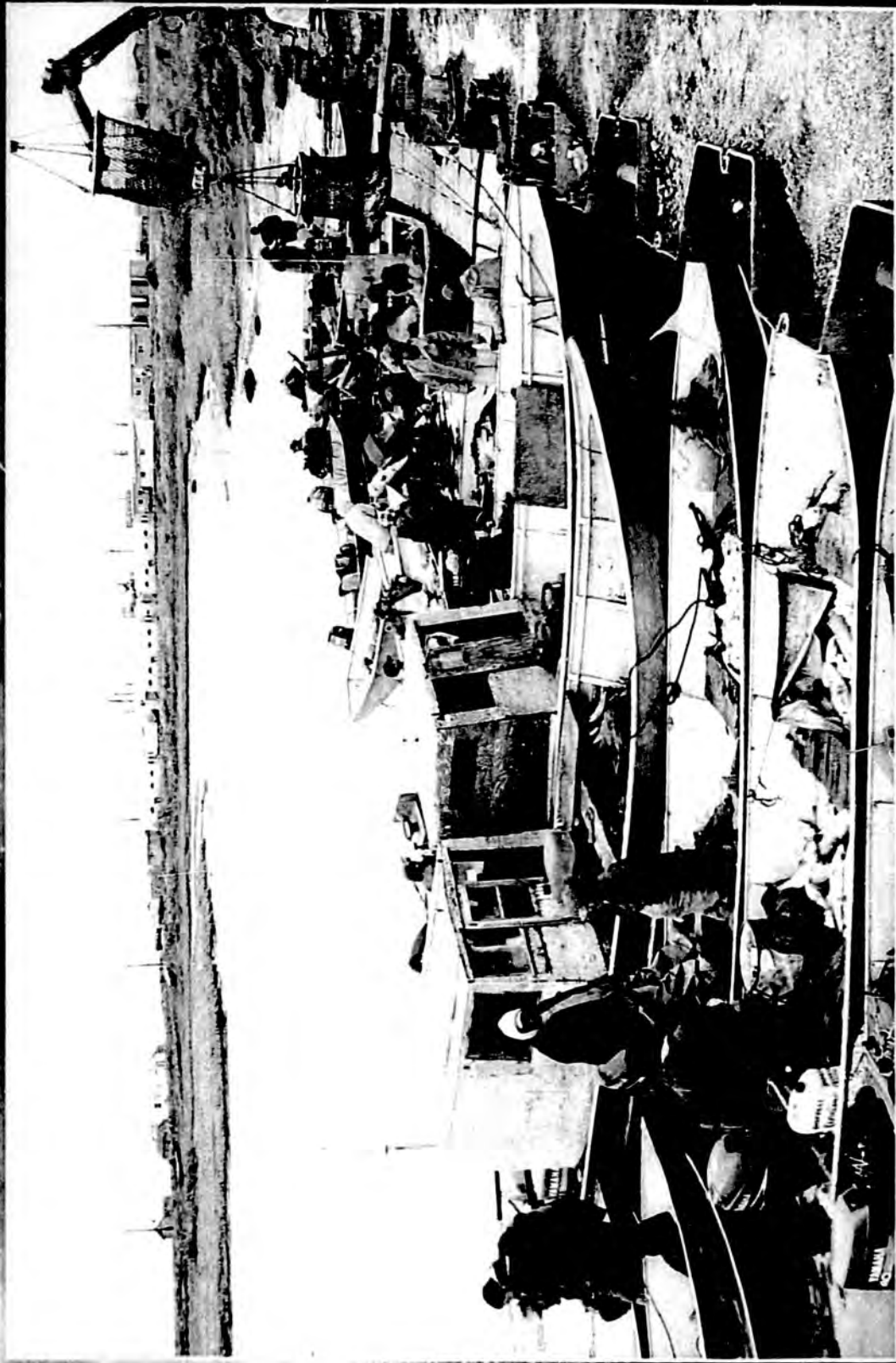
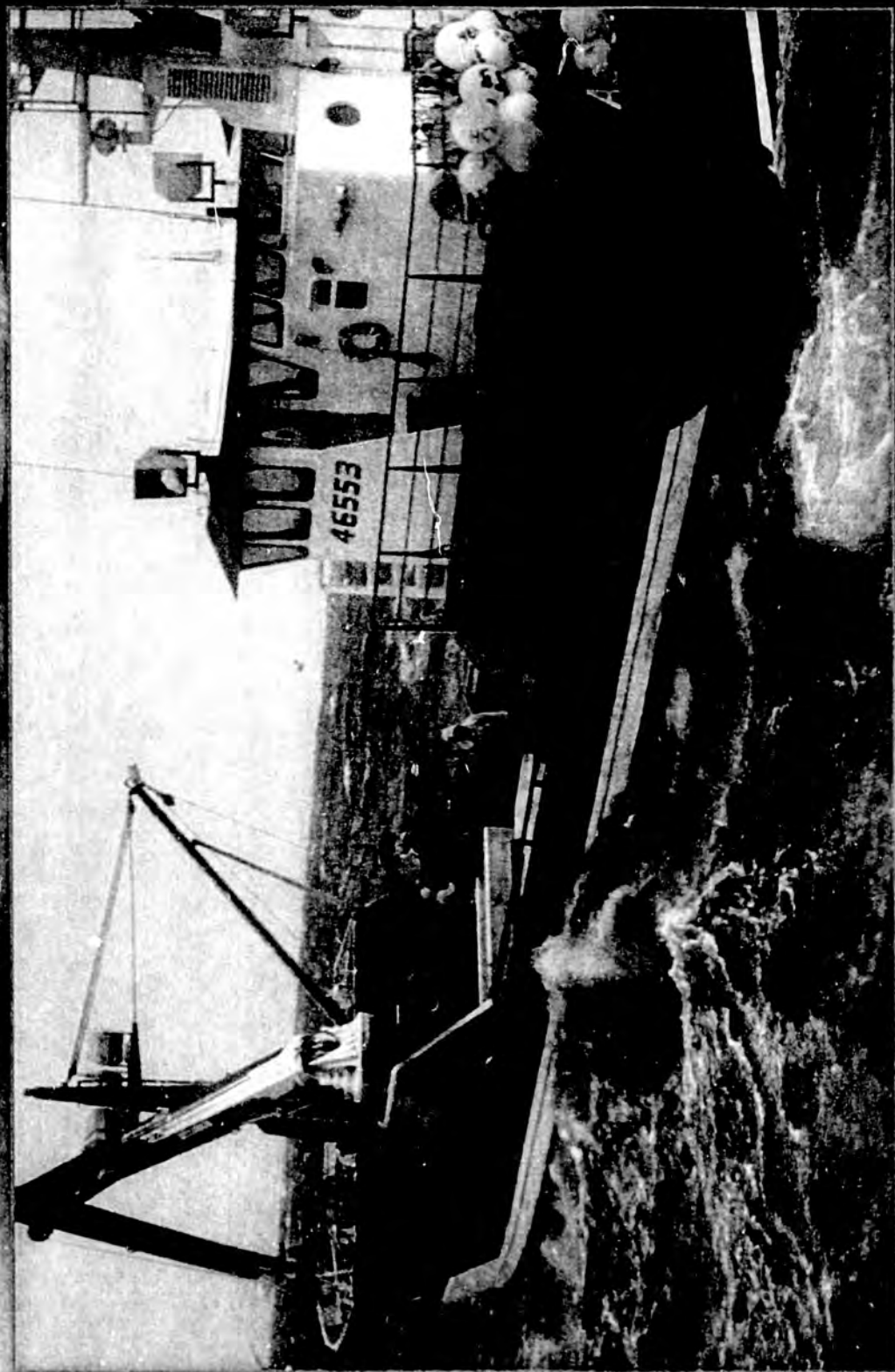


AK LEGISLATURE SPECIAL COMMITTEE FILES SCOMM 147 3152
26

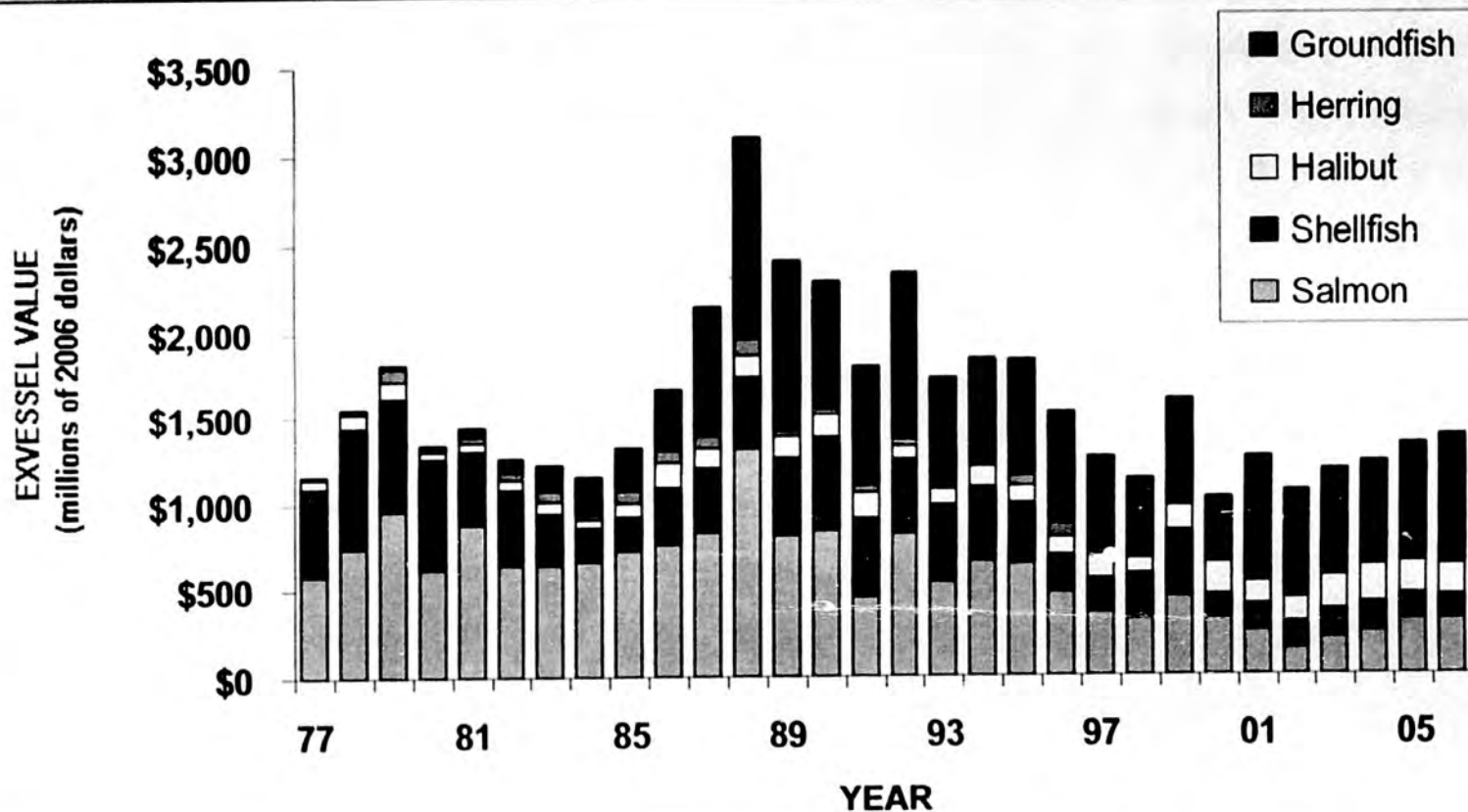
Kuskokwim Bay Salmon Fishermen Delivering In Quinahak



Crab Boat Setting Pots In The Bering Sea



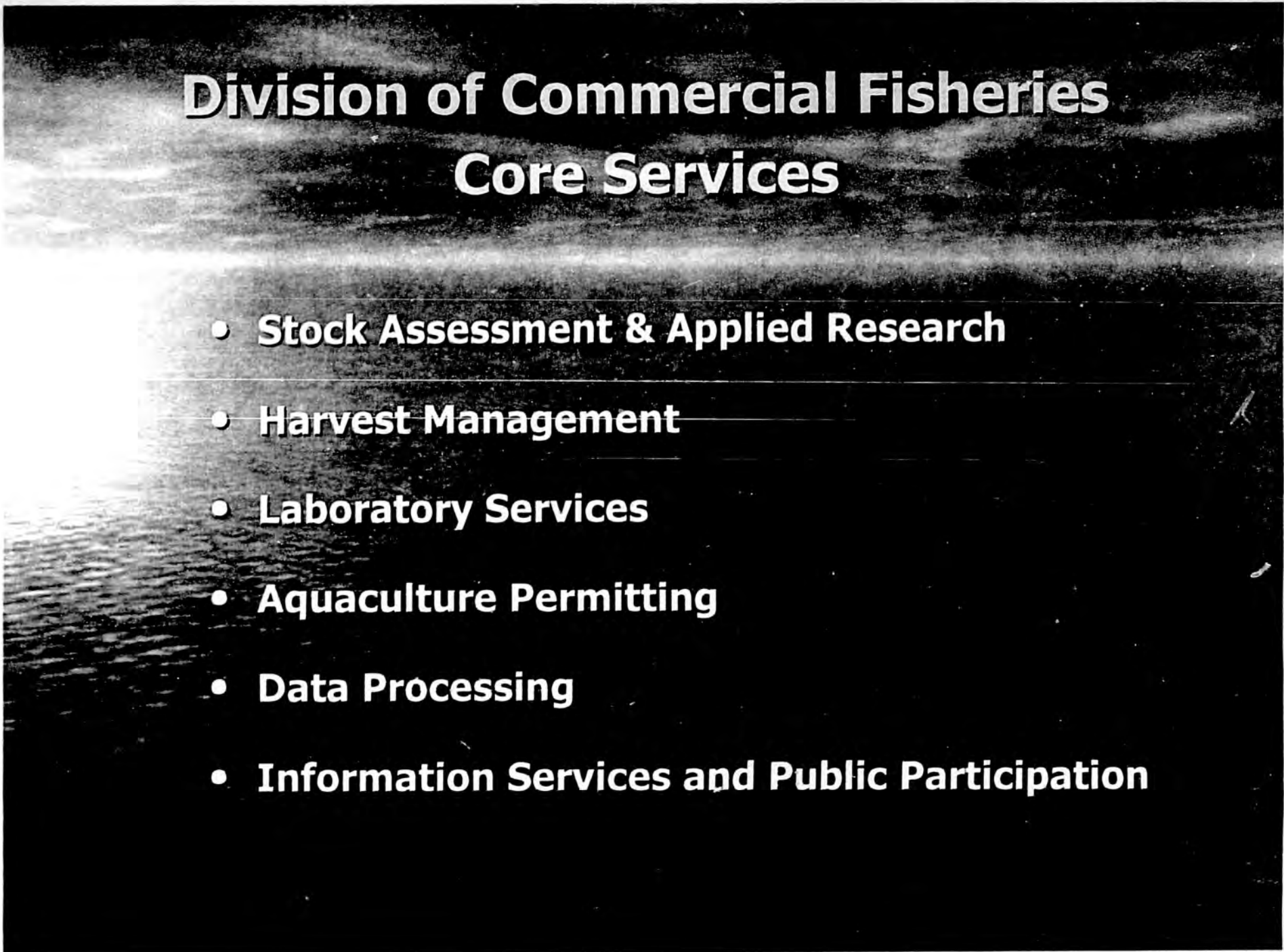
Exvessel Value Of Alaska's Commercial Fisheries (Adjusted to Constant 1977 Dollars)



Economic Impact of Seafood Industry on Alaska's Economy in 2001

(Source: Northern Economics, Inc. 2003)

- **Generated 36,900 full-time equivalent jobs in seafood harvesting, processing sectors, and support industries**
- **Approximately 23,100 of these jobs were held by Alaskans**
- **Generated \$932 million in direct payments to labor with \$370 million going to Alaska residents**
- **Generated total sales of \$3.0 billion within Alaska**
- **Paid more in taxes to state general fund than any other industry except oil and gas**



Division of Commercial Fisheries

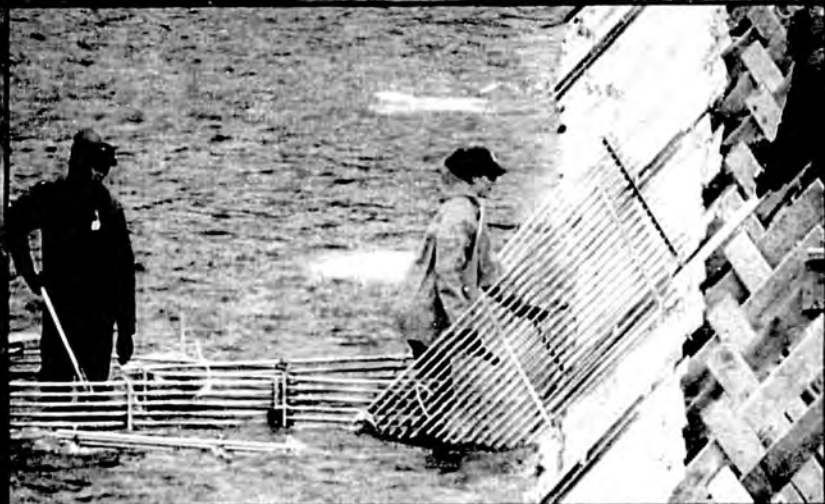
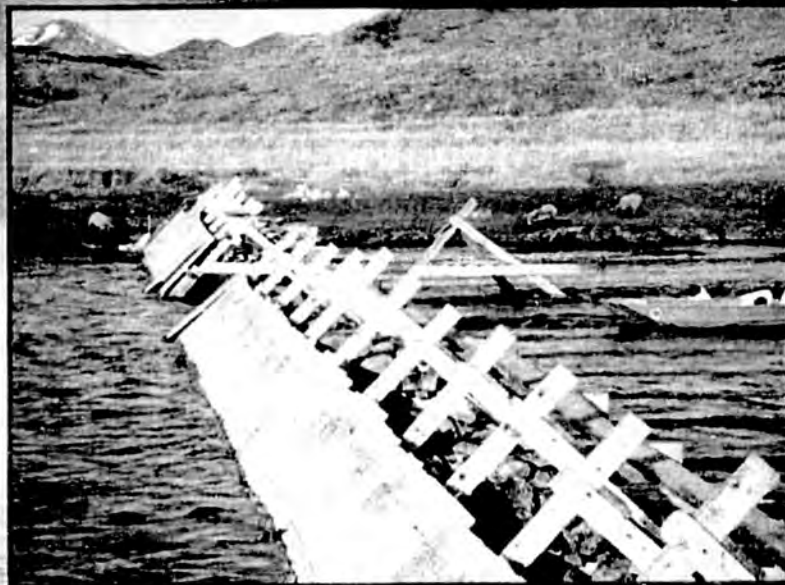
Core Services

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

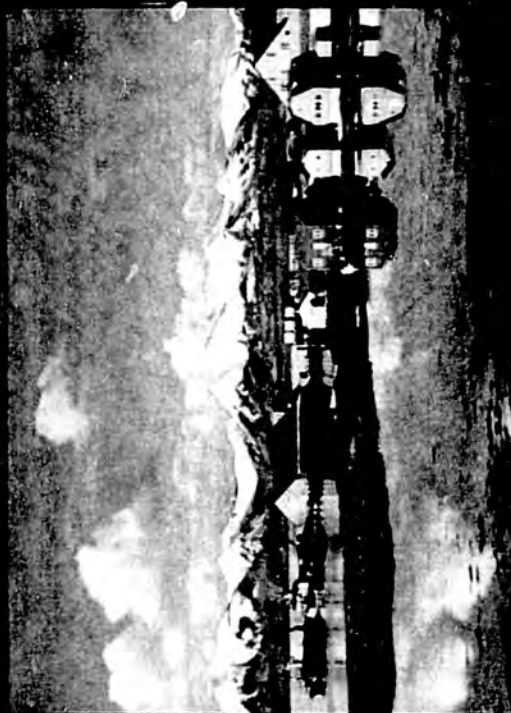
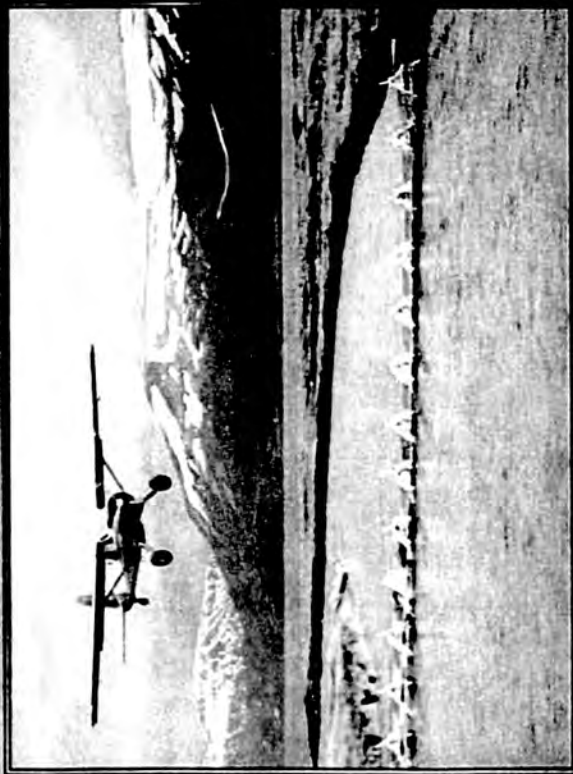
Stock Assessment and Applied Research

- **Salmon Escapement Enumeration**
 - **Weirs, Towers, Sonar, Foot/Aerial Surveys**
- **Juvenile Salmon Estimation**
- **Groundfish and Shellfish Surveys**
- **Herring Spawn Deposition and Hydroacoustic Surveys**
- **Aerial Herring Surveys**
- **Dive Surveys**
- **Biological, Genetic, Coded-Wire Tag Sampling**

Salmon Enumeration and Sampling



Salmon Enumeration and Sampling



Other categories and examples of stock assessment



Intertidal littleneck clam surveys in
Prince William Sound.



Harvest Management

- Assisting the Board of Fisheries in Establishing Regulations and Management Plans
- Opening and Closing Fishing Areas and Setting Fishing Time
- Collecting Harvest and Biological Data
- Writing Annual Management Reports



Laboratory Services

- Pathology Laboratory
- Coded-Wire Tag and Otolith Aging Laboratory
- Genetic Stock Identification Laboratory



Otoliths or Ear Bones

Aquaculture Permitting



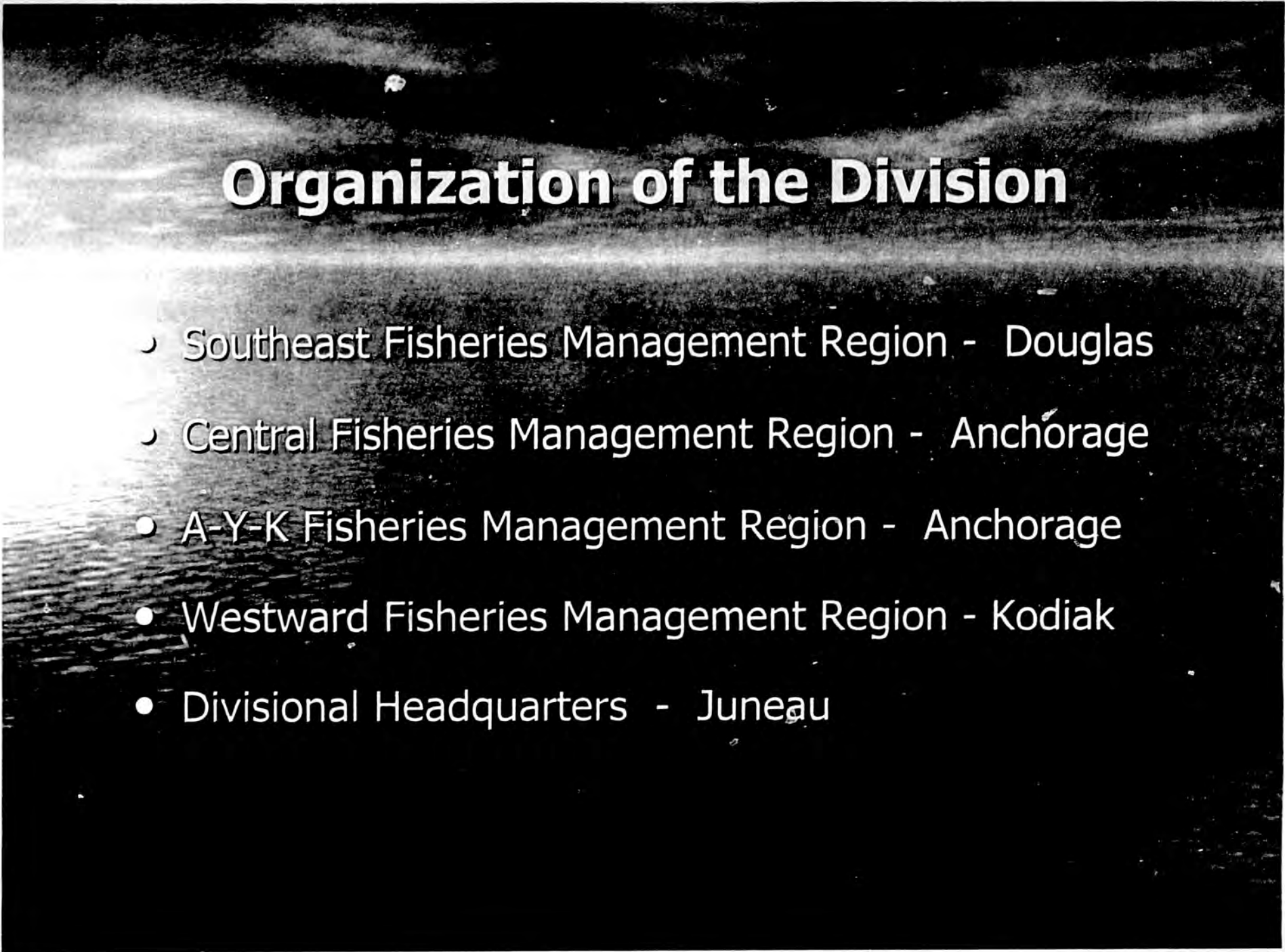
- Private Non-Profit Salmon Hatcheries
- Aquatic Shellfish Hatchery
- Aquatic Shellfish Farms

Data Processing

- Fish Tickets Systems
- eLanding Electronic Catch Reporting System
- Internet Accessible Inseason Catch and Escapement Databases
- Geographical Information System Databases
- Internet Accessible News Release Database
- Seafood Processor/Buyer Intent to Operate System
- Commercial Operator Annual Reports (COAR)
- Databases for Biological Data

Information Services and Public Information

- Design and Maintain Division Website
- Publish Brochures and Other Informational Materials on Divisional Programs
- Produce Upon Request Custom Reports from Fish Ticket and COAR Databases
- Administer Divisional Confidentiality Policies
- Develop and Administer Divisional Publication Policies and Procedures



Organization of the Division

- Southeast Fisheries Management Region - Douglas
- Central Fisheries Management Region - Anchorage
- A-Y-K Fisheries Management Region - Anchorage
- Westward Fisheries Management Region - Kodiak
- Divisional Headquarters - Juneau

Permanent and Seasonal Staff

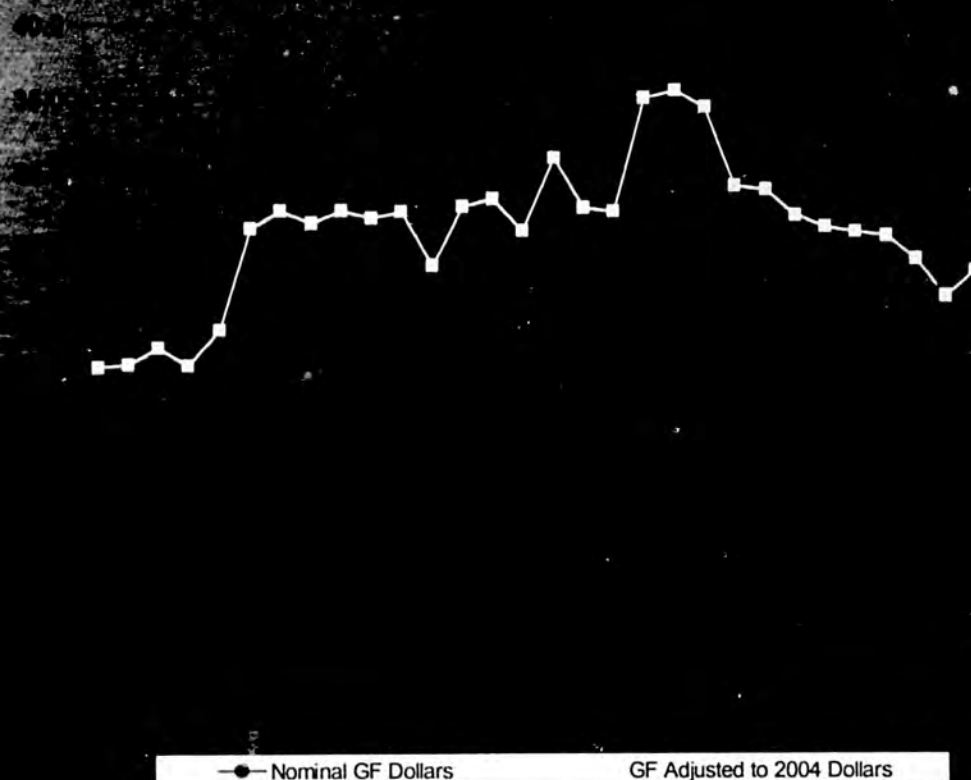


Bethel Office June 2006

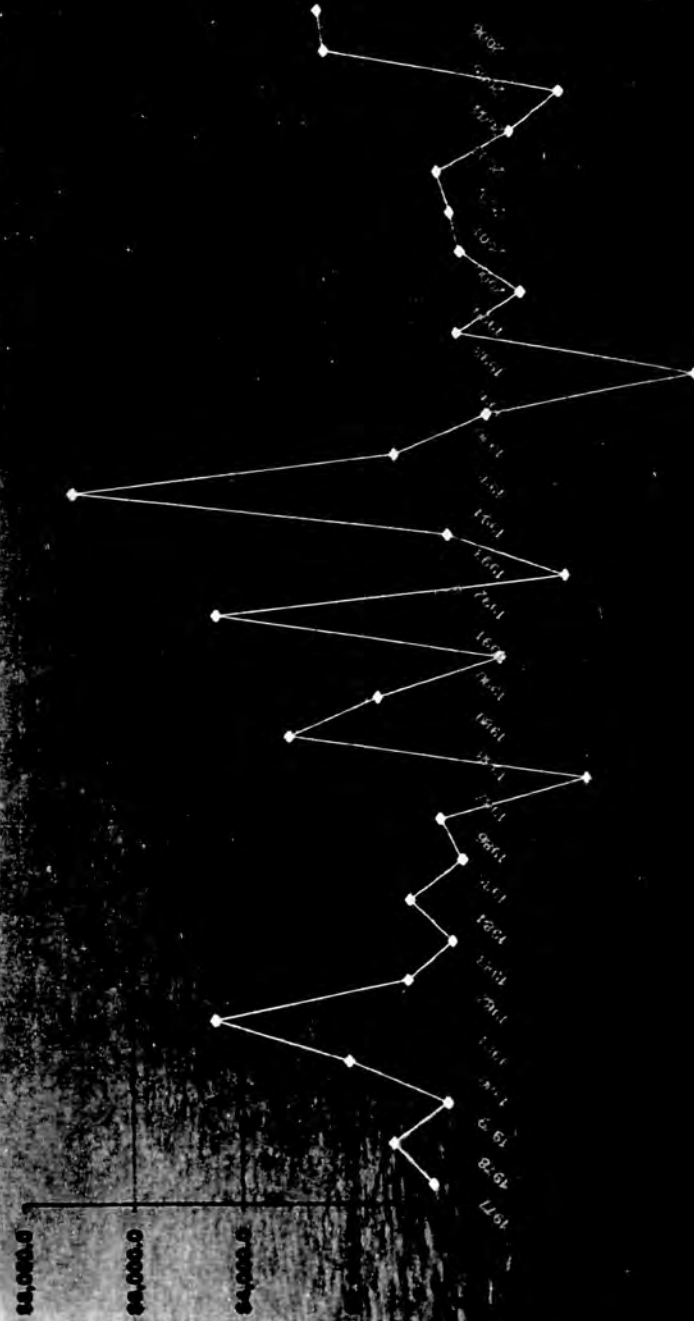
In fiscal year 2007:

- 306 permanent staff
- 499 seasonal staff
- 20 permanent offices
- 84 seasonal offices/field camps
- 4 large research vessels

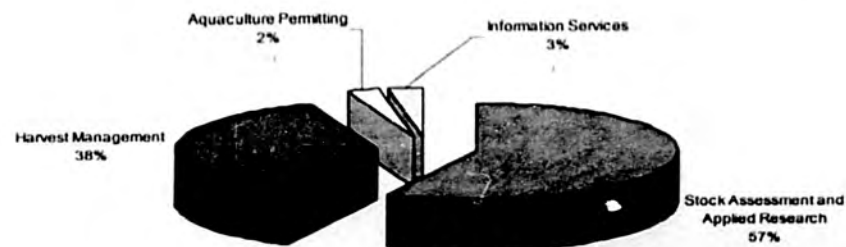
General Fund Appropriations for the Division of Commercial Fisheries Fiscal Years 1977-2007



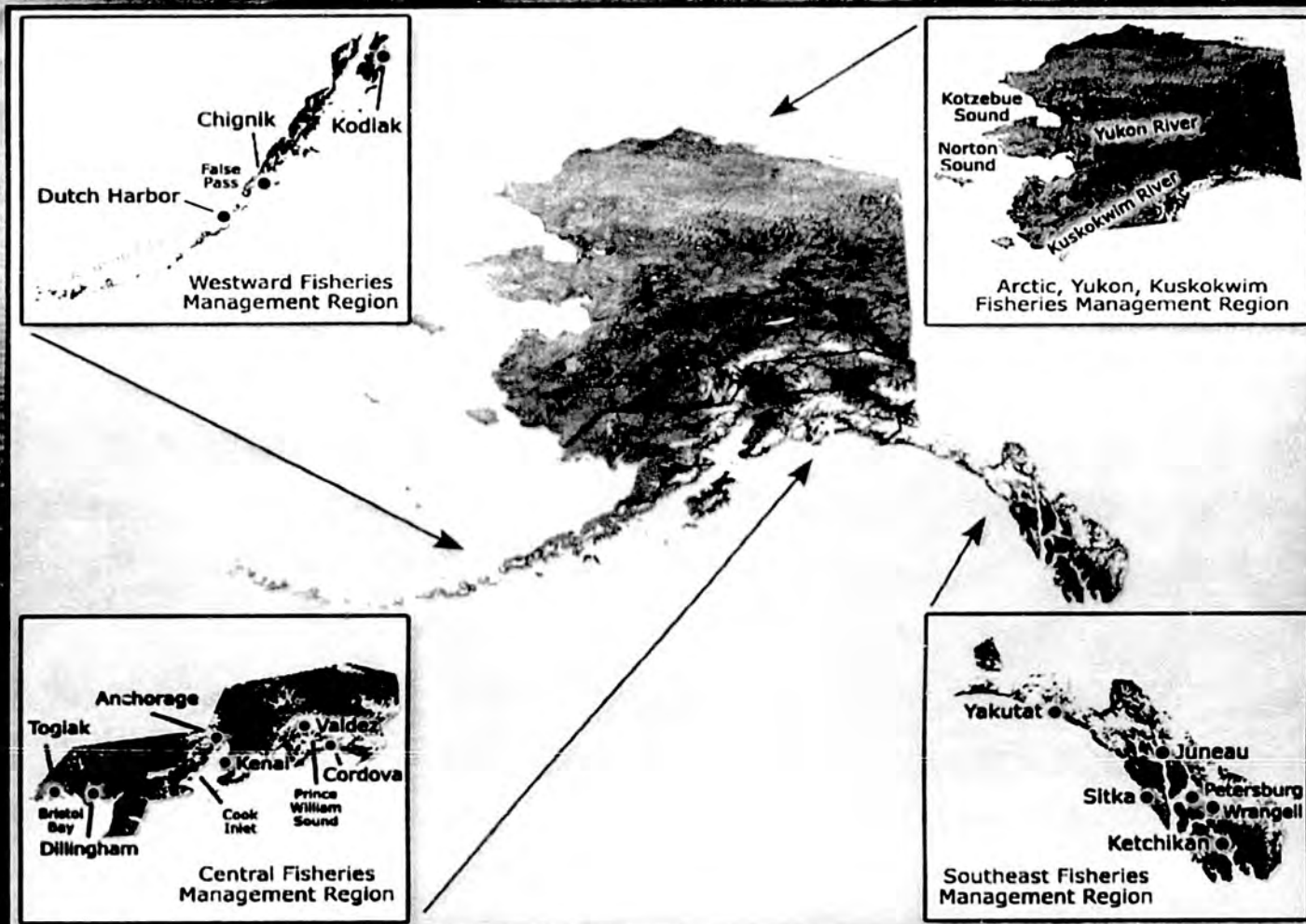
Year to Year Change in Appropriations to Division of Commercial Fisheries Fiscal Years 1977 to 2007



Percentage of Total Expenditures for Core Services



Fisheries Management Regions



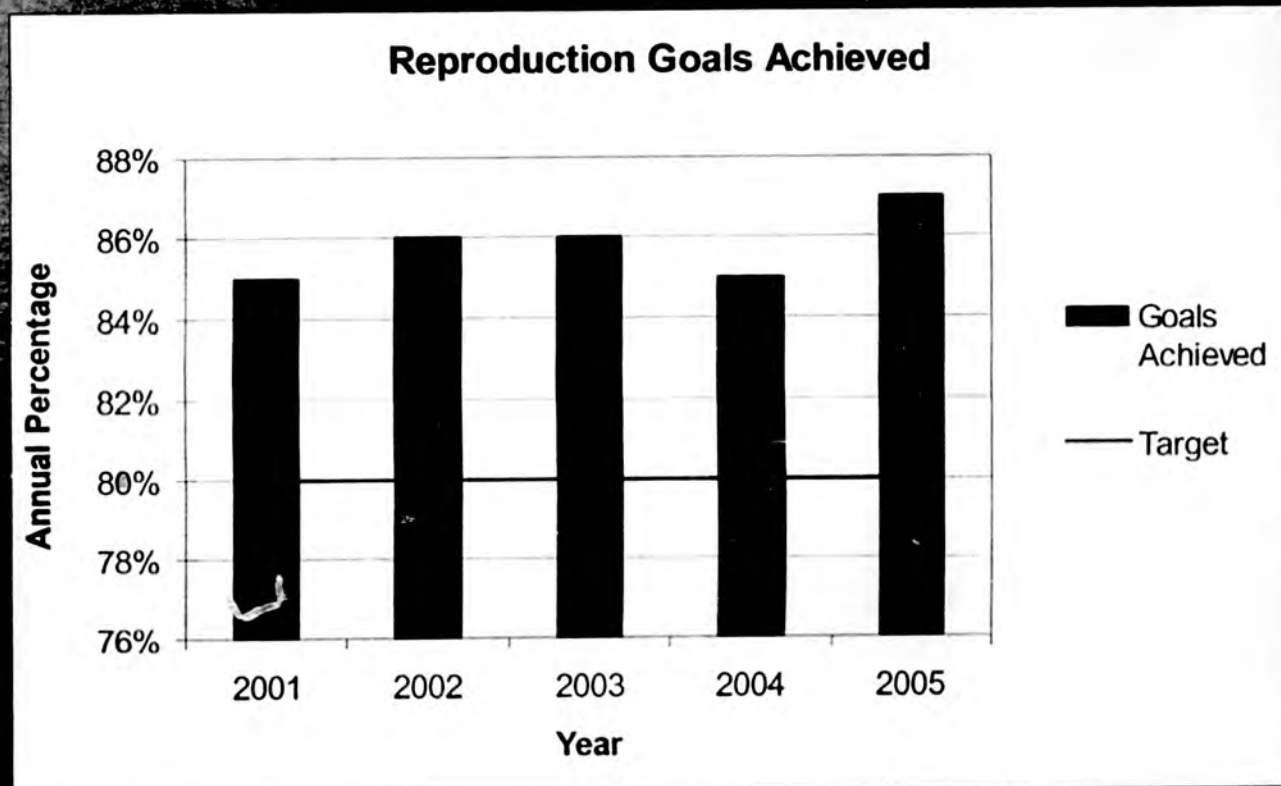
Missions and Measures

Targets

1. Exvessel value of commercial harvests and mariculture production above \$1 billion
2. Reproductive goals achieved for more than 80% of monitored stocks
3. Develop genetic baselines for Alaskan Chinook, chum, and sockeye stocks that will include 100 stocks in each baseline
4. All aquatic farms operating with current permits

Missions and Measures

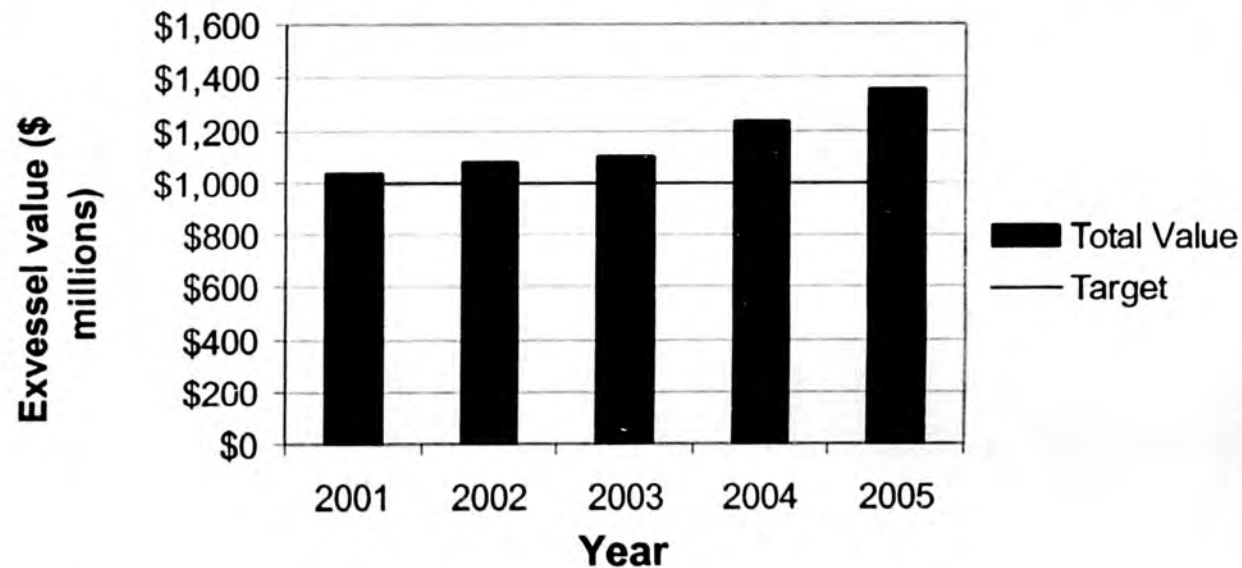
2. Reproductive goals achieved for more than 80% of monitored stocks



Missions and Measures

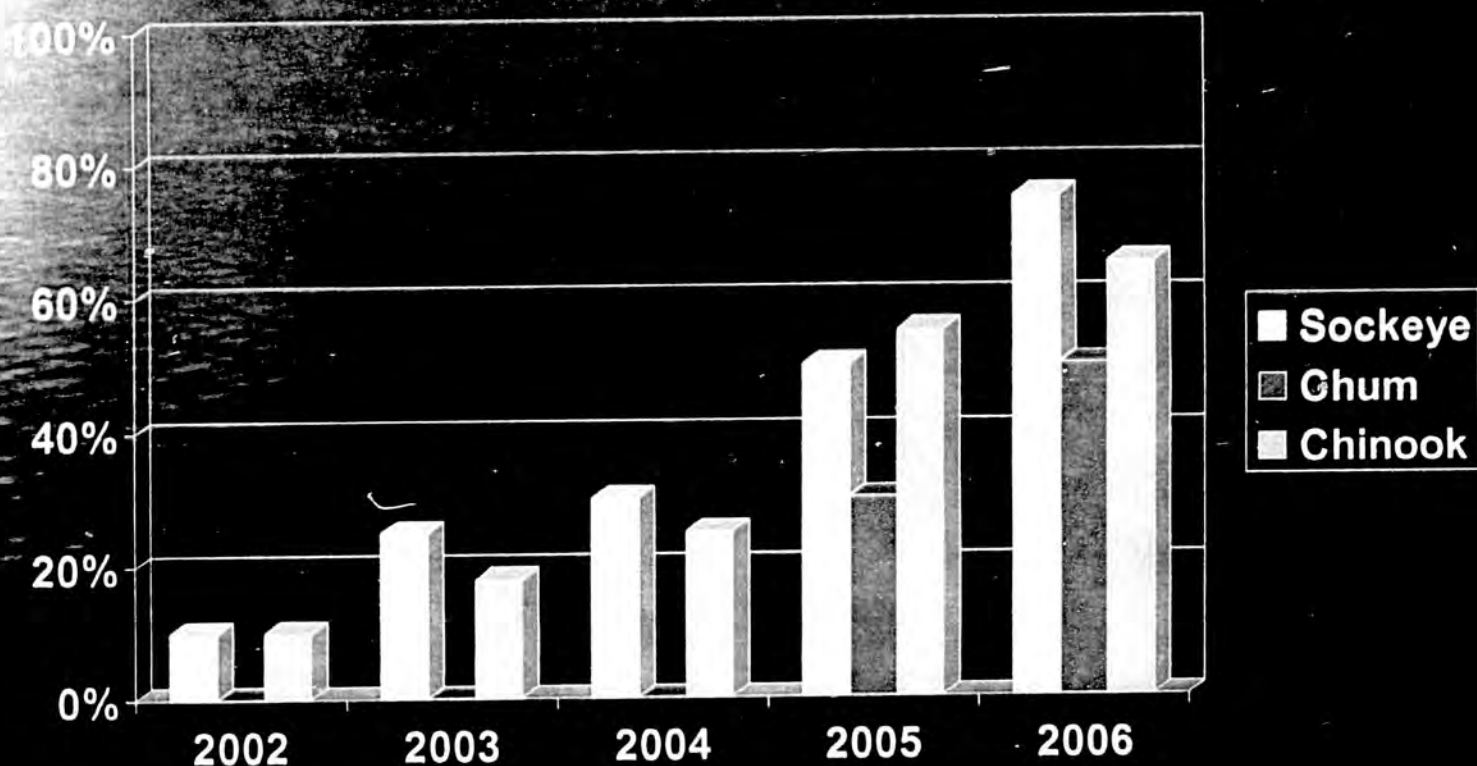
1. Exvessel value of commercial harvests and mariculture production above \$1 billion annually

**Exvessel Value of Commercial Harvests and
Mariculture Production in Alaska**



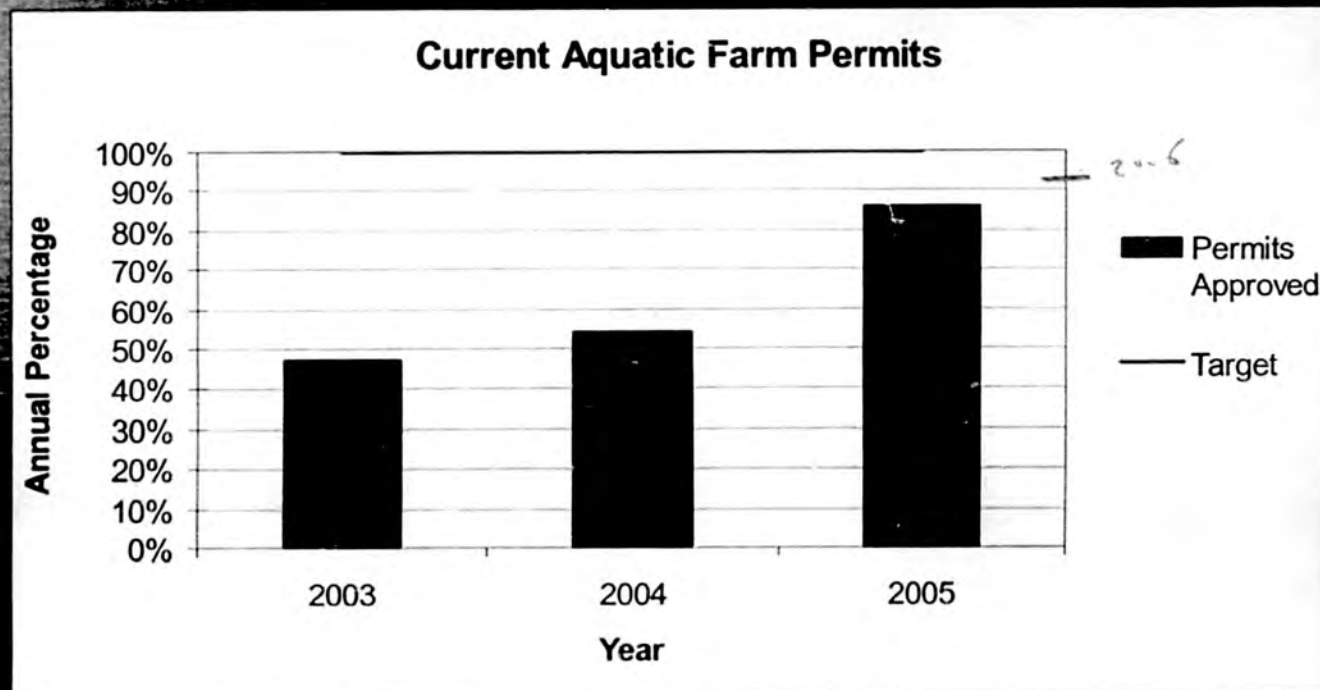
Missions and Measures

3. Develop genetic baselines for Alaskan Chinook, chum, and sockeye stocks that will include 100 stocks in each baseline



Missions and Measures

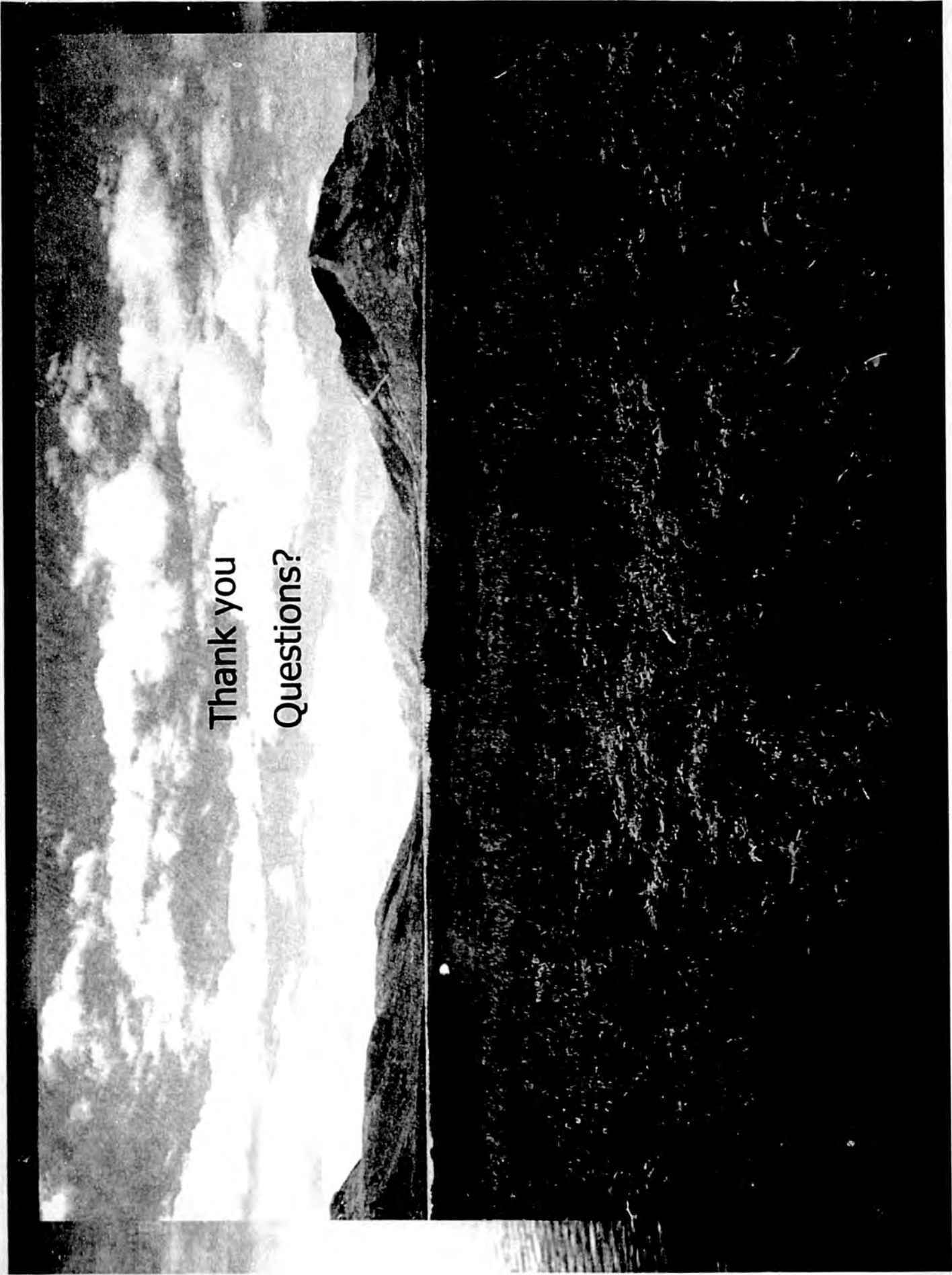
4. All aquatic farms operating with current permits





Major Issues

- Recruitment and Retention of Staff
- Declining Federal Funds
- Funding Instability
- Renegotiation of the Pacific Salmon Treaty
- Federal Subsistence Management
- Gulf of Alaska Groundfish Rationalization
- Federal Extraterritorial Jurisdiction
- Marine Stewardship Council Re-certification
- Cook Inlet Salmon Management
- Geoduck Aquatic Farm Industry Recommendations
- Water/Boating, Diving, Firearms and Bear Safety



Thank you
Questions?



Alaska Department of Fish and Game

Division of Sport Fish

Kelly Hepler, Director

Rob Bentz, Deputy Director



ADF&G Mission

- Protect, maintain and improve fish, game, and aquatic plant resources
- Manage their use and development in the best interest of the economy, and the well-being of the people of the State consistent with the Sustained Yield Principle



Division of Sport Fish Mission

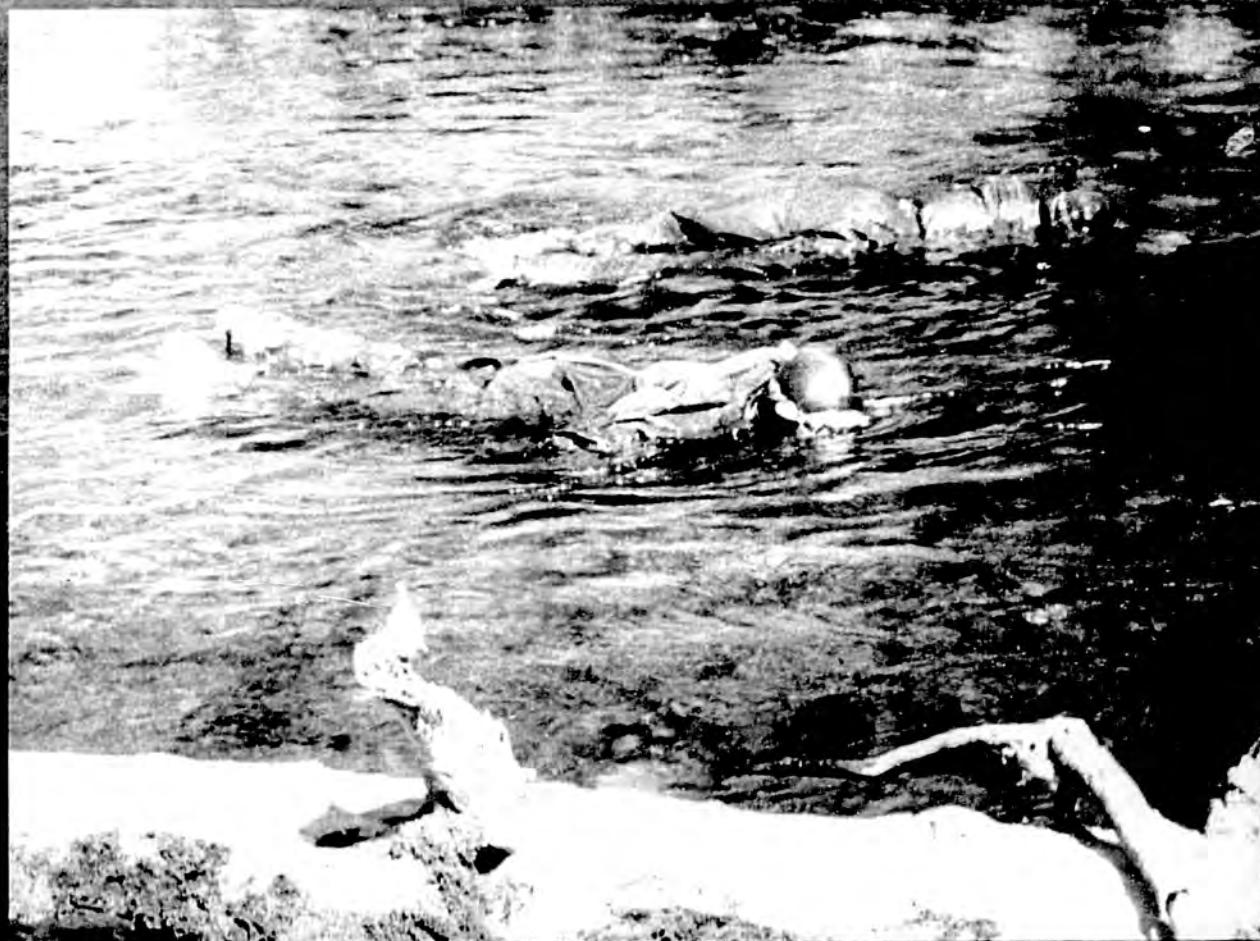
- Protect and improve the State's recreational fisheries resources



Anglers fishing Ship Creek, Anchorage.

Sport Fish Core Services

- › Fishery stock assessment



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

Sport Fish Core Services

- › Stock assessment
- › Fisheries management



Anglers fishing Sheep Creek, Parks Highway.

Sport Fish Core Services

- Stock assessment
- Management
- Hatchery production



Stocking at Ballaine Lake, Fairbanks area.

Sport Fish Core Services

- Stock assessment
- Management
- Hatchery production
- Access development & maintenance



Eklutna tailrace parking and access project.

Sport Fish Core Services

- Stock assessment
- Management
- Hatchery production
- Access
- Habitat assessment



Fish community inventory, Nushagak drainage.

Sport Fish Core Services

- › Stock assessment
- › Management
- › Hatchery production
- Access
- Habitat
- Information & education



Elementary students assisting with an egg take, Campbell Creek.

Sport Fish Core Services

- Stock assessment
- Management
- Hatchery production
- Access
- Habitat
- Information & education
- Enforcement



ADF&G employees explaining regulations to an angler.

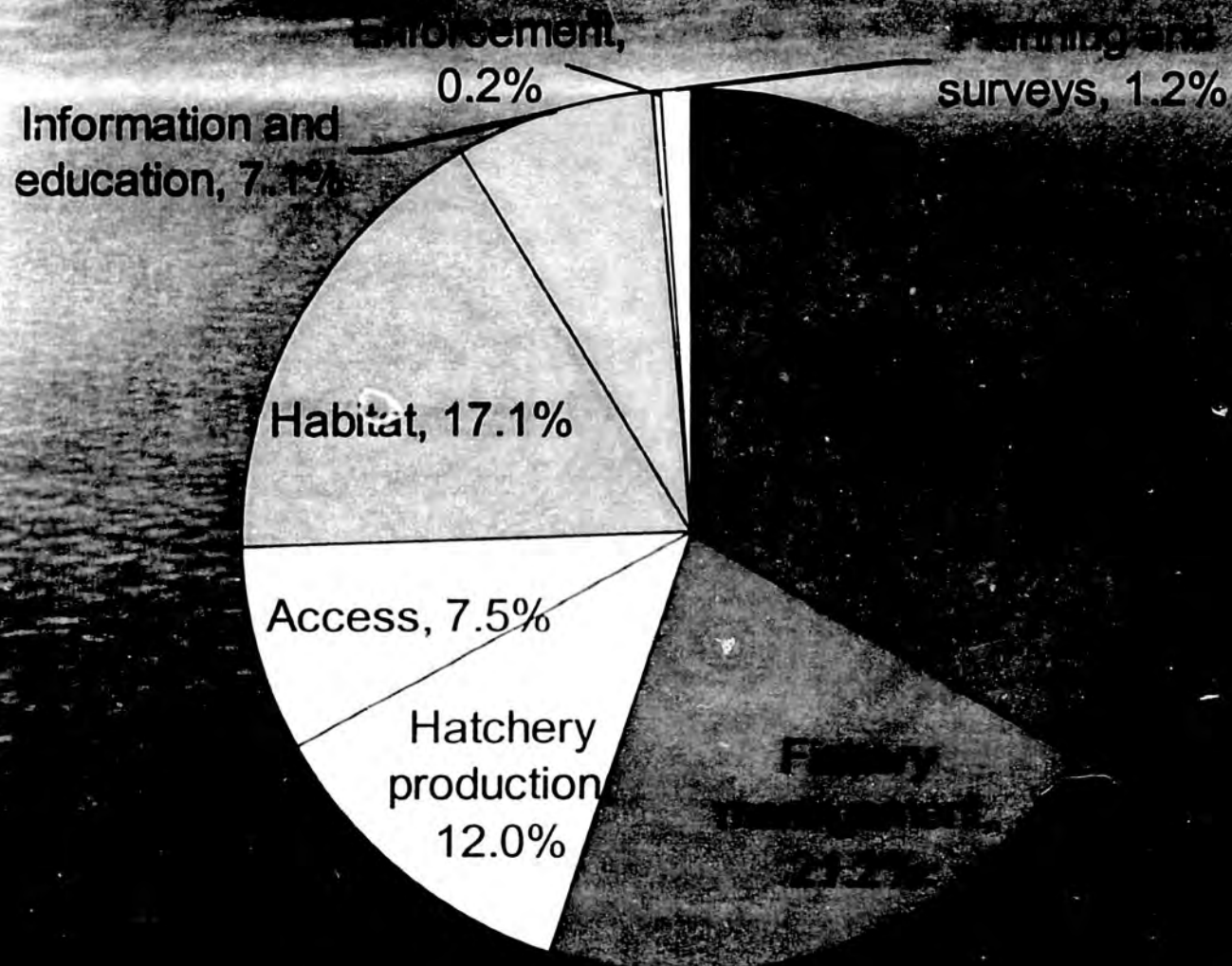
Sport Fish Core Services

- Stock assessment
- Management
- Hatchery production
- Access
- Habitat
- Information & education
- Enforcement
- Planning and surveys



Division of Sport Fish staff during a planning meeting.

FY08 Budget by Core Service



FY08 Sport Fish Budget by funding source

		FY08
Series RDU Total		Governor's Request
	Federal Receipts	\$23,596.9
	General Fund	\$5,155.3
	Interagency Receipts	\$2,614.1
1018	EVOS	\$343.1
1024	Fish & Game Fund	\$14,729.3
1036	Commercial Fish Loan Fund	\$5.9
1055	Oil/Hazardous Waste	\$64.3
1061	CIP Receipts	\$1,985.3
1108	Statutory Designated Prgm Rcpt	\$1,979.2
1194	Fish & Game, Non Dedicated	\$9.0
1199	Sport Fish Enterprise Account	\$500.0
Total		\$50,982.4

Sport Fish Funding Sources

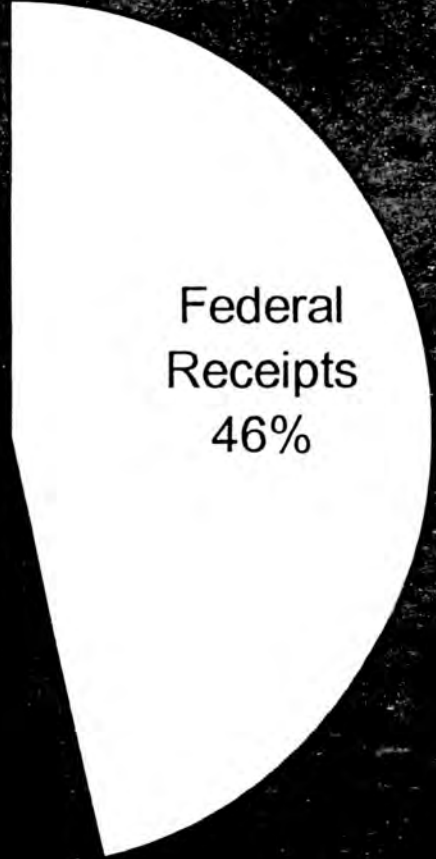
- High % of user fees



Grandfather and grandson fishing near Seward.

Sport Fish Funding Sources

- Federal receipts
 - Sport Fish Restoration
 - Pacific Salmon Treaty
 - NOAA

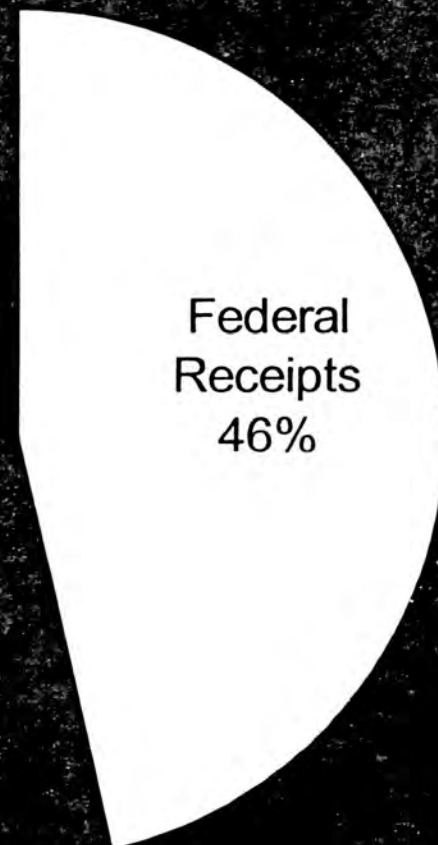


Federal
Receipts
46%

A pie chart with a single white slice against a dark background. The slice represents 46% of the total. The text 'Federal Receipts 46%' is written inside the slice.

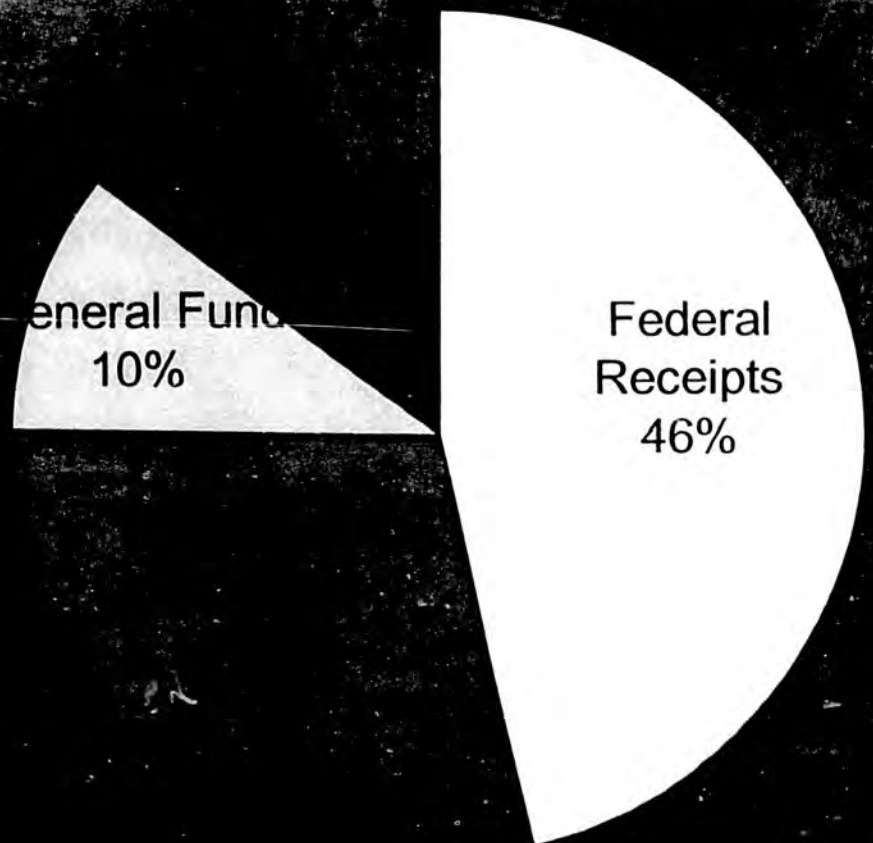
Sport Fish Funding Sources

- Federal receipts
- Fish & Game fund
 - sport fish license sales
 - king salmon stamp sales



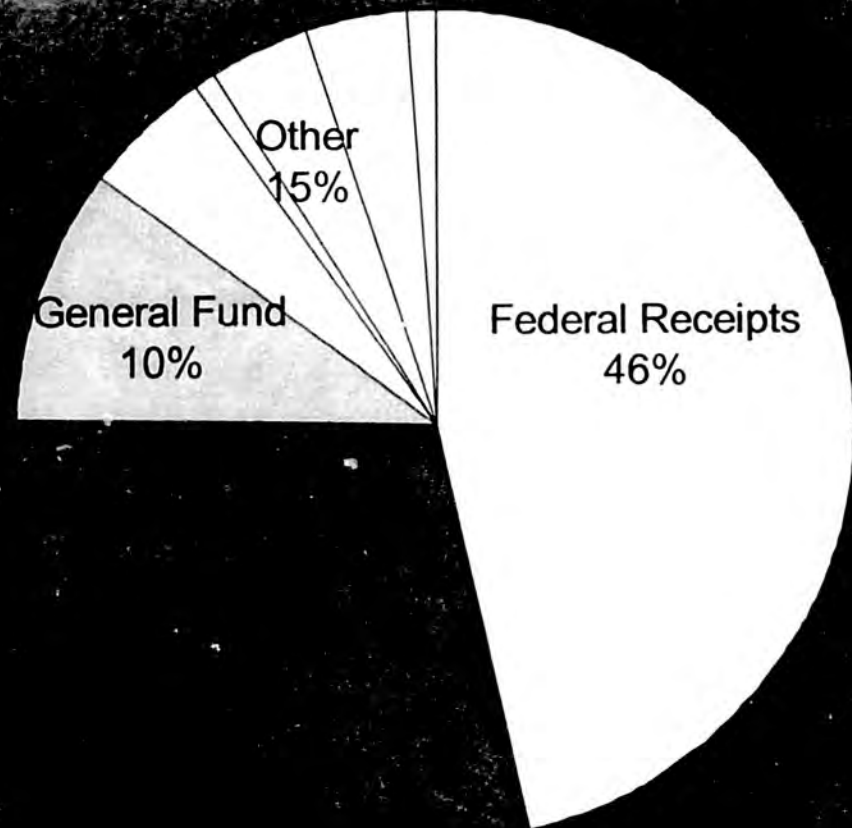
Sport Fish Funding Sources

- Federal receipts
- Fish & Game fund
- General fund



Sport Fish Funding Sources

- Federal receipts
- Fish & Game fund
- General fund
- Other sources



Sport Fishing Statistics

- 492,086 anglers
- 487,000 sport fish licenses
- 2,464,000 angler-days
- \$423,139,000 expenditures

Sources:

Division of Sport Fish 2005 Statewide Harvest Survey
US Fish & Wildlife Service



Angler fishing remote river from raft.

Sport Fish Organization

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



King salmon derby, Ketchikan.

Sport Fish Offices & Employees

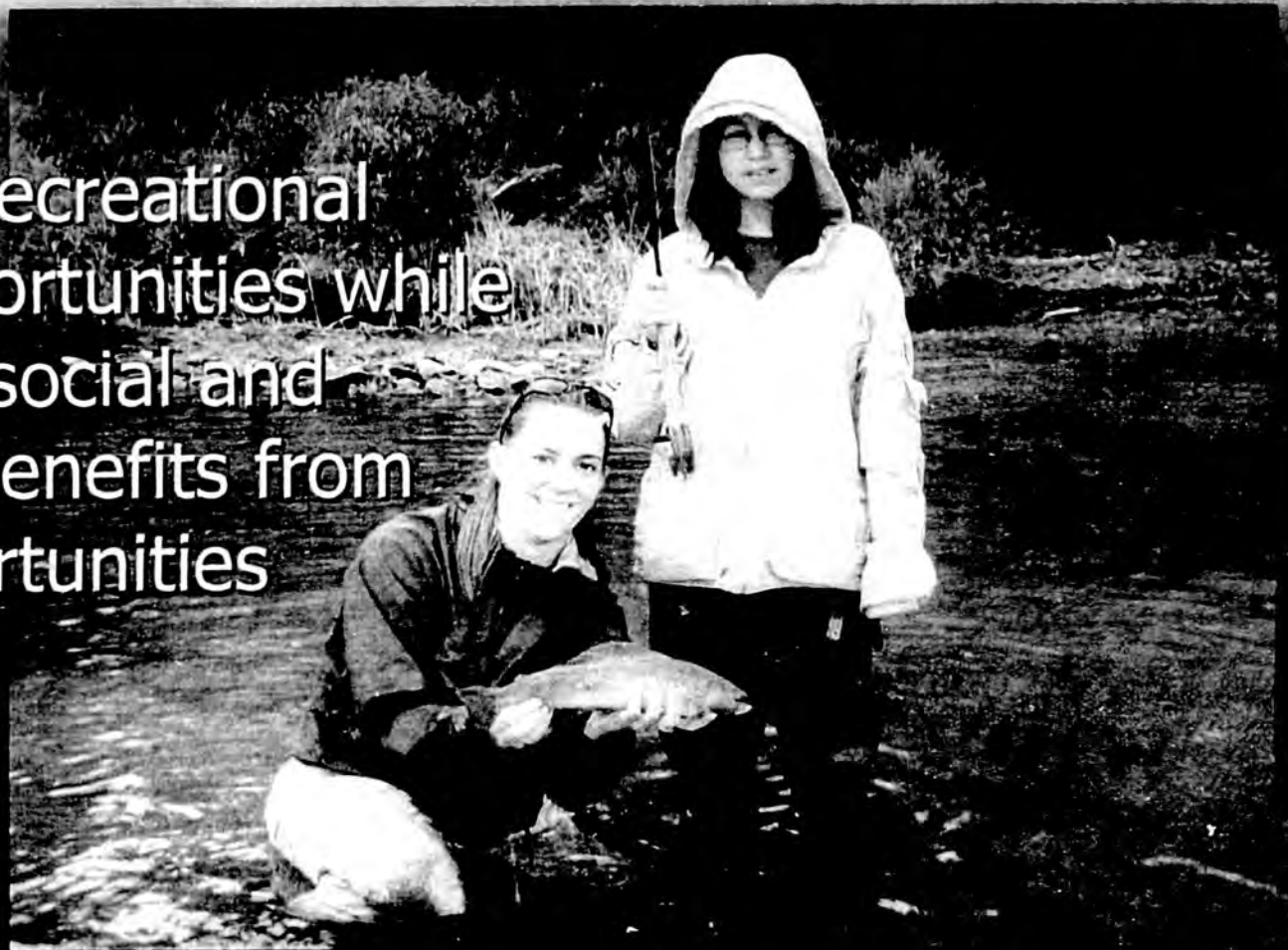
- 3 regional offices and headquarters
- 22 area offices
- 245 permanent employees
- 216 seasonal employees



Anchorage Regional Sport Fish Information Center.

Sport Fish 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, Dillingham area.

Sport Fish Targets & Measures

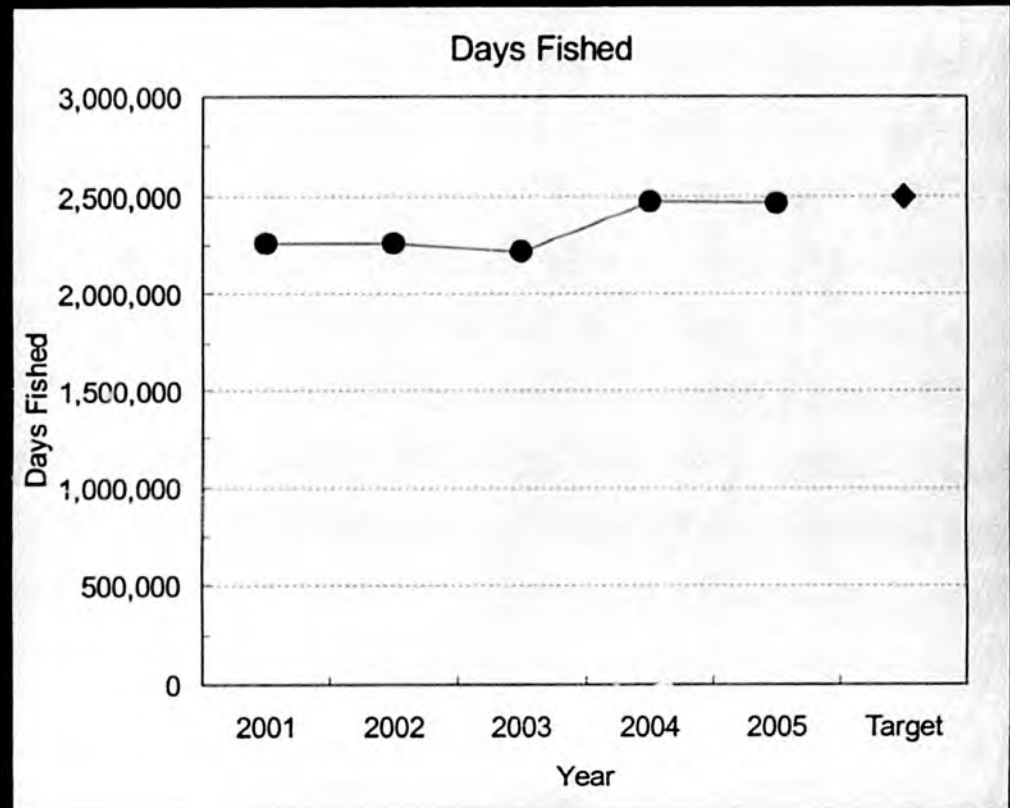
- Target 1: Provide 2.5 million angler days and sell 450,000 licenses



Young angler with his catch, Anchorage Youth-Only fishery.

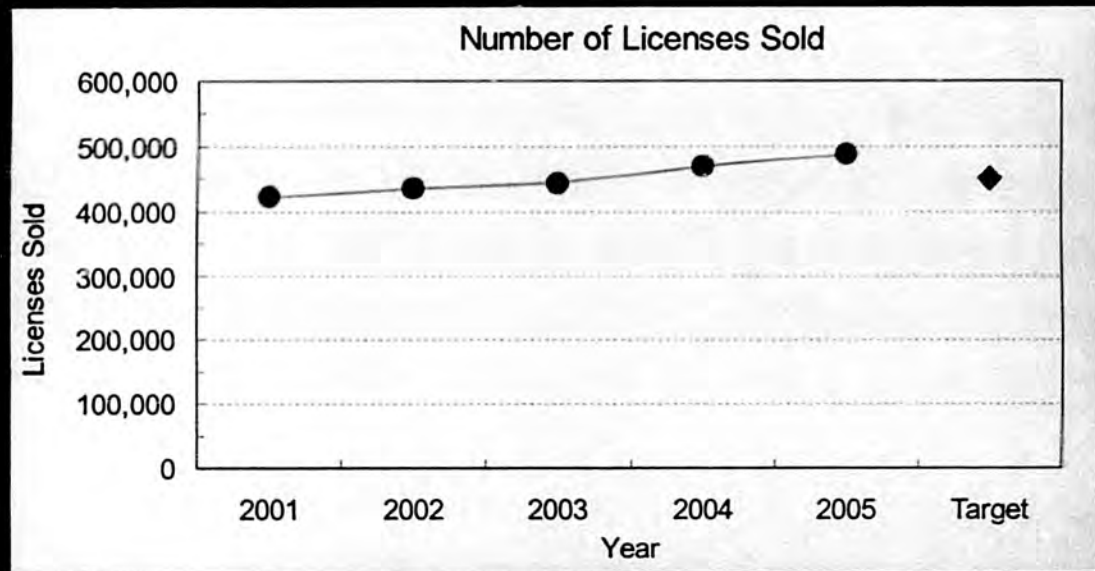
Sport Fish Targets & Measures

- Target 1: Provide 2.5 million angler days and sell 450,000 licenses
 - Number of angler days met



Sport Fish Targets & Measures

- Target 1: Provide 2.5 million angler days and sell 450,000 licenses
 - Number of angler days met
 - Number of licenses exceeded



Sport Fish Targets & Measures

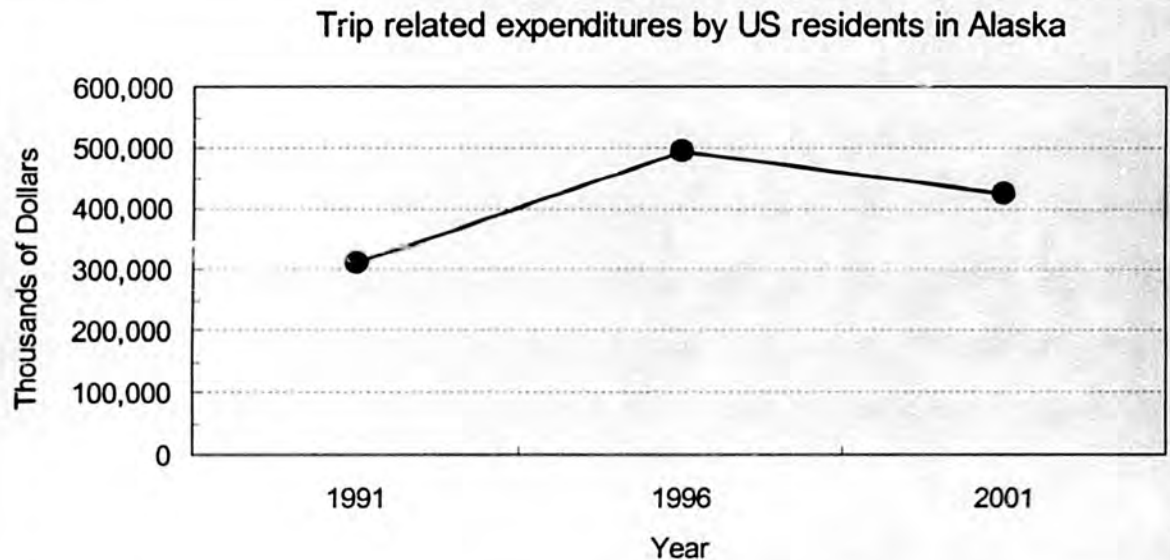
- Target 2: A positive trend in trip related expenditures as measured by the National Survey of Hunting and Fishing



Adults learning to tie flies, Mobile Aquatic Education Classroom.

Sport Fish Targets & Measures

- Target 2: A positive trend in trip related expenditures as measured by the National Survey of Hunting and Fishing
 - Increased over past 10 years



Sport Fish Targets & Measures

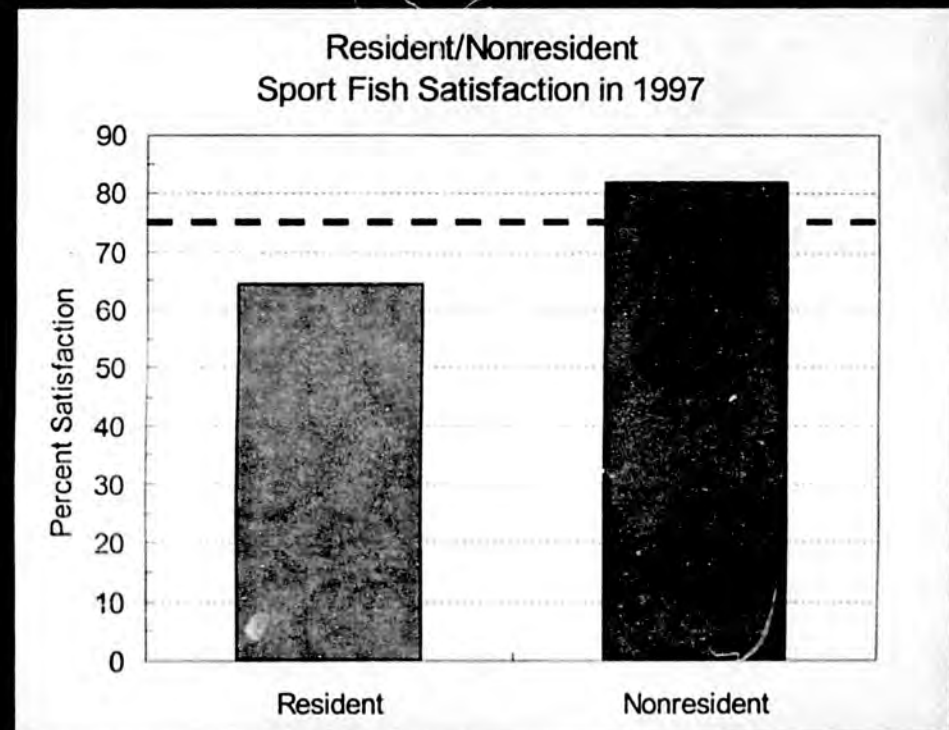
- Target 3: Increase to at least 75% the number of anglers that are satisfied with the variety of recreational fisheries experiences available



Fish printing with students, Kodiak village schools.

Sport Fish 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



Types of fisheries

- Sport fisheries



Young angler at Quartz Lake near Fairbanks.

Types of fisheries

- › Sport fisheries
- › Personal use fisheries



Alaskan families dip netting for salmon, Kenai River.

Types of fisheries

- Sport fisheries
- Personal use fisheries
- Educational fisheries



Kenaitze students studying salmon.

Fisheries diversity

- High-use road-accessible fisheries



Anglers fishing Montana Creek, Parks Highway.