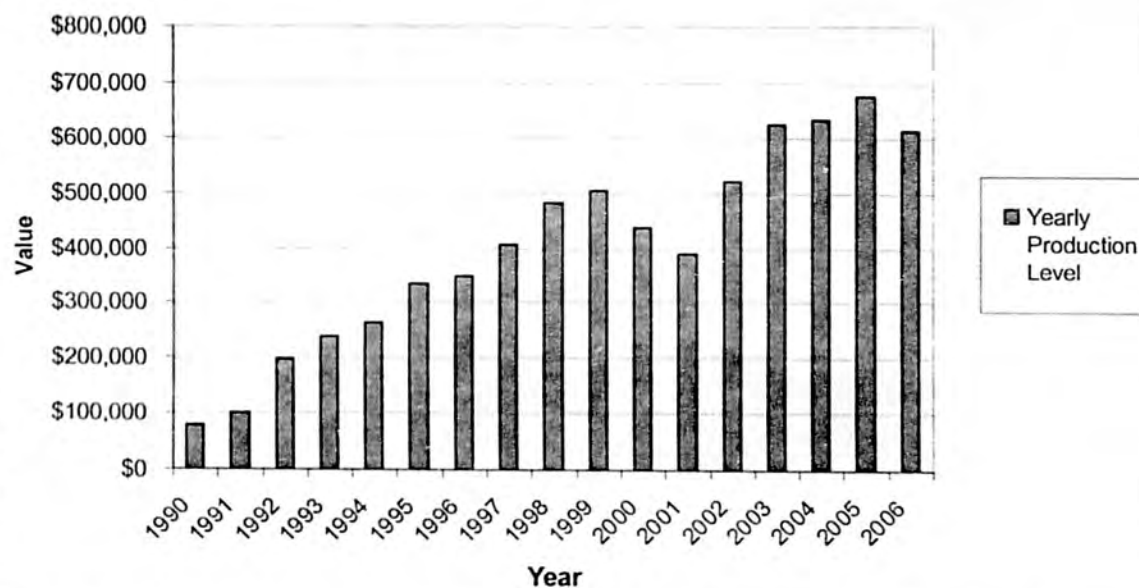


AK LEGISLATURE SPECIAL COMMITTEE FILES SCOMM 147 3170

Mariculture

Statewide Aquatic Farm Production
1990-2006



Core Services

- **Stock Assessment & Applied Research**
- **Harvest Management**
- **Laboratory Services**
- **Aquaculture Permitting**
- **Data Processing**
- **Information Services and Public Participation**

Major Issues

PAY

- RECRUITMENT AND RETENTION
- FEDERAL NOAA BUDGET CUTS
- Scallop Limited Entry
- PNP Hatchery/Mariculture Reorganization
- King Crab Enhancement
- Lynn Canal Herring ESA Listing

Recruitment and Retention



In Fiscal Year 2008:

- **302 PFT**
- **Currently 41 vacant (14%)**
- **Fishery Scientist I**
 - 8 weeks
 - all applicants WPA
 - AFS web site
 - 2 applicants
- **Fishery Scientist II**
 - 8 weeks
 - all applicants WPA
 - AFS web site
 - no applicants

Federal Grant Reductions

In State Fiscal Year 2009:

- **Significant or complete cuts in virtually all federal grants from Department of Commerce (NOAA).**
- **Affecting rockfish research, nearshore marine fisheries, American Fisheries Act, FMP Extended Jurisdiction, and Bering Sea Crab management. Also may affect salmon.**
- **Total reduction may exceed \$5 million.**

Scallop Management

- Agenda Change Request will be taken up March 3-9
- Draft management plans for each region
- retain observer requirement
- registration year and deadline
- register for state or federal waters
- separate state management
- open/close by E.O
- daily reporting
- considering VMS

PNP Hatchery/Mariculture Restructure

- Increment \$261.5
- Three positions
 - Regional Supervisor to oversee permitting, mark-tag lab, pathology
 - FB III for PNP hatcheries
 - FB II for mariculture

**Thank you.
Questions?**



Alaska Department of Fish and Game Division of Sport Fish

2008 Report to the House Fisheries Committee

Charlie Swanton, Director
Rob Bentz, Deputy Director



ADE&G Mission

- Protect, maintain, and improve fish, game, and aquatic plant resources.

- Manage resource use/development in

interest of the

economy and the

well-being of

Alaskans consistent

with the Sustained

Yield Principle.

Summit Lake rainbow trout stock assessment, Southcentral
(near Glennallen-Copper River Drainage)

Division of Sport Fish Mission

- Protect and improve the State's recreational fisheries resources



Sink River near Nome, Alaska, Northwest

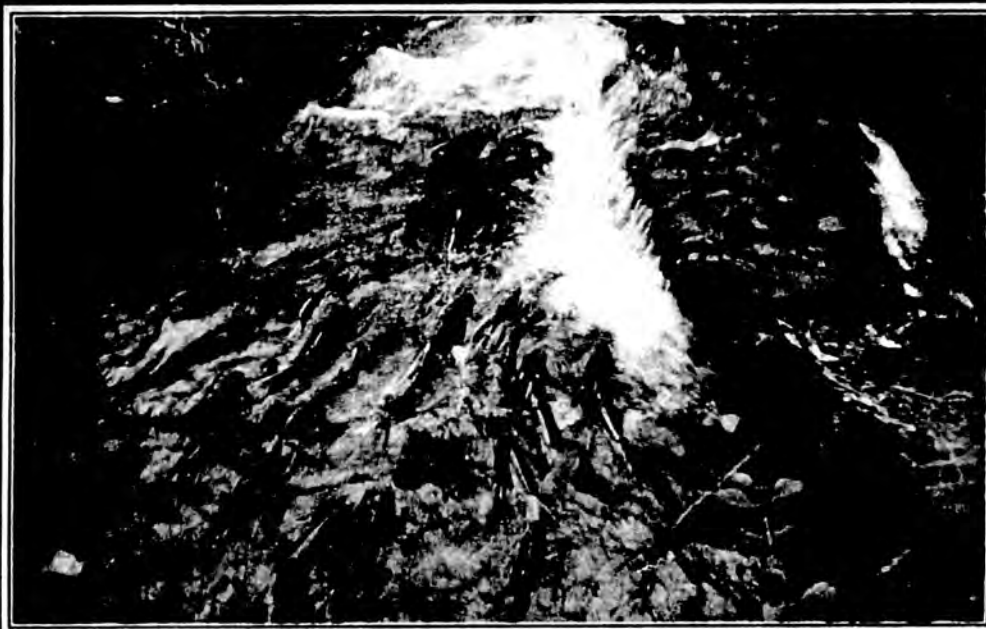
Sport Fish Division Core Services

- Fisheries Management



Sport Fish biologists working with Dolly Varden,
Ivishak River, North Slope

Sockeye salmon migrating up a Southeastern stream

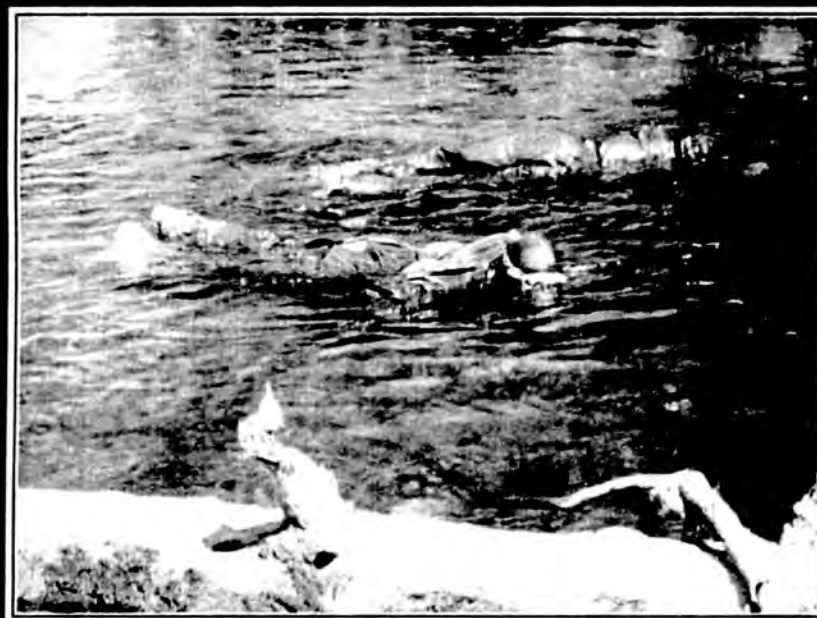


Sport Fish Division Core Services

- Management
- Fishery Stock Assessment (resident species and salmon)
 - Mark-Recapture experiments
 - Weirs
 - Sonar



Sport fish biologists collecting genetic samples from Chinook salmon, Chitina River, Southeast



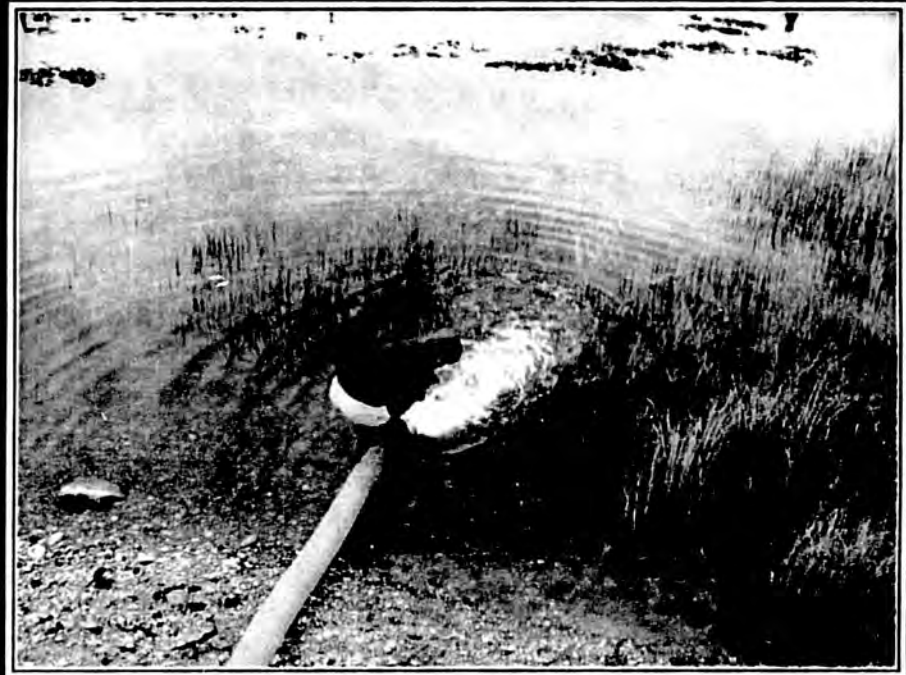
Sport Fish biologists conducting a steelhead snorkel survey, Naha River, Southeast

Sport Fish Division Core Services

- Management
- Stock Assessment
- Hatchery Production



Rainbow trout fingerlings from Ft. Richardson hatchery, Southeast



Sport Fish biologist stocking J Lake with rainbow trout fingerlings, Interior

Sport Fish Division Core Services

- Management
- Stock Assessment
- Hatchery Production
- Access Development & Maintenance

Little Susitna River Boat Ramp, Southeast



Sport Fish Division Core Services

- Management
- Stock Assessment
- Hatchery Production
- Access
- Habitat Assessment



Fish community inventory, Nushagak drainage, Southwest

Sport Fish Division Core Services

- Management
- Stock assessment
- Hatchery Production
- Access
- Habitat Assessment
- Information & Education



Senior citizen ice fishing at Chena Lakes with Fairbanks I&E Program, Interior

Sport Fish Division Core Services

- Management
- Stock assessment
- Hatchery Production
- Access
- Habitat Assessment
- Information & Education
- Enforcement



Illegal harvest of chum salmon on the
Yukon River, Interior

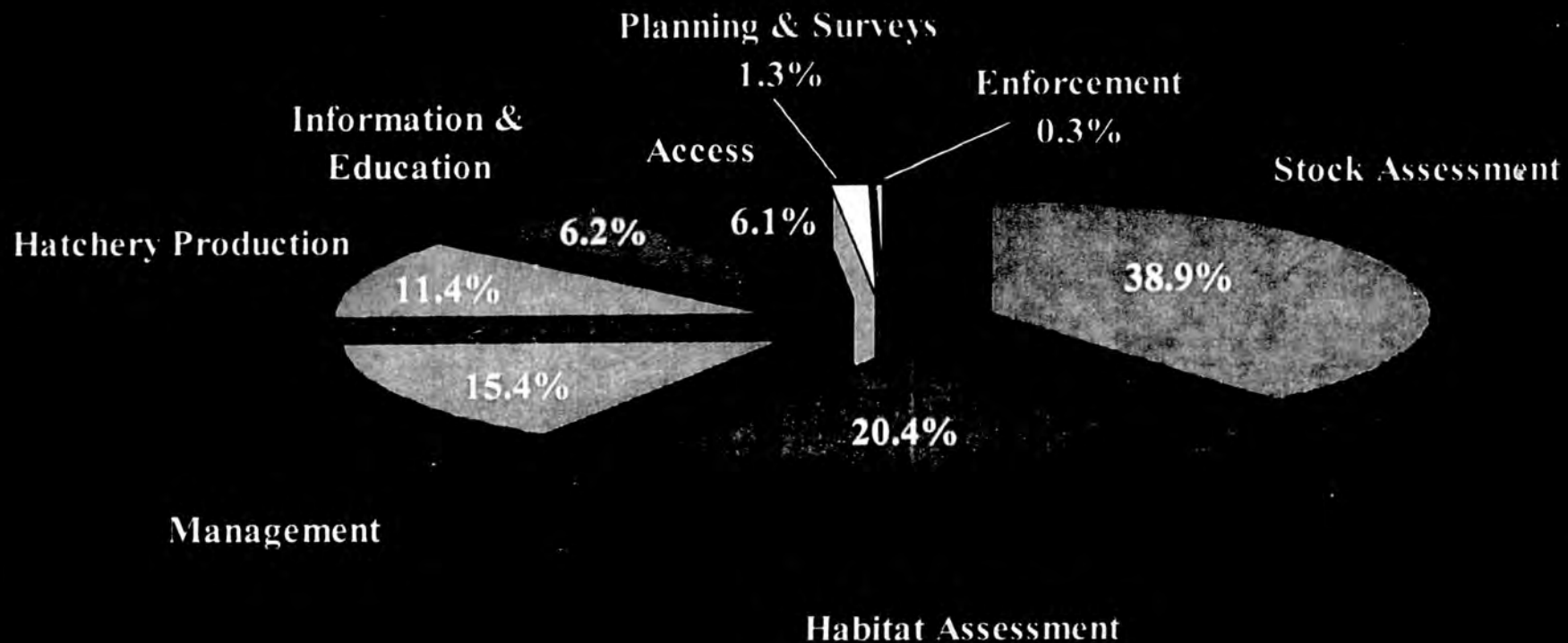
Sport Fish Division Core Services

- Management
- Stock Assessment
- Hatchery Production
- Access
- Habitat Assessment
- Information & Education
- Enforcement
- Planning & Surveys



Sport Fish Fairbanks working on strategic plan. Interior

FY08 Budget by Core Services



FY08 Sport Fish Budget by Funding Source

Sport Fisheries RDU Total	FY08 Governor's Request	Proportion of Total
Federal Receipts	\$23,617.3	48.83%
Fish & Game Fund	\$14,735.5	30.47%
Interagency Receipts	\$2,614.1	5.40%
General Fund	\$2,496.4	5.16%
CIP Receipts	\$1,992.0	4.12%
Statutory Designated Program Receipt	\$1,989.3	4.11%
Other Fund Sources (Total)	\$920.4	1.90%
Total	\$48,365.0	100.0%

Other fund sources include: Sport Fish Enterprise Account \$500.0, Oil/Hazardous Waste \$66.5,

Fish & Game Non-Dedicated \$9.0, Commercial Fish Loan Fund \$5.9, FYOS \$339.

Sport Fish Division Funding Sources

- Federal Receipts
 - Sport Fish Restoration (71.5% of the 48.8%)
 - Pacific Salmon Treaty
 - NOAA

Federal
Receipts
48.8%

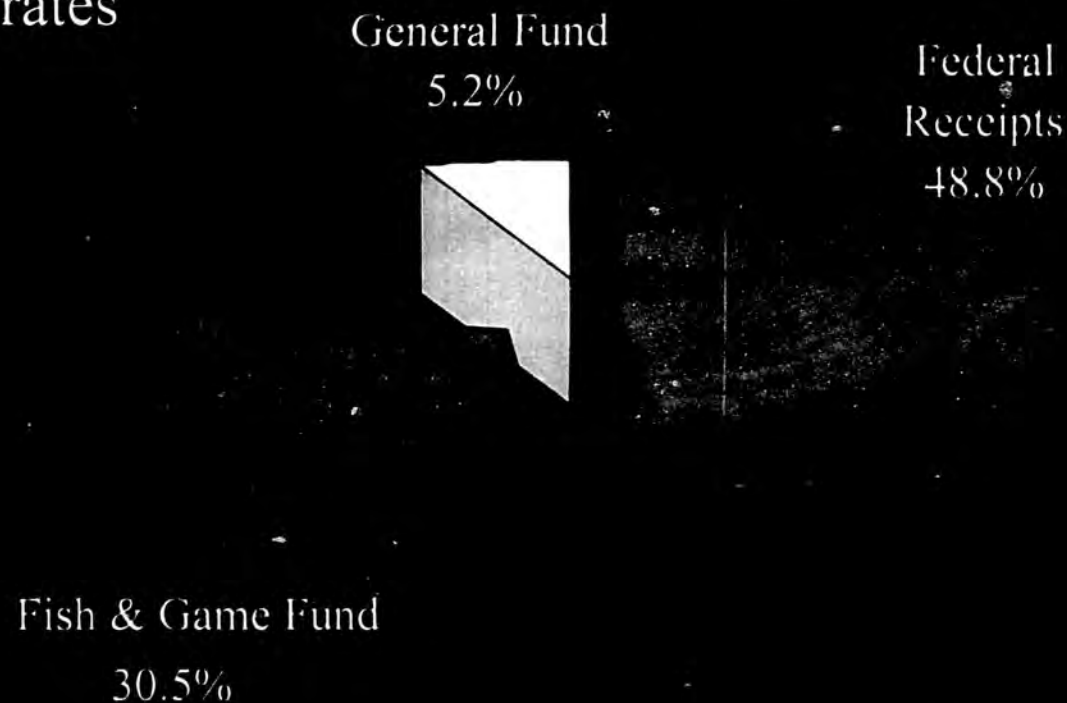
Sport Fish Division Funding Sources

- Federal Receipts
- Fish & Game Fund
 - sport fish license and king salmon stamp sales
 - fish operator and guide license fees



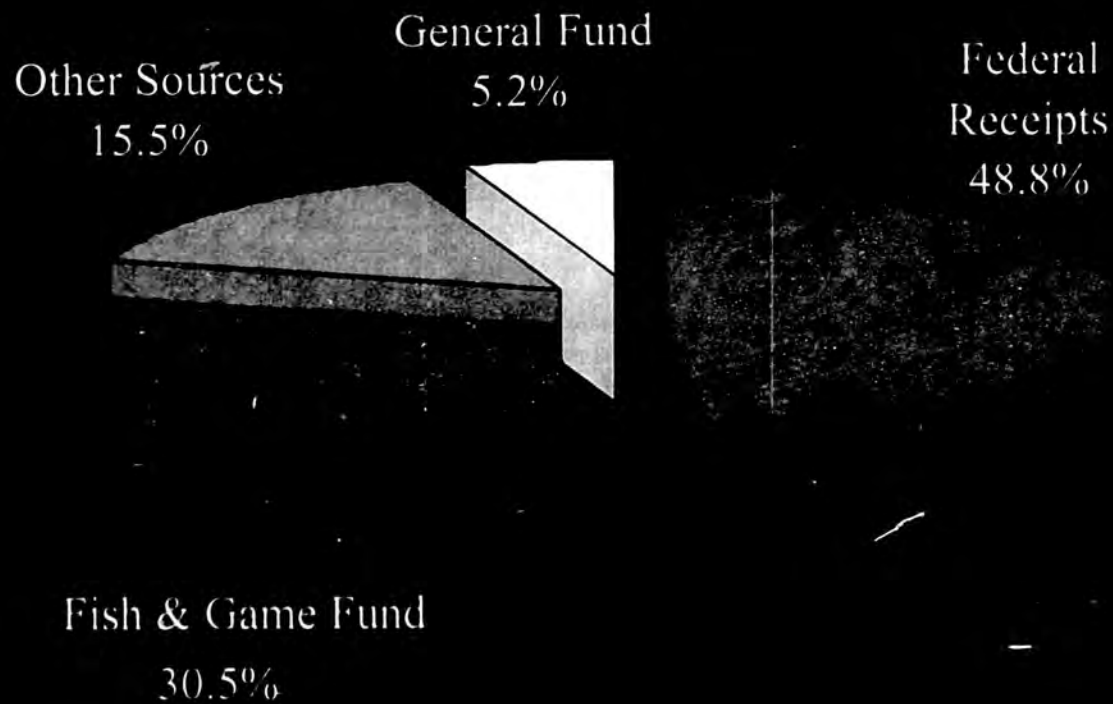
Sport Fish Division Funding Sources

- Federal Receipts
- Fish & Game Fund
- General Fund
 - Special Area Permitting and increased PERS and Labor contract rates



Sport Fish Division Funding Sources

- Federal Receipts
- Fish & Game Fund
- General Fund
- Other Sources



Sport Fish Division Funding Sources (Summary)

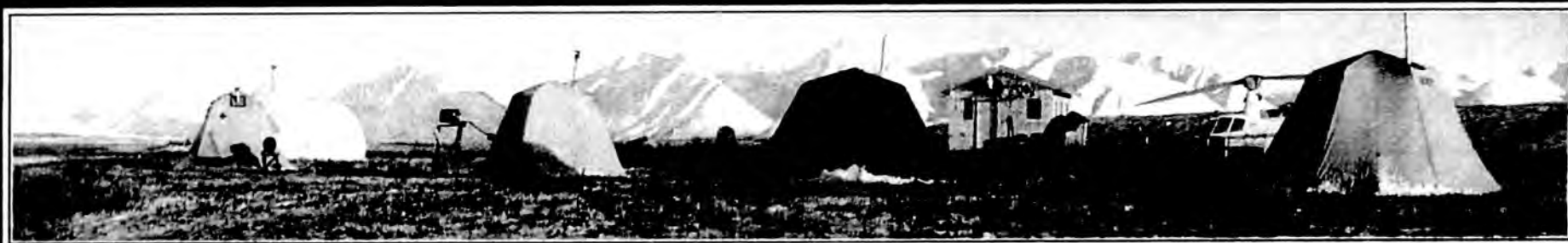
- Large percentage based on “user pay” fees
- Strategic plan founded and priority driven fund distribution
- Minimal reliance on State fiscal resources

Young anglers with their burbot catch, Tanana River,
Interior



Sport Fishing Statistics (2006)

- 473,805 anglers
- 487,000 resident & non-resident sport fish licenses
- 2,298,092 angler-days
- Division is conducting survey to determine 2007 estimates of expenditures, jobs, and economic impact of statewide sport fishing by key management regions (available Dec 2008)



Sport Fish camp working with Dolly Varden on the Ivishak River, North Slope

Sources:

Division of Sport Fisheries 2006 Statewide Harvest Survey

Division of Administrative Services License Sale Statistics Report

Sport Fish Division Organization

- Region I (Southeast)



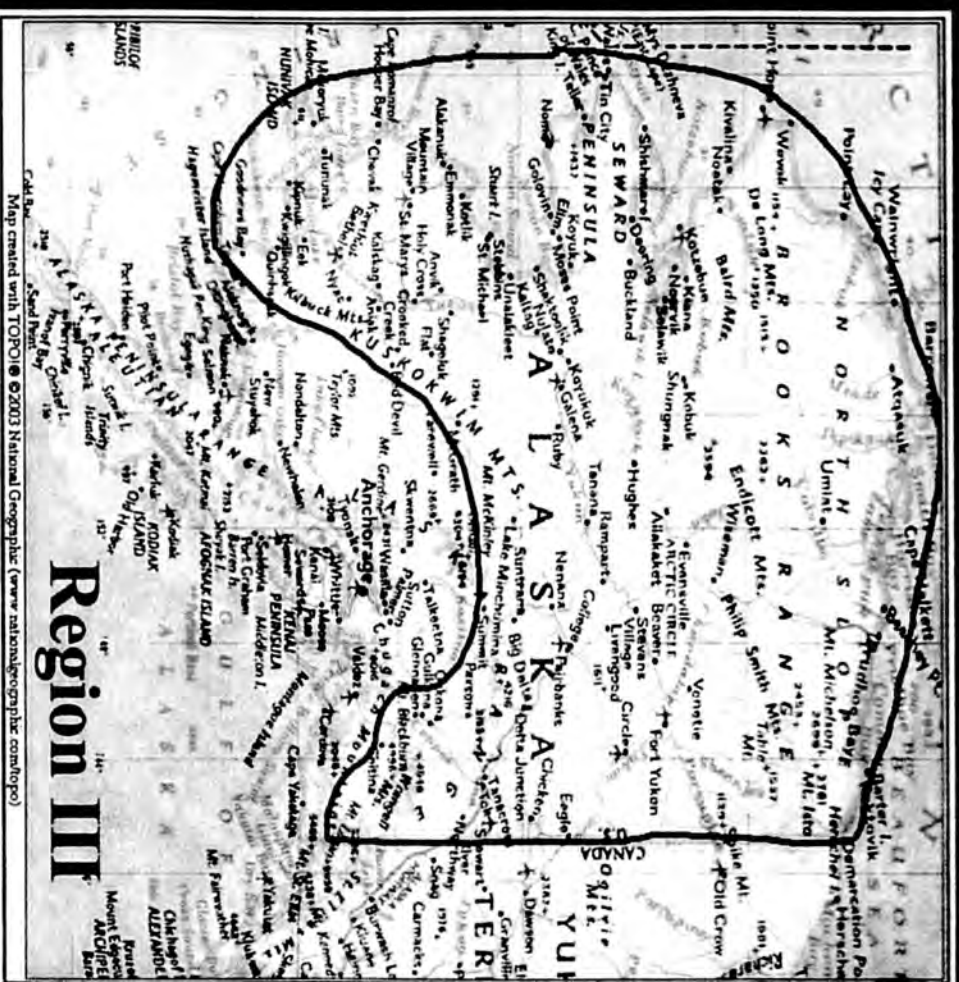
Sport Fish Division Organization

- Region I (Southeast)
- Region II (Southcentral)
includes Aleutian Islands



Sport Fish Division Organization

- Region I (Southeast)
- Region II (Southcentral)
- Region III (Interior)



Sport Fish Division Organization

- Region I (Southeast)
- Region II (Southcentral)
- Region III (Interior)
- Research & Technical Services
- Habitat Assessment & Restoration
- Headquarters



Sport Fish biologist stocking lakes by helicopter, Interior

Sport Fish Division Offices & Employees

- 3 regional offices and headquarters
- 22 area offices
- 458 employees (251 permanent & 207 seasonal)



Fairbanks Regional Sport Fish Information Center

Types of Fisheries

- Sport Fisheries
 - high-use road-accessible
 - freshwater and saltwater
 - guided and unguided
 - remote
 - youth-only
 - winter
- Personal-Use (Kenai and Chitina dip net fisheries)
- Shellfish Fisheries
- Educational

Angler fishing early morning on the Kenai River, Southeast

Types of Fisheries (Sport)

High-use road-accessible



Anglers fishing Montana Creek, Parks Highway, Southcentral

Types of Fisheries (Sport)

Freshwater



Angler with a rainbow trout, Southcentral

Saltwater



Angler with a yelloweye rockfish, Southeast

Types of Fisheries (Sport)

Guided



Guided angler on the Kenai River, Southeast

Unguided



Angler on the Kwethluk River, Southwest

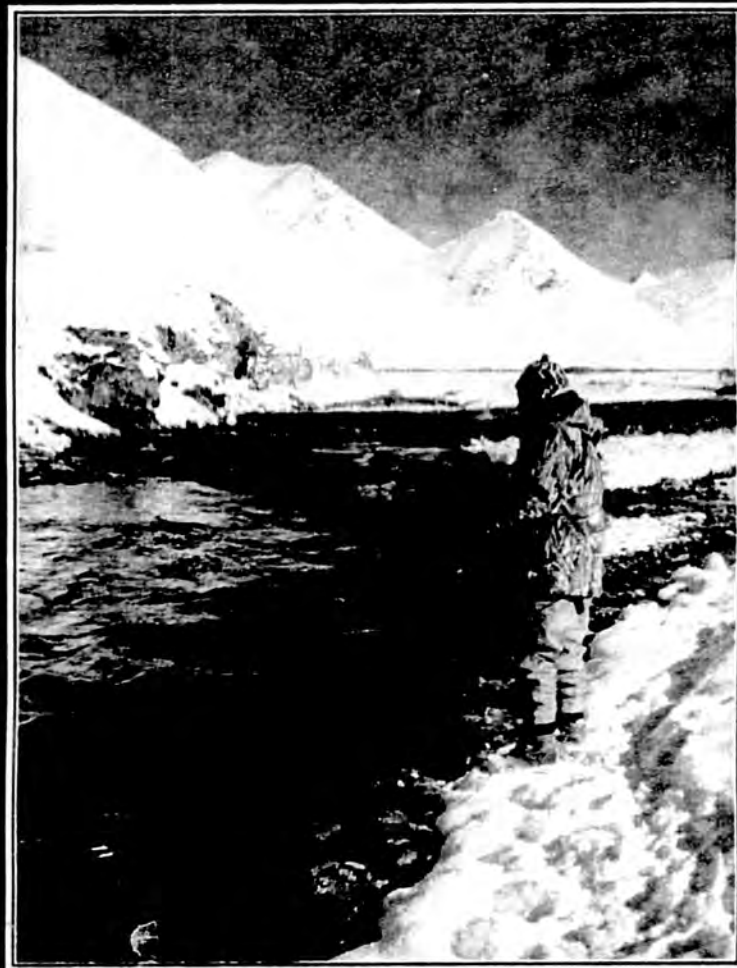
Types of Fisheries (Sport)

Remote



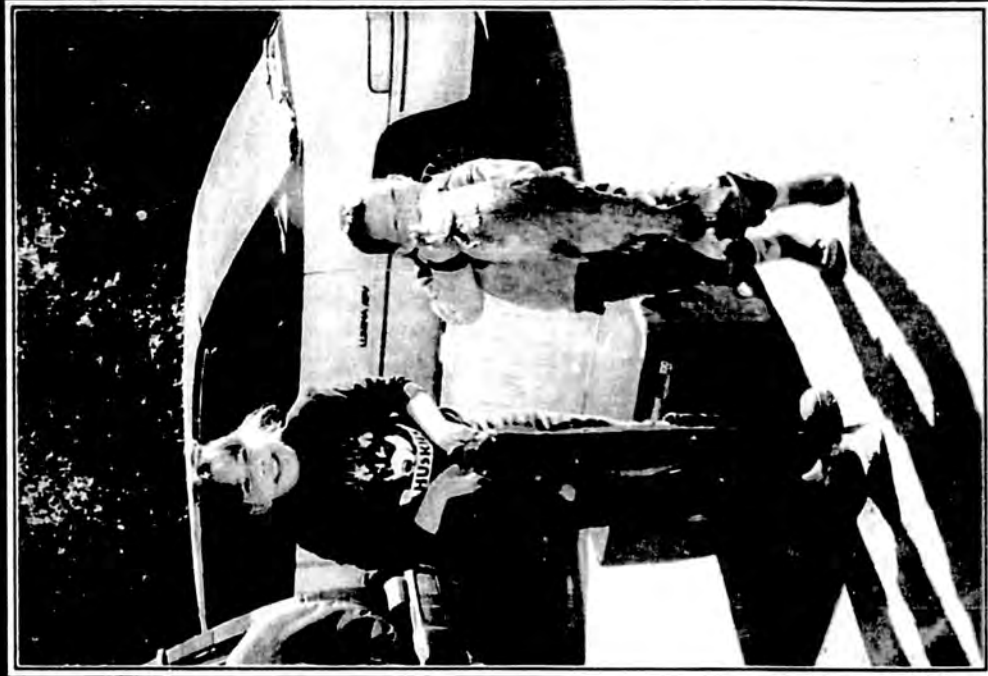
Anglers fishing the Wood River area, Southwest

Angler fishing the Saviukviayak River, North Slope



Types of Fisheries (Sport)

Youth-Only



Catch at Campbell Creek youth-only fishery, Southeast

Types of Fisheries (Sport)

Winter



Angler on Volkmar Lake ice fishing, Interior



Angler on Chena Lakes ice fishing, Interior

Types of Fisheries (Personal-Use)

Dip Net Fisheries in Kenai and Chitina

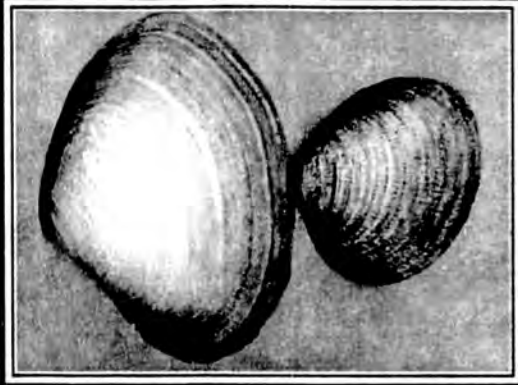


Dip netters fishing for salmon on the Kenai River,
Southcentral

Dip netters fishing for salmon on the Copper
River, Southcentral



Types of Fisheries (Shellfish)



Clam diggers at Clam Gulch, Southeastern

Types of Fisheries (Educational)

Kalskag Science Camp



Young anglers participating in the Kalskag Science Camp, Southwest

Sport Fish Division Targets & Measures

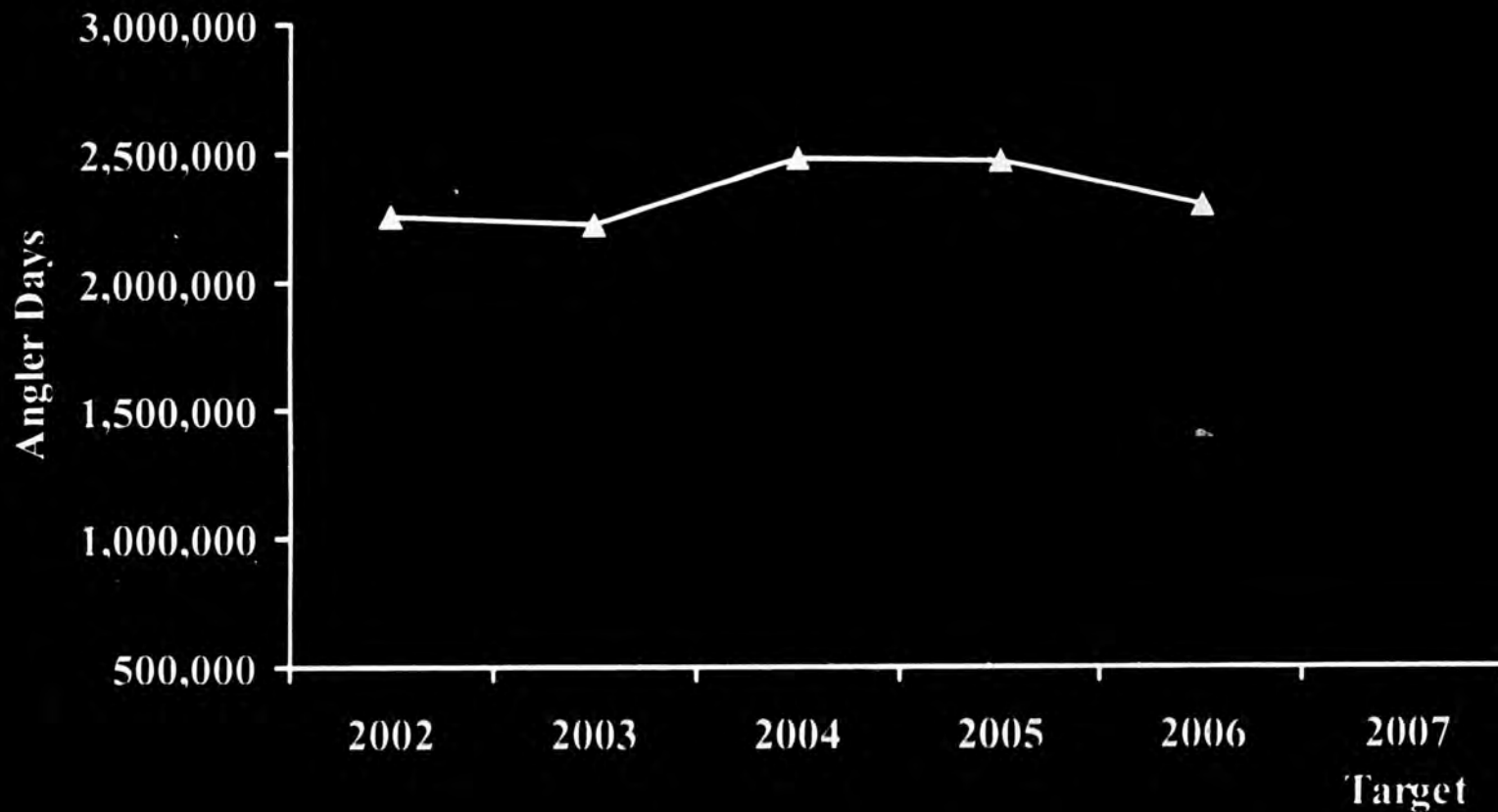
- Outcome:
 - Sustained recreational fishing opportunities while optimizing social and economic benefits from these opportunities



Sport Fish education employee teaching a student to fly fish, Southwest

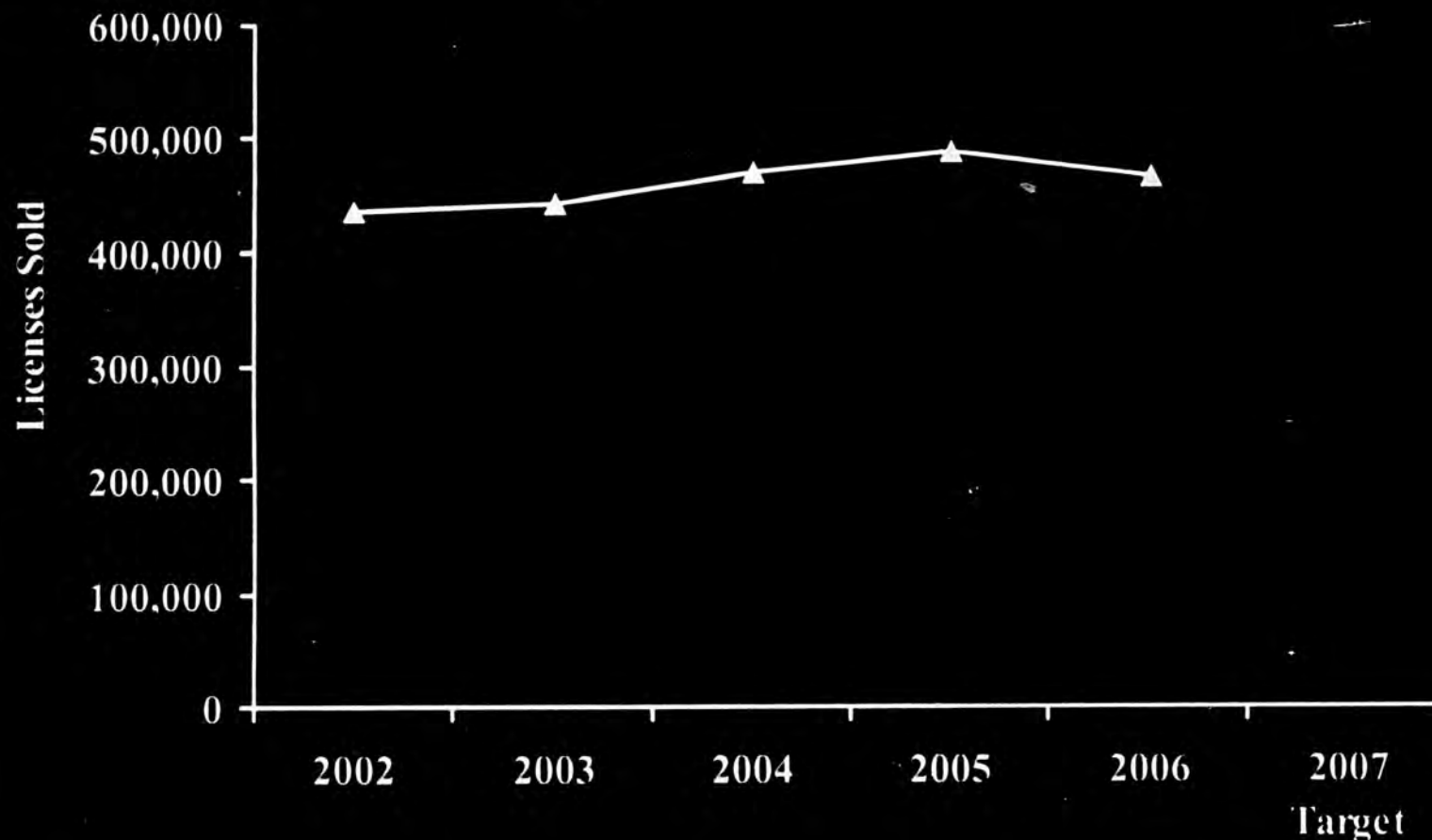
Sport Fish Division Targets & Measures

- Target 1: Provide 2.5 million angler days



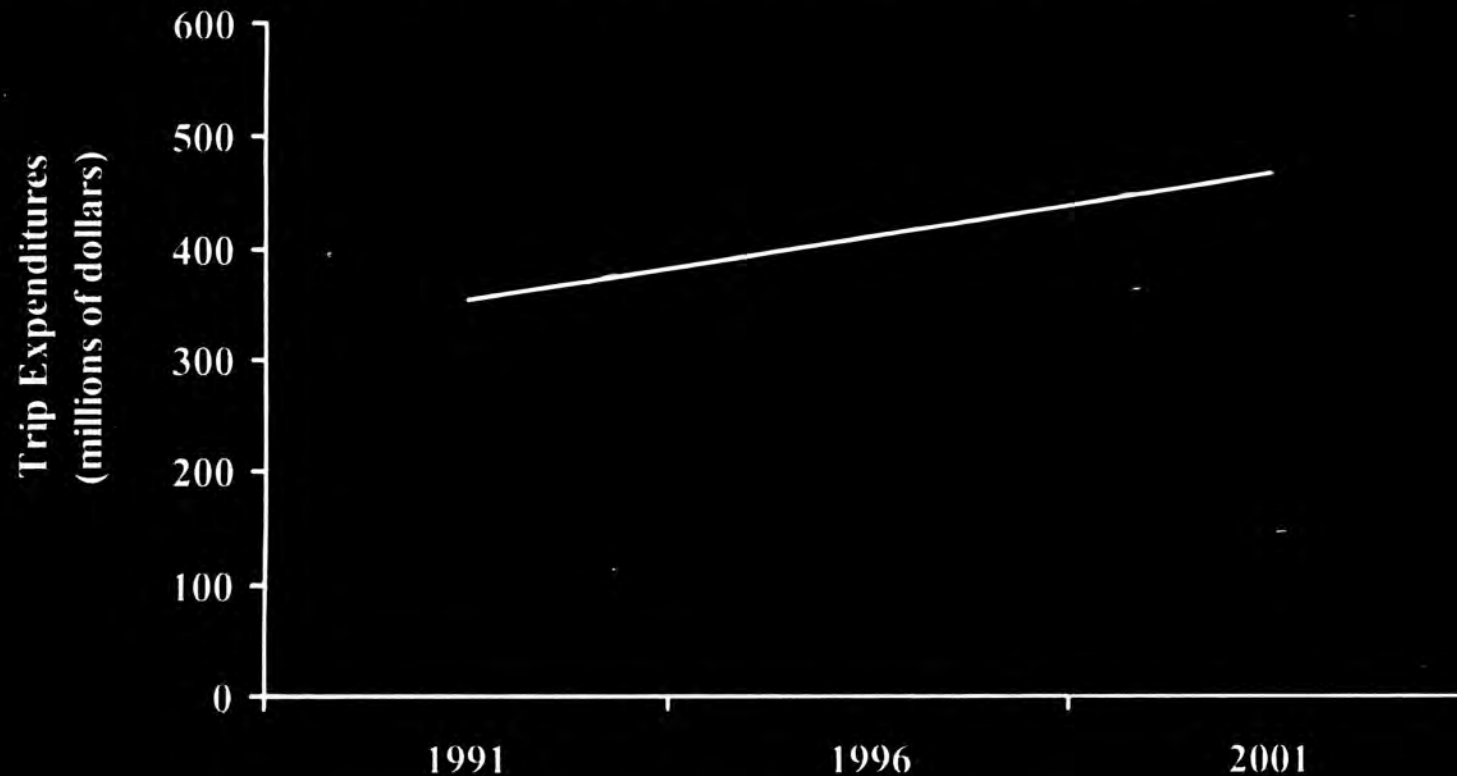
Sport Fish Division Targets & Measures

- Target 1 (continued): Sell 450,000 sport fish licenses



Sport Fish Division Targets & Measures

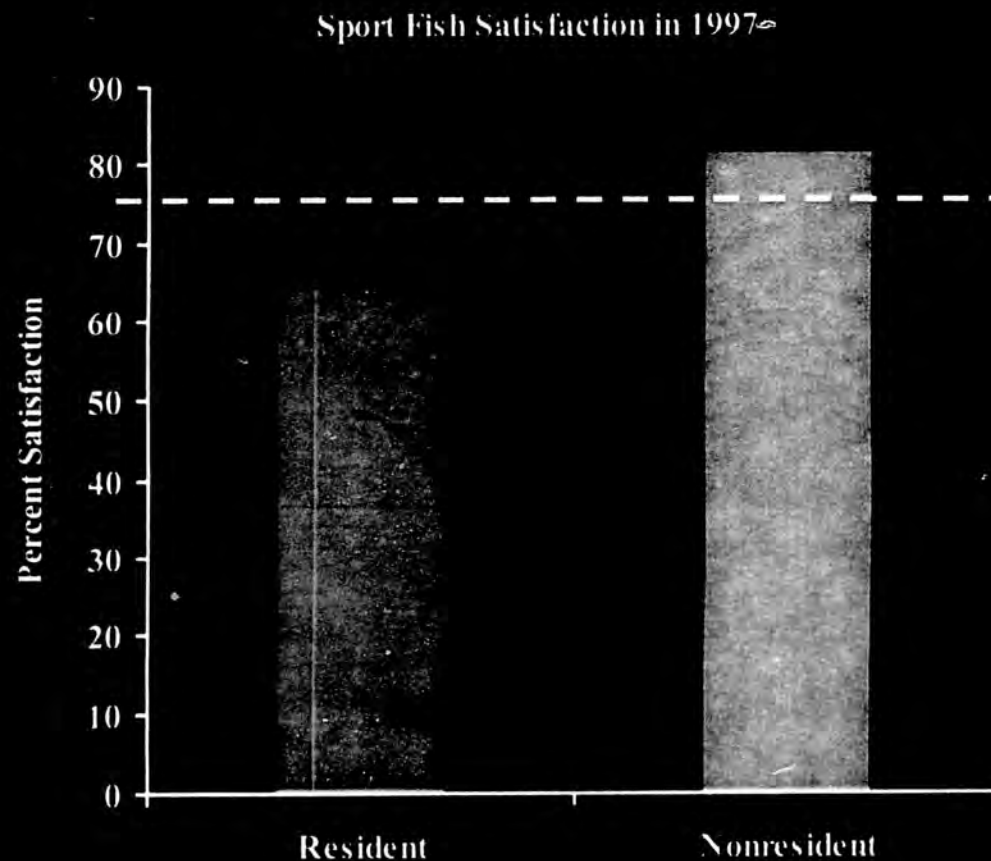
- Target 2: A positive trend in trip related expenditures as measured by the National Survey of Hunting and Fishing



Red line = data Yellow line = trendline

Sport Fish Division Targets & Measures

- Target 3: Increase to at least 75% the number of anglers that are satisfied with the variety of recreational fisheries experiences available
 - 65% residents
 - 82% nonresidents



Region I: FY07 Accomplishments:

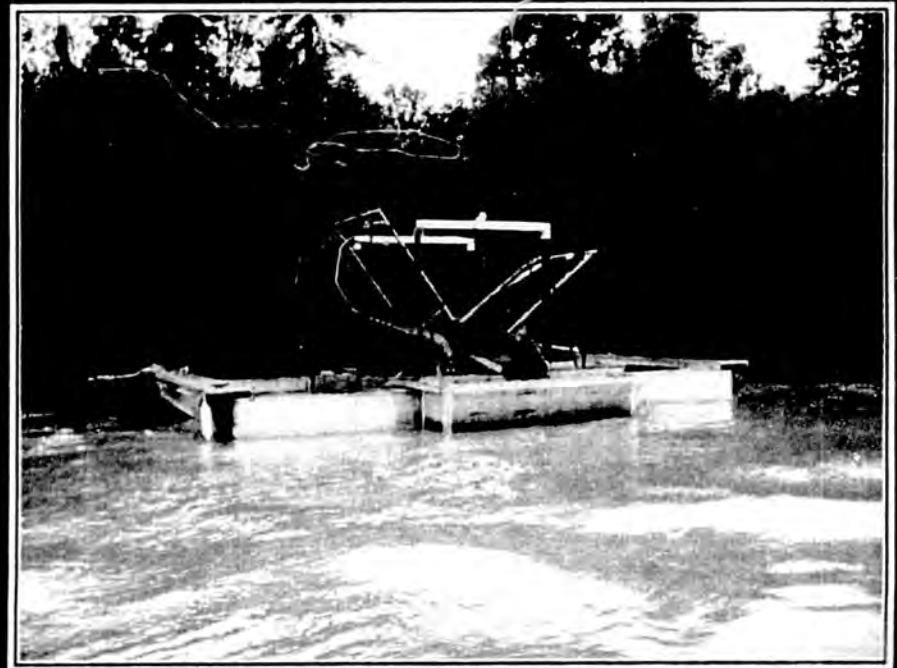
- Marine sport harvests estimated and verified;
- Stock assessments (salmon and resident spp) conducted and escapements estimated;
- Resource expertise provided for road and airport construction, timber harvest, mining, hydroelectric projects and land transactions.



King salmon derby, Ketchikan, Southeast

Region II: FY07 Accomplishments

- Conducted stock assessment work on Kenai, Russian and Susitna Rivers sockeye salmon and Kasilof River king salmon;
- Increased stock assessment work for systems identified for mine development



Susitna River sockeye study, Southcentral

Region III: FY07 Accomplishments

- Continued efforts on regulatory, land use, and research helpful to Alaska anglers
- Information and education program continues involvement with rural communities and users;
- 2007 season experienced minimal inseason salmon opportunity restrictions.



Sport Fish technician holding a Copper River steelhead, Southcentral

Research & Technical Services: FY07 Accomplishments

- Biometric support provided for 120 stock assessment projects statewide
- Continued review of salmon escapement goals
- Statewide estimation of sport fisheries catch, effort and harvest.



Angler with a Nowitna River northern pike, Interior

Habitat Assessment & Restoration: FY07 Accomplishments

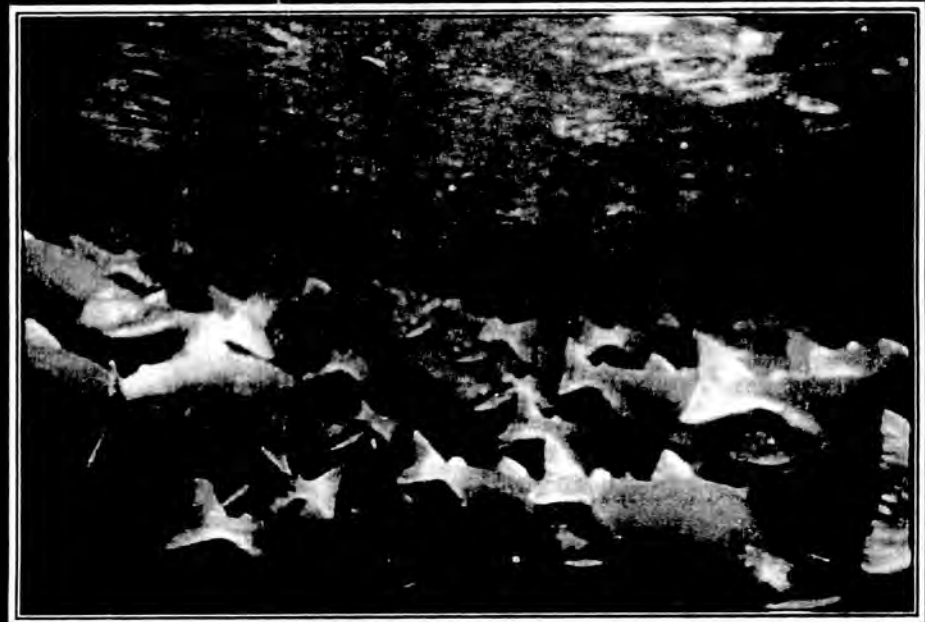
- Reviewed state, municipal, and federal land ownership transfers and land use plans for assuring sustained use
- Updated fish distribution database and anadromous stream catalog
- Continued cost-share agreement with Kenai River landowners regarding stream bank restoration



Chinook salmon in the Salcha River, Interior

Additional FY07 Accomplishments

- Continued support for advisory working group on a limited entry sport fish guide program
- Completed three boater access and 2 non-boating access projects statewide
- Continued Departments ANILCA program to protect management authority of fish and wildlife resources.



Sockeye salmon in Haley Creek, Southcentral

Key Challenges for FY08

- Management of harvests according to regulatory board instruction
- Sustain wild fish stocks targeted by sport anglers
- Maintain and ~~secure~~ satisfaction among resident anglers
- Constructing new hatcheries approved in 2005, while maintaining existing hatchery production

Key Challenges for FY08

- Ensure hunting and fishing public access as land is conveyed and restricted by federal land managers
- Assure resource development is done responsibly without undue affect on fish and wildlife and use
- Minimize impact to other users while meeting subsistence priority

Sport Fish Division

Management

Stock Assessment

Hatchery Production

Access & Development

Habitat Assessment

Information & Education

Enforcement

Planning & Surveys



SCOMM

147:17



ADF&G
Division of Subsistence
Program Overview

Prepared for
House Fisheries Special Committee
January 2008

State Subsistence
Mission and Purpose

1978—Alaska statute recognized the economic and cultural importance of fish and wildlife in the lives of Alaskans.

- Provided a priority for "customary and traditional uses" for subsistence purposes.
- Preceded the 1980 federal law ANILCA, in part, so the state could retain management authority over all lands.

Mission:

To scientifically gather, quantify, evaluate and report information about customary and traditional uses of Alaska's fish and wildlife resources.

Subsistence Uses

- Subsistence uses of wild resources are defined as 'noncommercial, customary and traditional uses' for a variety of purposes.



Prioritized Program Activities

