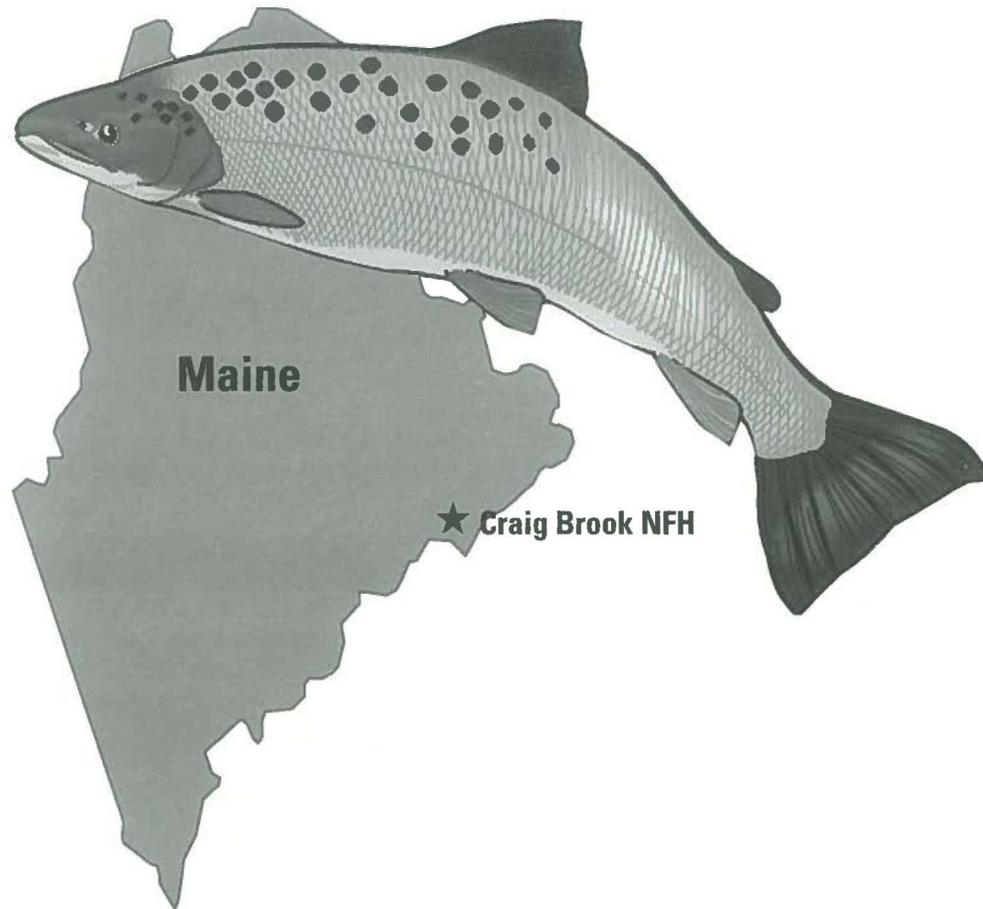
Harvesting fry at Coleman NFH. Steve Hillebrand/USFWS.

Opposite page: Fishing has enormous social, cultural, and economic importance in American society. © Photodisc.

Craig Brook National Fish Hatchery



Benefits recovery of imperiled wild Atlantic salmon stocks in Maine.



In FY96, **Craig Brook NFH, Maine**, stocked 574 thousand Atlantic salmon fry to supplement depleted populations of three imperiled wild **Atlantic salmon** stocks in Maine (Dennys, Machias, and Narraguagus). Craig Brook also produced river-specific eggs derived from these stocks for cooperative Atlantic salmon rebuilding efforts through aquaculture and private hatchery partnerships.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Craig Brook NFH.

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 twelve years, National Fish Hatcheries have stocked over 98 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.



*A young fisherman with his catch.
Richard Baldes/USFWS*

Allegheny National Fish Hatchery



Benefits the lake trout restoration process in the Great Lakes.



In FY96, the **Allegheny NFH, Pennsylvania**, continued to maintain broodstock of **lake trout** strains (Seneca and Superior) crucial to the lower Great Lakes restoration process. In addition to producing over 2 million lake trout eggs, the hatchery produced, tagged, and stocked 82,900 yearlings into **Lake Erie** and 350,000 yearlings into **Lake Ontario**.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Allegheny NFH.

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.

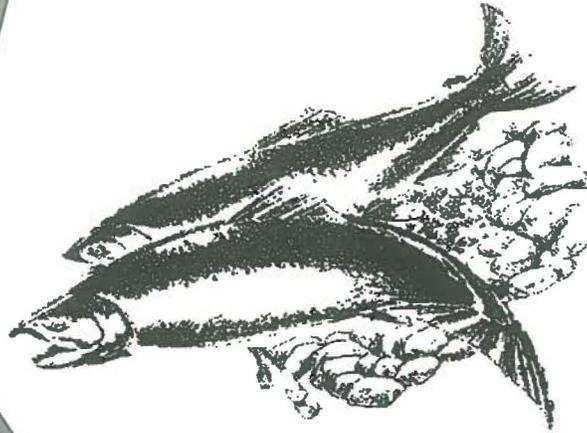


King Salmon at Kenai, Alaska. Mary E. Smith/USFWS

Coleman National Fish Hatchery



Benefits
the endangered species, winter chinook
salmon.



In FY96, the **Coleman NFH, California**, stocked over 51,000 **winter chinook salmon** into the **Sacramento River** to supplement wild adult returns to the upper Sacramento River.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Coleman NFH.

In 1996, National Fish Hatcheries produced over 5 million spring chinook salmon, over 40 million fall chinook salmon, over 5 million coho salmon, over 2 million chum

salmon, and over 4 million steelhead trout to supplement and mitigate natural production of the Columbia River Basin and western Washington river basin.



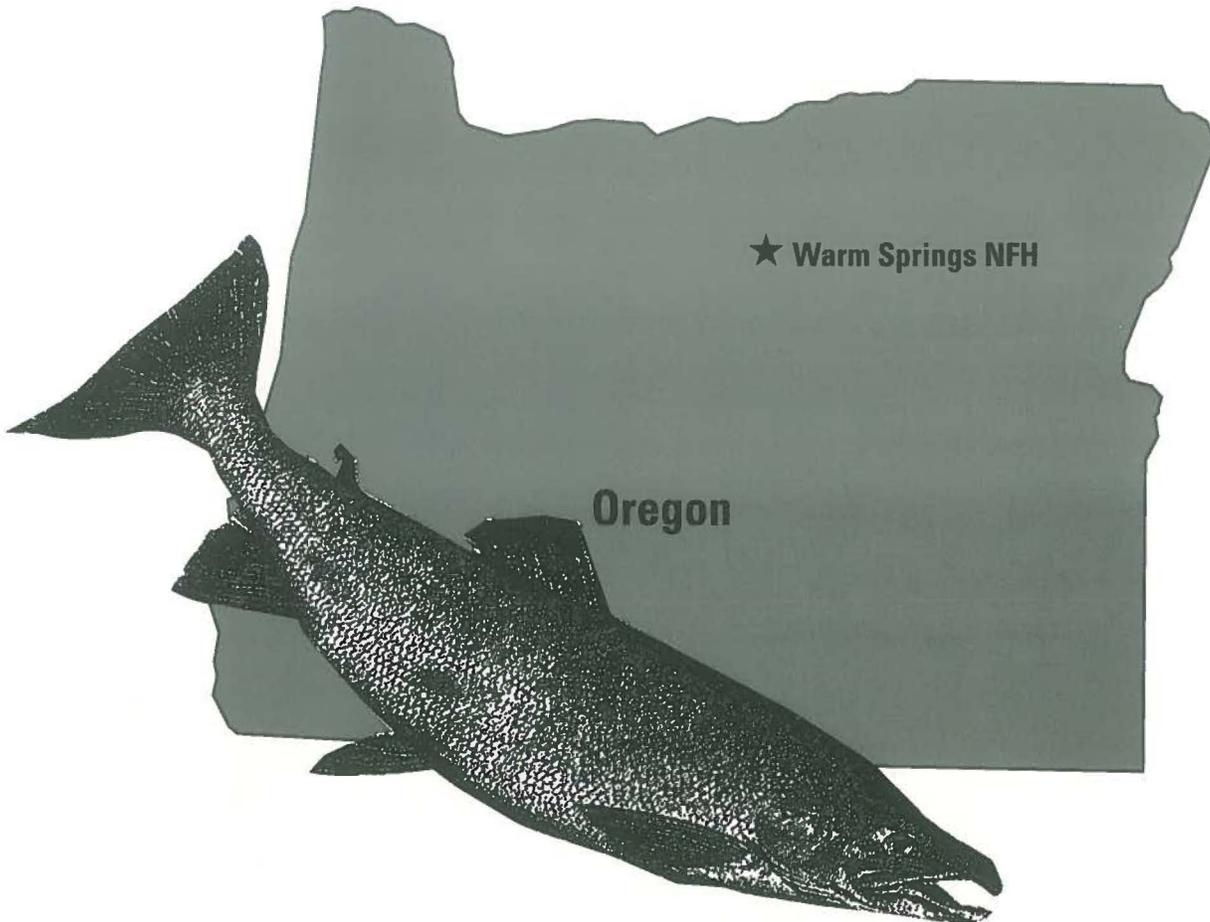
Chinook Salmon. J. Keller/USFWS

Warm Springs National Fish Hatchery



Benefits

the **Confederated Tribes of the Warm Springs Indian Reservation** and the **Columbia Basin Ecoregion**.

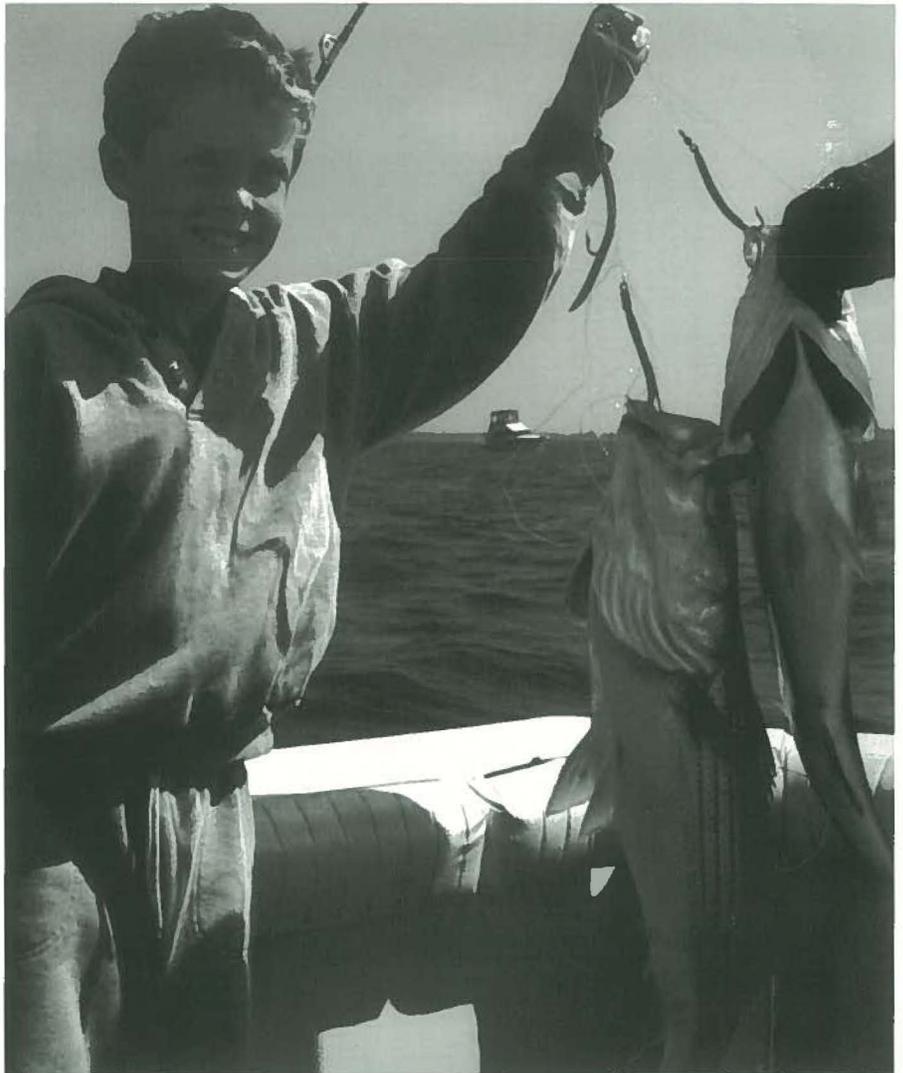


In FY96, the **Warm Springs NFH, Oregon**, released 420,886 **spring chinook salmon** into the **Warm Springs River** to contribute to the restoration of Pacific salmon in the Columbia River Basin and assist the **Confederated Tribes of the Warm Springs Indian Reservation**, and the **Pacific Northwest States** in meeting their fishery management goals.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Warm Springs NFH in Oregon.

Striped Bass Striped bass restoration efforts have largely focused on the Atlantic and Gulf coasts. 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, 1995, and 1996. 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.



Striped bass restoration efforts have proved successful on the Atlantic and Gulf Coasts. Jeff Ellis

Welaka National Fish Hatchery



Benefits restoration of depleted fish species in Gulf of Mexico waters.



In FY96, the **Welaka NFH, Florida**, produced 4 million **striped bass** fry and fingerlings for the restoration of the Gulf Coast striped bass in the **Apalachicola-Chattahoochee-Flint River System**. This population is recognized as having a distinct DNA type and is in need of restoration. Welaka NFH also participates in the recovery of the **threatened Gulf of Mexico sturgeon** by developing spawning and culture techniques.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Welaka NFH.



Monitoring water quality. Keith Weller/USFWS

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 caused by Federal water development projects. Within the

National Fish Hatchery System, 36 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 1996, thirty-five National Fish Hatcheries distributed over 109 million fish for mitigation purposes. 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;



Atlantic Salmon by Jocelyn Slack.

- 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 49 million spring, fall, late fall, and winter 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.



Tagging lake trout is another mitigation effort. USFWS

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 six 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:



A fisheries assistant checks a water sample. Steve Hillebrand/USFWS



*Weighing a fish. R. Julian/
USFWS*

- 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.



Apache Trout. USFWS

Dexter National Fish Hatchery



Benefits the endangered species, bonytail chub



In FY96, **Dexter NFH and Technology Center, New Mexico**, helped to conserve and recover the endangered **bonytail chub** by stocking 42 thousand of this species into **Arizona** and **Utah** waters.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Dexter NFH and Technology Center.

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 with emphasis on 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



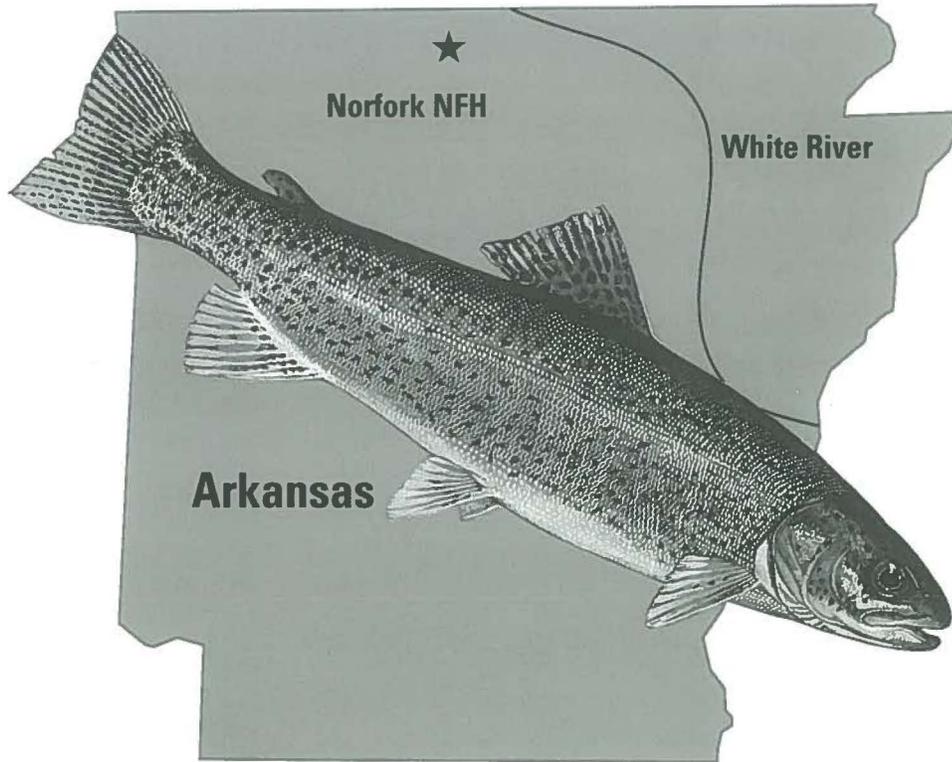
Fish Technology Centers focus on providing continued leadership in fish culture. USFWS

Norfolk National Fish Hatchery



Benefits

trout production by mitigating fishery losses in the White River drainage.



In FY96, **Norfolk NFH, Arkansas**, stocked 1,600,000 **rainbow trout** and 226,000 **cutthroat trout** into the White River drainage to mitigate fishery losses due to dams constructed by the Corps of Engineers.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Norfolk NFH.



Measuring water PH. Jim Palmer/USFWS

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 both Federal and State protected species. The National Fish Hatchery System is involved in holding imperiled fish species in refugia, propagating fish for recovery programs, and developing technology to support these activities.

National Fish Hatcheries are currently assisting in the recovery of over one quarter of the fish species listed as threatened or endangered in the U.S. Thirty-three National Fish Hatcheries are working with 28 listed species, in accordance with recovery plans developed under the Endangered Species Act and in partnership with States, Tribes, other Federal agencies, and the private sector.

National Fish Hatcheries are also involved in the restoration of State protected species to prevent their further decline and to prevent further listings under the Endangered Species Act. For example, at Gavins Point NFH, culture techniques are being developed for hard-to-rear species such as paddlefish. Gavins Point NFH is also working with the endangered pallid sturgeon.

Controlled propagation is an important restoration tool identified in many of the approved recovery plans for endangered fishes. Implementation of strategies identified in recovery plans is coordinated with other recovery priorities, such as habitat restoration. 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.

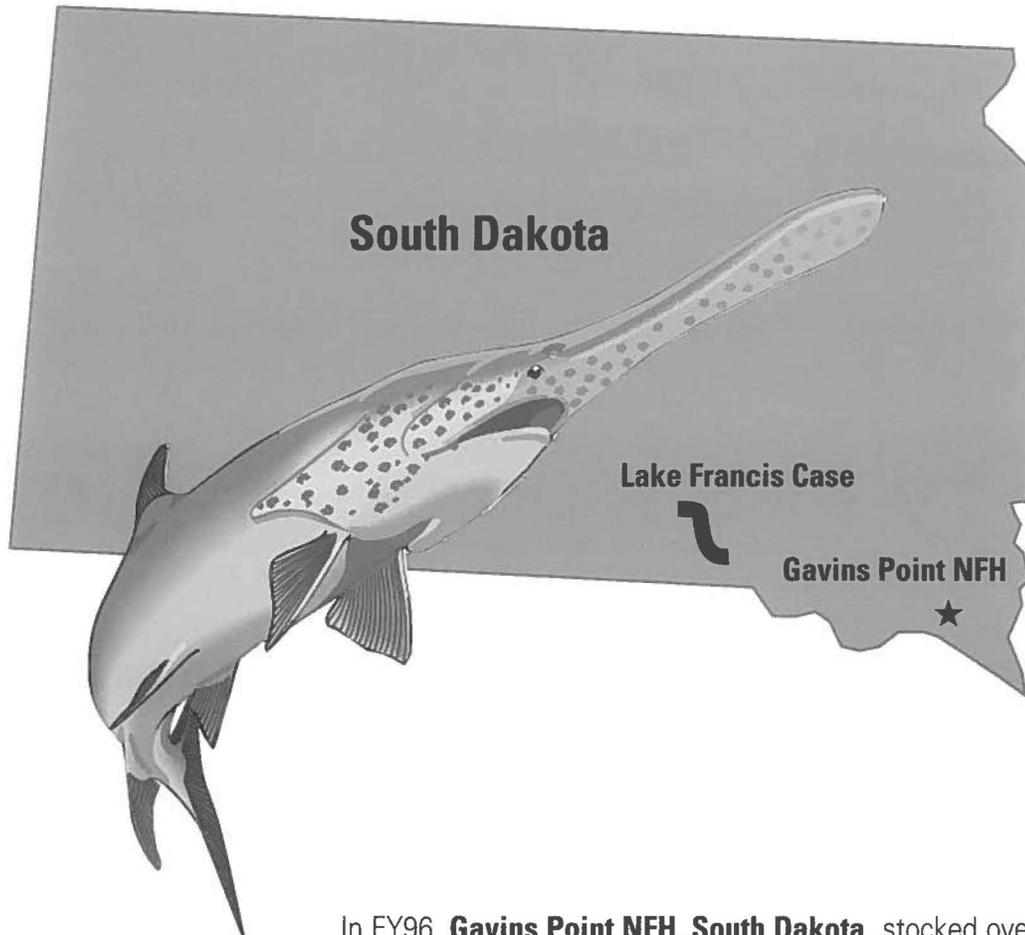
Fish Health

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:

Gavins Point National Fish Hatchery



Benefits recovery efforts of the paddlefish.



In FY96, **Gavins Point NFH, South Dakota**, stocked over 11 thousand, 17.5 inch long **paddlefish** into **Lake Francis Case**. This facility also continued to develop captive broodstocks and fish culture techniques to aid in the restoration and recovery of fish species such as the paddlefish and the endangered pallid sturgeon.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Gavins Point NFH.

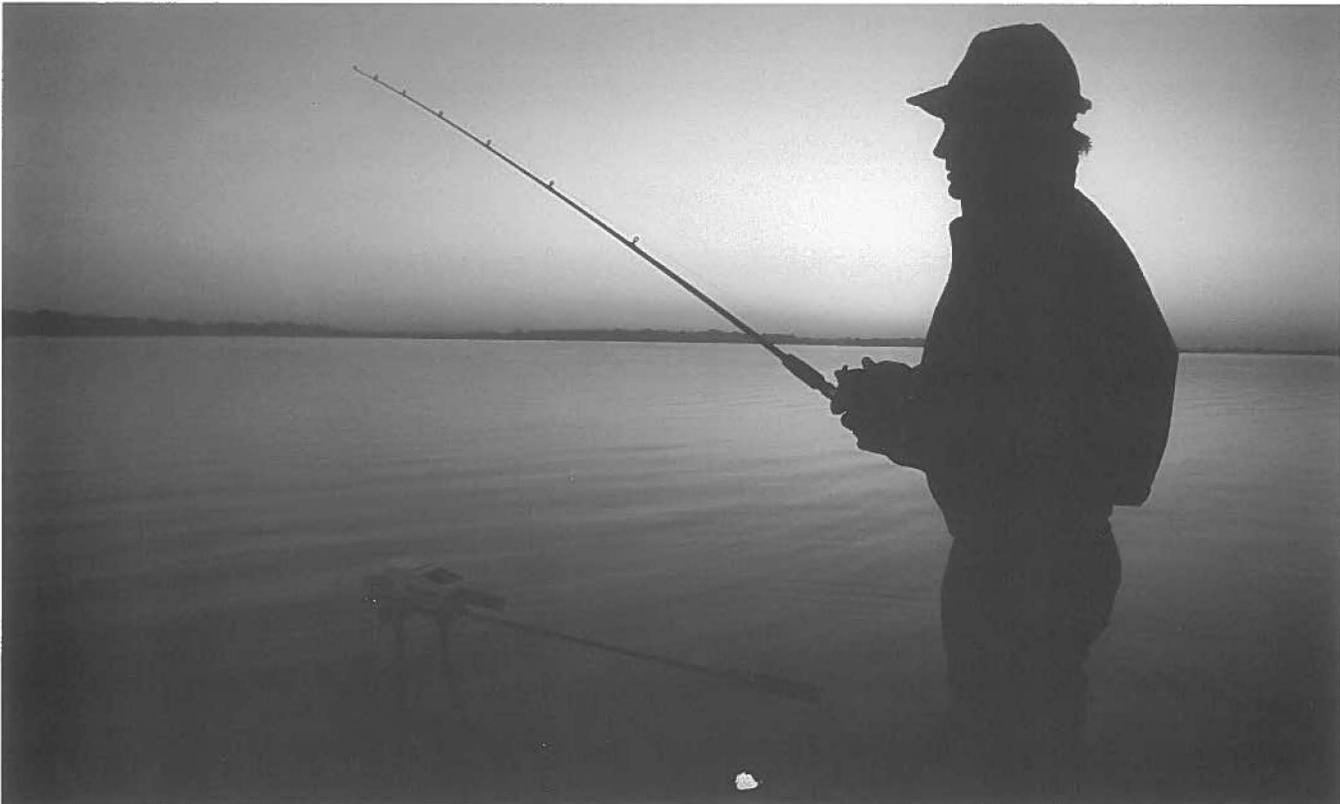
- providing diagnostic services and expertise for recovery programs for Lahontan cutthroat trout, Cui-ui suckers, Sacramento River winter-run chinook salmon, Puget Sound summer chum salmon, Columbia River chinook salmon, Columbia River sturgeon, and Redfish Lake sockeye salmon;
- conducting investigations in cryopreservation of gametes of winter-run chinook in the Sacramento River;
- developing non-lethal sampling methods to provide an alternative method 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



Therapeutant fish drug and chemical use, critical to many Service fishery programs, also benefits recreational fishing. ©Photodisc.



The National Broodstock Program hatcheries provide fish eggs needed to restore fish populations, providing recreational fishing opportunities for the 50 million people who fish annually. Great Graphics!

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 1996, broodstock program hatcheries produced over 59 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.

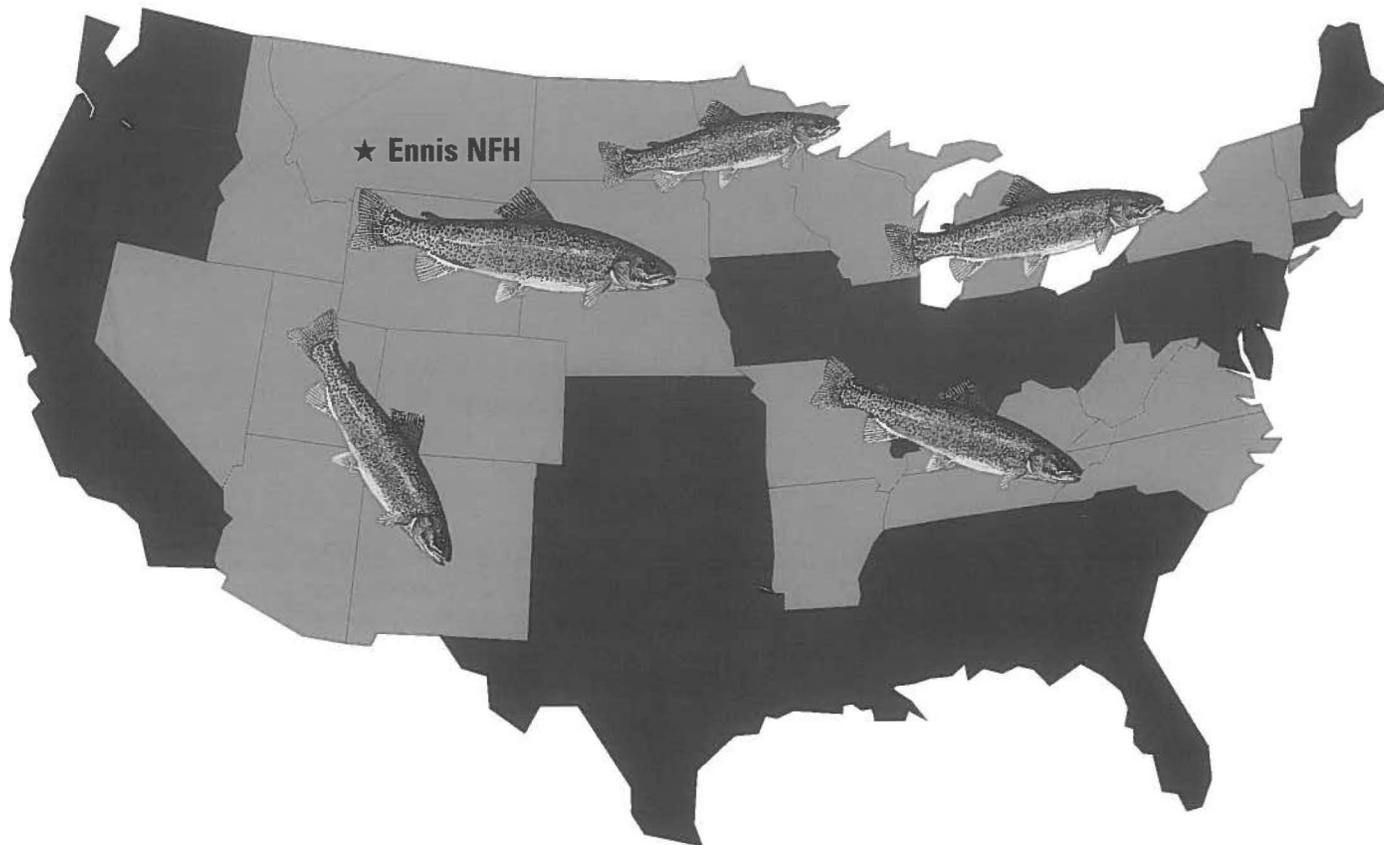
The Service has a responsibility within its leadership role to maintain desired strains of broodstocks to meet the restoration and mitigation needs of the different aquatic systems throughout the United States.

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.

Ennis National Fish Hatchery



Benefits
the Nation's critical restoration efforts.



In FY96, **Ennis NFH, Montana**, provided 19 million **rainbow trout** eggs to National, State, and Tribal hatcheries in 22 states. Eggs were also provided to numerous universities and research centers.

FY96 data from the U.S. Fish & Wildlife Service, Fisheries Information System and the Ennis NFH.

Outreach and 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.

*Over 3 million citizens visit our National Fish Hatcheries annually.
© Photodisc.*



**TABLE I.
NATIONAL FISH HATCHERIES THAT BENEFIT FISH POPULATIONS -FY96**

Hatchery	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Abernathy STC, WA.....	1,037,507.....	21,790	0
Alchesay/Williams Creek NFH, AZ.....	1,068,219.....	140,935	0
Allegheny NFH, PA	934,317.....	43,527	2,514,576
Bears Bluff NFH, SC	13,138	8	0
Bo Ginn NFH/AQ, GA	3,182,149.....	9,912	0
Bowden NFH, WV	332,238	142,288	0
Carson NFH, WA	1,766,655.....	90,539	0
Chattahoochee Forest NFH, GA	947,277.....	127,973	0
Coleman NFH, CA	21,833,013	318,368	0
Craig Brook NFH, ME	2,073,450	3,675	1,359,596
Creston NFH, MT	2,083,544	61,528	0
Dale Hollow NFH, TN	1,311,407.....	292,222	0
Dexter NFH, NM	146,213.....	1,592.....	169,770
Dworshak NFH, ID.....	2,587,941	402,735	2,839,500
Eagle Creek NFH, OR.....	2,707,778.....	199,089	0
Edenton NFH, NC	774,414.....	8,734	0
Ennis NFH, MT	8,132	26,467	18,855,010
Entiat NFH, WA	335,713.....	25,160	0
Erwin NFH, TN	53,249.....	42,777	13,335,323
Garrison Dam NFH, ND	16,396,640.....	60,499	13,524,000
Gavins Point NFH, SD.....	12,962,600.....	19,356	19,762,206
Genoa NFH, WI	8,201,940.....	14,004.....	33,078,332
Greers Ferry NFH, AR.....	1,055,797	224,113	0
Green Lake NFH, ME	988,088.....	112,827.....	10,000
Hagerman NFH, ID	1,491,116	270,971	0
Harrison Lake NFH, VA	3,433,254	122	0
Hiawatha Forest NFH, MI	273.....	1,498.....	5,244,610
Hotchkiss NFH, CO	1,577,708.....	114,695	0
Inks Dam NFH, TX.....	413,448	39,555	0

**TABLE I.
NATIONAL FISH HATCHERIES THAT BENEFIT FISH POPULATIONS -FY96 (Continued)**

Hatchery	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Iron River NFH, WI	1,424,115.....	93,307	4,963,990
Jackson NFH, WY.....	415,860.....	59,846.....	641,033
Jones Hole NFH, UT	1,881,007	140,036	0
Jordan River NFH, MI.....	2,563,455.....	175,593.....	2,509,700
Kooskia NFH, ID.....	499,453.....	33,993	0
Lahontan NFH, NV	583,538.....	100,618	0
Lamar NFH, PA.....	22,472.....	9,118	0
Leadville NFH, CO	427,397.....	95,149	0
Leavenworth NFH, WA	1,706,060.....	105,515	0
Little White Salmon/Willard NFH, WA	6,169,193.....	100,275.....	450,000
Makah NFH, WA	1,597,931	67,559	0
Mammoth Spring NFH, AR.....	1,739,174	5,850.....	16,800
Mckinney Lake NFH, NC	97,499.....	1,482	0
Mescalero NFH, NM	254,616	99,295	0
Nashua NFH, NH	24,200	34,472	4,540,770
Natchitoches NFH, LA.....	691,042.....	819	0
Neosho NFH, MO	323,526.....	87,108	0
North Attleboro NFH, MA.....	1,376,788.....	1,907	1,503,217
Norfolk NFH, AR	1,880,557.....	408,923	0
Orangeburg NFH, SC	4,848,219	4,555	0
Ouray NF, UT.....	4,708.....	377	0
Pendills Creek NFH, MI	696,922	34,562	0
Pittsford NFH, VT	683,114.....	14,217	0
Private John Allen NFH, MS	1,166,115.....	1,071	0
Quilcene NFH, WA	3,069,415.....	30,839.....	500,000
Quinault NFH, WA.....	1,628,831.....	90,896	0
Richard Cronin NSS, MA	2,194,489	0	0
Saratoga NFH, WY.....	6,443,286	0	0
Spring Creek NFH, WA	16,450,436	211,730	4,397,734

**TABLE I.
NATIONAL FISH HATCHERIES THAT BENEFIT FISH POPULATIONS -FY96 (Continued)**

Hatchery	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Tishomingo NFH, OK	900,066.....	23,901	0
Uvalde NFH, TX	1,801,800	39,161	115,200
Valley City/Baldhill Dam NFH, ND	3,775,658	2,350	0
Welaka NFH, FL.....	4,069,388.....	3,115	0
White River NFH, VT.....	4,240,587.....	12,779.....	661,146
Willow Beach NFH, AZ	376,464.....	109,803	0
Willard NFH, WA	2,358,421.....	144,497	0
Winthrop NFH, WA	530,272.....	50,854	0
Wolf Creek NFH, KY	892,324.....	221,579	0
Warm Springs NFH, GA	150,917	314	0
Warm Springs NFH, OR	421,856.....	37,631	0
White Sulphur Springs NFH, WV	30,359.....	32,256.....	4,873,354
GRAND TOTAL:	161,490,973.....	5,504,311	144,503,642

**TABLE II.
SPECIES BENEFITTED BY NATIONAL FISH HATCHERY DISTRIBUTION - FY96**

Coldwater Species	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
*Apache trout (T)	99,616	25,977	0
Atlantic salmon	9,141,775	165,020	10,269,218
Brook trout	362,358	24,092	0
Bull Trout	8,356	1,278	0
Brown trout	606,468	43,698	2,650,539
Chum salmon	2,671,500	4,906	0
Coho salmon	6,506,770	379,339	500,000
Cutthroat trout	1,370,646	192,738	641,033
**Lahontan-Pyramid (T)	579,702	92,665	0
Fall chinook salmon	44,595,971	433,662	4,399,734
*Gila trout (E)	150	2	0
Kokanee	1,761,362	40,725	0
Landlocked Atlantic salmon	428,095	15,688	0
Lake trout	5,512,215	351,543	19,385,455
Late fall chinook salmon	938,093	64,357	0
Rainbow trout	11,274,222	2,184,174	37,063,687
Spring chinook salmon	5,771,493	357,160	505,000
Steelhead	5,995,425	951,721	2,782,500
Summer chinook salmon	40,498	4,369	0
*Winter chinook salmon (T)	51,915	297	0
Total Coldwater Species:	97,716,630	5,333,411	78,197,166

* indicates Threatened or Endangered species

** indicates Threatened or Endangered strain

**TABLE II.
SPECIES BENEFITTED BY NATIONAL FISH HATCHERY DISTRIBUTION - FY96**

Coolwater Species	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
*Bonytail chub (E).....	44,337	359	27,670
*Colorado squawfish (E)	804	706	50,000
Tiger muskellunge	44,500	18	0
Northern pike	7,761,569	1,561	1,772,000
Oconee Redhorse	48,289	3	0
*Razorback sucker (E)	117,548	1,130	92,100
Rock bass	3	1	0
Sauger	0	0	3,862,500
Shorthead redhorse.....	3	2	0
Snortnose gar	2	1	0
Spotted sucker	3	2	0
Walleye	28,101,416	10,169	51,574,577
Saugeye	621,091	410	8,355,150
Yellow perch.....	1,197,146	757	0
Total Coolwater Species:	37,936,711	15,119	65,733,997

* indicates Threatened or Endangered species

** indicates Threatened or Endangered strain

**TABLE II.
SPECIES BENEFITTED BY NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Warmwater Species	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
American shad	3,262,616	0	0
Atlantic sturgeon	5,812	574	0
Black bullhead	50	50	0
Black crappie.....	334,996	1,376	0
Bluegill	3,446,553	4,653	0
Bowfin	59	117	0
Brown bullhead	33	22	0
Carp	68	158	0
Channel catfish	2,316,896	112,108	115,200
Goldfish	500	2	0
Grass carp.....	90	270	0
*Gila topminnow (E)	500	1	0
Shovelnose sturgeon	9,720	51	0
Largemouth bass.....	2,255,329	4,795	0
Lake Sturgeon	1,820	48	0
Paddlefish	324,575	7,317	457,279
*Pallid sturgeon (E)	6	12	0
Pallid X Shovelnose	20	2	0
Redbreast sunfish	1,015,844	1,490	0
Redear sunfish	690,100	836	0
Palmetto bass.....	806	60	0
Smallmouth bass	1,261,144	2,314	0
*Shortnose sturgeon (E)	13,152	10	0
Striped bass	10,820,074	18,822	0
Stickleback.....	11,400	19	0
*Woundfin (E)	7,300	30	0
White bass	22,700	509	0

* indicates Threatened or Endangered species

** indicates Threatened or Endangered strain

**TABLE II.
SPECIES BENEFITTED BY NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Warmwater Species (continued)	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
White crappie	25,312	113	0
*Yaqui catfish (T)	10,154	20	0
Yellow bullhead	3	2	0
Total Warmwater Species:	25,837,632	155,781	572,479
Grand Total:	161,490,973	5,504,311	144,503,642

* indicates Threatened or Endangered species

** indicates Threatened or Endangered strain

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
ALABAMA			
Dale Hollow NFH			
Rainbow trout	24,557	7,789	
Mammoth Spring NFH			
Channel catfish	680	875	
TOTAL TO STATE:	25,237	8,664	
ARIZONA			
Alchesay/Williams Creek NFH			
Apache trout	99,616	25,977	
Brook trout	156,500	780	
Brown trout	21,500	2,240	
Cutthroat trout	16,000	1,000	
Rainbow trout	516,603	73,528	
Dexter NFH			
Bonytail chub	35,149	237	
Colorado squawfish	636	636	
Razorback sucker	14,486	566	
Ennis NFH			
Rainbow trout			2,464,977
Erwin NFH			
Rainbow trout			77,315
Genoa NFH			
Walleye	400,000	3	
Inks Dam NFH			
Largemouth bass	40,000	31	
Ouray NFH			
Colorado squawfish	128	10	
Razorback sucker	2,721	108	
Saratoga NFH			
Brown trout			90,103
Uvalde NFH			
Channel catfish	20,800	3,828	
Largemouth bass	405	352	
White Sulphur Springs NFH			
Rainbow trout			405,568
Willow Beach NFH			
Bonytail chub	2,350	120	
Rainbow trout	353,610	108,250	
Razorback sucker	12,300	97	
TOTAL TO STATE:	1,692,804	217,763	3,037,963
ARKANSAS			
Ennis NFH			
Rainbow trout			839,771
Erwin NFH			
Rainbow trout			2,613,825
Gavins Point NFH			
Paddlefish			100,000
Walleye	1,000,000	7	
Genoa NFH			
Walleye			1,520,000

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Greers Ferry NFH			
Brook trout	119,950	9,492	
Rainbow trout	780,580	167,408	
Mammoth Spring NFH			
Grass carp	90	270	
Largemouth bass	23,020	137	
Paddlefish	524	1,105	
Rainbow trout	6,743	2,189	
Smallmouth bass	10,500	21	
Walleye	363,900	235	
Neosho NFH			
Rainbow trout	75,920	581	
Norfolk NFH			
Cutthroat trout	226,000	21,762	
Rainbow trout	1,604,557	382,828	
Saratoga NFH			
Brown trout			350,270
Welaka NFH			
Striped bass	1,000	184	
White Sulphur Springs NFH			
Rainbow trout			1,068,629
TOTAL TO STATE:	4,212,784	586,219	6,492,495

CALIFORNIA

Coleman NFH			
Fall chinook salmon	19,912,543	122,959	
Late fall chinook salmon	938,093	64,357	
Steelhead	930,462	130,755	
Winter chinook salmon	51,915	297	
Dexter NFH			
Razorback sucker	4,000	59	
Garrison Dam NFH			
Shovelnose sturgeon	3,000	1	
Lahontan NFH			
Cutthroat trout	30,633	303	
Rainbow trout	6	2	
Uvalde NFH			
Channel catfish	12,000	424	
Willow Beach NFH			
Rainbow trout	4,400	1,335	
TOTAL TO STATE:	21,887,052	320,492	

COLORADO

Alchesay/Williams Creek NFH			
Cutthroat trout	34,260	9,755	
Rainbow trout	2,500	860	
Ennis NFH			
Rainbow trout	3,161	11,338	2,035,482
Garrison Dam NFH			
Saugeye			2,160,000
Gavins Point NFH			
Black crappie	10,000	54	
Channel catfish	428,548	5,237	
Largemouth bass	7,900	10	

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Saugeye Genoa NFH			363,150
Sauger Hotchkiss NFH			75,000
Rainbow trout Jones Hole NFH	1,281,876	80,855	
Brook trout	10,030	265	
Cutthroat trout Leadville NFH	301,510	6,432	
Brook trout	11,200	660	
Brown trout	59,603	1,415	
Cutthroat trout	296,742	91,694	
Lake trout Saratoga NFH	59,852	1,380	
Lake trout Uvalde NFH			104,171
Channel catfish Valley City/Baldhill Dam NFH	647,009	11,573	
Razorback sucker	1,114	39	
TOTAL TO STATE:	3,155,305	221,567	4,737,803
CONNECTICUT			
Lamar NFH			
Atlantic sturgeon	15	1	
White River NFH			
Atlantic salmon	402,069	849	166,163
White Sulphur Springs NFH			
Rainbow trout			16,212
TOTAL TO STATE:	402,084	850	182,375
DISTRICT OF COLUMBIA			
Mammoth Spring NFH			
Channel catfish	1,200	1,000	
TOTAL TO STATE:	1,200	1,000	
FLORIDA			
Gavins Point NFH			
Pallid X Shovelnose	20	2	
Mammoth Spring NFH			
Striped bass	200,000	1	
Warm Springs NFH			
Striped bass	46,885	194	
Welaka NFH			
Bluegill	7,350	125	
Largemouth bass	81,923	162	
Redear sunfish	1,000	5	
Striped bass	1,152,315	2,167	
TOTAL TO STATE:	1,489,493	2,656	

TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
---------------------	-------------------------	-----------------	-------------------------

FOREIGN

Garrison Dam NFH Smallmouth bass	25,000	24	
TOTAL TO STATE:	25,000	24	

GEORGIA

Bears Bluff NFH Shortnose sturgeon	8,960	7	
Bo Ginn NFH/AQ Bluegill	962,859	952	
Channel catfish	149	855	
Redear sunfish	19,725	22	
Chattahoochee Forest NFH Brown trout	50,000	664	
Rainbow trout	897,277	127,309	
Dale Hollow NFH Rainbow trout	276,668	2,593	
Dexter NFH Woundfin	300	1	
Erwin NFH Rainbow trout	10,036	10	2,543,300
Warm Springs NFH Oconee Redhorse	48,289	3	
Striped bass	55,729	115	
Welaka NFH Channel catfish	1,600	325	
Largemouth bass	10,000	19	
Striped bass	2,229,200	128	
White Sulphur Springs NFH Rainbow trout			591,420
Wolf Creek NFH Rainbow trout	35,000	805	
TOTAL TO STATE:	4,605,792	133,808	3,134,720

IDAHO

Dworshak NFH Spring chinook salmon	102,903	9,287	57,000
Steelhead	2,480,639	392,686	2,782,500
Ennis NFH Rainbow trout			456,510
Garrison Dam NFH Walleye	2,500,000	18	
Hagerman NFH Steelhead	1,491,116	270,971	
Jackson NFH Cutthroat trout	234,108	24,417	
Kooskia NFH Rainbow trout	165,659	17,194	
Spring chinook salmon	333,794	16,799	

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Saratoga NFH			
Brown trout			563,141
Lake trout			150,421
TOTAL TO STATE:	7,308,219	731,372	4,009,572
ILLINOIS			
Erwin NFH			
Rainbow trout			162,690
Garrison Dam NFH			
Walleye	20,000	1	
Gavins Point NFH			
Paddlefish	50,000	2	
Walleye			7,617,979
Genoa NFH			
Northern pike			240,000
Walleye			14,200,000
Iron River NFH			
Lake trout	49,500	3,807	
Jordan River NFH			
Lake trout	11,400	994	
Neosho NFH			
Rainbow trout	5,000	1,923	
TOTAL TO STATE:	135,900	6,727	22,220,669
IOWA			
Genoa NFH			
Walleye	311,690	68	2,080,000
White bass	327	450	
Neosho NFH			
Palmetto bass	806	60	
Rainbow trout	1,500	568	
Saratoga NFH			
Brown trout			50,347
TOTAL TO STATE:	314,323	1,146	2,130,347
KANSAS			
Gavins Point NFH			
Smallmouth bass	126,150	9	
Walleye	2,400,000	17	
TOTAL TO STATE:	2,526,150	26	
KENTUCKY			
Ennis NFH			
Rainbow trout			1,132,303
Erwin NFH			
Rainbow trout			407,160
Saratoga NFH			
Brown trout			325,348

TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
White Sulphur Springs NFH			
Rainbow trout			222,154
Wolf Creek NFH			
Brown trout	103,150	9,411	
Rainbow trout	674,174	208,630	
TOTAL TO STATE:	777,324	218,041	2,086,965
LOUISIANA			
Gavins Point NFH			
Paddlefish	35,000	1	100,000
Mammoth Spring NFH			
Striped bass	232,500	1	
Natchitoches NFH			
Channel catfish	15,000	250	
Paddlefish	12,265	77	
Striped bass	663,777	492	
Private John Allen NFH			
Bluegill	176,625	225	
Largemouth bass	23,040	45	
Striped bass	78,840	45	
Warm Springs NFH			
Shortnose sturgeon	14	2	
TOTAL TO STATE:	1,237,061	1,138	100,000
MAINE			
Craig Brook NFH			
Atlantic salmon	2,073,450	3,675	1,359,596
Green Lake NFH			
Atlantic salmon	935,109	103,820	
Lake trout	1,016	161	
Landlocked Atlantic salmon	1,889	301	
TOTAL TO STATE:	3,011,464	107,957	1,359,596
MARYLAND			
Lamar NFH			
Atlantic sturgeon	4,667	471	
TOTAL TO STATE:	4,667	471	
MASSACHUSETTS			
Ennis NFH			
Rainbow trout			66,899
Erwin NFH			
Rainbow trout			82,740
Lamar NFH			
Atlantic sturgeon	290	5	
Nashua NFH			
Atlantic salmon			3,586,370
North Attleboro NFH			
Rainbow trout	544	1,219	

TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
White River NFH Atlantic salmon	920,960	9,560	429,239
White Sulphur Springs NFH Rainbow trout			982,865
TOTAL TO STATE:	921,794	10,784	5,148,113
MICHIGAN			
Ennis NFH Rainbow trout			950,048
Erwin NFH Rainbow trout			434,280
Genoa NFH Black crappie	300	75	
Hiawatha Forest NFH Lake trout	273	1,498	5,213,890
Iron River NFH Lake trout	834,902	43,561	3,006,340
Jordan River NFH Lake trout	2,491,255	169,313	2,509,700
Pendills Creek NFH Lake trout	658,492	33,290	
Saratoga NFH Lake trout			3,528,347
White Sulphur Springs NFH Rainbow trout			289,392
TOTAL TO STATE:	3,985,222	247,737	15,931,997
MINNESOTA			
Ennis NFH Rainbow trout			111,691
Genoa NFH Bluegill	17,000	30	
Largemouth bass	9,210	293	
Rainbow trout	8,733	133	
Walleye	1,000	2	
Yellow perch	11,800	24	
Hiawatha Forest NFH Lake trout			30,720
Iron River NFH Lake trout	192,500	16,775	
TOTAL TO STATE:	240,243	17,257	142,411
MISSISSIPPI			
Greers Ferry NFH Rainbow trout	2,000	104	
Lamar NFH Atlantic sturgeon	150	1	
Mammoth Spring NFH Paddlefish			16,800
Striped bass	300,000	1	
Walleye	300,000	1	

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Private John Allen NFH			
Bluegill	133,472	86	
Redear sunfish	640,210	603	
Striped bass	78,840	45	
Welaka NFH			
Striped bass	545,000		
TOTAL TO STATE:	1,999,672	841	16,800

MISSOURI

Dexter NFH			
Bonytail chub	1,950	1	27,670
Colorado squawfish			50,000
Gila topminnow	500	1	
Razorback sucker			46,050
Ennis NFH			
Rainbow trout			535,431
Erwin NFH			
Rainbow trout			82,290
Gavins Point NFH			
Paddlefish	15,000	1	
Pallid sturgeon			
Walleye	1,500,000	12	51,067
Genoa NFH			
Walleye	100,000	1	24,000
Iron River NFH			
Lake trout			17,500
Mammoth Spring NFH			
Largemouth bass	10	10	
Neosho NFH			
Rainbow trout	218,480	83,878	
TOTAL TO STATE:	1,835,940	83,904	834,008

MONTANA

Creston NFH			
Bull Trout	8,356	1,278	
Kokanee	1,761,362	40,725	
Rainbow trout	313,826	19,525	
Ennis NFH			
Rainbow trout	2,950	5,367	3,485,887
Garrison Dam NFH			
Northern pike			1,452,000
Smallmouth bass	93,000	115	
Gavins Point NFH			
Walleye			5,126,000
TOTAL TO STATE:	2,179,494	67,010	10,063,887

TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
NEBRASKA			
Ennis NFH			
Rainbow trout			362,750
Gavins Point NFH			
Bluegill	8	2	
Bowfin	2	3	
Channel catfish	200	3	
Largemouth bass	20,000	31	
Northern pike	1	5	
Paddlefish	41	10	
Pallid sturgeon	6	12	
Saugeye	13,591	94	
Shovelnose sturgeon	22	9	
Smallmouth bass	2,250	8	
TOTAL TO STATE:	36,121	177	362,750
NEVADA			
Dexter NFH			
Woundfin	7,000	29	
Ennis NFH			
Rainbow trout			222,749
Erwin NFH			
Rainbow trout			698,865
Gavins Point NFH			
Walleye	1,500,000	12	
Inks Dam NFH			
Largemouth bass	20,000	16	
Lahontan NFH			
Cutthroat trout	545,489	90,572	
Rainbow trout	7,410	9,741	
TOTAL TO STATE:	2,079,899	100,370	921,614
NEW HAMPSHIRE			
Green Lake NFH			
Atlantic salmon	50,074	8,545	10,000
Nashua NFH			
Atlantic salmon	24,200	34,472	804,400
North Attleboro NFH			
Atlantic salmon	1,102,246	591	1,062,007
White River NFH			
Atlantic salmon	393,826	156	
White Sulphur Springs NFH			
Rainbow trout			863,713
TOTAL TO STATE:	1,570,346	43,764	2,740,120
NEW JERSEY			
Mammoth Spring NFH			
Paddlefish	7	3	
TOTAL TO STATE:	7	3	

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
NEW MEXICO			
Alchesay/Williams Creek NFH			
Brown trout	25,000	1,206	
Cutthroat trout	59,375	4,557	
Rainbow trout	136,865	21,032	
Ennis NFH			
Rainbow trout			588,307
Hotchkiss NFH			
Rainbow trout	295,832	33,840	
Inks Dam NFH			
Channel catfish	56,280	17,330	
Largemouth bass	111,000	86	
Mescalero NFH			
Gila trout	150	2	
Rainbow trout	254,466	99,293	
Uvalde NFH			
Channel catfish	80,640	16,292	
Largemouth bass	7,489	640	
Yaqui catfish	10,154	20	
Willow Beach NFH			
Razorback sucker	3,804	1	
TOTAL TO STATE:	1,041,055	194,299	588,307
NEW YORK			
Allegheny NFH			
Atlantic salmon	6,600	786	
Lake trout	399,600	34,035	8,000
Landlocked Atlantic salmon	179,517	3,941	
Ennis NFH			
Rainbow trout			126,630
Lamar NFH			
Atlantic sturgeon	40	2	
Pittsford NFH, VT			
Landlocked Atlantic salmon	165,589	5,576	
Saratoga NFH			
Brown trout			160,465
White Sulphur Springs NFH			
Rainbow trout			240,470
TOTAL TO STATE:	751,346	44,340	535,565
NORTH CAROLINA			
Edenton NFH			
Striped bass	248,604	8,214	
White bass	22,372	58	
Ennis NFH			
Rainbow trout			789,317
Erwin NFH			
Rainbow trout	8,024	13,557	1,666,588
Genoa NFH			
Brown trout			109,620

TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
McKinney Lake NFH Striped bass	97,499	1,482	
TOTAL TO STATE:	376,499	23,311	2,565,525
NORTH DAKOTA			
Dexter NFH Razorback sucker	77,264	1	
Ennis NFH Rainbow trout	2,021	9,762	153,414
Garrison Dam NFH Brown trout	154,904	9,093	
Fall chinook salmon	546,703	11,534	
Northern pike	2,625,000	831	
Rainbow trout	253,533	33,198	
Saugeye	384,000	239	
Smallmouth bass	401,500	364	
Walleye	7,244,900	4,666	9,912,000
Gavins Point NFH Black crappie	20,000	59	
Paddlefish	1	1	
Shovelnose sturgeon	1	1	
Yellow perch	251,782	140	
Saratoga NFH Brown trout			151,574
Valley City/Baldhill Dam NFH Bluegill	248	16	
Largemouth bass	602,600	440	
Northern pike	1,877,370	512	
Smallmouth bass	225	682	
Tiger muskellunge	44,500	18	
Walleye	666,776	321	
Yellow perch	582,825	322	
White Sulphur Springs NFH Rainbow trout			124,310
TOTAL TO STATE:	15,736,153	72,200	10,341,298
OHIO			
Genoa NFH Brown trout			102,312
TOTAL TO STATE:			102,312
OKLAHOMA			
Gavins Point NFH Saugeye			2,152,000
Walleye			4,011,531
Genoa NFH Saugeye			2,920,000
Walleye			5,832,000
Greers Ferry NFH Rainbow trout	153,267	47,109	
Norfolk NFH Rainbow trout	50,000	4,333	

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Tishomingo NFH			
Channel catfish	471,511	15,173	
Smallmouth bass	201,363	439	
Uvalde NFH			
Largemouth bass	950,665	938	
Wolf Creek NFH			
Brown trout	10,000	928	
TOTAL TO STATE:	1,836,806	68,920	14,915,531

OREGON

Eagle Creek NFH			
Coho salmon	1,973,633	139,614	
Steelhead	267,558	41,438	
Little White Salmon/Willard NF:			
Spring chinook salmon			448,000
Spring Creek NFH			
Fall chinook salmon			4,395,734
Warm Springs NFH			
Rainbow trout	970	970	
Spring chinook salmon	420,886	36,661	
TOTAL TO STATE:	2,663,047	218,683	4,843,734

PENNSYLVANIA

Allegheny NFH			
Atlantic salmon	60	1	
Lake trout	348,450	4,706	2,506,126
Landlocked Atlantic salmon	90	58	
Garrison Dam NFH			
Saugeye	200,000	2	
Walleye	1,040,000	8	
Gavins Point NFH			
Paddlefish	200,000	6	
Genoa NFH			
Sauger			225,000
Lamar NFH			
Atlantic salmon	8,281	95	
Atlantic sturgeon	67	88	
Rainbow trout	8,379	8,449	
North Attleboro NFH			
Atlantic salmon			6,000
Saratoga NFH			
Lake trout			207,012
White River NFH			
Atlantic salmon	22	264	32,910
White Sulphur Springs NFH			
Rainbow trout	13,400	800	2,808
TOTAL TO STATE:	1,818,749	14,477	2,979,856

TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
RHODE ISLAND			
Nashua NFH			
Atlantic salmon			150,000
North Attleboro NFH			
Atlantic salmon	273,998	97	
White River NFH			
Atlantic salmon	11,940	3	
TOTAL TO STATE:	285,938	100	150,000
SOUTH CAROLINA			
Bears Bluff NFH			
Shortnose sturgeon	4,178	1	
Bo Ginn NFH/AQ			
Bluegill	2,147,191	3,072	
Channel catfish	2,450	2,176	
Redear sunfish	29,165	206	
Striped bass	20,610	2,629	
Edenton NFH			
Striped bass	503,438	462	
Erwin NFH			
Rainbow trout			1,335,035
Lamar NFH			
Atlantic sturgeon	75	1	
Orangeburg NFH			
Channel catfish	51	561	
Redbreast sunfish	1,015,844	1,490	
Striped bass	3,832,324	2,504	
TOTAL TO STATE:	7,555,326	13,102	1,335,035
SOUTH DAKOTA			
Dexter NFH			
Colorado squawfish	40	60	
Razorback sucker			46,050
Ennis NFH			
Rainbow trout			395,521
Garrison Dam NFH			
Northern pike	156,000	87	
Shovelnose sturgeon	6,000	1	
Walleye	500,000	4	
Gavins Point NFH			
Black crappie	301,696	1,186	
Bluegill	50	5	
Channel catfish	124,920	1,960	
Largemouth bass	329,287	228	
Paddlefish	11,737	6,111	
Rainbow trout	6,798	2,094	
Saugeye	23,500	75	
Smallmouth bass	206,870	363	
Walleye	3,915,250	1,095	
White crappie	25,312	113	
Yellow perch	350,700	249	
TOTAL TO STATE:	5,958,160	13,631	441,571

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
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TENNESSEE

Dale Hollow NFH			
Brown trout	97,315	10,642	
Lake trout	8,005	559	
Rainbow trout	904,862	270,639	
Ennis NFH			
Rainbow trout			2,366,463
Erwin NFH			
Rainbow trout	35,189	29,210	3,127,075
Genoa NFH			
Brown trout			147,900
Iron River NFH			
Lake trout			213,480
Private John Allen NFH			
Walleye	35,088	22	
Saratoga NFH			
Brown trout			523,876
Lake trout			12,048
Wolf Creek NFH			
Rainbow trout	70,000	1,805	
TOTAL TO STATE:	1,150,459	312,877	6,390,842

TEXAS

Gavins Point NFH			
Paddlefish			100,000
Genoa NFH			
Saugeye			760,000
Inks Dam NFH			
Channel catfish	55,781	16,550	
Largemouth bass	1,952	847	
Striped bass	22,875	35	
Mammoth Spring NFH			
Striped bass	300,000	1	
Tishomingo NFH			
Channel catfish	52,800	3,302	
Uvalde NFH			
Channel catfish	65,325	4,747	115,200
Goldfish	500	2	
Largemouth bass	6,813	345	
Welaka NFH			
Striped bass	40,000		
TOTAL TO STATE:	546,046	25,829	975,200

UTAH

Dexter NFH			
Bonytail chub	4,888	1	
Ennis NFH			
Rainbow trout			780,693
Gavins Point NFH			
Smallmouth bass	82,260	88	
Inks Dam NFH			
Channel catfish	105,560	4,660	

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Jackson NFH			
Cutthroat trout			13,740
Jones Hole NFH			
Brook trout	6,064	150	
Brown trout	37,067	2,019	
Cutthroat trout	40,661	3,254	
Rainbow trout	1,184,775	77,496	
Ouray NFH			
Razorback sucker	1,859	259	
Saratoga NFH			
Brown trout			65,234
TOTAL TO STATE:	1,463,134	87,927	859,667
VERMONT			
North Attleboro NFH			
Atlantic salmon			435,210
Pittsford NFH, VT			
Atlantic salmon	427,170	159	
Lake trout	9,345	2,670	
Landlocked Atlantic salmon	81,010	5,812	
Richard Cronin NSS, MA			
Atlantic salmon			2,194,489
White River NFH			
Atlantic salmon	2,507,995	967	9,731
TOTAL TO STATE:	3,025,520	9,608	2,639,430
VIRGINIA			
Ennis NFH			
Rainbow trout			221,448
Genoa NFH			
Walleye			1,200,000
Harrison Lake NFH			
American shad	3,262,616		
Striped bass	170,638	122	
White Sulphur Springs NFH			
Rainbow trout	1,000	1,025	
TOTAL TO STATE:	3,434,254	1,147	1,421,448
WASHINGTON			
Abernathy STC			
Fall chinook salmon	1,037,507	21,790	
Carson NFH			
Spring chinook salmon	1,766,655	90,539	
Dworshak NFH			
Spring chinook salmon	390	33	
Steelhead	4,009	729	
Eagle Creek NFH			
Coho salmon	466,067	17,892	
Steelhead	520	145	
Entiat NFH			
Spring chinook salmon	335,713	25,160	

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
Garrison Dam NFH			
Walleye	40,000	1	
Leavenworth NFH			
Spring chinook salmon	1,706,060	105,515	
Little White Salmon/Willard NF:			
Fall chinook salmon	5,186,741	36,679	2,000
Spring chinook salmon	982,452	63,596	
Makah NFH			
Chum salmon	20,858	71	
Coho salmon	463,229	21,105	
Fall chinook salmon	845,264	15,687	
Steelhead	268,580	30,696	
Quilcene NFH			
Chum salmon	2,296,642	4,097	
Coho salmon	772,773	26,742	500,000
Quinault NFH			
Chum salmon	354,000	738	
Coho salmon	241,374	14,217	
Fall chinook salmon	622,714	14,086	
Steelhead	410,743	61,855	
Spring Creek NFH			
Fall chinook salmon	16,440,491	210,901	2,000
Spring chinook salmon	9,945	829	
Willard NFH			
Coho salmon	2,354,413	144,471	
Fall chinook salmon	4,008	26	
Winthrop NFH			
Coho salmon	235,281	15,298	
Spring chinook salmon	112,695	8,741	
Steelhead	141,798	22,446	
Summer chinook salmon	40,498	4,369	
TOTAL TO STATE:	37,161,420	958,454	504,000

WEST VIRGINIA

Allegheny NFH			
Lake trout			450
Bowden NFH			
Brook trout	33,284	12,040	
Brown trout	30,695	4,748	
Rainbow trout	268,259	125,500	
Gavins Point NFH			
Paddlefish			20,000
Lamar NFH			
Atlantic sturgeon	508	5	
White River NFH			
Atlantic salmon	3,775	980	23,103
White Sulphur Springs NFH			
Rainbow trout	15,959	30,431	65,813
TOTAL TO STATE:	352,480	173,704	109,366

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
WISCONSIN			
Ennis NFH			
Rainbow trout			509,227
Erwin NFH			
Rainbow trout			104,160
Garrison Dam NFH			
Northern pike	1,000	1	
Gavins Point NFH			
Black crappie	3,000	2	
Paddlefish			120,479
Genoa NFH			
Black bullhead	50	50	
Bluegill	1,750	140	
Bowfin	57	114	
Brook trout	5,330	655	
Brown bullhead	33	22	
Brown trout	3,234	852	
Carp	68	158	
Largemouth bass	10,015	165	
Northern pike	3,011,298	13	80,000
Rainbow trout	49,953	7,729	
Rock bass	3	1	
Sauger			3,562,500
Shorthead redhorse	3	2	
Smallmouth bass	826	2	
Snortnose gar	2	1	
Spotted sucker	3	2	
Stickleback	11,400	19	
Walleye	4,247,812	2,975	
White bass	1	1	
Yellow bullhead	3	2	
Yellow perch	39	22	
Iron River NFH			
Lake trout	332,213	28,464	1,726,670
Walleye	15,000	700	
Jordan River NFH			
Lake trout	60,800	5,286	
Neosho NFH			
Brook trout	20,000	50	
Lake Sturgeon	1,820	48	
Pendills Creek NFH			
Lake trout	38,430	1,272	
Saratoga NFH			
Brown trout			10,349
Lake trout			100,037
TOTAL TO STATE:	7,814,143	48,748	6,213,422

**TABLE III.
STATES THAT BENEFIT FROM NATIONAL FISH HATCHERY DISTRIBUTION - FY96 (Continued)**

Delivering Facility	Number Fish Distributed	Weight (Pounds)	Number Eggs Distributed
WYOMING			
Ennis NFH			
Rainbow trout			259,492
Garrison Dam NFH			
Northern pike	90,900	112	
Smallmouth bass	111,200	199	
Gavins Point NFH			
Shovelnose sturgeon	697	39	
Jackson NFH			
Cutthroat trout	165,570	31,657	627,293
Lake trout	16,182	3,772	
Jones Hole NFH			
Brown trout	14,000	480	
Rainbow trout	286,900	49,940	
Saratoga NFH			
Lake trout			50,543
Tishomingo NFH			
Channel catfish	174,392	4,987	
TOTAL TO STATE:	859,841	91,186	937,328
GRAND TOTAL TO ALL STATES:	161,490,973	5,504,311	144,503,642

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 1

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
CALIFORNIA							
Coleman NFH	Fall chinook salmon	B	13,969	62		Research and Development Restoration/Mitigation	
	Fall chinook salmon	B	19,898,574	122,897			
	<i>Stocked:</i>		19,912,543	122,959			
	Late fall chinook salmon	B	7,129	309		Research and Development Restoration/Mitigation	
	Late fall chinook salmon	B	267,398	15,376			
	Late fall chinook salmon	C	133,721	10,178			
	Late fall chinook salmon	C	529,845	38,494		Research and Development Restoration/Mitigation	
	<i>Stocked:</i>		938,093	64,357			
	Steelhead	B	399,328	2,531		Restoration/Mitigation	
	Steelhead	C	531,134	128,224			
	<i>Stocked:</i>		930,462	130,755			
	Winter chinook salmon	B	51,915	297		Endangered/Threatened Species	
	<i>Stocked:</i>		51,915	297			
	Total Distributed by Facility:			21,833,013	318,368		
	IDAHO						
Dworshak NFH	Spring chinook salmon				57,000	Restoration/Mitigation Research and Development Restoration/Mitigation	
	Spring chinook salmon	C	390	33			
	Spring chinook salmon	C	102,903	9,287			
	<i>Stocked:</i>		103,293	9,320	57,000		
	Steelhead				2,782,500	Restoration/Mitigation Research and Development Restoration/Mitigation	
	Steelhead	C	4,009	729			
	Steelhead	C	2,480,639	392,686			
	<i>Stocked</i>		2,484,648	393,415	2,782,500		
	Total Distributed by Facility:			2,587,941	402,735	2,839,500	
	Hagerman NFH	Steelhead	B	101,812	4,727		Restoration/Mitigation
Steelhead		C	1,389,304	266,244		Restoration/Mitigation	
<i>Stocked:</i>			1,491,116	270,971			
Total Distributed by Facility:			1,491,116	270,971			
Kooskia NFH	Rainbow trout (t)	C	165,659	17,194		Restoration/Mitigation	
	<i>Transferred:</i>		165,659	17,194			
	Spring chinook salmon	B	333,794	16,799		Restoration/Mitigation	
	<i>Stocked:</i>		333,794	16,799			
	Total Stocked by Facility:			333,794	16,799		
Total Transferred by Facility:			165,659	17,194			
Total Distributed by Facility:			499,453	33,993			

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 1 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
NEVADA						
Lahontan NFH	Cutthroat trout	A	3,315	3		Research and Development
	Cutthroat trout	B	1,160	16		Research and Development
	Cutthroat trout	B	60,440	626		Restoration/Mitigation
	Cutthroat trout	C	511,207	90,230		Restoration/Mitigation
	<i>Stocked:</i>		576,122	90,875		
	Rainbow trout	C	6,865	9,679		Other programs
	Rainbow trout	C	551	64		Research and Development
	<i>Stocked:</i>		7,416	9,743		
	Total Distributed by Facility:		583,538	100,618		
	OREGON					
Eagle Creek NFH	Coho salmon	B	466,067	17,892		Restoration/Mitigation
	Coho salmon	C	1,973,633	139,614		Restoration/Mitigation
	<i>Stocked:</i>		2,439,700	157,506		
	Steelhead	B	70,527	371		Restoration/Mitigation
	Steelhead	C	520	145		Mgmt. Asst. on Fed/Indian
	Steelhead	C	400	29		Research and Development
	Steelhead	C	196,631	41,038		Restoration/Mitigation
	<i>Stocked:</i>		268,078	41,583		
	Total Distributed by Facility:		2,707,778	199,089		
	Warm Springs NFH	Rainbow trout	C	970	970	
<i>Stocked:</i>			970	970		
Spring chinook salmon		C	420,886	36,661		Restoration/Mitigation
<i>Stocked:</i>			420,886	36,661		
Total Distributed by Facility:			421,856	37,631		
WASHINGTON						
Abernathy STC	Fall chinook salmon	B	1,037,507	21,790		Restoration/Mitigation
	<i>Stocked:</i>		1,037,507	21,790		
Total Distributed by Facility:		1,037,507	21,790			
Carson NFH	Spring chinook salmon	B	600,000	25,000		Restoration/Mitigation
	Spring chinook salmon	C	1,166,655	65,539		Restoration/Mitigation
	<i>Stocked:</i>		1,766,655	90,539		
Total Distributed by Facility:		1,766,655	90,539			
Entiat NFH	Spring chinook salmon	C	120	8		Research and Development
	Spring chinook salmon	C	335,593	25,152		Restoration/Mitigation
	<i>Stocked:</i>		335,713	25,160		
Total Distributed by Facility:		335,713	25,160			

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 1 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
Leavenworth NFH	Spring chinook salmon	B	1,706,060	105,515		Restoration/Mitigation	
	<i>Stocked:</i>		1,706,060	105,515			
	Total Distributed by Facility:		1,706,060	105,515			
Little White Salmon/Willard NFH	Fall chinook salmon				2,000	Other programs	
	Fall chinook salmon	B	4,008	26		Research and Development	
	Fall chinook salmon	B	5,182,733	36,653		Restoration/Mitigation	
	<i>Stocked:</i>		5,186,741	36,679	2,000		
	Spring chinook salmon				448,000	Restoration/Mitigation	
	Spring chinook salmon	B	6,887	207		Research and Development	
	Spring chinook salmon	C	4,050	233		Research and Development	
	Spring chinook salmon	C	961,515	63,027		Restoration/Mitigation	
	Spring chinook salmon (t)	B	10,000	129		Restoration/Mitigation	
	<i>Stocked:</i>		972,452	63,467	448,000		
	<i>Transferred:</i>		10,000	129			
	Total Stocked by Facility:		6,159,193	100,146	450,000		
	Total Transferred by Facility:		10,000	129			
	Total Distributed by Facility:		6,169,193	100,275	450,000		
Makah NFH	Chum salmon	B	20,858	71		Restoration/Mitigation	
	<i>Stocked:</i>		20,858	71			
	Coho salmon	A	125,314	121		Restoration/Mitigation	
	Coho salmon	B	173,415	10,162		Restoration/Mitigation	
	Coho salmon	C	164,500	10,822		Restoration/Mitigation	
	<i>Stocked:</i>		463,229	21,105			
	Fall chinook salmon	B	845,264	15,687		Restoration/Mitigation	
	<i>Stocked:</i>		845,264	15,687			
	Steelhead	B	57,000	63		Restoration/Mitigation	
	Steelhead	C	211,580	30,633		Restoration/Mitigation	
	<i>Stocked:</i>		268,580	30,696			
	Total Distributed by Facility:		1,597,931	67,559			
	Quilcene NFH	Chum salmon	B	2,296,642	4,097		Restoration/Mitigation
		<i>Stocked:</i>		2,296,642	4,097		
Coho salmon					500,000	Restoration/Mitigation	
Coho salmon		A	120,000	80		Restoration/Mitigation	
Coho salmon		B	652,773	26,662		Restoration/Mitigation	
<i>Stocked:</i>			772,773	26,742	500,000		
Total Distributed by Facility:			3,069,415	30,839	500,000		
Quinault NFH	Chum salmon	B	354,000	738		Restoration/Mitigation	
	<i>Stocked:</i>		354,000	738			
	Coho salmon	B	241,374	14,217		Restoration/Mitigation	
<i>Stocked:</i>		241,374	14,217				

(t) = Transferred to a Service facility

Size Key: A = Less than 1.5"

B = 1.5" to 5.5"

C = Greater than 5.5"

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 1 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
Quinault NFH (continued)	Fall chinook salmon	B	622,714	14,086		Restoration/Mitigation
	<i>Stocked:</i>		622,714	14,086		
	Steelhead	B	22,705	227		Restoration/Mitigation
	Steelhead	C	388,038	61,628		Restoration/Mitigation
	<i>Stocked:</i>		410,743	61,855		
Total Distributed by Facility:			1,628,831	90,896		
Spring Creek NFH	Fall chinook salmon				2,000	Research and Development
	Fall chinook salmon				4,395,734	Restoration/Mitigation
	Fall chinook salmon	B	16,440,491	210,901		Restoration/Mitigation
	<i>Stocked:</i>		16,440,491	210,901	4,397,734	
	Spring chinook salmon	C	9,945	829		Restoration/Mitigation
	<i>Stocked:</i>		9,945	829		
Total Distributed by Facility:			16,450,436	211,730	4,397,734	
Willard NFH	Coho salmon	C	2,354,413	144,471		Restoration/Mitigation
	<i>Stocked:</i>		2,354,413	144,471		
	Fall chinook salmon	B	4,008	26		Research and Development
	<i>Stocked:</i>		4,008	26		
Total Distributed by Facility:			2,358,421	144,497		
Winthrop NFH	Coho salmon	C	235,281	15,298		Restoration/Mitigation
	<i>Stocked:</i>		235,281	15,298		
	Spring chinook salmon	C	300	22		Research and Development
	Spring chinook salmon	C	112,395	8,719		Restoration/Mitigation
	<i>Stocked:</i>		112,695	8,741		
	Steelhead	C	141,798	22,446		Restoration/Mitigation
	<i>Stocked:</i>		141,798	22,446		
	Summer chinook salmon	C	40,498	4,369		Restoration/Mitigation
	<i>Stocked:</i>		40,498	4,369		
	Total Distributed by Facility:			530,272	50,854	

REGION 1 TOTALS

Region 1 Total Stocked	66,599,470	2,285,736	8,187,234
Region 1 Total Transferred	175,659	17,323	
Region 1 Total Distributed	66,775,129	2,303,059	8,187,234

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 2

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
ARIZONA						
Alchesay/ Williams Creek NFH	Apache trout	B	10,000	72		Endangered/Threatened Species
	Apache trout	C	6	3		Endangered/Threatened Species
	Apache trout	C	89,610	25,902		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		99,616	25,977		
	Brook trout	B	128,700	734		Mgmt. Asst. on Fed/Indian
	Brook trout	B	27,800	46		Other programs
	<i>Stocked:</i>		156,500	780		
	Brown trout	B	25,000	1,206		Mgmt. Asst. on Fed/Indian
	Brown trout	C	21,500	2,240		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		46,500	3,446		
	Cutthroat trout	B	9,000	545		Mgmt. Asst. on Fed/Indian
	Cutthroat trout	C	100,635	14,767		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		109,635	15,312		
	Rainbow trout	B	275,474	10,461		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	380,094	84,848		Mgmt. Asst. on Fed/Indian
Rainbow trout	C	400	111		Research and Development	
<i>Stocked:</i>		655,968	95,420			
Total Distributed by Facility:			1,068,219	140,935		
Willow Beach NFH	Bonytail chub	B	2,350	120		Endangered/Threatened Species
	<i>Stocked:</i>		2,350	120		
	Razorback sucker	A	3,804	1		Endangered/Threatened Species
	Razorback sucker	B	12,300	97		Endangered/Threatened Species
	<i>Stocked:</i>		16,104	98		
	Rainbow trout	C	14,900	4,935		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	4,900	1,400		Other programs
	Rainbow trout	C	338,210	103,250		Restoration/Mitigation
	<i>Stocked:</i>		358,010	109,585		
	Total Distributed by Facility:			376,464	109,803	
NEW MEXICO						
Dexter NFH	Bonytail chub				27,670	Endangered/Threatened Species
	Bonytail chub	A	6,838	2		Endangered/Threatened Species
	Bonytail chub	B	21,624	124		Endangered/Threatened Species
	Bonytail chub	C	200	10		Endangered/Threatened Species

(t) = Transferred to a Service facility

Size Key: A = Less than 1.5"

B = 1.5" to 5.5"

C = Greater than 5.5"

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 2 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
Dexter NFH (continued)	Bonytail chub (t)	B	13,325	103		Endangered/Threatened Species
	<i>Stocked:</i>		28,662	136	27,670	
	<i>Transferred:</i>		13,325	103		
	Colorado squawfish				50,000	Endangered/Threatened Species
	Colorado squawfish	C	676	696		Endangered/Threatened Species
	<i>Stocked:</i>		676	696	50,000	
	Gila topminnow	A	500	1		Endangered/Threatened Species
	<i>Stocked:</i>		500	1		
	Razorback sucker				92,100	Endangered/Threatened Species
	Razorback sucker	A	77,264	1		Endangered/Threatened Species
	Razorback sucker	B	17,887	264		Endangered/Threatened Species
	Razorback sucker	C	599	361		Endangered/Threatened Species
	<i>Stocked:</i>		95,750	626	92,100	
	Woundfin	B	7,300	30		Endangered/Threatened Species
	<i>Stocked:</i>		7,300	30		
Total Stocked by Facility:		132,888	1,489	169,770		
Total Transferred by Facility:		13,325	103			
Total Distributed by Facility:		146,213	1,592	169,770		
Mescalero NFH	Gila trout	B	150	2		Endangered/Threatened Species
	<i>Stocked:</i>		150	2		
	Rainbow trout	B	10,000	294		Endangered/Threatened Species
	Rainbow trout	C	9,282	3,900		Endangered/Threatened Species
	Rainbow trout	C	4,780	1,988		Other programs
	Rainbow trout	C	230,404	93,111		Restoration/Mitigation
	<i>Stocked:</i>		254,466	99,293		
Total Distributed by Facility:		254,616	99,295			

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 2 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
OKLAHOMA							
Tishomingo NFH	Channel catfish	A	219,105	48		Other programs	
	Channel catfish	A	42,000	14		Research and Development	
	Channel catfish	B	25,000	1,250		Mgmt. Asst. on Fed/Indian	
	Channel catfish	B	10,800	514		Other programs	
	Channel catfish	B	9,000	487		Research and Development	
	Channel catfish	B	174,392	4,987		Restoration/Mitigation	
	Channel catfish	C	101,156	8,046		Mgmt. Asst. on Fed/Indian	
	Channel catfish	C	117,250	8,116		Restoration/Mitigation	
	<i>Stocked:</i>		698,703	23,462			
	Smallmouth bass	B	201,363	439		Restoration/Mitigation	
	<i>Stocked:</i>		201,363	439			
	Total Distributed by Facility:		900,066	23,901			
	TEXAS						
	Inks Dam NFH	Channel catfish	B	95,040	1,760		Other programs
Channel catfish		C	103,363	31,045		Mgmt. Asst. on Fed/Indian	
Channel catfish		C	11,020	3,025		Other programs	
Channel catfish		C	8,198	2,710		Restoration/Mitigation	
<i>Stocked:</i>			217,621	38,540			
Largemouth bass		A	125,000	97		Mgmt. Asst. on Fed/Indian	
Largemouth bass		A	46,000	36		Other programs	
Largemouth bass		C	1,952	847		Research and Development	
<i>Stocked:</i>			172,952	980			
Striped bass		B	22,475	31		Restoration/Mitigation	
Striped bass (t)		B	400	4		Egg Shipment	
<i>Stocked:</i>			22,475	31			
<i>Transferred:</i>			400	4			
Total Stocked by Facility:			413,048	39,551			
Total Transferred by Facility:			400	4			
Total Distributed by Facility:			413,448	39,555			
Uvalde NFH	Channel catfish				115,200	Mgmt. Asst. on Fed/Indian	
	Channel catfish	A	61,300	51		Mgmt. Asst. on Fed/Indian	
	Channel catfish	B	656,009	12,077		Mgmt. Asst. on Fed/Indian	
	Channel catfish	B	8,000	96		Other programs	
	Channel catfish	C	54,525	18,352		Mgmt. Asst. on Fed/Indian	
	Channel catfish	C	45,883	5,889		Other programs	
	Channel catfish (t)	C	57	399		Mgmt. Asst. on Fed/Indian	
	<i>Stocked:</i>		825,717	36,465	115,200		
	<i>Transferred:</i>		57	399			
	Goldfish	B	500	2		Research and Development	
<i>Stocked:</i>		500	2				

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 2 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
Uvalde NFH (continued)	Largemouth bass	A	242,435	211		Mgmt. Asst. on Fed/Indian	
	Largemouth bass	A	34,100	35		Other programs	
	Largemouth bass	A	645,050	521		Restoration/Mitigation	
	Largemouth bass	B	33,330	155		Mgmt. Asst. on Fed/Indian	
	Largemouth bass	C	7,489	640		Mgmt. Asst. on Fed/Indian	
	Largemouth bass	C	2,313	340		Research and Development	
	Largemouth bass	C	655	373		Restoration/Mitigation	
	<i>Stocked:</i>			965,372	2,275		
	<i>Yaqui catfish (t)</i>	B	10,154	20			Endangered/Threatened Species
	<i>Transferred:</i>			10,154	20		
<i>Total Stocked by Facility:</i>			1,791,589	38,742	115,200		
<i>Total Transferred by Facility:</i>			10,211	419			
<i>Total Distributed by Facility:</i>			1,801,800	39,161	115,200		

REGION 2 TOTALS

Region 2 Total Stocked	4,936,890	453,716	284,970
Region 2 Total Transferred	23,936	526	
Region 2 Total Distributed	4,960,826	454,242	284,970

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 3

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
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MICHIGAN

Hiawatha Forest NFH	Lake trout				30,720	Research and Development Restoration/Mitigation Other programs Restoration/Mitigation
	Lake trout				5,213,890	
	Lake trout	C	203	1,279		
	Lake trout	C	70	219		
	<i>Stocked:</i>		273	1,498	5,244,610	
Total Distributed by Facility:			273	1,498	5,244,610	
Jordan River NFH	Lake trout				2,509,700	Restoration/Mitigation Restoration/Mitigation Restoration/Mitigation
	Lake trout	C	1,935,095	173,476		
	Lake trout (t)	B	628,360	2,117		
	<i>Stocked:</i>		1,935,095	173,476	2,509,700	
	<i>Transferred:</i>		628,360	2,117		
Total Stocked by Facility:			1,935,095	173,476	2,509,700	
Total Transferred by Facility:			628,360	2,117		
Total Distributed by Facility:			2,563,455	175,593	2,509,700	
Pendills Creek NFH	Lake trout	B	343,590	15,797		Restoration/Mitigation Restoration/Mitigation Other programs
	Lake trout	C	203,090	18,268		
	Lake trout (t)	B	150,242	497		
	<i>Stocked:</i>		546,680	34,065		
	<i>Transferred:</i>		150,242	497		
Total Stocked by Facility:			546,680	34,065		
Total Transferred by Facility:			150,242	497		
Total Distributed by Facility:			696,922	34,562		

MISSOURI

Neosho NFH	Brook trout (t)	B	20,000	50		Mgmt. Asst. on Fed/Indian
	<i>Transferred:</i>		20,000	50		
	Lake Sturgeon	C	1,820	48		Restoration/Mitigation
	<i>Stocked:</i>		1,820	48		
	Rainbow trout	C	6,500	2,491		Mgmt. Asst. on Fed/Indian Other programs
	Rainbow trout	C	823	393		
	Rainbow trout	C	217,657	83,485		Restoration/Mitigation Mgmt. Asst. on Fed/Indian
	Rainbow trout (t)	B	75,920	581		
	<i>Stocked:</i>		224,980	86,369		
	<i>Transferred:</i>		75,920	581		
Palmetto bass	B	295	12		Mgmt. Asst. on Fed/Indian Mgmt. Asst. on Fed/Indian	
Palmetto bass	C	511	48			
<i>Stocked:</i>		806	60			
Total Stocked by Facility:			227,606	86,477		
Total Transferred by Facility:			95,920	631		
Total Distributed by Facility:			323,526	87,108		

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 3 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
Genoa NFH	Brook trout	C	5,080	635		Mgmt. Asst. on Fed/Indian Research and Development	
	Brook trout	C	250	20			
	<i>Stocked:</i>			5,330	655		
	Black bullhead	C	50	50		Research and Development	
	<i>Stocked:</i>			50	50		
	Black crappie	C	300	75		Mgmt. Asst. on Fed/Indian	
	<i>Stocked:</i>			300	75		
	Bluegill	A	2,000	5		Restoration/Mitigation	
	Bluegill	B	15,000	25			
	Bluegill	C	1,750	140			
	<i>Stocked:</i>			18,750	170		
	Brown trout					102,312	Cooperator Mgmt. Program Mgmt. Asst. on Fed/Indian Restoration/Mitigation Mgmt. Asst. on Fed/Indian Restoration/Mitigation
	Brown trout					109,620	
	Brown trout					147,900	
	Brown trout	C	250	187			
	Brown trout	C	2,984	665			
	<i>Stocked:</i>			3,234	852	359,832	
	Bowfin	C	57	114		Restoration/Mitigation	
	<i>Stocked:</i>			57	114		
	Brown bullhead	C	33	22		Research and Development	
	<i>Stocked:</i>			33	22		
	Carp	C	68	158		Research and Development	
	<i>Stocked:</i>			68	158		
	Largemouth bass	B	9,080	33		Mgmt. Asst. on Fed/Indian Research and Development Restoration/Mitigation	
	Largemouth bass	B	10,015	165			
	Largemouth bass	C	130	260			
	<i>Stocked:</i>			19,225	458		
Northern pike					80,000	Research and Development Restoration/Mitigation Mgmt. Asst. on Fed/Indian Restoration/Mitigation	
Northern pike					240,000		
Northern pike	A	2,111,298	1				
Northern pike	A	900,000	12				
<i>Stocked:</i>			3,011,298	13	320,000		
Rainbow trout	A	527	112		Mgmt. Asst. on Fed/Indian		
Rainbow trout	B	19,483	301				
Rainbow trout	B	400	6		Research and Development		
Rainbow trout	B	1,000	14				
Rainbow trout	C	30	4		Restoration/Mitigation Research and Development		
Rainbow trout	C	37,246	7,425				
<i>Stocked:</i>			58,686	7,862			
Rock bass	C	3	1		Research and Development		
<i>Stocked:</i>			3	1			

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 3 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
Genoa NFH (continued)	Sauger				300,000	Cooperator Mgmt. Program Trade off
	Sauger				3,562,500	
	<i>Stocked:</i>				3,862,500	
	Shorthead redhorse	C	3	2		Research and Development
	<i>Stocked:</i>		3	2		
	Smallmouth bass	A	826	2		Research and Development
	<i>Stocked:</i>		826	2		
	Snortnose gar	C	2	1		Research and Development
	<i>Stocked:</i>		2	1		
	Spotted sucker	C	3	2		Research and Development
	<i>Stocked:</i>		3	2		
	Stickleback	A	11,400	19		Research and Development
	<i>Stocked:</i>		11,400	19		
	Walleye				24,000	Research and Development Restoration/Mitigation
	Walleye				15,720,000	
	Walleye				9,112,000	Trade off
	Walleye	A	4,109,000	30		Mgmt. Asst. on Fed/Indian
	Walleye	A	400,000	3		Other programs
	Walleye	A	6,978	7		Research and Development
	Walleye	A	500,000	4		Restoration/Mitigation
	Walleye	B	8,200	211		Mgmt. Asst. on Fed/Indian
	Walleye	B	1,399	3		Research and Development
	Walleye	B	13,880	282		Restoration/Mitigation
	Walleye	C	8,497	451		Mgmt. Asst. on Fed/Indian
	Walleye	C	12,548	2,058		Restoration/Mitigation
	<i>Stocked:</i>		5,060,502	3,049	24,856,000	
	White bass	C	327	450		Mgmt. Asst. on Fed/Indian Research and Development
	White bass	C	1	1		
	<i>Stocked:</i>		328	451		
	Saugeye				3,680,000	Trade off
	<i>Stocked:</i>				3,680,000	
	Yellow bullhead	C	3	2		Research and Development
	<i>Stocked:</i>		3	2		
	Yellow perch	A	11,800	24		Restoration/Mitigation Research and Development
	Yellow perch	C	39	22		
	<i>Stocked:</i>		11,839	46		
	Total Distributed by Facility:		8,201,940	14,004	33,078,332	

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 3 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
Iron River NFH	Lake trout				213,480	Other programs
	Lake trout				28,600	Research and Development
	Lake trout				4,721,910	Restoration/Mitigation
	Lake trout	B	300	10		Research and Development
	Lake trout	B	120,500	2,539		Restoration/Mitigation
	Lake trout	C	500	3,336		Research and Development
	Lake trout	C	1,037,413	83,808		Restoration/Mitigation
	Lake trout (t)	B	250,402	2,914		Restoration/Mitigation
	<i>Stocked:</i>		1,158,713	89,693	4,963,990	
	<i>Transferred:</i>		250,402	2,914		
	Walleye	B	15,000	700		Mgmt. Asst. on Fed/Indian
<i>Stocked:</i>		15,000	700			
Total Stocked by Facility:			1,173,713	90,393	4,963,990	
Total Transferred by Facility:			250,402	2,914		
Total Distributed by Facility:			1,424,115	93,307	4,963,990	

REGION 3 TOTALS

Region 3 Total Stocked	12,085,307	399,913	45,796,632
Region 3 Total Transferred	1,124,924	6,159	
Region 3 Total Distributed	13,210,231	406,072	45,796,632

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 4

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
ARKANSAS							
Greens Ferry NFH	Brook trout	B	36,450	1,716		Restoration/Mitigation	
	Brook trout	C	83,500	7,776		Restoration/Mitigation	
	<i>Stocked:</i>		119,950	9,492			
	Rainbow trout	B	2,000	104		Research and Development	
	Rainbow trout	B	330,360	18,507		Restoration/Mitigation	
	Rainbow trout	C	603,487	196,010		Restoration/Mitigation	
	<i>Stocked:</i>		935,847	214,621			
	<i>Total Distributed by Facility:</i>			1,055,797	224,113		
	Mammoth Spring	Channel catfish	C	1,200	1,000		Mgmt. Asst. on Fed/Indian
		Channel catfish	C	680	875		Restoration/Mitigation
<i>Stocked:</i>			1,880	1,875			
Grass carp		C	90	270		Restoration/Mitigation	
<i>Stocked:</i>			90	270			
Largemouth bass		B	23,000	17		Restoration/Mitigation	
Largemouth bass		C	10	10		Research and Development	
Largemouth bass		C	20	120		Restoration/Mitigation	
<i>Stocked:</i>			23,030	147			
Paddlefish					16,800	Restoration/Mitigation	
Paddlefish		C	524	1,105		Endangered/Threatened Species	
Paddlefish		C	7	3		Research and Development	
<i>Stocked:</i>			531	1,108	16,800		
Rainbow trout		C	6,743	2,189		Restoration/Mitigation	
<i>Stocked:</i>			6,743	2,189			
Smallmouth bass		B	10,500	21		Restoration/Mitigation	
<i>Stocked:</i>			10,500	21			
Striped bass (t)		A	1,032,500	4		Restoration/Mitigation	
<i>Transferred:</i>			1,032,500	4			
Walleye		B	363,900	235		Restoration/Mitigation	
Walleye (t)	A	300,000	1		Restoration/Mitigation		
<i>Stocked:</i>		363,900	235				
<i>Transferred:</i>		300,000	1				
<i>Total Stocked by Facility:</i>			406,674	5,845	16,800		
<i>Total Transferred by Facility:</i>			1,332,500	5			
<i>Total Distributed by Facility:</i>			1,739,174	5,850	16,800		

(t) = Transferred to a Service facility

Size Key: A = Less than 1.5"

B = 1.5" to 5.5"

C = Greater than 5.5"

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
Norfolk NFH	Cutthroat trout	B	104,000	1,503		Restoration/Mitigation	
	Cutthroat trout	C	122,000	20,259		Restoration/Mitigation	
	<i>Stocked:</i>		226,000	21,762			
	Rainbow trout	A	74,480	56		Other programs	
	Rainbow trout	B	315,720	18,192		Restoration/Mitigation	
	Rainbow trout	C	6,800	2,051		Mgmt. Asst. on Fed/Indian	
	Rainbow trout	C	1,257,557	366,862		Restoration/Mitigation	
	<i>Stocked:</i>		1,654,557	387,161			
	Total Distributed by Facility:			1,880,557	408,923		

FLORIDA

Welaka NFH	Bluegill	A	5,000	10		Mgmt. Asst. on Fed/Indian
	Bluegill	B	1,600	50		Other programs
	Bluegill	B	700	30		Research and Development
	Bluegill	C	50	35		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		7,350	125		
	Channel catfish	C	1,600	325		Future Broodstock
	<i>Stocked:</i>		1,600	325		
	Largemouth bass	A	38,675	55		Other programs
	Largemouth bass	B	10,000	19		Mgmt. Asst. on Fed/Indian
	Largemouth bass	B	38,248	85		Other programs
	Largemouth bass	B	5,000	22		Research and Development
	<i>Stocked:</i>		91,923	181		
	Redear sunfish	B	1,000	5		Other programs
	<i>Stocked:</i>		1,000	5		
	Striped bass	A	2,266,000	351		Restoration/Mitigation
	Striped bass	B	100,400	131		Restoration/Mitigation
	Striped bass	C	10,115	1,780		Restoration/Mitigation
Striped bass (t)	A	1,590,000	33		Restoration/Mitigation	
Striped bass (t)	C	1,000	184		Future Broodstock	
<i>Stocked:</i>		2,376,515	2,262			
<i>Transferred:</i>		1,591,000	217			
Total Stocked by Facility:			2,478,388	2,898		
Total Transferred by Facility:			1,591,000	217		
Total Distributed by Facility:			4,069,388	3,115		

GEORGIA

Bo Ginn NFH/AQ	Bluegill	A	2,996,072	2,883		Endangered/Threatened Species
	Bluegill	A	36,575	42		Mgmt. Asst. on Fed/Indian
	Bluegill (t)	A	75,000	94		Future Broodstock
	Bluegill (t)	C	2,403	1,005		Future Broodstock
	<i>Stocked:</i>		3,032,647	2,925		
	<i>Transferred:</i>		77,403	1,099		

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
Bo Ginn NFH/AQ (continued)	Channel catfish	C	149	855		Future Broodstock	
	Channel catfish	C	51	561		Mgmt. Asst. on Fed/Indian	
	Channel catfish	C	74	888		Other programs	
	Channel catfish (t)	A	2,000	2		Other programs	
	Channel catfish (t)	C	325	725		Future Broodstock	
	<i>Stocked:</i>		274	2,304			
	<i>Transferred:</i>		2,325	727			
	Redear sunfish	A	41,823	31		Endangered/Threatened Species	
	Redear sunfish	A	6,525	7		Mgmt. Asst. on Fed/Indian	
	Redear sunfish (t)	C	542	190		Future Broodstock	
	<i>Stocked:</i>		48,348	38			
	<i>Transferred:</i>		542	190			
	Striped bass	C	20,595	2,618		Restoration/Mitigation	
	Striped bass (t)	C	15	11		Other programs	
	<i>Stocked:</i>		20,595	2,618			
<i>Transferred:</i>		15	11				
Total Stocked by Facility:		3,101,864	7,885				
Total Transferred by Facility:		80,285	2,027				
Total Distributed by Facility:		3,182,149	9,912				
Chattahoochee Forest NFH	Brown trout	B	50,000	664		Restoration/Mitigation	
	<i>Stocked:</i>		50,000	664			
	Rainbow trout	B	570,632	20,794		Restoration/Mitigation	
	Rainbow trout	C	326,645	106,515		Restoration/Mitigation	
	<i>Stocked:</i>		897,277	127,309			
	Total Distributed by Facility:		947,277	127,973			
	Warm Springs NFH	Oconee Redhorse	A	48,289	3		Endangered/Threatened Species
		<i>Stocked:</i>		48,289	3		
		Shortnose sturgeon	B	14	2		Endangered/Threatened Species
		<i>Stocked:</i>		14	2		
Striped bass		B	102,608	243		Restoration/Mitigation	
Striped bass (t)		C	6	66		Restoration/Mitigation	
<i>Stocked:</i>			102,608	243			
<i>Transferred:</i>			6	66			
Total Stocked by Facility:			150,911	248			
Total Transferred by Facility:			6	66			
Total Distributed by Facility:		150,917	314				

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
KENTUCKY							
Wolf Creek NFH	Brown trout	B	1,900	12		Mgmt. Asst. on Fed/Indian Restoration/Mitigation	
	Brown trout	B	46,500	775			
	Brown trout	C	10,000	1,624			
	Brown trout	C	54,750	7,928			
		<i>Stocked:</i>		113,150	10,339		
		Rainbow trout	B	180	11		Research and Development Restoration/Mitigation
		Rainbow trout	B	105,000	2,610		
		Rainbow trout	C	240,175	71,620		
		Rainbow trout	C	40	8		
		Rainbow trout	C	433,779	136,991		
		<i>Stocked:</i>		779,174	211,240		
		Total Distributed by Facility:		892,324	221,579		
	LOUISIANA						
	Natchitoches NFH	Channel catfish	B	15,000	250		Restoration/Mitigation
			<i>Stocked:</i>	15,000	250		
		Paddlefish	A	10,000	1		Restoration/Mitigation
		Paddlefish	B	730	20		
		Paddlefish	C	1,535	56		
			<i>Stocked:</i>	12,265	77		
		Striped bass	A	659,357	479		Restoration/Mitigation
		Striped bass	B	4,420	13		
			<i>Stocked:</i>	663,777	492		
		Total Distributed by Facility:		691,042	819		
MISSISSIPPI							
Private John Allen NFH		Bluegill	A	133,472	86		Restoration/Mitigation
	Bluegill	B	176,625	225			
		<i>Stocked:</i>		310,097	311		
		Largemouth bass	B	23,040	45		Restoration/Mitigation
		<i>Stocked:</i>		23,040	45		
		Redear sunfish	B	640,210	603		Restoration/Mitigation
		<i>Stocked:</i>		640,210	603		
		Striped bass	B	157,680	90		Restoration/Mitigation
		<i>Stocked:</i>		157,680	90		
		Walleye	B	35,088	22		Restoration/Mitigation
		<i>Stocked:</i>		35,088	22		
		Total Distributed by Facility:		1,166,115	1,071		

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
NORTH CAROLINA						
Edenton NFH	Striped bass	A	4,795	5		Research and Development Restoration/Mitigation
	Striped bass	A	604,528	614		
	Striped bass	B	500	3		
	Striped bass	B	142,219	8,054		
	<i>Stocked:</i>		752,042	8,676		Research and Development
	<i>White bass</i>	B	22,372	58		
<i>Stocked:</i>		22,372	58			
Total Distributed by Facility:			774,414	8,734		
McKinney Lake NFH	Striped bass	B	97,499	1,482		Restoration/Mitigation
	<i>Stocked:</i>		97,499	1,482		
	Total Distributed by Facility:			97,499	1,482	
SOUTH CAROLINA						
Bears Bluff NFH	Shortnose sturgeon (t)	A	12,688	2		Endangered/Threatened Species
	Shortnose sturgeon (t)	B	450	6		
	<i>Transferred:</i>		13,138	8		Endangered/Threatened Species
	Total Transferred by Facility:			13,138	8	
	Total Distributed by Facility:			13,138	8	
Orangeburg NFH	Channel catfish	C	51	561		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		51	561		
	Redbreast sunfish	A	936,352	1,223		Restoration/Mitigation
	Redbreast sunfish	B	79,492	267		
	<i>Stocked:</i>		1,015,844	1,490		
	Striped bass	A	3,822,636	1,897		Restoration/Mitigation
	Striped bass	B	9,688	607		
	<i>Stocked:</i>		3,832,324	2,504		
	Total Distributed by Facility:			4,848,219	4,555	
	TENNESSEE					
Dale Hollow NFH	Brown trout	C	97,315	10,642		Restoration/Mitigation
	<i>Stocked:</i>		97,315	10,642		
	Lake trout	C	8,005	559		Restoration/Mitigation
	<i>Stocked:</i>		8,005	559		
	Rainbow trout	B	151,711	5,726		Restoration/Mitigation
	Rainbow trout	C	847,743	273,507		
	Rainbow trout (t)	B	206,633	1,788		Restoration/Mitigation
	<i>Stocked:</i>		999,454	279,233		
	<i>Transferred:</i>		206,633	1,788		

(t) = Transferred to a Service facility

Size Key: A = Less than 1.5"

B = 1.5" to 5.5"

C = Greater than 5.5"

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 4 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
Dale Hollow NFH (continued)	Total Stocked by Facility:		1,104,774	290,434		
	Total Transferred by Facility:		206,633	1,788		
	Total Distributed by Facility:		1,311,407	292,222		
Erwin NFH	Rainbow trout				162,690	Cooperator Mgmt. Program
	Rainbow trout				27,209	Future Broodstock
	Rainbow trout				5,466,413	Mgmt. Asst. on Fed/Indian
	Rainbow trout				418,164	Other programs
	Rainbow trout				7,260,847	Restoration/Mitigation
	Rainbow trout	A	10,036	10		Mgmt. Asst. on Fed/Indian
	Rainbow trout	B	21,452	418		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	19,282	35,329		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	2,403	6,811		Other programs
	Rainbow trout	C	76	209		Research and Development
	<i>Stocked:</i>			53,249	42,777	13,335,323
Total Distributed by Facility:			53,249	42,777	13,335,323	

REGION 4 TOTALS

Region 4 Total Stocked	19,649,104	1,349,336	13,352,123
Region 4 Total Transferred	3,223,562	4,111	
Region 4 Total Distributed	22,872,666	1,353,447	13,352,123

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 5

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
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MASSACHUSETTS

North Attleboro NFH	Atlantic salmon				928,373	Egg Shipment
	Atlantic salmon				6,000	Research and Development
	Atlantic salmon				568,844	Restoration/Mitigation
	Atlantic salmon	A	1,373,944	481		Restoration/Mitigation
	Atlantic salmon	B	2,300	207		Restoration/Mitigation
	<i>Stocked:</i>		1,376,244	688	1,503,217	
	Rainbow trout	C	544	1,219		Other programs
	<i>Stocked:</i>		544	1,219		
	Total Distributed by Facility:		1,376,788	1,907	1,503,217	
Richard Cronin NSS MA	Atlantic salmon				2,194,489	Restoration/Mitigation
	<i>Stocked:</i>				2,194,489	
	Total Distributed by Facility:				2,194,489	

MAINE

Craig Brook NFH	Atlantic salmon				30,000	Cooperator Mgmt. Program	
	Atlantic salmon				3,300		Endangered/Threatened Species
	Atlantic salmon				10,500	Research and Development	
	Atlantic salmon				1,315,796	Restoration/Mitigation	
	Atlantic salmon	A	787,976	296		Endangered/Threatened Species	
	Atlantic salmon	A	1,282,274	482		Restoration/Mitigation	
	Atlantic salmon	C	3,200	2,897		Endangered/Threatened Species	
	<i>Stocked:</i>		2,073,450	3,675	1,359,596	Species	
Total Distributed by Facility:		2,073,450	3,675	1,359,596			
Green Lake NFH	Atlantic salmon				10,000	Future Broodstock	
	Atlantic salmon	B	335,386	8,556			Restoration/Mitigation
	Atlantic salmon	C	649,797	103,809			Restoration/Mitigation
	<i>Stocked:</i>		985,183	112,365	10,000		
	Landlocked Atlantic salmon	C	1,889	301		Other programs	
	<i>Stocked:</i>		1,889	301			
	Lake trout	C	1,016	161		Other programs	
<i>Stocked:</i>		1,016	161				
Total Distributed by Facility:		988,088	112,827	10,000			

NEW HAMPSHIRE

Nashua NFH	Atlantic salmon				4,540,770	Restoration/Mitigation
	Atlantic salmon	A	14,214	12		
	Atlantic salmon	B	1,250	2		Restoration/Mitigation
	Atlantic salmon	C	8,736	34,458		Restoration/Mitigation
	<i>Stocked:</i>		24,200	34,472	4,540,770	
	Total Distributed by Facility:		24,200	34,472	4,540,770	

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 5 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
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PENNSYLVANIA

Allegheny NFH	Atlantic salmon	B	60	1		Research and Development Restoration/Mitigation	
	Atlantic salmon	C	6,600	786			
	<i>Stocked:</i>			6,660	787		
	Landlocked Atlantic salmon	A	171,000	63		Restoration/Mitigation	
	Landlocked Atlantic salmon	B	60	2		Research and Development	
	Landlocked Atlantic salmon	C	30	56		Research and Development	
	Landlocked Atlantic salmon	C	8,517	3,878		Restoration/Mitigation	
	<i>Stocked:</i>			179,607	3,999		
	Lake trout					8,450	Research and Development
	Lake trout					2,506,126	Restoration/Mitigation
	Lake trout	A	289,000	142			Mgmt. Asst. on Fed/Indian
	Lake trout	A	120	0			Research and Development
	Lake trout	B	22,000	32			Mgmt. Asst. on Fed/Indian
	Lake trout	B	240	8			Research and Development
	Lake trout	C	90	352			Research and Development
Lake trout	C	436,600	38,207			Restoration/Mitigation	
<i>Stocked:</i>			748,050	38,741	2,514,576		
Total Distributed by Facility:			934,317	43,527	2,514,576		
Lamar NFH	Atlantic sturgeon	B	12	1		Other programs	
	Atlantic sturgeon	B	5,569	72		Research and Development	
	Atlantic sturgeon	C	55	87		Other programs	
	Atlantic sturgeon	C	176	414		Research and Development	
	<i>Stocked:</i>			5,812	574		
	Atlantic salmon	A	60	1		Other programs	
	Atlantic salmon	A	8,000	1		Research and Development	
	Atlantic salmon	B	115	2		Other programs	
	Atlantic salmon	C	106	91		Other programs	
	<i>Stocked:</i>			8,281	95		
	Rainbow trout	B	60	4		Other programs	
	Rainbow trout	C	6,069	7,945		Other programs	
	Rainbow trout	C	2,250	500		Research and Development	
	<i>Stocked:</i>			8,379	8,449		
	Total Distributed by Facility:			22,472	9,118		

VIRGINIA

Harrison Lake NFH	American shad	A	3,262,616	0		Restoration/Mitigation
	<i>Stocked:</i>			3,262,616	0	
	Striped bass	B	170,638	122		Restoration/Mitigation
	<i>Stocked:</i>			170,638	122	
Total Distributed by Facility:			3,433,254	122		

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 5 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
VERMONT						
Pittsford NFH, VT						
	Atlantic salmon	A	427,170	159		Restoration/Mitigation
	<i>Stocked:</i>		427,170	159		
	Landlocked Atlantic salmon	A	90,392	40		Restoration/Mitigation
	Landlocked Atlantic salmon	C	156,207	11,348		Restoration/Mitigation
	<i>Stocked:</i>		246,599	11,388		
	Lake trout	C	9,345	2,670		Restoration/Mitigation
	<i>Stocked:</i>		9,345	2,670		
	Total Distributed by Facility:		683,114	14,217		
White River NFH						
	Atlantic salmon				81,647	Research and Development
	Atlantic salmon				574,768	Restoration/Mitigation
	Atlantic salmon				4,731	Other programs
	Atlantic salmon	A	4,219,852	1,587		Restoration/Mitigation
	Atlantic salmon	B	13,249	710		Research and Development
	Atlantic salmon	C	808	197		Future Broodstock
	Atlantic salmon	C	149	298		Research and Development
	Atlantic salmon	C	4,891	1,102		Restoration/Mitigation
	Atlantic salmon	C	723	4,556		Other programs
	Atlantic salmon (t)	C	915	4,329		Restoration/Mitigation
	<i>Stocked:</i>		4,239,672	8,450	661,146	
	<i>Transferred:</i>		915	4,329		
	Total Stocked by Facility:		4,239,672	8,450	661,146	
	Total Transferred by Facility:		915	4,329		
	Total Distributed by Facility:		4,240,587	12,779	661,146	

WEST VIRGINIA

Bowden NFH						
	Brook trout	B	4,360	109		Mgmt. Asst. on Fed/Indian
	Brook trout	C	28,924	11,931		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		3,284	12,040		
	Brown trout	B	21,812	544		Mgmt. Asst. on Fed/Indian
	Brown trout	C	8,883	4,204		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		30,695	4,748		
	Rainbow trout	C	268,259	125,500		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		268,259	125,500		
	Total Distributed by Facility:		332,238	142,288		

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 5 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
White Sulphur Springs NFH	Rainbow trout				635,616	Cooperator Mgmt. Program
	Rainbow trout				65,813	Future Broodstock
	Rainbow trout				13,230	Research and Development
	Rainbow trout				1,415,093	Restoration/Mitigation
	Rainbow trout				2,743,602	Trade off
	Rainbow trout	B	1,035	54		Research and Development
	Rainbow trout	C	1,010	1,061		Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	14,404	29,829		Other programs
	Rainbow trout (t)	B	13,400	800		Research and Development
	Rainbow trout (t)	C	510	512		Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>			16,449	30,944	4,873,354
<i>Transferred:</i>			13,910	1,312		
Total Stocked by Facility:			16,449	30,944	4,873,354	
Total Transferred by Facility:			13,910	1,312		
Total Distributed by Facility:			30,359	32,256	4,873,354	

REGION 5 TOTALS

Region 5 Total Stocked	14,124,042	401,547	17,657,148
Region 5 Total Transferred	14,825	5,641	
Region 5 Total Distributed	14,138,867	407,188	17,657,148

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 6

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
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COLORADO

Hotchkiss NFH	Rainbow trout	B	136,327	2,989	Other programs Restoration/Mitigation Mgmt. Asst. on Fed/Indian Other programs Restoration/Mitigation
	Rainbow trout	B	1,057,801	46,482	
	Rainbow trout	C	1,437	653	
	Rainbow trout	C	2,851	1,601	
	Rainbow trout	C	379,292	62,970	
	<i>Stocked:</i>		1,577,708	114,695	
Total Distributed by Facility:			1,577,708	114,695	
Leadville NFH	Brook trout	B	11,200	660	Mgmt. Asst. on Fed/Indian
	<i>Stocked:</i>		11,200	660	
	Brown trout	B	4,285	102	Mgmt. Asst. on Fed/Indian Restoration/Mitigation
	Brown trout	B	55,318	1,313	
	<i>Stocked:</i>		59,603	1,415	
	Cutthroat trout	B	8,248	701	Mgmt. Asst. on Fed/Indian
	Cutthroat trout	C	136,127	40,001	
	Cutthroat trout	C	152,367	50,992	Restoration/Mitigation
	<i>Stocked:</i>		296,742	91,694	
	Lake trout	B	47,164	1,066	Restoration/Mitigation
	Lake trout	C	12,688	314	
	<i>Stocked:</i>		59,852	1,380	
Total Distributed by Facility:			427,397	95,149	

MONTANA

Creston NFH	Bull Trout	B	3,093	112	Restoration/Mitigation
	Bull Trout	C	5,263	1,166	
	<i>Stocked:</i>		8,356	1,278	
	Kokanee	A	603,106	172	Restoration/Mitigation
	Kokanee	B	1,158,256	40,553	
	<i>Stocked:</i>		1,761,362	40,725	
	Rainbow trout	B	167,234	6,811	Mgmt. Asst. on Fed/Indian
	Rainbow trout	C	144,860	11,826	
	Rainbow trout	C	1,732	888	Other programs
	<i>Stocked:</i>		313,826	19,525	
Total Distributed by Facility:			2,083,544	61,528	
Ennis NFH	Rainbow trout			111,691	Egg Shipment
	Rainbow trout			1,646,993	Cooperator Mgmt. Program
	Rainbow trout			394,171	Future Broodstock
	Rainbow trout			5,055,180	Mgmt. Asst. on Fed/Indian
	Rainbow trout			410,514	Other programs
	Rainbow trout			2,055,465	Research and Development
	Rainbow trout			6,676,982	Restoration/Mitigation
	Rainbow trout			2,388,588	Trade off
	Rainbow trout			115,426	Other programs
	Rainbow trout	B	2,080	39	Research and Development

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
Ennis NFH (continued)	Rainbow trout	C	1,601	4,951		Mgmt. Asst. on Fed/Indian Other programs
	Rainbow trout	C	4,451	21,477		
	<i>Stocked:</i>		8,132	26,467	18,855,010	
Total Distributed by Facility:			8,132	26,467	18,855,010	

NORTH DAKOTA

Garrison Dam NFH	Brown trout	B	137,404	7,649		Restoration/Mitigation Other programs
	Brown trout	C	700	54		
	Brown trout	C	16,800	1,390		Restoration/Mitigation
	<i>Stocked:</i>		154,904	9,093		
	Fall chinook salmon	B	546,703	11,534		Restoration/Mitigation
	<i>Stocked:</i>		546,703	11,534		
	Shovelnose sturgeon	A	3,000	1		Research and Development
	Shovelnose sturgeon (t)	A	6,000	1		Restoration/Mitigation
	<i>Stocked:</i>		3,000	1		
	<i>Transferred:</i>		6,000	1		
Northern pike					1,452,000	Cooperator Mgmt. Program
Northern pike	A	9,000	5			Mgmt. Asst. on Fed/Indian
Northern pike	A	523,700	81			Other programs
Northern pike	A	1,231,300	606			Restoration/Mitigation
Northern pike	B	90,900	112			Other programs
Northern pike	B	1,000	1			Research and Development
Northern pike	B	237,000	195			Restoration/Mitigation
Northern pike (t)	A	780,000	31			Mgmt. Asst. on Fed/Indian
<i>Stocked:</i>		2,092,900	1,000	1,452,000		
<i>Transferred:</i>		780,000	31			
Rainbow trout	C	2,000	174			Other programs
Rainbow trout	C	251,533	33,024			Restoration/Mitigation
<i>Stocked:</i>		253,533	33,198			
Smallmouth bass	A	81,000	99			Mgmt. Asst. on Fed/Indian
Smallmouth bass	A	39,000	41			Other programs
Smallmouth bass	A	371,300	314			Restoration/Mitigation
Smallmouth bass	B	9,600	18			Mgmt. Asst. on Fed/Indian
Smallmouth bass	B	111,200	199			Other programs
Smallmouth bass	B	18,600	31			Restoration/Mitigation
<i>Stocked:</i>		630,700	702			
Walleye					9,912,000	Restoration/Mitigation
Walleye	A	560,000	38			Mgmt. Asst. on Fed/Indian
Walleye	A	1,040,000	8			Other programs
Walleye	A	60,000	2			Research and Development
Walleye	A	6,873,900	4,598			Restoration/Mitigation
Walleye	A	2,500,000	18			Trade off
Walleye	B	11,000	31			Restoration/Mitigation
Walleye (t)	A	300,000	3			Other programs
<i>Stocked:</i>		11,044,900	4,695	9,912,000		
<i>Transferred:</i>		300,000	3			

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
Garrison Dam NFH (continued)	Saugeye				2,160,000	Trade off
	Saugeye	A	200,000	2		Other programs
	Saugeye	A	384,000	239		Restoration/Mitigation
	<i>Stocked:</i>		584,000	241	2,160,000	
	Total Stocked by Facility:		15,310,640	60,464	13,524,000	
	Total Transferred by Facility:		1,086,000	35		
	Total Distributed by Facility:		16,396,640	60,499	13,524,000	
Valley City/ Baldhill Dam NFH	Bluegill	B	248	16		Restoration/Mitigation
	<i>Stocked:</i>		248	16		
	Largemouth bass	A	602,600	440		Restoration/Mitigation
	<i>Stocked:</i>		602,600	440		
	Tiger muskellunge	B	44,500	18		Restoration/Mitigation
	<i>Stocked:</i>		44,500	18		
	Northern pike	A	760,810	23		Restoration/Mitigation
	Northern pike	B	60,000	15		Mgmt. Asst. on Fed/Indian
	Northern pike	B	1,056,560	474		Restoration/Mitigation
	<i>Stocked:</i>		1,877,370	512		
	Razorback sucker (t)	B	1,114	39		Endangered/Threatened Species
	<i>Transferred:</i>		1,114	39		
	Smallmouth bass (t)	C	225	682		Mgmt. Asst. on Fed/Indian
	<i>Transferred:</i>		225	682		
	Walleye	A	666,776	321		Restoration/Mitigation
	<i>Stocked:</i>		666,776	321		
	Yellow perch	A	58,800	30		Mgmt. Asst. on Fed/Indian
	Yellow perch	A	523,200	237		Restoration/Mitigation
	Yellow perch	B	825	55		Restoration/Mitigation
	<i>Stocked:</i>		582,825	322		
Total Stocked by Facility:		3,774,319	1,629			
Total Transferred by Facility:		1,339	721			
Total Distributed by Facility:		3,775,658	2,350			

SOUTH DAKOTA

Gavins Point NFH	Black crappie	A	3,000	2		Research and Development
	Black crappie	B	10,000	54		Mgmt. Asst. on Fed/Indian
	Black crappie	B	321,696	1,245		Restoration/Mitigation
	<i>Stocked:</i>		334,696	1,301		
	Bluegill	C	50	5		Mgmt. Asst. on Fed/Indian
Bluegill	C	8	2		Other programs	
<i>Stocked:</i>		58	7			
Bowfin	C	2	3		Other programs	
<i>Stocked:</i>		2	3			

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
Gavins Point NFH (continued)	Channel catfish	B	8,000	105		Mgmt. Asst. on Fed/Indian Restoration/Mitigation	
	Channel catfish	B	545,668	7,095			
	<i>Stocked:</i>			553,668	7,200		
	Shovelnose sturgeon	B	326	12		Restoration/Mitigation Other programs	
	Shovelnose sturgeon	C	22	9			
	Shovelnose sturgeon	C	371	27		Restoration/Mitigation Other programs	
	Shovelnose sturgeon (t)	C	1	1			
	<i>Stocked:</i>			719	48		
	<i>Transferred:</i>			1	1		
	Largemouth bass	A	96,100	55		Mgmt. Asst. on Fed/Indian Restoration/Mitigation	
	Largemouth bass	A	241,087	183			
	Largemouth bass	B	20,000	31		Restoration/Mitigation	
	<i>Stocked:</i>			357,187	269		
	Northern pike	C	1	5		Other programs	
	<i>Stocked:</i>			1	5		
	Paddlefish					120,479	Research and Development Restoration/Mitigation
	Paddlefish					320,000	
	Paddlefish	A	50,000	2			Research and Development Restoration/Mitigation
	Paddlefish	A	200,000	6			
	Paddlefish	C	41	10			Other programs Restoration/Mitigation
Paddlefish	C	11,737	6,111				
Paddlefish (t)	A	50,000	2			Restoration/Mitigation Other programs	
Paddlefish (t)	C	1	1				
<i>Stocked:</i>			261,778	6,129	440,479		
<i>Transferred:</i>			50,001	3			
Pallid sturgeon				0		Research and Development Other programs	
Pallid sturgeon	C	6	12				
<i>Stocked:</i>			6	12			
Pallid X Shovelnose	C	20	2			Research and Development	
<i>Stocked:</i>			20	2			
Rainbow trout	C	6,798	2,094			Mgmt. Asst. on Fed/Indian	
<i>Stocked:</i>			6,798	2,094			
Smallmouth bass	A	258,960	168			Restoration/Mitigation Mgmt. Asst. on Fed/Indian	
Smallmouth bass	B	6,000	11				
Smallmouth bass	B	152,570	289			Restoration/Mitigation	
<i>Stocked:</i>			417,530	468			
Walleye					51,067	Research and Development Restoration/Mitigation	
Walleye					16,755,510		
Walleye	A	8,600,365	185			Restoration/Mitigation Research and Development	
Walleye	B	200	1				
Walleye	B	714,685	950			Restoration/Mitigation Restoration/Mitigation	
Walleye (t)	A	1,000,000	7				
<i>Stocked:</i>			9,315,250	1,136	16,806,577		
<i>Transferred:</i>			1,000,000	7			

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program	
Gavins Point NFH (continued)	White crappie	B	25,312	113		Restoration/Mitigation	
	<i>Stocked:</i>		25,312	113			
	Saugeye				2,515,150	Restoration/Mitigation Mgmt. Asst. on Fed/Indian	
	Saugeye	B	17,091	106			
	Saugeye	B	20,000	63		Restoration/Mitigation	
	<i>Stocked:</i>		37,091	169	2,515,150		
	Yellow perch	A	1,500	1		Mgmt. Asst. on Fed/Indian Restoration/Mitigation	
	Yellow perch	A	600,982	388			
	<i>Stocked:</i>		602,482	389			
	Total Stocked by Facility:			11,912,598	19,345	19,762,206	
	Total Transferred by Facility:			1,050,002	11		
	Total Distributed by Facility:			12,962,600	19,356	19,762,206	

UTAH

Jones Hole NFH	Brook trout	B	3,040	80		Mgmt. Asst. on Fed/Indian Other programs
	Brook trout	B	3,024	70		
	Brook trout (t)	B	10,030	265		Restoration/Mitigation
	<i>Stocked:</i>		6,064	150		
	<i>Transferred:</i>		10,030	265		
	Brown trout	B	27,697	1,429		Mgmt. Asst. on Fed/Indian Other programs
	Brown trout	B	9,370	590		
	Brown trout	B	14,000	480		Restoration/Mitigation
	<i>Stocked:</i>		51,067	2,499		
	Cutthroat trout	C	13,000	1,096		Mgmt. Asst. on Fed/Indian Other programs
	Cutthroat trout	C	27,661	2,158		
	Cutthroat trout (t)	B	301,510	6,432		Restoration/Mitigation
	<i>Stocked:</i>		40,661	3,254		
	<i>Transferred:</i>		301,510	6,432		
	Rainbow trout	B	126,100	1,867		Other programs Restoration/Mitigation
	Rainbow trout	B	699,274	9,817		
	Rainbow trout	C	107,834	12,375		Mgmt. Asst. on Fed/Indian Other programs
	Rainbow trout	C	15,065	3,139		
Rainbow trout	C	523,402	100,238		Restoration/Mitigation	
<i>Stocked:</i>		1,471,675	127,436			
Total Stocked by Facility:			1,569,467	133,339		
Total Transferred by Facility:			311,540	6,697		
Total Distributed by Facility:			1,881,007	140,036		
Ouray NFH	Colorado squawfish	C	128	10		Endangered/Threatened Species
	<i>Stocked:</i>		128	10		
	Razorback sucker	B	3,621	130		Endangered/Threatened Species
	Razorback sucker	C	959	237		
	<i>Stocked:</i>		4,580	367		Endangered/Threatened Species
Total Distributed by Facility:			4,708	377		

TABLE IV. NATIONAL FISH HATCHERY DISTRIBUTION - DETAILED REPORT - FY96

REGION 6 (continued)

Delivering Facility	Species	Size	Fish Dist.	Fish Weight	Eggs Dist.	Program
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WYOMING

Jackson NFH	Cutthroat trout				13,740	Research and Development	
	Cutthroat trout				627,293	Restoration/Mitigation	
	Cutthroat trout	B	2,085	86		Mgmt. Asst. on Fed/Indian	
	Cutthroat trout	B	207,184	9,565		Restoration/Mitigation	
	Cutthroat trout	C	110,487	21,896		Mgmt. Asst. on Fed/Indian	
	Cutthroat trout	C	6,930	4,254		Other programs	
	Cutthroat trout	C	72,992	20,273		Restoration/Mitigation	
	<i>Stocked:</i>		399,678	56,074	641,033		
	Lake trout	C	16,182	3,772		Restoration/Mitigation	
	<i>Stocked:</i>		16,182	3,772			
	Total Distributed by Facility:		415,860	59,846	641,033		
Saratoga NFH	Brown trout				65,234	Mgmt. Asst. on Fed/Indian	
	Brown trout				10,349	Research and Development	
	Brown trout				1,901,917	Restoration/Mitigation	
	Brown trout				313,207	Trade off	
		<i>Stocked:</i>				2,290,707	
		Lake trout				3,897,987	Restoration/Mitigation
		Lake trout				254,592	Trade off
	<i>Stocked:</i>				4,152,579		
	Total Distributed by Facility:				6,443,286		

REGION 6 TOTALS

Region 6 Total Stocked	37,084,373	572,839	59,225,535
Region 6 Total Transferred	2,448,881	7,464	
Region 6 Total Distributed	39,533,254	580,303	59,225,535

USFWS GRAND TOTALS

USFWS Total Stocked	154,479,186	5,463,087	144,503,642
USFWS Total Transferred	7,011,787	41,224	
USFWS Total Distributed	161,490,973	5,504,311	144,503,642

Glossary

Anadromous fish: Fish that migrate from salt water upstream into fresh water to spawn. Pacific and Atlantic salmon, striped bass, and steelhead trout are anadromous fish.

Coldwater species: Generally, fish that spawn in water temperatures below 55° F. Trout and salmon are coldwater species.

Coolwater species: Generally, fish that spawn in water temperatures between 40° F and 60° F. Northern pike, muskellunge, walleye, sauger, and yellow perch are coolwater species.

Distribution: Total number of fish and fish eggs transferred and stocked out. (stocked + transferred=distributed)

Endangered species: Species of fish listed as either endangered or threatened under the *U.S. Endangered Species Act of 1973*.

Inland fish: Fish that complete their life cycle entirely in fresh water. Lake trout, largemouth bass, rainbow trout, and paddlefish are inland fish.

Stocking: The release of fish or fish eggs to the wild or to facilities other than U.S. Fish and Wildlife Service facilities. (stocked + transferred = distributed)

Transfer: The stocking of fish between U.S. Fish and Wildlife Service facilities. (stocked + transferred = distributed)

Warmwater species: Generally, fish that spawn at water temperatures above 60° F. Bass, sturgeon, sunfish, and catfish are warmwater species.

NATIONAL FISH HATCHERIES AND FISHERY STATIONS



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