

**SB**

**294**

<target><bill>SB 294</bill><subject>SB  
294</subject><comm>HFIN26</comm></target>

# ALASKA STATE LEGISLATURE

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Co-Chair  
Senate Resources Committee

Member  
Senate Judiciary Committee  
Joint Armed Services Committee

Senator.Lesil.McGuire@legis.state.ak.us

## SENATOR LESIL MCGUIRE SPONSOR STATEMENT FOR SENATE BILL 294

*"An Act repealing the termination date of the licensing of sport fishing operators and sport fishing guides; and providing for an effective date."*

Senate Bill 294 will ensure the continuation of Alaska's sport fish guide licensing and reporting program. Legislation authorizing the program was passed in 2004 and the program has proven beneficial to both the sport fishing industry and resource managers. With more than 1.8 million clients, 88% of whom are nonresidents, taking more than 460,000 guided fishing trips in Alaska annually; guided sport fishing has become an integral part of Alaska's tourism economy. In fact, a study commissioned by the Alaska Department of Fish and Game estimated that nonresident spending on sport fishing was more than \$650 million in 2007.

Since the program's inception, an average of 1,670 sport fishing business licenses and 1,981 sport fishing guide licenses have been sold annually. 90% of license holders are Alaska residents and the professionalization of the sport fishing guide industry has benefitted both the industry and the resource. The data collected through the program provides the information state and federal managers need to sustainably manage sport fish populations. The program also allows Alaska to receive an exemption from the National Saltwater Angler Registry; a federal program that would begin levying fees for registration in 2011.

Recognizing the importance of the program, the Alaska legislature extended the program's termination date for one year in 2009; SB 294 proposes to permanently repeal the program's associated termination language in existing statutes in order to allow this valuable program to continue serving Alaskans and their valuable fishery resources.

**Brief for SB294: SPORT FISH GUIDE LICENSES  
(Reauthorization of Program/Repeal of Sunset)  
April 16, 2010**

**Alaska Department of Fish and Game Contacts:**

Charlie Swanton - [Charles.Swanton@alaska.gov](mailto:Charles.Swanton@alaska.gov); phone: 465-6184 or 321-0955

Jennifer Yuhas - [Jennifer.Yuhas@alaska.gov](mailto:Jennifer.Yuhas@alaska.gov); phone: 465-6137 or 388-7951.

**Background:**

- Original legislation passed in May, 2004; effective January 1, 2005.
  
- Proposed by the Department for three main reasons:
  1. Information on guide numbers and their fishing activities was either not available or limited in many parts of the state;
  2. Establish minimum standards to operate a business or contract as a guide (safety, liability insurance, US Coast Guard license, etc.) as a means to increase professionalism and reduce speculative entry; and
  3. Provide comprehensive and credible data on guided sport fishing activities to regulatory agencies: Alaska Board of Fisheries (BOF), International Pacific Halibut Commission (IPHC), and North Pacific Fisheries Management Council (NPFMC).

**Legislation:**

**Sec.16.40.260** Sport fishing operator license;

**Sec.16.40.270** Sport fishing guide license;

**Sec.16.40.280** Reports;

**Sec.16.40.290** Penalties for violations.

These legislative sections include licensing provisions and fees (AS. 16.05.340(a)) for sport fishing business owners (\$100), sport fishing guides working for the business (\$50), and business owners who are also a guide (owner/operator combo \$100). The mandatory reporting requirements, logbooks, are for both fresh and saltwater guide activities (freshwater logbooks were instituted in 2005). The penalties for sport fish guiding violations by business owners and guides include possible revocation of their license.

**Companion Regulations:**

**5 AAC 75.075** Sport fishing services and sport fishing guide services; license requirements; regulation of activities.

**5 AAC 75.076.** Sport fishing services and sport fishing guides reporting requirements.

**5 AAC 75.077.** Sport fishing guide vessel registration requirements.

### **Present Benefits and Utility:**

- A comprehensive list of all sport fishing guides working in salt water is part of the data requirements that will allow Alaska to receive an exemption from participating in the National Saltwater Angler Registry (up to \$25/saltwater angler in 2011).
- The logbook data for saltwater anglers has been used extensively within the IPHC and NPFMC for rule making on Pacific Halibut.
- Both freshwater and saltwater logbook harvest data has been presented and utilized by the Alaska Board of Fisheries. Harvest estimate verification studies are being conducted comparing logbook, statewide sport fish harvest survey, and dock side creel programs.

### **Participation Statistics:**

- An average of **1,647 sport fishing business licenses** (including owner/operator combo) have been sold (2005-2009); 90% of owners are Alaskan residents.
- An average of **1,882 sport fishing guide licenses** have been sold (2005-2009); 73% of guides are Alaskan residents.
- Based on logbook data, over **2.1 million clients took 536,960 guided fishing trips** (from 2005 through 2009); 67% of clients fished in saltwater, 33% fished in freshwater and 88% of all clients were nonresidents.
- An average of **1,334 vessels in saltwater** were used for guided fishing trips (2005-2009).

### **Electronic Reporting (Modernization initiative):**

- One of Commissioner Lloyd's initiatives is modernization and timely reporting of recreational harvest data. We have been actively working on this task:
  - In July, 2009 we developed a scannable saltwater logbook form which will reduce the time lag when logbook data is available from 2 to 3 months to 1 to 2 weeks. This new form will be employed for saltwater forms statewide in 2010. Ten public meetings were held across the state to explain this new format and received nearly unanimous support from user groups and public.
  - In April, 2010 the point of sale hunting and fishing licensing program will be launched at all ADF&G regional offices. This program will be made available to all license vendors shortly thereafter.
  - We will convert the freshwater logbook to a scannable format starting in 2011.



TRIP INFORMATION		
<input type="checkbox"/> Complete this section for every trip. Continue on additional pages for trips with more than eight anglers in the same day.		
<input type="checkbox"/> DATE FISHED: _____ / _____ / 2010 _____ <input type="radio"/> AM <input type="radio"/> PM <small>Month Day Hour Started</small>	<b>Targeted Species</b> Salmon: _____ Bottomfish: _____	<b>Primary Stat. Area</b> <small>Where most fish were caught</small> _____
<input type="checkbox"/> 2010 FISH & GAME GUIDE LICENSE #: _____ <small>(assigned to you by ADF&amp;G)</small>	<b>No. Of Boat Hours Fished</b> _____	
<input type="checkbox"/> COMMUNITY OR PORT OF OFF-LOADING: _____ <small>(where fish or clients were off-loaded from vessel)</small>		

INSTRUCTIONS: Complete one row below for each angler who fished on this trip.

INDIVIDUAL ANGLER AND CATCH INFORMATION			SALMON							BOTTOMFISH						
Record sport fishing license number, printed name AND AK residency status for each angler that fished this trip.  Include birthdate (e.g. 8/28/1998) for all anglers under 16.	AK Resident Non-Resident Comped Crew	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kept / Released	King (28" & larger)	King (under 28")	Coho	Sockeye	Other Salmon	Halibut	Lingcod	Pelagic Rockfish	Yelloweye Rockfish	Nonpelagic Rockfish (including Yelloweye)	Sablefish (Black Cod)	Salmon Shark	All Other Fish
			1. _____ License Number			K> [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
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Form 11-540 (01-2010)

CERTIFICATION

I certify that the information contained in this document is true and correct to the best of my knowledge.

X

GUIDE SIGNATURE

PAGE

OF

10



# FISCAL NOTE

STATE OF ALASKA  
2010 LEGISLATIVE SESSION

Fiscal Note Number: \_\_\_\_\_  
Bill Version: HCSCSSB294  
( ) Publish Date: \_\_\_\_\_

Identifier (file name): HCSCSSB294-DFG-SFD-04-17-10 Dept. Affected: ADFG  
Title An act repealing the termination of the sport fish operator/guide/vessel program RDU Sport Fisheries  
Component Sport Fisheries  
Sponsor Senator McGuire  
Requester (H)FIN Component Number 464

**Expenditures/Revenues** (Thousands of Dollars)

Note: Amounts do not include inflation unless otherwise noted below.

	Appropriation Required	Information						
		FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
<b>OPERATING EXPENDITURES</b>								
Personal Services			337.1					
Travel			10.0					
Contractual			83.5					
Supplies			7.0					
Equipment								
Land & Structures								
Grants & Claims								
Miscellaneous								
<b>TOTAL OPERATING</b>		<b>0.0</b>	<b>437.6</b>					

<b>CAPITAL EXPENDITURES</b>								
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<b>CHANGE IN REVENUES ( )</b>								
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**FUND SOURCE** (Thousands of Dollars)

1002 Federal Receipts								
1003 GF Match								
1004 GF								
1005 GF/Program Receipts								
1037 GF/Mental Health								
Other Interagency Receipts			437.6					
<b>TOTAL</b>		<b>0.0</b>	<b>437.6</b>					

Estimate of any current year (FY2010) cost: 0.0

**POSITIONS**

Full-time								
Part-time								
Temporary								

**ANALYSIS:** (Attach a separate page if necessary)

The division has budgeted \$437.6 in the FY11 Governor's budget to administer the Sport Fish operator/guide/vessel program. The program generates average Fish & Game Fund revenues of \$242.8, with the balance of program expenditures funded with Sport Fishing license sale revenue. Although potential cost savings measures are being implemented, it is untenable at this time to make accurate projections on what monetary savings will be realized for this program over the upcoming years.

The out years have been adjusted to reflect changes made by the House Finance Committee

Prepared by: Jennifer Yuhas, Legislative Liaison Phone 465-6137  
Division Commissioner's Office Date/Time 4/17/10 11:30 AM  
Approved by: Tom Lawson, Director Date 4/17/2010  
Administrative Services

Adopted 4/16/10

CONCEPTUAL AMENDMENT # 1

OFFERED IN HOUSE FINANCE

BY REPRESENTATIVE

St/He

To: CS SB 294 (FIN)

Page 1, line 9 following "January 1,"

Delete "2017"

Insert "~~2013~~ 2012" "2012"

Renumber accordingly.

~~WTC/OPS~~

**Brief for SB 294: SPORT FISH GUIDE LICENSES**  
**(Resident/Nonresident Differential License fees)**  
**April 8, 2010**

**Alaska Department of Fish and Game Contacts:**

Charlie Swanton- [Charles.Swanton@alaska.gov](mailto:Charles.Swanton@alaska.gov); phone: 465-6184 or 321-0955  
Jennifer Yuhas - [Jennifer.Yuhas@alaska.gov](mailto:Jennifer.Yuhas@alaska.gov); phone: 465-6137 or 388-7951.

**Background:**

- At a Senate Resources Committee meeting on March 24, 2010, the Department was instructed to investigate charging Sport fishing Owner/Operators and Guides differentially based upon residency.
- We consulted with the Commercial Fisheries Entry Commission and Department of Law personnel familiar with the Carlson Case.
- A cursory analysis using Southeast Alaska Sport fishing use and participation statistics is employed as an example.

**Legislation:**

**Sec.16.40.260** Sport fishing operator license;

**Sec.16.40.270** Sport fishing guide license;

**Sec.16.40.280** Reports;

**Sec.16.40.290** Penalties for violations.

Licensing provisions and fees (AS. 16.05.340(a)) for sport fishing business owners (\$100), sport fishing guides working for the business (\$50), and business owners who are also a guide (\$100).

**Sec. 16.43.160(c) Fees.**

This section offers instruction to the Commercial Fisheries Entry Commission for establishing annual fees charged for renewal of entry permits or interim-use permits.

The law requires that the state establish the annual nonresident surcharge by regulation "at an amount that is as close as practicable to the maximum allowed by law" and must be calculated using the Court's formula and hence costs and expenditures that were determined by the Court that could be included.

**Differential fees (Simplified Southeast Alaska Example):**

- Calculation of nonresident surcharge: expenditures paid by residents that are not paid by nonresidents, in this case for guided anglers:
  - In FY10 Sport Fish Division spent \$4.78 million on fisheries management projects, while 34% of sport fishing effort was conducted by guided anglers.
    - \$4.78 million X 0.34=\$1.67 million was spent on fisheries benefitting guided anglers, owners, guides and businesses.

- \$1.67 million divided by 698,000 Alaska residents=\$2.40 which represents the per capita cost that an Alaskan pays to support sport fisheries management that a nonresident does not pay.

*The \$2.40 nonresident surcharge could be applied to business owner/operator and guide license fees of \$100 and \$50 respectively according to provisions of the Carlson Case based upon constitutional principles that apply to the regulation of livelihoods, rather than just fishing opportunity.*

- Calculation of nonresident owner/operator and guide license revenue:
  - In 2009 10% (456 licenses) of sport fishing business owners and 28% (319) of fishing guides were nonresidents.
  - The revenue generated would be  $\$2.40 \times 775 (456+319) = \$1,860$  dollars per year.

# FISCAL NOTE

STATE OF ALASKA  
2010 LEGISLATIVE SESSION

Fiscal Note Number: 1  
Bill Version: SB 294  
(S) Publish Date: 3/26/10

Identifier (file name): SB294-DFG-SFD-03-10-10 Dept. Affected: ADFG  
Title An act repealing the termination of the sport fish operator/guide/vessel program RDU Sport Fisheries  
Component Sport Fisheries  
Sponsor Senator McGuire  
Requester Resources, Finance Component Number 464

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Note: Amounts do not include inflation unless otherwise noted below.

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Supplies		7.0	7.0	7.0	7.0	7.0	7.0	7.0
Equipment								
Land & Structures								
Grants & Claims								
Miscellaneous								
<b>TOTAL OPERATING</b>	<b>0.0</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>

<b>CAPITAL EXPENDITURES</b>								
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Prepared by: Charles O. Swanton, Director  
Division: Sport Fisheries  
Approved by: Tom Lawson, Director  
Administrative Services

Phone 465-6184  
Date/Time 3/10/10 4:00 PM  
Date 3/11/2010

**Brief for SB 294: SPORT FISH GUIDE LICENSES**  
**(Reauthorization of Program/Repeal of Sunset)**  
**March 10, 2010**

**Alaska Department of Fish and Game Contacts:**

Charlie Swanton- [Charles.Swanton@alaska.gov](mailto:Charles.Swanton@alaska.gov); phone: 465-6184 or 321-0955

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### **Present Benefits and Utility:**

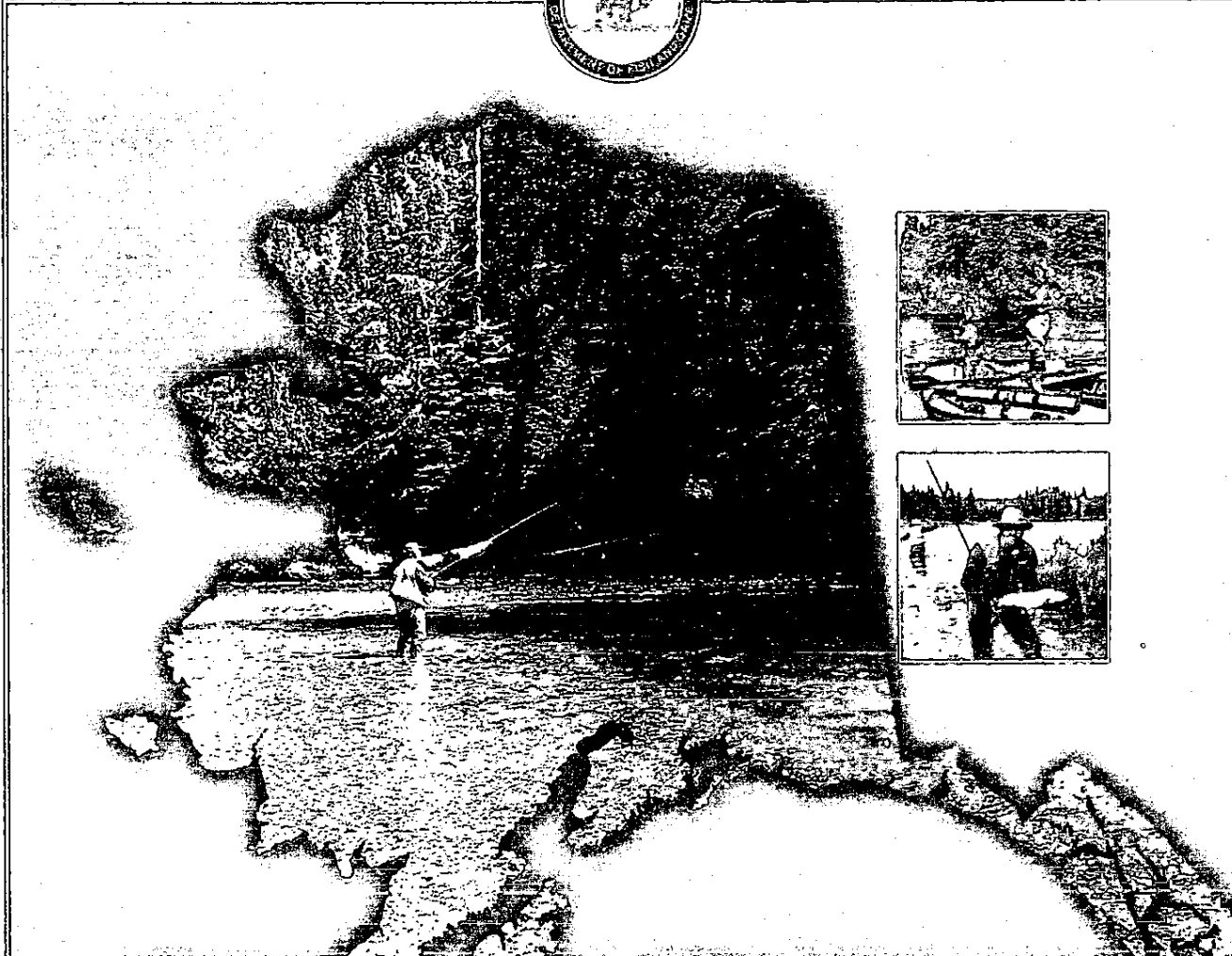
- A comprehensive list of all sport fishing guides working in salt water is part of the data requirements that will allow Alaska to receive an exemption from participating in the National Saltwater Angler Registry (up to \$25/saltwater angler in 2011).
- The logbook data for saltwater anglers has been used extensively within the IPHC and NPFMC for rule making on Pacific Halibut.
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  - In April, 2010 the point of sale hunting and fishing licensing program will be launched at all ADF&G regional offices. This program will be made available to all license vendors shortly thereafter.
  - We will convert the freshwater logbook to a scannable format starting in 2011.



# ECONOMIC IMPACTS AND CONTRIBUTIONS OF SPORTFISHING IN ALASKA



2 0 0 7 R E P O R T



# *A Message from the Director*

**CHARLIE SWANTON, DIRECTOR  
ADF&G, DIVISION OF SPORT FISH**

Alaska supports arguably some of the finest and most diverse sportfishing in the world. These opportunities provide Alaskans with a significant and sustainable source of food, relaxation, and social benefits. Additionally, the money spent by residents and visitors who participate in sportfishing activities produces significant economic benefits to Alaska.

The Division of Sport Fish is committed to providing an array of biological, social and economic information to fishery managers and fishery regulators who plan and evaluate fishery projects and make informed decisions about the management of fishery resources.

This report summarizes a recent effort by the Division to provide estimates of angler spending in Alaska and the contribution it makes to Alaska's economy. The results are based on an extensive statewide study of resident and nonresident anglers who went sportfishing in Alaska during 2007. The report contains estimates of the total expenditures on sportfishing by anglers and estimates of the subsequent economic effects this spending had in terms of employment, wages, salaries and tax receipts.

A key objective of this project was to establish a consistent and repeatable methodology for collecting and reporting estimates of economic contribution in Alaska such that reasonably precise estimates would be routinely available to agency personnel, fisheries decision-makers, and the public.

We hope that you find the following information useful and that it contributes to well-informed decision making.



# Sportfishing in ALASKA

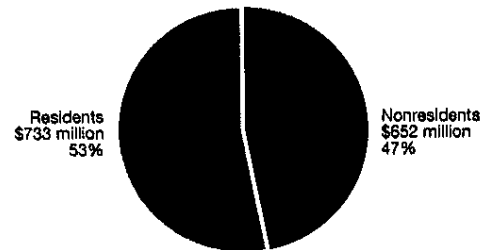
Sportfishing is an important component of the Alaskan economy. It contributes to the well-being of Alaskans as recreation, as a source of food, and as part of the state's collective economic fabric. In 2007, 190,644 Alaska residents bought a fishing license, along with 284,890 nonresidents.

Spending a day fishing with rod and reel usually involves spending at least some money for travel, equipment, and supplies. Because a large number of anglers—both resident and nonresident—spend many days each year enjoying Alaska's diverse fishing opportunities, the annual total of that spending is substantial.

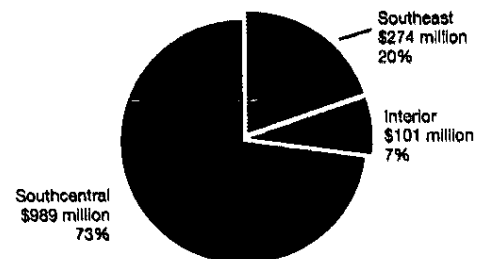
The money spent by anglers in turn helps to support thousands of Alaskan jobs in industries ranging from fishing tackle sales to hospitality and lodging to air taxi and guide services which are an important part of the economy in many of Alaska's local communities. At the same time, angler spending is also creating federal, state and local tax revenues which support local and borough governments and help pay for fisheries management in Alaska.

## TOTAL SPORTFISHING EXPENDITURES, ALL ANGLERS

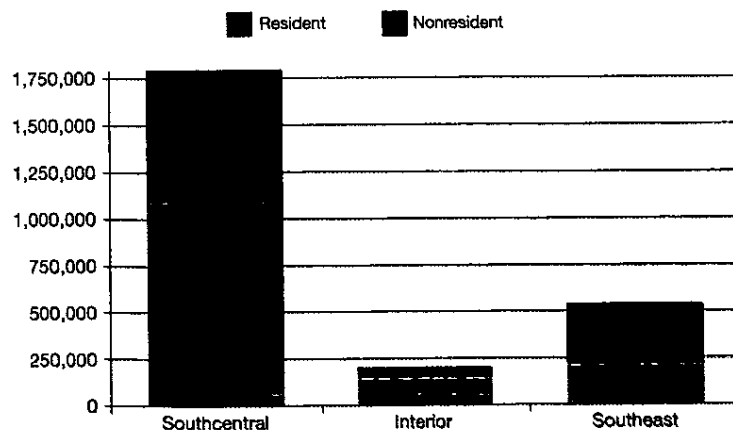
\$1.4 billion



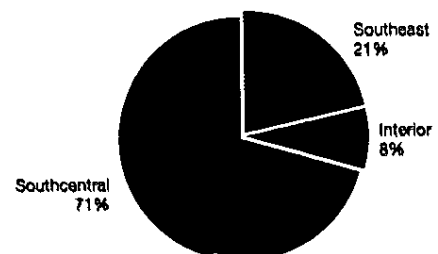
## SPORTFISHING EXPENDITURES BY REGION, ALL ANGLERS



## DAYS OF SPORTFISHING IN ALASKA BY REGIONS AND RESIDENCY, 2007



## DAYS OF SPORTFISHING BY REGION, ALL ANGLERS





## **Economic Impact vs. Economic Contribution**

*This project measured and reported the economic impacts and contributions of licensed anglers to Alaska's state and regional economies. The words "impact" and "contribution" are not necessarily synonymous.*

*Economic impact typically refers to the effects of money being brought in from outside the state or region. It was possible to estimate the total amount of resident and nonresident spending in Alaska as a whole and within specific regions by combining the economic survey results with the ADF&G Statewide Harvest Survey results.*

*Economic contribution refers to in-state spending by all anglers. In theory, if the dollars spent by resident anglers were not spent on sportfishing, the same money would be spent on other things and would still stimulate economic activity. It isn't possible to accurately predict whether these local dollars would be spent in or outside of Alaska.*

*This study generated both economic impact estimates (non-resident spending) as well as estimates of the economic contributions of spending by Alaska anglers in 2007.*

# *Economic* **IMPACTS** & *Contributions*

The purpose of the study was to obtain current estimates of the economic contribution of sportfishing activities to the Alaska economy and to develop a consistent method for producing such estimates on a regular basis. This project provides a survey-based process that can now be updated periodically at reasonable cost.

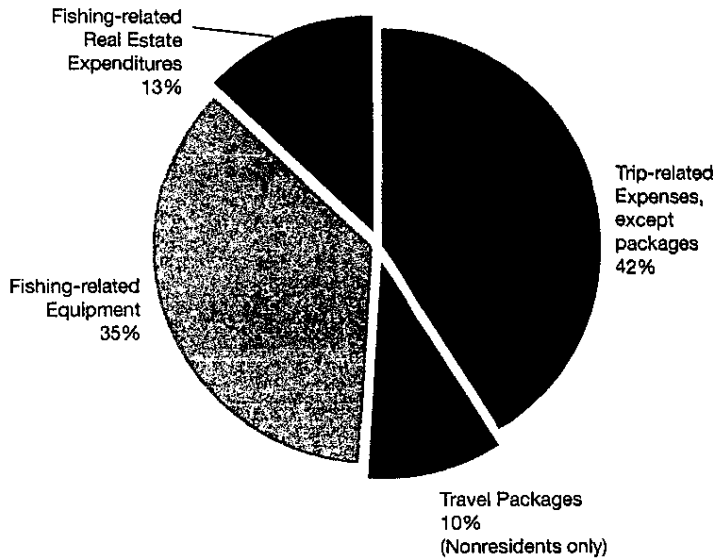
For 2007, the year covered by this report, 1,163 resident and 1,807 nonresident surveys were completed by anglers who fished in Alaska. From the survey responses collected, estimates of how much each angler spends per day of fishing and per year on fishing-related equipment were produced. These survey results were combined with the total number of licensed anglers in 2007 and the total days of fishing in Alaska as estimated by the Division's Statewide Harvest Survey. This survey, conducted every year by the Division, tracks annual sportfishing participation and harvest. By combining the economic survey results with the Statewide Harvest Survey results, it was possible to estimate the total amount of resident and nonresident spending in Alaska as a whole and within specific regions of the state.

An economic model was then used to estimate the additional economic effects that angler spending produced within each region of the state. Using the collective dollars spent by anglers, an economic model known as IMPLAN estimated the total jobs, tax revenues and other economic contributions. Regional as well as statewide totals can be determined and are summarized in the following pages. Information on the dollars associated with guided fishing trips and with nonresident fishing is also included. First, here are some statewide highlights.

# Total Resident and Nonresident Sportfishing Expenditures, by Category

	Resident Anglers	Nonresident Anglers	All Anglers
Licenses and Fees	\$6,627,558	\$16,536,955	\$23,164,513
Trip Expenditures (non-package)	\$2,197,829,151	\$347,358,999	\$567,188,150
Package Expenditures	n/a	\$137,519,700	\$137,519,700
Equipment Expenditures	\$433,693,104	\$41,985,450	\$475,678,554
Real Estate Expenditures	\$73,139,537	\$109,697,619	\$182,837,156
<b>Total Expenditures</b>	<b>\$733,289,349</b>	<b>\$652,498,723</b>	<b>\$1,385,788,072</b>

**TOTAL ANGLER SPENDING BY CATEGORY**

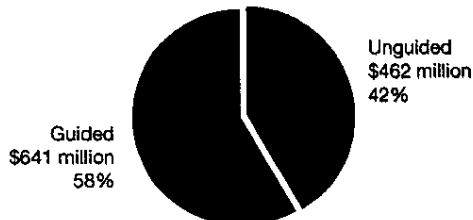


## Average Per Day Expenditure for Trip-Related Items Only, Including Package Trips

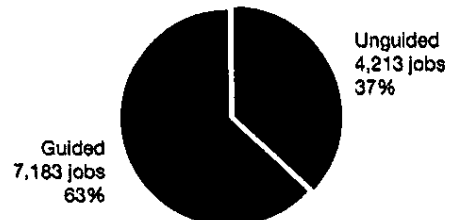
(Lodging, fuel, food, travel packages, etc.)

	Per Day
<b>All Alaska Fishing Combined</b>	<b>\$277.46</b>
Residents Only	\$150.63
Non-Residents Only	\$448.78
<b>Saltwater</b>	
Residents, Unguided	\$162.61
Residents, Guided	\$466.53
Non-Residents, Unguided	\$209.40
Non-Residents, Guided	\$744.03
<b>Freshwater</b>	
Residents, Unguided	\$91.73
Residents, Guided	\$509.56
Non-Residents, Unguided	\$213.24
Non-Residents, Guided	\$790.41

**ECONOMIC ACTIVITY, OR MULTIPLIER EFFECT: SUPPORTED BY GUIDED AND UNGUIDED FISHING TRIPS**  
Trip-related and Package Expenditures\*



**JOBS: SUPPORTED BY GUIDED AND UNGUIDED FISHING TRIPS**  
Trip-related and Package Expenditures\*



\*Only trip related expenditures (food, fuel, lodging, etc.) could be divided into guided and unguided portions. It was not possible to divide equipment expenditures in such a manner.



## How Economic Effects Occur

While the economic effects of sportfishing occur on a large scale statewide, it's important to note that they happen one angler at a time.

Suppose, for example, that a construction worker in downtown Anchorage decides to go fishing on his day off. He stops after work at the local tackle shop and spends \$250 for a rod and reel along with some line, lures, a knife and cooler. Sandwiches, soda, and ice for the trip come from the local grocery store, and he spends still more money to fill his vehicle with gas on the way home. Very early the next morning, he starts the 150-mile drive out the Seward and Sterling highways to the Kenai River where he'll fish for king or coho salmon.

Meanwhile, the money he left behind goes to work. Some of the money he spent for fishing gear helps to pay the wages of a sales clerk, for example, who in turn spends some that evening at a local restaurant, to buy groceries, or pays his utility bill at the local light and power company. These payments, known collectively as the "multiplier effect", help to support still other jobs as the money our angler spent ripples outward in many directions through the local economy, even to those sectors not directly related to fishing. See page 11 for more definitions.

# Regional Economic EFFECTS

Economic effects can be measured regionally and locally as well as statewide. Alaska has several distinct regions, each with its own characteristic sport fisheries that show different patterns in angling participation, spending, and economic effects.

## STATEWIDE RESULTS

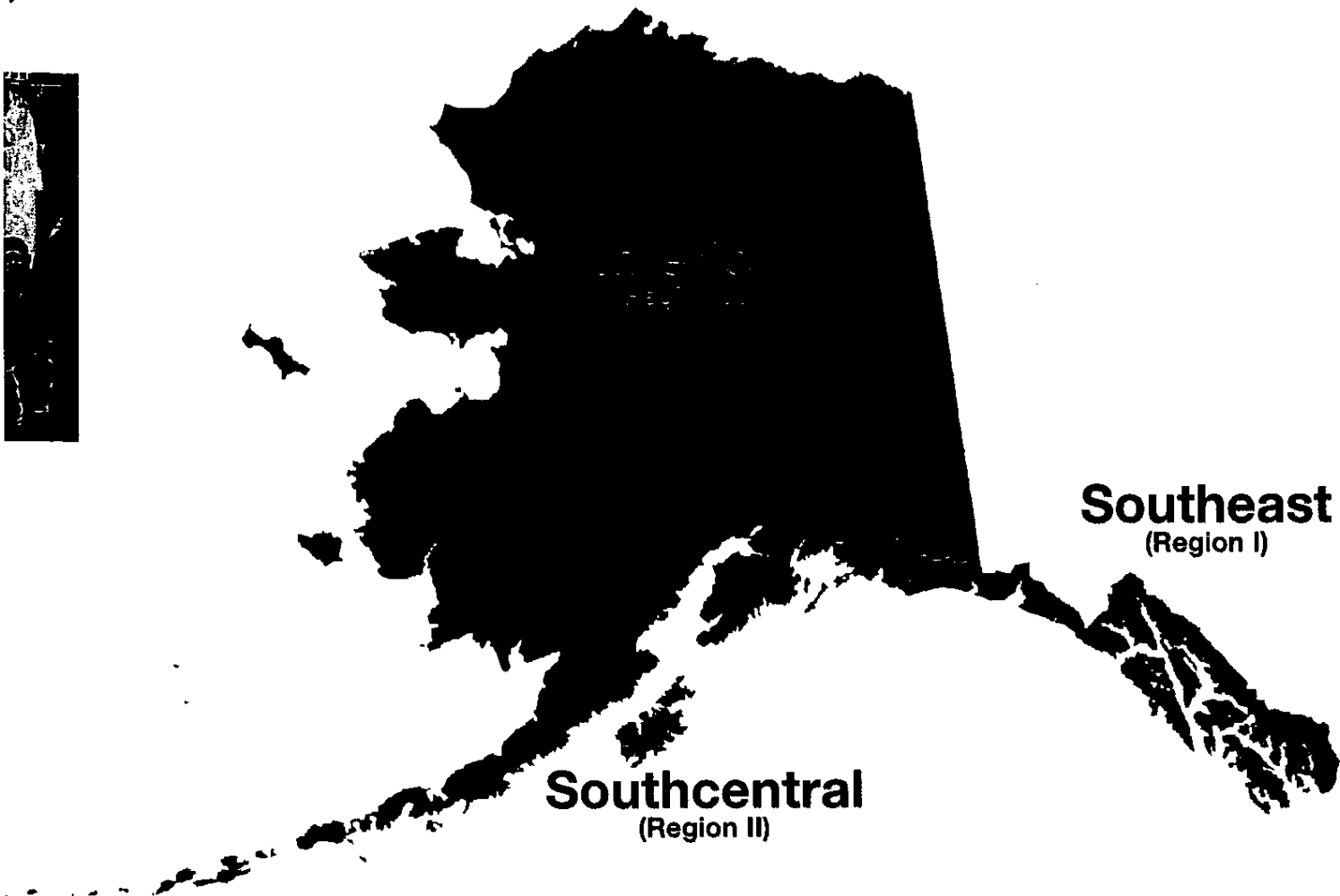
Alaska is blessed with many world-class freshwater and marine fisheries. In 2007, resident and nonresident anglers spent nearly \$1.4 billion on equipment, boats, and trip-related and other items. Alaska anglers on average spent \$2,914 on sportfishing trip expenses, fishing-related equipment, licenses, and other items in 2007. The actual amount spent per angler varies based on his or her preferred fishing locations, region, and more. Details are available in the technical report (see sidebar on page 8).

As anglers' expenditures exchange hands, economic contributions are generated statewide. In 2007, these contributions amounted to 15,879 jobs, \$246 million in tax revenues and \$545 million in income. Economic output, which is the value of all goods and services produced by businesses as a result of anglers' expenditures, was just over \$1.6 billion.

## SOUTHEAST (REGION 1)

The so-called Panhandle area extending roughly from Yakutat south-southwest through Juneau and Ketchikan to the British Columbia border is a complex maze of islands, straits, and mountains. The saltwater salmon fishing here is outstanding, although some anglers find steelhead, along with river-resident trout, to be just as appealing.

Total spending by all anglers, resident and nonresident combined, for Southeast Alaska in 2007 was estimated to be \$274 million. The total economic output came to \$295 million, which supported 3,063 jobs and generated \$22 million in state and local taxes.



### SOUTHEAST MARINE (SUBREGION)

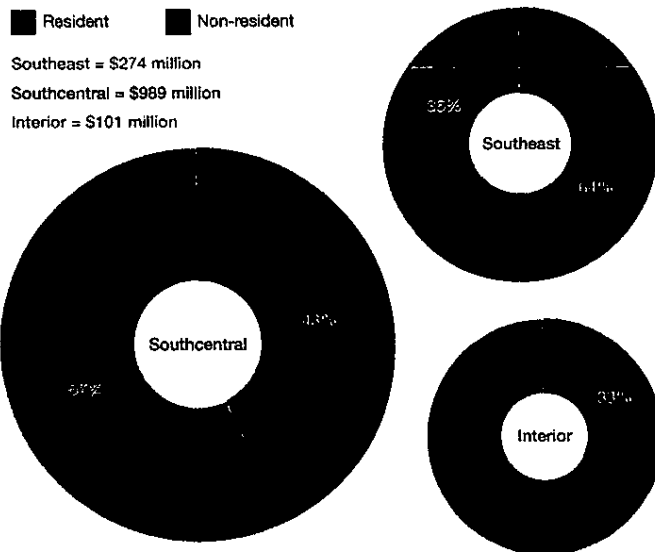
Within southeast Alaska, the popularity of salt-water fishing accounted for almost half of all angler spending. Saltwater anglers in southeast Alaska spent \$132 million of the \$274 million spent on sportfishing in southeast Alaska in 2007, which supported 1,897 jobs and created \$14 million in state and local tax revenues.

### SOUTHCENTRAL (REGION II)

This is by far the most popular angling region in Alaska as measured in total angler days. It includes Prince William Sound, Cook Inlet and the Anchorage area, as well as Kodiak Island and the Bristol Bay area to the west of Cook Inlet. All five salmon species are fished widely here in both salt- and fresh-water, along with halibut and other saltwater species. Trophy rainbow trout in the various Bristol Bay drainages are world-famous.

Anglers spent \$989 million in the Southcentral region in 2007, supporting 11,535 area jobs and creating \$91 million in state and local taxes.

### RESIDENT AND NONRESIDENT EXPENDITURES BY REGION



Economic measures reported in this chart are based on regional IMPLAN model outputs using 2007 angler expenditures.



## For More Details...

*This report is a summary of a 300 page technical report available free from the Alaska Department of Fish and Game, Division of Sport Fish. The complete report presents detailed descriptions of the methods and data sources used in the study, as well as the complete results. Visit [www.sf.adfg.state.ak.us/statewide/economics](http://www.sf.adfg.state.ak.us/statewide/economics) to download a copy in PDF form. You may also contact the Department at (907) 267-2366, or [william.romberg@alaska.gov](mailto:william.romberg@alaska.gov), to request a printed copy of the report.*

# Regional Economic **EFFECTS** (cont.)

## **COOK INLET (SUBREGION)**

Notably, much of Southcentral's economic activity centers around the Cook Inlet area, partly because Anchorage and the Matanuska-Susitna valley are such large population centers with good fishing nearby. The Kenai River, for example, is an easy drive from Anchorage and is widely known among anglers as one of the world's foremost salmon rivers. In addition, there are large sport fisheries for halibut and other groundfish that are accessed from several communities that border Cook Inlet. In the Cook Inlet subregion alone (a subset of Southcentral region), anglers spent about \$733 million in 2007, which supported 8,056 jobs and generated \$55 million in state and local taxes.

## **INTERIOR (REGION III)**

Among anglers, the northern two-thirds of the state could be called the road less traveled. This vast area contains many small communities and sport fisheries located off the road system with fisheries less accessible than places farther south in the state. However, the fishing is none the less exceptional, and in addition to salmon and trout there are fisheries for unique species such as sheefish, arctic char, and burbot, as well as huge northern pike found in the "flats" region of the lower Yukon River.

Angling traffic here is lighter than in other regions of the state but still significant. Total regional spending by all anglers in this region topped \$101 million in 2007 and directly or indirectly supported 923 area jobs and \$7 million in state and local taxes.

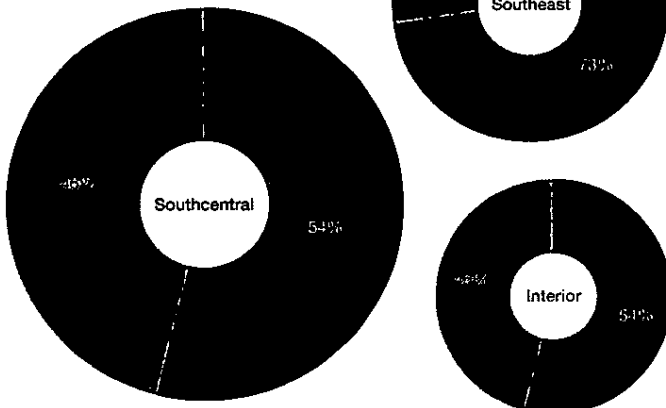


# Total Angler Expenditures \$1.4 Billion

## RESIDENT AND NONRESIDENT OUTPUT BY REGION

■ Resident ■ Nonresident

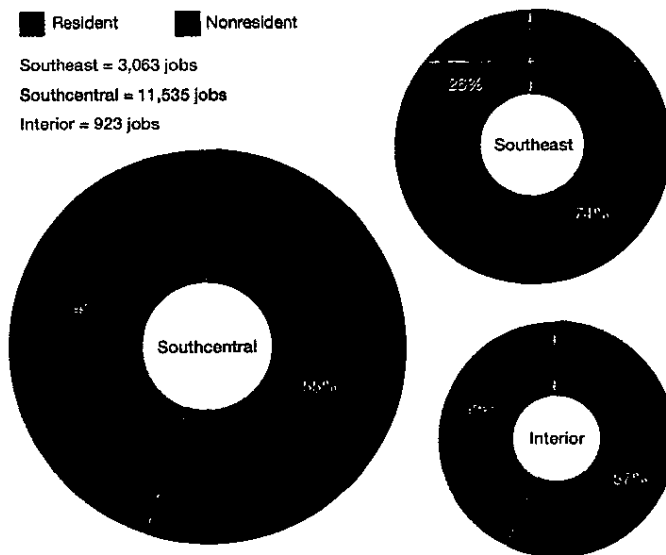
Southeast = \$295 million  
Southcentral = \$1.2 billion  
Interior = \$87 million



## RESIDENT AND NONRESIDENT EMPLOYMENT BY REGION

■ Resident ■ Nonresident

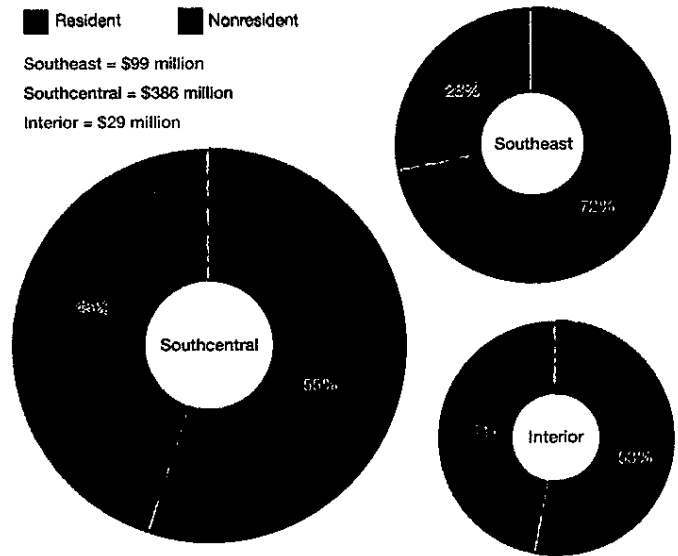
Southeast = 3,063 jobs  
Southcentral = 11,535 jobs  
Interior = 923 jobs



## RESIDENT AND NONRESIDENT INCOME BY REGION

■ Resident ■ Nonresident

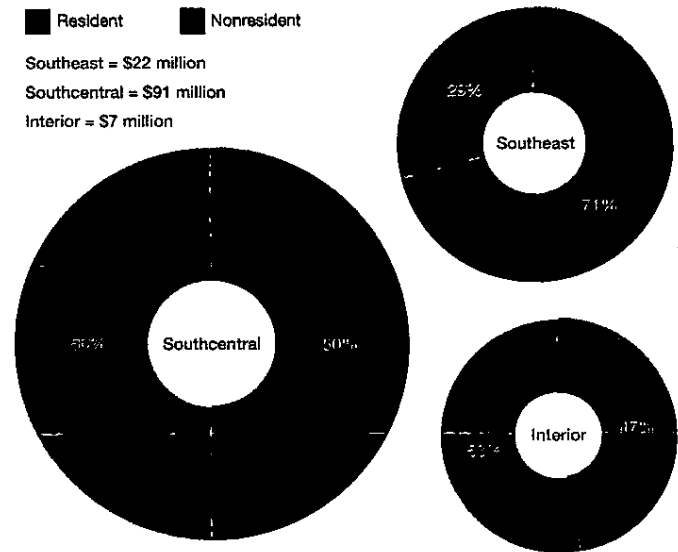
Southeast = \$99 million  
Southcentral = \$386 million  
Interior = \$29 million



## RESIDENT AND NONRESIDENT STATE & LOCAL TAX REVENUES BY REGION

■ Resident ■ Nonresident

Southeast = \$22 million  
Southcentral = \$91 million  
Interior = \$7 million



Sportfishing-related Jobs  
**15,879**

Economic measures reported in these charts are based on regional IMPLAN model outputs using 2007 angler expenditures. See page 11 for definitions of terms used on this page.

## Economic Contributions of Sportfishing in Alaska, by Residency & Region, 2007

	Resident Anglers	Nonresident Anglers	All Anglers
<b>ALASKA - STATEWIDE RESULTS</b>			
Anglers' expenditures	\$733,289,349	\$652,498,723	\$1,385,788,072
Output	\$668,729,829	\$938,863,856	\$1,607,593,685
Income	\$223,373,937	\$321,882,151	\$545,256,088
Jobs	6,442	9,437	15,879
Tax Revenues	\$107,433,533	\$138,881,701	\$246,315,114
<i>Local &amp; State</i>	\$56,509,573	\$66,632,831	\$123,142,404
<i>Federal</i>	\$50,923,959	\$72,248,870	\$123,172,709
<b>SOUTHEAST REGION</b>			
Anglers' expenditures	\$98,613,993	\$174,890,811	\$273,504,804
Output	\$79,385,025	\$215,874,985	\$295,260,010
Income	\$27,316,008	\$71,825,686	\$99,141,694
Jobs	791	2,273	3,063
Tax Revenues	\$12,227,368	\$31,368,564	\$43,595,932
<i>Local &amp; State</i>	\$6,376,236	\$15,686,783	\$22,063,019
<i>Federal</i>	\$5,851,132	\$15,681,782	\$21,532,913
<b>SOUTHCENTRAL REGION</b>			
Anglers' expenditures	\$560,955,071	\$427,603,048	\$988,558,119
Output	\$534,838,006	\$630,707,507	\$1,165,545,513
Income	\$174,829,996	\$211,633,737	\$386,463,733
Jobs	5,170	6,365	11,535
Tax Revenues	\$86,563,199	\$93,692,068	\$180,255,267
<i>Local &amp; State</i>	\$45,612,530	\$45,187,101	\$90,799,631
<i>Federal</i>	\$40,950,668	\$48,504,967	\$89,455,636
<b>INTERIOR REGION</b>			
Anglers' expenditures	\$67,092,727	\$33,467,910	\$100,560,637
Output	\$40,133,830	\$46,578,879	\$86,712,709
Income	\$13,263,706	\$15,300,176	\$28,563,882
Jobs	399	524	923
Tax Revenues	\$6,710,270	\$6,708,875	\$13,419,146
<i>Local &amp; State</i>	\$3,825,310	\$3,396,831	\$7,222,141
<i>Federal</i>	\$2,884,961	\$3,312,044	\$6,197,005
<p>Output = total economic activity generated by angler spending                      Income = salaries, wages, employee benefits and proprietors' profits stimulated by anglers                      Jobs = same as employment, these are the total number of both full-time and part-time jobs supported by angler spending                      Tax Revenues = the total personal and business tax revenues earned by local, state, and federal government that are generated by angler spending</p>			

## Economic Contributions of Sportfishing for Specific Subregions, 2007

	Resident Anglers	Nonresident Anglers	All Anglers
<b>COOK INLET (A SUBREGION OF THE SOUTHCENTRAL REGION)</b>			
Anglers' expenditures	\$457,938,464	\$275,030,511	\$732,968,975
Output	\$413,287,612	\$414,602,226	\$827,889,838
Income	\$136,650,136	\$142,124,416	\$278,774,552
Employment	4,010	4,046	8,056
Tax Revenues	\$67,097,024	\$44,445,496	\$111,542,520
<i>Local &amp; State</i>	<b>\$35,189,444</b>	<b>\$20,091,926</b>	<b>\$55,281,369</b>
<i>Federal</i>	\$31,907,580	\$24,353,570	\$56,261,150
<b>SOUTHEAST REGION - MARINE FISHING ONLY*</b>			
Anglers' expenditures	\$21,268,271	\$110,345,177	\$131,613,448
Output	\$28,244,412	\$138,794,141	\$167,038,552
Income	\$9,132,220	\$44,692,671	\$53,824,891
Employment	301	1,595	1,897
Tax Revenues	\$4,791,024	\$21,577,534	\$26,368,559
<i>Local &amp; State</i>	<b>\$2,713,584</b>	<b>\$11,473,357</b>	<b>\$14,186,941</b>
<i>Federal</i>	\$2,077,440	\$10,104,178	\$12,181,618
<small>Output = total economic activity generated by angler spending  Income = salaries, wages, employee benefits and proprietors' profits stimulated by anglers  Jobs = same as employment, these are the total number of both full-time and part-time jobs supported by angler spending  Tax Revenues = the total personal and business tax revenues earned by local, state, and federal government that are generated by angler spending  *The contributions are for trip spending only, including travel packages. It was not possible to allocate equipment and real estate expenditures by type of water fished.</small>			

### Definitions of Terms Used in this Report

**Angler Expenditures:** the dollars spent for the primary reason of sportfishing. Such expenditures include trip-related expenses for fishing (fuel, guide services, lodging, etc.), fishing tackle and other fishing equipment, the portion of ancillary equipment used for fishing that may have multiple uses (e.g., coolers, binoculars), and real estate maintenance and construction expenditures if used primarily for the pursuit of sportfishing.

**Total Multiplier Effect (also known as Total Economic Activity):** the results (measured in output, income, jobs and taxes) of the total rounds of business and consumer spending stimulated by anglers' original expenditures.

**Income:** generated as a result of anglers' expenditures, this includes total payroll, including salaries and wages, as well as benefits such as insurance, and retirement benefits paid to employees and business proprietors.

**Employment:** the total number of both full-time and part-time jobs supported as a result of anglers' expenditures.

**Tax Revenues:** the total tax revenues earned by local, state and federal governments as a result of anglers' expenditures. All forms of local, state and federal taxes are included.



# FISCAL NOTE

**STATE OF ALASKA**  
**2010 LEGISLATIVE SESSION**

Fiscal Note Number: 1  
 Bill Version: SB 294  
 (S) Publish Date: 3/26/10

Identifier (file name): SB294-DFG-SFD-03-10-10 Dept. Affected: ADFG  
 Title An act repealing the termination of the sport fish operator/guide/vessel program RDU Sport Fisheries  
 Component Sport Fisheries  
 Sponsor Senator McGuire  
 Requester Resources, Finance Component Number 464

**Expenditures/Revenues** (Thousands of Dollars)

Note: Amounts do not include inflation unless otherwise noted below.

	Appropriation Required	Information						
		FY 2011	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
<b>OPERATING EXPENDITURES</b>								
Personal Services		337.1	337.1	337.1	337.1	337.1	337.1	337.1
Travel		10.0	10.0	10.0	10.0	10.0	10.0	10.0
Contractual		83.5	83.5	83.5	83.5	83.5	83.5	83.5
Supplies		7.0	7.0	7.0	7.0	7.0	7.0	7.0
Equipment								
Land & Structures								
Grants & Claims								
Miscellaneous								
<b>TOTAL OPERATING</b>	<b>0.0</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>

<b>CAPITAL EXPENDITURES</b>								
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<b>CHANGE IN REVENUES ( )</b>								
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**FUND SOURCE** (Thousands of Dollars)

1002 Federal Receipts								
1003 GF Match								
1004 GF								
1005 GF/Program Receipts								
1037 GF/Mental Health								
Other Interagency Receipts		437.6	437.6	437.6	437.6	437.6	437.6	437.6
<b>TOTAL</b>	<b>0.0</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>	<b>437.6</b>

Estimate of any current year (FY2010) cost: 0.0

**POSITIONS**

Full-time								
Part-time								
Temporary								

**ANALYSIS:** (Attach a separate page if necessary)

The division has budgeted \$437.6 in the FY11 Governor's budget to administer the Sport Fish operator/guide/vessel program. The program generates average Fish & Game Fund revenues of \$242.8, with the balance of program expenditures funded with Sport Fishing license sale revenue. Although potential cost savings measures are being implemented, it is untenable at this time to make accurate projections on what monetary savings will be realized for this program over the upcoming years.

Prepared by: Charles O. Swanton, Director  
 Division: Sport Fisheries  
 Approved by: Tom Lawson, Director  
Administrative Services

Phone 465-6184  
 Date/Time 3/10/10 4:00 PM  
 Date 3/11/2010

**Special Publication No. 09-11**

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**Participation, Effort, and Harvest in the Sport Fish  
Business/Guide Licensing and Logbook Programs,  
2006-2008**

by

**Dora Sigurdsson**

and

**Bob Powers**

September 2009

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



*SPECIAL PUBLICATION NO. 09-11*

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*Division of Sport Fish Research and Technical Services, Anchorage*

Alaska Department of Fish and Game  
Division of Sport Fish, Research and Technical Services  
333 Raspberry Road, Anchorage, Alaska, 99518-1599

September 2009

# TABLE OF CONTENTS

	Page
LIST OF TABLES.....	ii
LIST OF FIGURES.....	ii
LIST OF APPENDICES.....	iii
ABSTRACT.....	1
BACKGROUND.....	1
Guide and Business Registration and Licensing.....	1
Logbooks.....	2
Vessel Registration.....	5
METHODS.....	5
Guide and Business Licensing.....	5
Logbook Data Collection.....	6
Saltwater Logbook Forms.....	8
Freshwater Logbook Forms.....	9
Logbook Outreach and Verification.....	10
Outreach.....	10
Verification.....	11
RESULTS.....	11
Guide and Business Licensing.....	11
Vessels.....	13
Saltwater.....	13
Freshwater.....	14
Trips.....	15
Saltwater.....	15
Freshwater.....	15
Logbook Trip Effort and Harvest.....	16
Saltwater.....	16
Freshwater.....	16
DISCUSSION.....	24
Guide and Business Licensing.....	24
Logbooks.....	24
ACKNOWLEDGEMENTS.....	25
REFERENCES CITED.....	26
APPENDIX A SPORT FISH BUSINESS OWNER/GUIDE LICENSE APPLICATION.....	27
APPENDIX B VESSEL REGISTRATION FORMS, DECALS AND TAGS.....	33
APPENDIX C SALTWATER LOGBOOK FORMS.....	37
APPENDIX D FRESHWATER LOGBOOK FORMS.....	45
APPENDIX E ADF&G COMMISSIONER STATEMENT.....	53
APPENDIX F SALTWATER LOGBOOK SUMMARIES BY AREA AND PORT OF OFFLOADING.....	55
APPENDIX G FRESHWATER LOGBOOK SUMMARIES BY AREA.....	69

## LIST OF APPENDICES

Appendix	Page
A1. Sport fish business owner/guide registration form, 2006.....	28
A2. Sport fish business owner/guide registration form, 2007.....	29
A3. Sport fish business owner/guide registration form, 2008.....	30
B1. Saltwater sport fish charter logbook sign-out and vessel registration form, 2008.....	34
B2. Freshwater sport fish guide vessel registration form, 2008.....	35
B3. Vessel decal, 2006-2008.....	36
B4. Vessel tab, 2008.....	36
C1. Saltwater charter logbook form, 2006.....	38
C2. Saltwater charter logbook form, 2007.....	40
C3. Saltwater charter logbook form, 2008.....	42
D1. Freshwater guide logbook form, 2006.....	46
D2. Freshwater guide logbook form, 2007.....	48
D3. Freshwater guide logbook form, 2008.....	50
E1. December 2005 ADF&G commissioner statement detailing strategies for reporting of Pacific halibut harvest for the saltwater charter logbook.....	54
F1. Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2006.....	56
F2. Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2006.....	57
F3. Saltwater logbook salmon participation, effort, kept and released by region, statewide, 2006.....	57
F4. Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2006.....	58
F5. Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2006.....	59
F6. Saltwater logbook bottomfish participation, effort, kept and released by region, statewide, 2006.....	59
F7. Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2007.....	60
F8. Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2007.....	61
F9. Saltwater logbook salmon participation, effort, kept and released by region, Statewide, 2007.....	61
F10. Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2007.....	62
F11. Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2007.....	63
F12. Saltwater logbook bottomfish participation, effort, kept and released by region, statewide, 2007.....	63
F13. Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2008.....	64
F14. Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2008.....	65
F15. Saltwater logbook salmon participation, effort, kept and released by region, Statewide, 2008.....	65
F16. Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2008.....	66
F17. Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2008.....	67
F18. Saltwater logbook bottomfish participation, effort, kept and released by region, statewide, 2008.....	67
G1. Freshwater logbook participation by site code and area, Southeast Alaska, 2006.....	70
G2. Freshwater logbook participation by site code and area, Southcentral Alaska, 2006.....	71
G3. Freshwater logbook participation by site code and area, AYK Alaska, 2006.....	74
G4. Freshwater logbook participation by region, 2006.....	75
G5. Freshwater logbook effort and species kept by area and site, Southeast Alaska 2006.....	76
G6. Freshwater logbook effort and species released by area and site, Southeast Alaska 2006.....	77
G7. Freshwater logbook effort and species kept by area and site, Southcentral Alaska, 2006.....	78

## ABSTRACT

In 2006, 1,677 sport fishing businesses and 3,454 guides licensed under the Alaska Department of Fish and Game guide and business registration program, signifying intent to provide sport fishing services in Alaska. The program licensed 1,695 businesses and 3,531 guides in 2007, and 1,659 sport fishing businesses and 3,522 sport fishing guides in 2008. Of the 1,659 sport fishing businesses registered in 2008, 1,525 were combination owner/guide licenses. Based on the 2008 physical addresses of both the businesses and guides, 90% of the businesses were residents of Alaska, and 10% were from other residency strata (defined as nonresidents), 72% of the guides were residents and 28% were nonresidents.

Of the 2,553 saltwater logbooks issued in 2008, 2,089 were activated, and of the 2,538 freshwater logbooks issued in 2008, 1,785 were activated. Of those businesses that submitted logbook information in 2008, 58% offered saltwater services, and 42% offered freshwater guided services. In 2006, logbook records show that 1,368 saltwater vessels were active, 1,409 were active in 2007 and 1,355 were active in 2008. On average during those three years, 55% of the saltwater vessels were active in Southeast Alaska and 45% were active in Southcentral Alaska.

A total of 65,671 saltwater charter trips were conducted in 2006, 67,152 trips in 2007, and 62,006 trips in 2008 statewide. On average, 84% of the saltwater angler days were nonresidents, 12% were residents and 4% were crew, comped fishing or unknown residency. In freshwater, 46,781 trips were taken in 2006, 48,697 in 2007, and 48,501 in 2008. Of the statewide freshwater trips, 90% of the angler days were nonresidents, 8% were residents, and 2% were crew fishing or unknown residency.

Average saltwater salmon harvests between 2006 and 2008 show that coho and king salmon were the predominant species, consisting of 67% and 15% of the harvest respectively statewide. Saltwater bottomfish harvests between 2006 and 2008 show that Pacific halibut were the predominant species with 68% of the total saltwater harvest statewide. Total halibut harvest statewide ranged from 379,473 fish in 2007 to a low of 339,718 fish in 2008. In freshwater, coho salmon were the predominant harvested species, followed by sockeye and then king salmon.

**Key words:** Sport fishing, guide and business registration, freshwater logbook, saltwater logbook, participation, effort, harvest, sport fishing vessel, Pacific halibut, salmon, bottomfish, Southeast Alaska, Southcentral Alaska

## BACKGROUND

The Alaska Department of Fish and Game (ADF&G) Division of Sport Fish (DSF) has operated a program since 1998 to register and license both sport fishing guides and sport fishing guide businesses and to collect information on sport fishing participation, effort, and harvest by saltwater and freshwater guided clients. This report briefly summarizes the approach, history, and results of this program for 2006 through 2008.

### GUIDE AND BUSINESS REGISTRATION AND LICENSING

The activities of the guided sport fishing industry in Alaska have significantly increased in recent years with implications to fish allocation and management decisions. Resolution of related issues was hampered by lack of information regarding the industry and its impact on fishery resources in many parts of Alaska. The sport fishing guide and business registration and licensing programs were designed to provide a comprehensive system to better define this diverse industry throughout Alaska. A brief history of the statewide registration and licensing process follows.

Beginning in May 1995 the owner(s) of any business that engaged in sport fish guiding of anglers anywhere in Alaska were required to register their business information, employees acting as sport fishing guides for the business, and listing all vessels used for guiding. In 1997 sport fishing guides were required to register and provide information about the employing business (Dean 2001; Dean and Howe 1999).

452, adopted in 2004, not only established new licensing requirements, but also established a logbook reporting requirement for all freshwater businesses in addition to the existing saltwater reporting requirements. For various reasons, both technical and policy-based, information on halibut harvests was not collected from 2002 through 2005. The collection of halibut data was resumed in 2006. In addition, the 2006 logbook was redesigned to require reporting of angler license numbers and the harvest and release numbers by angler in an effort to improve reporting and facilitate evaluation of the quality of logbook data (Appendix C).

The data from logbooks are compiled to show where fishing effort occurs, the extent of participation, and the species and numbers of fish kept and released by individual clients. This information is used for regulation and the development and management of fisheries, for project evaluation, and for formulation of department policies and priorities that reflect angler needs, concerns, and preferences. It also provides ADF&G with a tool to promote management of Alaska's resources for sustained yield.

Table 1.--Division of Sport Fish regions and management areas.

Regions	
SE	Southeast Alaska
SC	Southcentral Alaska
AYK	Arctic-Yukon-Kuskokwim
Areas	
Southeast Alaska	
A	Ketchikan
B	Prince of Wales Island
C	Kake, Petersburg, Wrangell, Stikine
D	Sitka
E	Juneau
F	Haines-Skagway
G	Glacier Bay
H	Yakutat
Southcentral Alaska	
J	North Gulf Coast/Prince William Sound
K	Knik Arm Drainage
L	Anchorage
M	Susitna River Drainage
N	West Side Cook Inlet
P	Kenai Peninsula
Q	Kodiak
R	Naknek River Drainage/Alaska Peninsula Area
S	Kvichak River Drainage
T	Nushagak, Wood River and Togiak
Arctic-Yukon-Kuskokwim	
I	Upper Copper River Drainage
U	Tanana River Drainage
V	Kuskokwim River/Kuskokwim Bay Drainages
W	Norton Sound/Seward Peninsula
X	Northwest Alaska
Y	Yukon River Drainage
Z	North Slope/Brooks Range

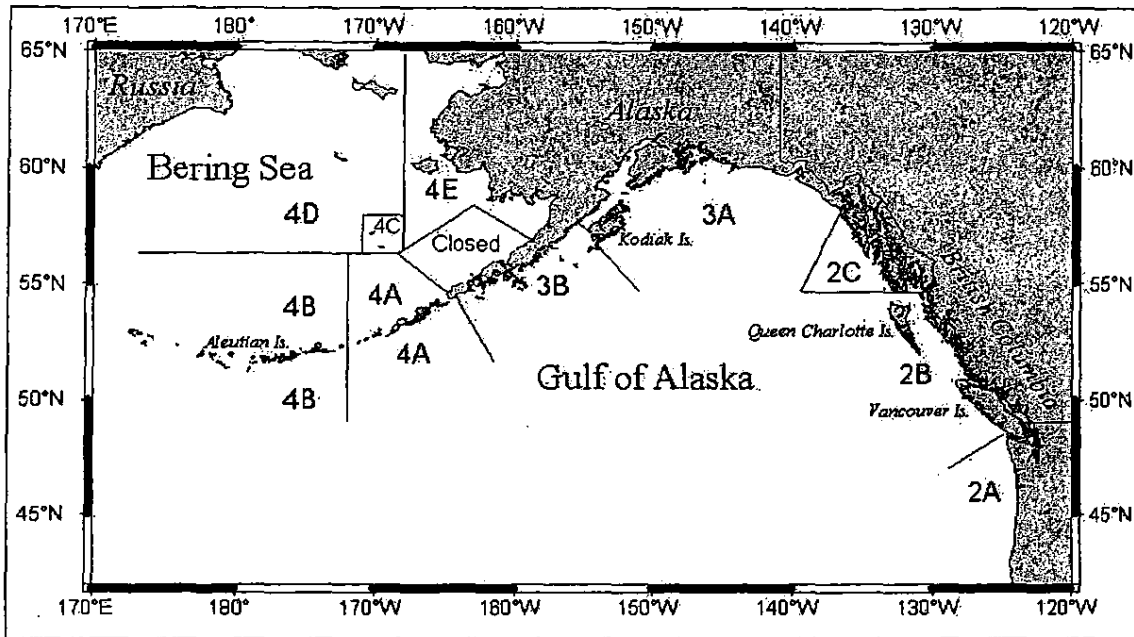


Figure 2.—International Pacific Halibut Commission (IPHC) regulatory areas.

Currently, a logbook record is required for every chartered or guided trip taken with clients, defined as an outing with one group of clients that ends when the clients and their fish (if fish were kept) are offloaded. Each trip is associated with an individual licensed business and guide.

### VESSEL REGISTRATION

In addition to establishing a licensing program and statewide freshwater logbook requirement, HB 452 included establishment of a vessel registration program to be conducted by ADF&G as part of the logbook program to monitor the number of vessels used in the guided marine and freshwater fisheries. All boats used in marine or fresh water were referred to as “charter or guide boats” regardless of their size or the manner in which they are used. All vessels used in the charter guide industry were required to be registered with ADF&G. Vessel registration information was collected when logbooks were issued to a business. Registration information included the Department of Motor Vehicles or DMV number or the U.S. Coast Guard vessel documentation number. Upon completion of vessel registration with ADF&G, each vessel was provided with two decals and year tags to indicate that the vessel is used in the guide industry (Appendix B3 and B4). Decals must be applied and visible on both sides of the vessel.

## METHODS

### GUIDE AND BUSINESS LICENSING

Businesses and guides can be licensed to provide sport fishing guided services if they meet the minimum qualifications specified in regulation (AS 16.40.260 and AS 16.40.270).

During the month of January from 2006 through 2008, the Division of Sport Fish mailed renewal license applications to each sport fishing guide and sport fishing business that was licensed in the previous year. In addition, guides and businesses could obtain a license in person at local

Changes between the 2005 and 2006 saltwater logbooks included:

- The data page design went from a single page designed to collect information from nine different trips to a data page that collected information from one unique trip per page.
- A section to collect Business and Vessel Information was added. Business and Guide license numbers along with the Alaska Boat Registration number (AK. #) or U.S.C.G. documentation number was recorded on every data page. This information was intended to confirm that the information was associated with the correct business on record, and to validate the vessel registration information.
- A section to collect Trip information was added. Trip information collected the date fished, port or community where clients or fish were off-loaded, total number of clients on the vessel including those that did not fish, targeted species (salmon or bottomfish), primary statistical area fished, maximum number of rods fished, and number of boat hours fished. This design change resulted in more detailed information unique to each trip taken with a group of clients.
- A section to collect Individual Angler and Catch Information was added. In 2006, the collection of halibut information resumed. The new design also required the reporting of individual angler license numbers along with harvest and release numbers by angler in an effort to improve reporting and facilitate evaluation of the quality of logbook data.
- A signature line was added that required the guide who led the trip to sign their name certifying that the information was true and correct to the best of their knowledge.
- A notice statement drafted by the NPFMC was printed within the front cover of the 2006 saltwater logbook. The notice announced that a control date of December 9, 2005 was being established. Those businesses and guides not participating in the Southeast or Southcentral charter halibut industry by this date might not be eligible for future access and/or quota in these fisheries.

No significant changes took place in the freshwater logbook design between 2005 and 2006 (Appendix D).

Changes between the 2006 and 2007 saltwater logbooks include:

- Additional client information was obtained, to indicate if "comped" anglers fished. A "comped" angler was an angler who did not compensate the guide for that charter trip. By including "comped" anglers, the data captured by onsite dockside samplers and data from the logbook census were more comparable, since all anglers on board a charter vessel and their catches were now being counted.
- Vessel AK # or U.S.C.G. documentation numbers were no longer being collected on each data page. The vessel information collected during the logbook assignment to a business on the sign-out sheet was adequate.

No significant changes took place in the freshwater logbook design between 2006 and 2007 (Appendix D).

salmon, halibut, lingcod, pelagic rockfish, yelloweye, and other nonpelagic rockfish, salmon shark *Lamna ditropis*, and a category for the number of all other species not already listed (Appendix C).

To determine the number of businesses and guides that were "active" in the industry, a cross reference is made to the logbooks to determine if actual guided trips were provided. If ADF&G received at least one charter vessel trip form that reported targeted effort, the charter operation turning in the form was considered an "active" bottomfish or salmon charter operator with an "active" vessel.

### Freshwater Logbook Forms

A freshwater logbook consisted of the cover page, schedule of reporting deadlines, one logbook check out sheet to show the business to which the logbook was issued, a freshwater vessel registration page that collects the unique AK # assigned by the Department of Motor Vehicles (DMV) or a United States Coast Guard (USCG) documentation number and primary drainage, a set of instructions for filling out the information on the logbook sheets, and 50 data sheets to record trip information. Data collection on each of the 50 pages consisted of:

- ADF&G guide license number,
- Date that fishing took place,
- Specific name of river, stream or lake fished,
- Site code of site fished as reference within a list provided with each logbook,
- Number of logbook pages used for a specific trip,
- Name of any other species kept,
- Crew, client, and "comped" angler's current ADF&G sport fishing license number, and a youth angler designation for anglers under 16 years of age.
- Client residency,
- A breakdown by fish species kept and released.

Upon acquiring a freshwater logbook, the operator registers all vessels that may be used during the course of the fishing season. Freshwater vessel registration requires that the vessel already have a unique AK # assigned by DMV or a USCG documentation number. Freshwater vessels primarily have AK #'s. The operator must provide the AK # and indicate the primary freshwater drainage where the vessel will operate.

The freshwater logbook does not collect targeted species information like the saltwater logbook, it collects information on species kept and released regardless of what was targeted or sought after. A trip is counted if a logbook data page is submitted with effort information regardless of catch. Freshwater trips are assigned a region of the state based on the name of the site fished, each freshwater site is assigned a unique regional alpha code followed by a numeric code within the region in which it is located (Table 1).

Freshwater information collected were: kept and released numbers for king, coho, and sockeye salmon, cutthroat *O. clarkii*, rainbow and steelhead trout *O. mykiss*, lake trout *Salvelinus namaycush*, Dolly Varden *S. malma*, Arctic grayling *Thymallus arcticus*, northern pike *Esox lucius*, sheefish *Stenodus leucichthys* and a category for the number of all other fish not already listed (Appendix D).

Phone calls to the business owners and guides significantly improved the quality of the data, minimized reoccurring mistakes by the guide, increased compliance, and contributed to the outreach portion of this program. Logbook data entry staff contacted charter operators to resolve logbook reporting issues and to improve future reporting. These calls were intended to improve data quality and reinforce the message to the guide industry that logbook data are important and are consistently being reviewed. In 2006, 3,011 calls were made to operators, 1,415 in 2007 and 2,160 in 2008. Follow up phone calls have become a valuable outreach tool and will continue to be a standard procedure in the future.

### **Verification**

Logbook data were compared to actual counts of harvested fish (verified) and to reported harvest data (unverified) from onsite interviews. These comparisons are ongoing and are part of a more comprehensive evaluation of logbook data quality (Meyer et al. 2008).

Two unique methods were used to conduct post-season verification of logbook data:

1. A comparison was made between logbook data and guided trip information collected from the Alaska Statewide Harvest Survey (SWHS; Jennings et al. 2007).
2. The data collected from the logbooks was compared to the data collected in the saltwater creel programs administered through ADF&G. Saltwater creel programs include the *Assessment of Recreational Halibut and Groundfish Harvest in Southcentral Alaska* program in Homer, the *Haines Marine Sport Fishery Harvest in Southeast Alaska* (Chapell *In prep*), and the *Harvest estimates for selected marine sport fisheries in Southeast Alaska* (Wendt and Jaenicke *In prep*).

## **RESULTS**

### **GUIDE AND BUSINESS LICENSING**

In 2006, 1,677 sport fishing businesses and 3,454 guides were licensed with ADF&G. In 2007, 1,695 businesses and 3,531 guides were licensed, and in 2008, 1,659 sport fishing businesses and 3,522 sport fishing guides were licensed with ADF&G to provide sport fishing services in Alaska. The total number of businesses and guides includes all saltwater and freshwater operators. Of the 1,659 sport fishing businesses licensed in 2008, 1,525 were combination owner/guide licenses. Physical addresses of both the businesses and guides in 2008 indicated that 90% of the businesses were Alaska residents, and 10% were from other residency strata (defined as nonresidents), 72% of the guides were residents and 28% were nonresidents.

The licensed businesses and guides were subtotaled by region for Southeast, Southcentral, and Other Alaska, including the Arctic-Yukon-Kuskokwim area and nonresident license applicants.

From 2006 through 2008, an average of 28% of the licensed businesses had physical addresses in Southeast, 57% in Southcentral, 5% had permanent addresses in other parts of Alaska, and 10% had nonresident addresses based on their license applications. From 2006 through 2008, an average of 22% of the licensed guides had permanent addresses in Southeast, while 47% in Southcentral, 4% in other parts of Alaska and 27% had nonresident addresses based on their license applications (Table 2).

Based on the submission of saltwater logbook data pages with trip information in 2006, 777 businesses provided saltwater services and 503 provided freshwater services, and 140 businesses

Table 3.—Number of active saltwater businesses and guides by region, 2006–2008.

Region <sup>c</sup>	Active Businesses <sup>a</sup>			Active Guides <sup>b</sup>		
	2006	2007	2008	2006	2007	2008
SE	439	430	429	881	873	860
SC	479	488	459	772	766	740
Total <sup>d</sup>	917	918	888	1,603	1,602	1,562

Note: Data are current as of 07/16/09.

<sup>a</sup> Business counts are based on the business number listed on the signout sheet of a logbook (this can be a business only or a combined business/guide license).

<sup>b</sup> Guide counts are based on the guide number written on each log page (this can be a guide only or a combined business/guide license).

<sup>c</sup> Region is based on the port of offloading, salmon stat area and bottomfish stat area.

<sup>d</sup> Total is not additive because a business or guide could operate in both areas. Includes businesses and guides that offered both saltwater and freshwater services.

Table 4.—Number of active freshwater businesses and guides by region, 2006–2008.

Region <sup>c</sup>	Active Businesses <sup>a</sup>			Active Guides <sup>b</sup>		
	2006	2007	2008	2006	2007	2008
SE	69	73	70	173	177	178
SC	528	528	512	1,224	1,272	1,305
AYK	71	68	69	194	224	222
Site code missing	0	4	7	0	4	7
Total <sup>d</sup>	643	645	630	1,518	1,581	1,636

Note: Data are current as of 07/16/09.

<sup>a</sup> Business counts are based on the business number listed on the signout sheet of a logbook (this can be a business only or a combined business/guide license).

<sup>b</sup> Guide counts are based on the guide number written on each log page (this can be a guide only or a combined business/guide license).

<sup>c</sup> Region is based on the site code provided for the site fished on each log page.

<sup>d</sup> Total is not additive because a business or guide could operate in both areas. Includes businesses and guides that offered both saltwater and freshwater services.

## VESSELS

### Saltwater

The number of vessels registered to provide saltwater sport fishing charter services was 1,671 in 2006, 1,666 in 2007, and 1,604 in 2008. A vessel, though registered, is not considered “active” unless that vessel was used on a guided trip as indicated by the submission of a logbook data page. Of the 1,671 saltwater vessels registered in 2006, 1,368 were active, of the 1,666 vessels registered in 2007, 1,409 were active, and in 2008 of the 1,604 registered vessels, 1,355 were active in saltwater. Based on the primary port of operation indicated at registration and port of offloading, 746 saltwater vessels operated in Southeast, 621 operated in Southcentral, and 1 vessel operated in both Southeast and Southcentral in 2006. In 2007, 768 saltwater vessels operated in Southeast, 641 operated in Southcentral, and 0 vessels operated in both Southeast and Southcentral. In 2008, 759 saltwater vessels operated in Southeast, 596 operated in Southcentral, and 0 vessels operated in both Southeast and Southcentral (Table 5).

Logbook data indicate that vessels will target all possible species; bottomfish, salmon and both during the course of a fishing season (Table 6).

## TRIPS

### Saltwater

Logbook data indicate that 65,671 saltwater charter trips were conducted statewide in 2006, 67,152 trips were conducted in 2007, and 62,006 trips were conducted in 2008. During all three years, a majority of the trips that targeted salmon only occurred in Southeast, whereas, the majority of trips that targeted bottomfish only occurred in Southcentral. During the same three years, operators in Southeast conducted significantly more trips in which both salmon and bottomfish were targeted on the same trip. If a statistical area fished was not provided, no targeted species was assigned (Table 8).

Table 8.—Number of saltwater trips by targeted species by region, 2006–2008.

Year	Region <sup>b</sup>	Species Targeted <sup>a</sup>			No Statistical Area	Total
		Salmon <sup>c</sup>	Bottomfish <sup>c</sup>	Both <sup>c</sup>		
2006	SE	14,309	6,146	18,628	5	39,088
	SC	3,481	15,555	7,537	10	26,583
	Total	17,791	21,702	26,165	15	65,671
2007	SE	12,759	6,144	20,633	62	39,598
	SC	2,876	16,489	8,145	44	27,554
	Total	15,635	22,633	28,778	106	67,152
2008	SE	11,338	7,368	18,634	109	37,449
	SC	2,135	15,733	6,617	72	24,557
	Total	13,473	23,101	25,251	181	62,006

Note: Data are current as of 07/09/09.

- <sup>a</sup> Species targeted is based on the provision of salmon and bottomfish statistical areas.
- <sup>b</sup> Region is based on the port of offloading, and salmon or bottomfish statistical areas.
- <sup>c</sup> The same vessel can make multiple trips targeting either salmon, bottomfish or both.

### Freshwater

In 2006, 46,781 freshwater guided fishing trips were taken, 48,697 were taken in 2007, and 48,501 taken in 2008. On average, 84% of the freshwater trips took place in Southcentral, 10% in the Arctic-Yukon-Kuskokwim (AYK) area, and 6% in Southeast (Table 9).

Table 9.—Number of freshwater trips by region, 2006–2008.

Year	Region <sup>a</sup>			Total
	SE	SC	AYK	
2006	3,038	39,512	4,231	46,781
2007	3,256	40,543	4,898	48,697
2008	3,113	40,587	4,801	48,501

Note: Data are current as of 07/16/09.

- <sup>a</sup> Region is based on the area code on the site code listed on each log page.
- <sup>b</sup> Unknown means the record didn't have a site code listed, thus a region could not be determined.

Table 10.—Saltwater and freshwater trips and angler days by region, 2006–2008.

Year	Region <sup>a</sup>	Saltwater		Freshwater	
		Trips	Angler Days	Trips	Angler Days
2006	SE	39,088	154,549	3,038	11,464
	SC	26,583	175,695	39,512	125,055
	AYK	0	0	4,231	10,888
	Total	65,671	330,244	46,781	147,407
2007	SE	39,599	158,551	3,256	11,671
	SC	27,553	163,964	40,543	126,387
	AYK	0	0	4,898	12,262
	Total	67,152	322,515	48,697	150,320
2008	SE	37,449	150,793	3,113	10,730
	SC	24,557	146,717	40,587	126,596
	AYK	0	0	4,801	11,833
	Total	62,006	297,510	48,501	149,159

Note: Data are current as of 08/28/09.

Table 13.—Saltwater salmon effort and harvest by region, 2007.

Region <sup>a</sup>	Type of Angler	Angler Days <sup>b</sup>	King salmon		Coho	Sockeye	Pink	Chum
			Large ≥ 28"	Small < 28"				
SE	Resident	1,892	1,332	13	2,454	4	545	97
	Nonresident	131,423	48,331	1,559	192,163	1,226	68,117	7,772
	Comped	206	75	0	181	0	48	2
	Crew	193	27	0	122	8	10	3
	Unknown	476	70	4	576	3	233	32
	Total	134,190	49,835	1,576	195,496	1,241	68,953	7,906
SC	Resident	12,924	1,175	97	20,722	262	720	20
	Nonresident	45,803	6,947	468	70,041	1,196	3,846	204
	Comped	426	60	1	403	4	12	0
	Crew	579	4	0	131	0	8	0
	Unknown	267	15	0	473	1	33	0
	Total	59,999	8,201	566	91,770	1,463	4,619	224
Total	Resident	14,816	2,507	110	23,176	266	1,265	117
	Nonresident	177,226	55,278	2,027	262,204	2,422	71,963	7,976
	Comped	632	135	1	584	4	60	2
	Crew	772	31	0	253	8	18	3
	Unknown	743	85	4	1,049	4	266	32
	Total	194,189	58,036	2,142	287,266	2,704	73,572	8,130

Note: Data are current as of 07/09/09.

<sup>a</sup> Region is based on the port of offloading, salmon statistical area and bottomfish statistical area.

<sup>b</sup> Angler days totals all anglers who fished on a day when a salmon statistical area was entered, plus angler days where an angler harvested a salmon when a bottomfish statistical area was provided.

Table 14.—Saltwater bottomfish effort and harvest by region, 2007.

Region <sup>a</sup>	Type of Angler	Angler Days <sup>b</sup>	Rockfish				Salmon Shark	
			Halibut	Lingcod	Pelagic	Other Non-Pelagic		
SE	Resident	1,747	2,204	159	535	229	286	0
	Nonresident	109,487	120,798	8,429	46,267	19,155	18,078	54
	Comped	176	138	11	48	11	13	0
	Crew	227	79	9	28	18	11	0
	Unknown	314	352	8	92	41	73	0
	Total	111,951	123,571	8,616	46,970	19,454	18,461	54
SC	Resident	34,979	60,016	3,343	11,210	2,475	963	94
	Nonresident	113,337	193,271	11,044	40,488	6,601	2,529	95
	Comped	1,064	1,553	98	393	63	22	0
	Crew	1,166	259	21	60	12	4	0
	Unknown	518	803	66	179	39	8	1
	Total	151,064	255,902	14,572	52,330	9,190	3,526	190
Total	Resident	36,726	62,220	3,502	11,745	2,704	1,249	94
	Nonresident	222,824	314,069	19,473	86,755	25,756	20,607	149
	Comped	1,240	1,691	109	441	74	35	0
	Crew	1,393	338	30	88	30	15	0
	Unknown	832	1,155	74	271	80	81	1
	Total	263,015	379,473	23,188	99,300	28,644	21,987	244

Note: Data are current as of 07/09/09.

<sup>a</sup> Region is based on the port of offloading, bottomfish statistical area and salmon statistical area.

<sup>b</sup> Angler days totals all anglers who fished on a day when a bottomfish statistical area was entered, plus angler days where an angler harvested a bottomfish when a salmon statistical area was provided.

Table 17.-Freshwater effort and harvest by region, 2006.

Region <sup>a</sup>	Type of Angler	Angler Days	Number Kept											
			King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead	Grayling	Dolly Varden				
SE	Resident	106	4	41	30	3	0	0	0	0	0	0	0	2
	Nonresident	10,970	174	6,849	2,132	109	19	4	4	25	621			
	Crew	179	15	103	91	1	0	0	0	0	1			
	Unknown	209	0	178	21	0	0	0	0	0	0			7
	Total	11,464	193	7,171	2,274	113	19	4	4	25	631			
SC	Resident	9,742	2,529	2,467	1,145	0	73	1	1	0	153			
	Nonresident	111,956	20,988	40,480	26,207	6	1426	19	19	321	1961			
	Crew	2,123	55	548	276	1	6	2	2	0	56			
	Unknown	1,234	231	641	448	0	7	0	0	3	38			
	Total	125,055	23,803	44,136	28,076	7	1,512	22	22	324	2,208			
AYK	Resident	883	389	77	255	0	4	0	0	23	45			
	Nonresident	9,573	1,786	3,277	1,013	0	23	0	0	184	535			
	Crew	291	7	5	55	0	0	0	0	0	14			
	Unknown	141	16	79	30	0	0	0	0	3	0			
	Total	10,888	2,198	3,438	1,353	0	27	0	0	210	594			
Total	Resident	10,731	2,922	2,585	1,430	3	77	1	1	23	200			
	Nonresident	132,499	22,948	50,606	29,352	115	1,468	23	23	530	3,117			
	Crew	2,593	77	656	422	2	6	2	2	0	71			
	Unknown	1,584	247	898	499	0	7	0	0	6	45			
	Total	147,407	26,194	54,745	31,703	120	1,558	26	26	559	3,433			

Note: Data are current as of 07/10/09.

<sup>a</sup> Region is based on the SWHS area listed as the first character in the site code.

Table 19.-Freshwater effort and harvest by region, 2008.

Region <sup>a</sup>	Type of Angler	Angler Days	Number Kept												
			King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead	Lake Trout	Grayling	Dolly Varden	Pike	Sheefish		
SE	Resident	320	16	136	11	5	0	1	0	1	4	0	0	0	0
	Nonresident	10,143	69	5,686	1,069	20	7	1	0	0	586	0	0	0	0
	Comped	19	0	10	1	0	0	0	0	0	3	0	0	0	0
	Crew	197	7	94	4	0	0	0	0	0	4	0	0	0	0
	Unknown	51	0	5	2	0	0	0	0	0	5	0	0	0	0
<b>Total</b>		<b>10,730</b>	<b>92</b>	<b>5,931</b>	<b>1,087</b>	<b>25</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>602</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
SC	Resident	11,059	2,096	3,388	1,459	0	55	0	3	4	143	179	0	0	0
	Nonresident	113,089	16,967	47,724	30,937	0	614	9	159	254	1925	290	1	1	1
	Comped	299	38	97	59	0	0	0	0	0	12	3	0	0	0
	Crew	1,306	36	344	143	0	3	0	1	1	44	24	0	0	0
	Unknown	843	175	243	208	0	2	0	1	0	9	0	0	0	0
<b>Total</b>		<b>126,596</b>	<b>19,312</b>	<b>51,796</b>	<b>32,806</b>	<b>0</b>	<b>674</b>	<b>9</b>	<b>164</b>	<b>259</b>	<b>2,133</b>	<b>496</b>	<b>1</b>	<b>1</b>	<b>1</b>
AYK	Resident	860	285	45	46	0	11	0	2	17	14	17	6	6	6
	Nonresident	10,828	1,569	2,676	573	0	57	2	3	61	404	52	54	54	54
	Comped	7	3	12	2	0	0	0	0	0	3	0	0	0	0
	Crew	112	8	30	26	0	10	0	0	5	10	0	0	0	0
	Unknown	26	5	0	1	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>11,833</b>	<b>1,870</b>	<b>2,763</b>	<b>648</b>	<b>0</b>	<b>78</b>	<b>2</b>	<b>5</b>	<b>83</b>	<b>431</b>	<b>69</b>	<b>60</b>	<b>60</b>	<b>60</b>
Total	Resident	12,239	2,397	3,569	1,516	5	66	1	5	22	161	196	6	6	6
	Nonresident	134,060	18,605	56,086	32,579	20	678	12	162	315	2,915	342	55	55	55
	Comped	325	41	119	62	0	0	0	0	0	18	3	0	0	0
	Crew	1,615	51	468	173	0	13	0	1	6	58	24	0	0	0
	Unknown	920	180	248	211	0	2	0	1	0	14	0	0	0	0
<b>Total</b>		<b>149,159</b>	<b>21,274</b>	<b>60,490</b>	<b>34,541</b>	<b>25</b>	<b>759</b>	<b>13</b>	<b>169</b>	<b>343</b>	<b>3,166</b>	<b>565</b>	<b>61</b>	<b>61</b>	<b>61</b>

Note: Data are current as of 07/10/09.

<sup>a</sup> Region is based on the SWHS area listed as the first character in the site code.

likely make the weekly reporting requirement more palatable knowing that the data would be more immediately available.

In 2010, a field test of the redesigned saltwater logbooks will be conducted to test the new scannable saltwater logbook data page and scanning software. Upon review of the test data pages and likely adjustments to the design, it is hoped that this new design will be fully adopted and implemented by 2011.

Preliminary results from verification studies comparing the accuracy of logbook harvest data with the statewide harvest survey estimates, and onsite creel programs are favorable. Logbook data will continue to be compared to counts from those two programs. Comparisons are ongoing and are part of a more comprehensive evaluation of logbook data quality. Logbook halibut data has been used extensively. Saltwater and freshwater logbook data have also been used for a variety of regulatory analyses for state managed species.

## ACKNOWLEDGEMENTS

Southeast and Southcentral regional and area staff, especially numerous front counter personnel, have been critical to the success of the ADF&G sport fishing guide and business licensing and logbook program. The above staff along with Rob Bentz, Bob Chadwick and Mike Jaenicke from Southeast, Scott Meyer, Matt Miller and Tom Vania from Southcentral, and Tom Taube from Fairbanks have also provided valuable comments during the process of registration and logbook form design.

Doug Vincent-Lang has provided valuable insight on the history of the program and facilitated numerous discussions with NOAA and IPHC. Bob Clark's thoughtful insight and direction has been very much appreciated. We also acknowledge the expertise and infinite patience exhibited by Joanne MacClellan in preparing this report. Her knowledge and willingness to assist is invaluable.

Kirk Brogdon of the division's Research and Technical Services section deserves considerable credit for designing and implementing efficient information management systems for data capture, cleaning, storage, and reporting. These systems, accessible via the division's Intranet, allowed area staff statewide to query the most up-to-date registration and logbook databases via their Internet browser.

Kathy Kush should be acknowledged for her incredible skills in streamlining the licensing process and making sure that all license applications are processed in a timely manner that has allowed the guides and businesses to start operation without delay.

Margaret Nussbaum, Diane Novinska, Jennifer Bond, Mary Yanagawa and several seasonal technicians deserve credit for receiving, entering, and filing the licensing and logbooks forms. With their perseverance, we met reporting deadlines that seemed nearly impossible with available staffing and workloads.

We also acknowledge the cooperation of the thousands of sport fishing guides and sport fishing businesses that licensed and completed their logbooks in a timely and compliant manner.

**APPENDIX A**  
**SPORT FISH BUSINESS OWNER/GUIDE LICENSE**  
**APPLICATION**



# 2007 SPORT FISH BUSINESS OWNER/GUIDE LICENSE

License #

Alaska Department of Fish and Game / Division of Sport Fish - RTS  
333 Raspberry Road, Anchorage, Alaska 99518-1599  
Telephone: (907) 267-2369 or (907) 267-2390  
<http://www.sf.adfg.state.ak.us/statewide/Guides/guide.cfm>

CHECK ONE: **All fees are nonrefundable**

\$50.00 Guide Only License

\$100.00 Business Only License

\$100.00 Combined Business/Guide License

METHOD OF PAYMENT:

Check # : \_\_\_\_\_  
Make checks payable to State of Alaska

Money Order #: \_\_\_\_\_

Cash (Anchorage, Juneau, Fairbanks offices **ONLY**)

Credit Card (Anchorage, Juneau, Fairbanks offices **ONLY** or Internet)

LICENSE MUST BE STAMPED BY ADF&G TO BE VALID

\$50.00 Guide Only Upgrade to Combined Business/Guide License

This is a temporary license good for 14 business days after date signed by Dept. representative.

## SEE REVERSE FOR INSTRUCTIONS

### SECTION A TO BE FILLED OUT BY ALL APPLICANTS

Name of Business Owner or Guide: \_\_\_\_\_  
Last First M.I.

Permanent Mailing Address : \_\_\_\_\_  
City State Zip

Telephone Number: ( ) \_\_\_\_\_ In-season Telephone Number: ( ) \_\_\_\_\_

e-mail address if available: \_\_\_\_\_

### SECTION B TO BE FILLED OUT BY THE BUSINESS OWNER OR THEIR AGENT

**BUSINESS INFORMATION:**

Name of Business: \_\_\_\_\_

Name of Business Owner: \_\_\_\_\_

Alaska Div. of Occupational Business License Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**INSURANCE:** See detailed insurance requirements on back.

Name of Insurance Company: \_\_\_\_\_

Policy/Binder #: \_\_\_\_\_ Effective Dates: From: \_\_\_\_\_ To: \_\_\_\_\_

*\*Remember to get a logbook for your business at the nearest ADF&G office prior to commencement of guiding activities.\**

### SECTION C TO BE FILLED OUT BY THE GUIDE OR THEIR AGENT

Are you a citizen of the United States, Canada, Mexico or a resident alien? Yes  No

Current First Aid card: Certifying agency: \_\_\_\_\_ Exp. Date: Mo: \_\_\_\_\_ Yr: \_\_\_\_\_

2007 Alaska Sport Fishing License # (not your Guide License #): \_\_\_\_\_

**U.S. COAST GUARD OPERATOR'S LICENSE:** (See explanation on back)

Do you plan to operate a motorized vessel in Navigable Waters? Yes  No  If yes, complete the next line.

U. S. Coast Guard Operator's License #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**SIGNATURE OF BUSINESS OWNER/AGENT or GUIDE:**

I hereby certify that all information is true and correct and that I understand this information is subject to public disclosure.

\_\_\_\_\_ Circle one: Applicant or Agent Date: \_\_\_\_\_

This temporary license must be signed and stamped by an ADF&G employee and in your possession before guiding activities begin. Keep this temporary license while operating until your permanent wallet-sized card arrives. Allow up to 14 business days.

Name of ADF&G representative (print) \_\_\_\_\_ Title \_\_\_\_\_  
Signature \_\_\_\_\_ Date \_\_\_\_\_

Appendix A2.—Sport fish business owner/guide license application, 2007.



## INSTRUCTIONS FOR THE 2008 SPORT FISH BUSINESS OWNER/ GUIDE LICENSE APPLICATION

**Attention:** *The following will apply without exception:*

1. All applicable sections of the license application must be complete and legible prior to ADF&G validation. No "pending", "unknowns," or blanks will be accepted.
2. Incomplete license applications will be returned, resulting in a processing delay.
3. A signature is required.
4. This is a license application only. A permanent license will be mailed within 21 business days.
5. There may be requirements by other state and federal agencies to operate as a guide in Alaska.

### INSTRUCTIONS:

**SECTION A: ALL applicants must complete this section.**

**SECTION B: BUSINESS OWNER OR THEIR AGENT -** Complete this section if you are the owner/agent of the sport fishing business. This section should be filled out even if the owner does not intend to personally guide clients. An agent for this business **CANNOT** apply as a guide on the same application. A separate license application must be submitted.

**LIABILITY INSURANCE REQUIREMENT:** General liability or marine protection that covers at least \$100,000 for each incident and \$300,000 for all incidents in a year. Insurance must cover **ALL** periods of time when the owner or owner's employees are providing sport fishing services to clients. Insurance must be current, **NOT** pending.

#### **IMPORTANT NOTICE TO BUSINESS OWNERS**

State regulation (5 AAC 75.075) requires that all operators providing sport fishing guide services in Alaska must apply annually for a license with the Department of Fish and Game *before* guiding services begin. Business owners are required to register all charter vessels with ADF&G and acquire a license prior to commencement of guiding activities. *Guides hired by an operator must keep a copy of the business license in their possession while guiding.*

**SECTION C: GUIDES -** Complete this section if you intend to guide for a sport fish operation owned by someone other than you or if you are the business owner who also intends to guide (owner/operator).

**U.S. COAST GUARD OPERATOR'S LICENSE:** A licensed sport fish guide must have, at minimum, an OUPV or 6-pak U.S.C.G. operator's license in their possession while operating a motorized vessel with clients or transporting clients on a motorized vessel in navigable waters. Navigable waters are determined by the U.S. Coast Guard. Applicant must provide the U.S.C.G. license number, expiration date and date of birth (DOB).

#### **IMPORTANT NOTICE TO GUIDES**

State regulation (5 AAC 75.075) requires that all licensed guides providing sport fishing guide services in Alaska must apply annually for a license with the Department of Fish and Game *before* guiding activities begin.

#### **WHAT A GUIDE MUST HAVE IN POSSESSION WHILE GUIDING**

A sport fish business owner or guide should be able to present all documents required for licensing upon request by a representative of the department of fish and game, or any peace officer of the state. While engaged in providing sport fishing guide services, a sport fishing guide shall have the following readily available for inspection:

- A current sport fishing guide license;
- A copy of the current ADF&G sport fishing business license of the guide's employer;
- A current Alaska sport fishing license, tags, stamps or permits that are required to engage in the sport fishery for which the guide services are providing;
- An identification card issued to the sport fishing guide by a state or federal agency that bears a photo of the sport fishing guide.

**APPENDIX B**  
**VESSEL REGISTRATION FORMS, DECALS AND TAGS**



**APPENDIX C**  
**SALTWATER LOGBOOK FORMS**





**ALASKA DEPARTMENT OF FISH & GAME SALTWATER SPORT FISHING CHARTER TRIP LOGBOOK.**  
 333 RASPBERRY RD., ANCHORAGE, ALASKA 99518. QUESTIONS: CALL (907) 267-2288.

LOGBOOK NO. \_\_\_\_\_

**COMPLETE THIS SECTION FOR EVERY TRIP**

**BUSINESS AND VESSEL INFORMATION**

2007 FISH & GAME BUSINESS CHARTER LICENSE # \_\_\_\_\_ (License # assigned to you by ADFG)

2007 FISH & GAME GUIDE LICENSE # \_\_\_\_\_ (If same as Business Charter License, write only license #.)

**DATE FISHED: MO. \_\_\_\_\_ DAY \_\_\_\_\_ 2007.**

**PORT OR COMPANY OF OFF-LOADING:** \_\_\_\_\_ (Port or Company where fish or catch was off-loaded from vessel)

**TOTAL NO. PAYING CLIENTS ON THE VESSEL:** \_\_\_\_\_ (Number of paying clients, wife, spouse and any child over 16 years old who are not "family" anglers or crew members that do not pay for the trip)

**PRIMARY BAY AREA & BOAT HOME:**

Targeted Species	No. of Boat Hours Fished this Trip (8-digit code)
Baitfish	
Ballantrae	
Ballantrae	

PAGE NO. \_\_\_\_\_ OF \_\_\_\_\_ (Print no. of pages for this trip)

**RETURN TO LOGBOOK HERE AT WEEK'S END**

Angler compliance report file the vessel, equipment, permits on the inside of the front cover.

Logbook Trip sheets must be kept on board at all times on the vessel during the trip and returned to the logbook.

**INSTRUCTIONS: Complete one row below for each client, non-paying angler, and crew, who fished on this trip.**

**INDIVIDUAL ANGLER AND CREW INFORMATION**

Client Name	2007 FISH & GAME BUSINESS CHARTER LICENSE #		2007 FISH & GAME GUIDE LICENSE #		Number of Boat Hours		Number of Boat Hours		Number of Boat Hours		Number of Boat Hours		Number of Boat Hours		Number of Boat Hours		Number of Boat Hours		
	Client	Spouse	Client	Spouse	Client	Spouse	Client	Spouse	Client	Spouse	Client	Spouse	Client	Spouse	Client	Spouse	Client	Spouse	
1. _____																			
2. _____																			
3. _____																			
4. _____																			
5. _____																			
6. _____																			
7. _____																			
8. _____																			
9. _____																			
10. _____																			

CONTINUE ON NEXT PAGE IF MORE THAN 12 ANGLERS. X  
 U.S. DEPT. OF COMMERCE



**APPENDIX D**  
**FRESHWATER LOGBOOK FORMS**



Alaska Department of Fish & Game  
**Freshwater Sport Fish  
 Trip Logbook**

LOG BOOK # \_\_\_\_\_

333 RASPBERRY ROAD, ANCHORAGE, AK 99518 • QUESTIONS: (907) 267-2369

Logbook pages must be received at ADF&G offices (or postmarked) by the date specified on the inside cover.

RIVER / STREAM / LAKE (SPECIFY) \_\_\_\_\_ OF \_\_\_\_\_  
 TOTAL PAGES FOR THIS TRIP

SITE CODE \_\_\_\_\_ DATE \_\_\_\_\_

GUIDE LICENSE # \_\_\_\_\_ \* WRITE IN OTHER SPECIES HERE \_\_\_\_\_

SPORTFISH LICENSE # \_\_\_\_\_

List for each person fishing. Anglers under 18, enter as "Youth #1," etc.

CIRCLE APPROPRIATE STATUS  
 NON-RESIDENT RESIDENT CREW

SPORTFISH LICENSE #	CIRCLE APPROPRIATE STATUS NON-RESIDENT RESIDENT CREW	* WRITE IN OTHER SPECIES HERE										
		KEPT / RELEAS / NING	SALMON	TROUT	OTHER	COHO	SOCKEYE	CUTTHROAT	RAINBOW	STEELHEAD	A. GRAYLING D. VARDEN *	
N	K											
R	R											
C	R											
N	K											
R	R											
C	R											
N	K											
R	R											
C	R											
N	K											
R	R											
C	R											
N	K											
R	R											
C	R											
N	K											
R	R											
C	R											
N	K											
R	R											
C	R											

GUIDE SIGNATURE: I CERTIFY THIS DOCUMENT IS CORRECT TO THE BEST OF MY KNOWLEDGE.



Alaska Department of Fish & Game

# 2007 Freshwater Sport Fish Trip Logbook

RETURN TO: 333 RASPBERRY ROAD, ANCHORAGE, AK 99518 • QUESTIONS: (907) 267-2369

LOGBOOK NO. \_\_\_\_\_

**TRIP INFORMATION**

ADF&G GUIDE LICENSE #: \_\_\_\_\_

DATE FISHED: \_\_\_\_\_ (Month) \_\_\_\_\_ (Day), 2007

RIVER/S TREAM/LAKE (SPECIFY) \_\_\_\_\_

SITE CODE (REFER TO SITE CODE LIST) \_\_\_\_\_

PAGE NO. \_\_\_\_\_ OF \_\_\_\_\_

TOTAL NO OF PAGES FOR THIS TRIP \_\_\_\_\_

\* WRITE IN OTHER SPECIES HERE \_\_\_\_\_

Sport Fish License Number of each Client, Nonpaying Angler, and Crew <b>TRAP FISHED</b> AND Record all those anglers under 16 as "Youth Angler" (y1, y2, etc.)	SALMON										TROUT				OTHER			
	LEFT RELEASED	KING	COHO	SOCKEYE	CUTTROUT	RAINBOW	STEELHEAD	LAKE TROUT	DOLY WARDEN	A R C T I C GRAYLING	NORTHERN PIKE	BHEEFISH *						
	R	X																
	R	X																
	R	X																
	R	X																
	R	X																
	R	X																

SPORT FISH LICENSE NUMBER OF EACH CLIENT, NONPAYING ANGLER, AND CREW TRAP FISHED AND RECORD ALL THOSE ANGLERS UNDER 16 AS "YOUTH ANGLER" (Y1, Y2, ETC.)

GUIDE SIGNATURE \_\_\_\_\_

CONTINUE ON NEXT PAGE IF MORE THAN 8 ANGLERS.  
RETURN WHITE COPY TO ADF&G



Alaska Department of Fish & Game  
**2008 Freshwater Sport Fish Trip Logbook**  
 RETURN TO: 333 RASPBERRY ROAD, ANCHORAGE, AK 99518 • QUESTIONS: (907) 287-2369

LOGBOOK NO. \_\_\_\_\_

**TRIP INFORMATION**

ADF&G GUIDE LICENSE #: \_\_\_\_\_

DATE FISHED: \_\_\_\_\_ (Month) \_\_\_\_\_ (Day) \_\_\_\_\_, 2008

RIVER / STREAM / LAKE (SPECIFY) \_\_\_\_\_

SITE CODE (REFER TO SITE CODE LIST) \_\_\_\_\_

PAGE NO. \_\_\_\_\_ OF \_\_\_\_\_

TOTAL NO OF PAGES FOR THIS TRIP ↑ \_\_\_\_\_

\* WRITE IN OTHER SPECIES HERE \_\_\_\_\_

Sport Fish License Number of each Client, Nonresiding angler, and Crew THAT FISHED. Record all these anglers under 18 as "Youth Angler" (#1, #2 etc.)	Crew		SPECIES										
	Resident	Nonresident	KEPT	SALMON			TROUT			OTHER			
	Resident	Nonresident	KEPT	COHO	SOCKEYE	CLYBONAT	RAINBOW	STEELHEAD	LAKE TROUT	DOLLY WARDEN	ARCTIC GRAYLING	NORTHERN PIKE	SHEEPSHANK
R	X		K				KEPT						
R	X		K				RELEASED						
R	X		K				RELEASED						
R	X		K				RELEASED						
R	X		K				RELEASED						
R	X		K				RELEASED						
R	X		K				RELEASED						

GUIDE SIGNATURE \_\_\_\_\_

CONTINUE ON NEXT PAGE IF MORE THAN 5 ANGLERS. RETURN WHILE COPY TO ADF&G

**APPENDIX E**  
**ADF&G COMMISSIONER STATEMENT**

**APPENDIX F**  
**SALTWATER LOGBOOK SUMMARIES BY AREA AND**  
**PORT OF OFFLOADING**

Appendix F2.-Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2006.

Area	Port of Offloading	Businesses*	Vessels*	Trips	Angler Days	King Salmon ≥ 28"		King Salmon < 28"		Coho		Sockeye Kept	Pink Kept	Chum Kept
						Kept	Released	Kept	Released	Kept	Released			
J	Cordova	9	12	203	857	0	0	0	0	492	296	5	122	111
J	Seward	102	142	5,439	42,681	1,057	57	176	90	44,892	422	126	1,163	39
J	Valdez	44	50	1,832	9,992	52	5	35	24	12,647	257	31	552	14
J	Whittier	28	30	637	3,247	8	8	8	3	900	36	156	113	20
J	Other	5	7	96	500	0	0	0	0	463	59	1	24	4
P	Anchor Point	48	53	1,682	10,137	623	23	20	6	737	5	24	422	7
P	Deep Creek	89	114	4,233	27,109	1,146	71	47	9	143	0	6	63	1
P	Homer	167	196	7,476	58,222	2,162	103	135	67	6,079	88	89	1,666	55
P	Ninilchik	20	24	511	2,924	176	12	2	0	5	0	2	7	3
P	Seldovia	7	7	140	803	5	0	1	0	79	3	1	38	4
P	Other	10	22	626	2,286	372	17	21	0	633	83	1	27	0
Q	Anton Larsen Bay	8	8	62	313	153	1	1	1	18	0	0	10	0
Q	Kodiak	35	35	1,155	6,258	2,693	49	118	30	3,120	101	26	821	14
Q	Larsen Bay	9	20	520	2,104	109	33	3	18	1,787	278	20	63	19
Q	Old Harbor	4	9	368	1,317	723	57	6	3	678	21	7	68	18
Q	Port Lions	9	9	350	1,512	897	34	28	10	892	300	5	65	5
Q	Ugak Bay	4	5	68	354	79	2	0	0	130	28	0	18	1
Q	Other	26	40	783	2,893	204	56	35	9	2,729	517	338	239	11
R	Other	11	14	175	636	2	0	0	0	65	28	1	4	3
	Other SC	4	8	227	1,550	2	0	0	0	882	10	0	67	1
SC Total		479	622	26,583	175,695	10,463	528	636	270	77,371	2,532	839	5,552	330

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 07/15/09.

\* Business and vessel regional and total counts are not additive as they can offload at various ports.

Appendix F3.-Saltwater logbook salmon participation, effort, kept and released by region, statewide, 2006.

Region	Businesses	Vessels	Trips	Angler Days	King Salmon ≥ 28"		King Salmon < 28"		Coho		Sockeye Kept	Pink Kept	Chum Kept
					Kept	Released	Kept	Released	Kept	Released			
SE Total	439	747	39,088	154,549	56,548	12,855	1,062	12,184	135,830	3,624	898	27,456	2,643
SC Total	479	622	26,583	175,695	10,463	528	636	270	77,371	2,532	839	5,552	330
Total	917	1,368	65,671	330,244	67,011	13,383	1,698	12,454	213,201	6,156	1,737	33,008	2,973

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 07/15/09.

Appendix F5.—Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2006.

Area	Port of Offloading	Businesses*	Vessels*	Trips	Angler Days	Halibut		Lingcod		Pelagic		Yelloweye		Other Non-Pelagic		Salmon Shark			
						Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released
						Rockfish													
J	Cordova	9	12	203	857	581	325	123	109	302	76	127	23	83	2	2	9		
J	Seward	102	142	5,439	42,681	47,866	26,680	4,327	3,683	19,924	4,446	3,898	182	1,691	373	15	34		
J	Valdez	44	50	1,832	9,992	9,335	8,575	1,830	1,223	1,480	122	1,349	124	310	39	171	58		
J	Whittier	28	30	637	3,247	3,724	2,805	324	228	505	77	753	20	340	27	8	4		
J	Other	5	7	96	500	501	248	18	15	94	40	99	4	70	7	5	1		
P	Anchor Point	48	53	1,682	10,137	18,525	21,212	225	212	66	19	47	4	7	0	2	15		
P	Deep Creek	89	114	4,233	27,109	49,889	64,178	32	6	11	0	9	0	2	0	2	7		
P	Homer	167	196	7,476	58,222	102,442	171,735	2,362	1,391	4,288	1,474	814	54	311	126	4	161		
P	Ninilchik	20	24	511	2,924	5,361	5,522	0	0	0	0	0	0	0	0	9	0		
P	Seldovia	7	7	140	803	1,297	1,189	34	25	15	12	36	1	0	2	1	13		
P	Other	10	22	626	2,286	3,315	4,411	1	50	33	210	1	0	0	0	0	0		
Q	Anton Larsen Bay	8	8	62	313	505	379	0	1	10	64	0	0	0	0	0	0		
Q	Kodiak	35	35	1,155	6,258	9,141	5,356	619	133	4,182	1,719	148	4	100	37	1	13		
Q	Larsen Bay	9	20	520	2,104	2,710	6,830	68	93	545	119	54	0	30	0	2	3		
Q	Old Harbor	4	9	368	1,317	1,323	772	60	19	558	227	177	5	52	2	0	0		
Q	Port Lions	9	9	350	1,512	1,496	1,495	8	5	401	429	9	0	27	0	0	0		
Q	Ugak Bay	4	5	68	354	203	133	15	18	152	265	0	0	2	5	0	0		
Q	Other	26	40	783	2,893	2,940	2,789	238	121	374	742	100	27	11	78	1	8		
R	Other	11	14	175	636	779	1,021	1	2	85	393	5	0	2	0	1	4		
	Other SC	4	8	227	1,550	1,011	152	124	82	2,370	29	245	8	131	7	0	1		
	SC Total	479	622	26,583	175,695	262,944	325,807	10,409	7,416	35,395	10,463	7,871	456	3,169	705	224	331		

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 07/15/09.

\* Business and vessel regional and total counts are not additive as they can offload at various ports.

Appendix F6.—Saltwater logbook bottomfish participation, effort, kept and released by region, statewide, 2006.

Region	Businesses	Vessels	Trips	Angler Days	Halibut		Lingcod		Pelagic		Yelloweye		Other Non-Pelagic		Salmon Shark	
					Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released
					Rockfish											
SE Total	439	747	39,088	154,549	114,422	52,726	12,761	15,592	38,211	14,617	20,767	1,510	16,515	4,840	60	112
SC Total	479	622	26,583	175,695	262,944	325,807	10,409	7,416	35,395	10,463	7,871	456	3,169	705	224	331
Total	917	1,368	65,671	330,244	377,366	378,533	23,170	23,008	73,606	25,080	28,638	1,966	19,684	5,545	284	443

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 07/15/09.

Appendix F8.--Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2007.

Area	Port of Offloading	Businesses*	Vessels*	Trips	Angler Days	King Salmon ≥ 28"		King Salmon < 28"		Sockeye Kept	Pink Kept	Chum Kept
						Kept	Released	Kept	Released			
J	Chenega	4	4	58	227	12	10	0	0	9	0	31
J	Cordova	7	9	173	679	1	0	0	0	242	1	66
J	Seward	104	143	5,700	42,142	661	44	113	47	58,473	438	1,760
J	Valdez	46	55	1,694	8,549	24	3	26	116	11,224	154	571
J	Whittier	31	34	753	3,537	19	0	0	3	1,527	56	118
P	Anchor Point	46	51	1,762	8,905	500	13	7	4	832	42	112
P	Deep Creek	87	116	4,428	24,327	670	23	21	4	208	2	18
P	Happy Valley	4	16	637	2,247	414	10	13	3	427	0	11
P	Homer	165	190	7,506	52,791	1,063	108	101	27	7,183	112	806
P	Nimilichik	15	15	446	2,139	105	7	0	0	19	0	0
P	Seldovia	10	11	195	869	4	1	0	0	127	1	56
P	Other	10	11	62	225	5	0	5	0	83	7	0
Q	Kodiak	38	38	1,326	6,029	3,661	77	98	21	2,314	102	608
Q	Larsen Bay	8	18	559	2,157	27	0	2	0	2,242	234	38
Q	Old Harbor	4	9	370	1,297	474	5	0	0	396	3	25
Q	Port Lions	10	12	424	1,819	353	20	26	9	1,831	71	100
Q	Raspberry Island	4	5	54	291	28	3	0	28	282	21	46
Q	Other	28	41	909	3,239	170	100	154	20	3,168	459	158
R	Chignik	4	4	16	49	0	0	0	0	10	0	0
R	Other	13	17	216	797	9	0	0	0	32	0	1
	Other SC	9	12	265	1,649	1	0	0	0	955	10	132
SC Total		488	641	27,553	163,964	8,201	424	566	282	91,765	1,463	4,619

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 07/15/09.

\* Business and vessel regional and total counts are not additive as they can offload at various ports.

Appendix F9.--Saltwater logbook salmon participation, effort, kept and released by region, Statewide, 2007.

Region	Businesses	Vessels	Trips	Angler Days	King Salmon ≥ 28"		King Salmon < 28"		Sockeye Kept	Pink Kept	Chum Kept
					Kept	Released	Kept	Released			
SE Total	430	768	39,599	158,551	49,835	6,874	1,576	11,881	195,501	4,040	68,953
SC Total	488	641	27,553	163,964	8,201	424	566	282	91,765	2,693	4,619
Total	918	1,409	67,152	322,515	58,036	7,298	2,142	12,163	287,266	6,733	73,572

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Data are current as of 07/15/09.

Appendix F11.—Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2007.

Area	Port of Offloading	Businesses*	Vessels*	Trips	Angler Days	Rockfish												
						Halibut		Lingcod		Pelagic		Yelloweye		Other Non-Pelagic		Salmon Shark		
						Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	
J	Chenega	4	4	58	227	339	145	66	190	404	41	35	1	3	0	0	0	0
J	Cordova	7	9	173	679	594	312	76	49	422	33	99	11	103	21	1	0	0
J	Seward	104	143	5,700	42,142	53,694	29,272	5,693	4,633	26,299	3,491	4,415	84	1,758	263	24	1	1
J	Valdez	46	55	1,694	8,549	8,625	9,089	1,963	1,332	2,785	203	1,783	213	401	126	148	0	0
J	Whittier	31	34	753	3,537	3,328	2,676	284	563	779	912	614	13	211	28	4	1	1
P	Anchor Point	46	51	1,762	8,905	16,573	22,981	124	257	75	12	26	0	1	0	0	0	0
P	Deep Creek	87	116	4,428	24,327	45,541	63,804	109	28	98	4	14	6	6	2	2	0	0
P	Happy Valley	4	16	637	2,247	3,405	3,543	3	0	0	0	0	0	0	0	0	0	0
P	Homer	165	190	7,506	52,791	97,213	151,973	4,428	2,740	6,624	1,505	951	22	339	36	5	0	0
P	Ninilchik	15	15	446	2,139	4,012	7,394	0	17	6	2	16	0	0	0	1	0	0
P	Seldovia	10	11	195	869	1,449	1,611	42	70	12	63	39	5	4	0	0	0	0
P	Other	10	11	62	225	217	306	4	13	0	0	1	0	0	0	0	0	0
Q	Kodiak	38	38	1,326	6,029	9,457	6,774	845	119	7,303	2,063	226	24	188	81	3	0	0
Q	Larsen Bay	8	18	559	2,157	2,794	6,317	61	33	1,183	188	160	7	145	14	0	0	0
Q	Old Harbor	4	9	370	1,297	1,277	503	113	43	1,513	1,060	208	2	49	33	1	0	0
Q	Port Lions	10	12	424	1,819	1,827	1,357	70	30	733	441	28	1	71	115	0	0	0
Q	Raspberry Island	4	5	54	291	212	305	36	15	49	157	0	0	2	9	1	0	0
Q	Other	28	41	909	3,239	3,430	3,294	542	310	1,254	3,712	186	23	50	62	0	0	0
R	Chignik	4	4	16	49	73	54	2	0	36	0	0	0	0	0	0	0	0
R	Other	13	17	216	797	1,072	1,542	5	5	149	553	23	0	4	0	0	0	0
R	Other SC	9	12	265	1,649	770	411	106	131	2,606	249	366	36	191	105	0	0	0
SC Total		488	641	27,553	163,964	255,902	313,663	14,572	10,578	52,330	14,689	9,190	448	3,526	895	190	2	2

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 07/15/09.

\* Business and vessel regional and total counts are not additive as they can offload at various ports.

Appendix F12.—Saltwater logbook bottomfish participation, effort, kept and released by region, statewide, 2007.

Region	Businesses	Vessels	Trips	Angler Days	Rockfish													
					Halibut		Lingcod		Pelagic		Yelloweye		Other Non-Pelagic		Salmon Shark			
					Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released		
SE Total	430	768	39,599	158,551	123,571	51,707	8,616	18,862	46,970	10,389	19,454	1,353	18,461	3,398	54	0	0	0
SC Total	488	641	27,553	163,964	255,902	313,663	14,572	10,578	52,330	14,689	9,190	448	3,526	895	190	2	2	2
Total	918	1,409	67,152	322,515	379,473	365,370	23,188	29,440	99,300	25,078	28,644	1,801	21,987	4,293	244	2	2	2

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Data are current as of 07/15/09.

Appendix F14.-Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2008.

Area	Port of Offloading	Businesses*	Vessels*	Trips	Angler Days	King Salmon ≥ 28"		King Salmon < 28"		Coho		Sockeye Kept	Pink Kept	Chum Kept
						Kept	Released	Kept	Released	Kept	Released			
J	Cordova	5	7	102	349	0	0	0	0	54	18	2	32	4
J	Seward	98	136	5,182	39,091	354	27	57	57	38,711	485	261	2,838	32
J	Valdez	40	47	1,412	7,159	23	4	13	7	6,636	117	35	626	3
J	Whittier	28	31	755	3,726	5	0	1	1	617	114	107	195	93
J	Other	8	10	106	531	4	0	5	2	696	39	6	43	7
P	Anchor Point	44	49	1,419	7,297	222	6	21	10	249	0	7	158	1
P	Deep Creek	75	100	4,196	23,318	387	4	27	3	134	0	1	35	14
P	Homer	144	166	6,461	45,650	657	13	70	10	4,341	21	63	651	9
P	Nimichik	27	29	487	2,197	89	0	4	0	0	0	0	1	0
P	Seldovia	8	8	176	784	5	0	0	0	104	0	0	35	0
P	Other	10	21	593	2,074	255	11	2	0	540	3	5	52	0
Q	Anton Larsen Bay	6	6	17	66	7	0	0	0	5	0	0	12	0
Q	Kodiak	47	49	1,350	5,839	2,583	120	242	131	3,265	76	16	704	15
Q	Larsen Bay	9	16	461	1,782	116	53	69	71	1,438	37	21	61	0
Q	Port Lions	11	14	329	1,325	190	10	14	16	887	38	7	152	4
Q	Rasperry Island	5	5	73	336	17	40	1	1	63	4	4	46	6
Q	Other	25	40	1,127	3,963	416	60	81	17	2,674	129	246	188	10
R	Other	9	14	176	596	0	0	0	0	55	49	0	1	1
	Other SC	6	9	135	634	1	0	5	0	228	0	0	43	0
	SC Total	459	596	24,557	146,717	5,331	348	612	326	60,697	1,130	781	5,873	199

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 07/15/09.

\* Business and vessel regional and total counts are not additive as they can offload at various ports.

Appendix F15.-Saltwater logbook salmon participation, effort, kept and released by region, Statewide, 2008.

Region	Businesses	Vessels	Trips	Angler Days	King Salmon ≥ 28"		King Salmon < 28"		Sockeye Kept	Pink Kept	Chum Kept		
					Kept	Released	Kept	Released					
SE Total	429	759	37,449	150,793	20,552	8,421	672	9,682	125,072	1,701	730	47,292	3,357
SC Total	459	596	24,557	146,717	5,331	348	612	326	60,697	1,130	781	5,873	199
Total	888	1,355	62,006	297,510	25,883	8,769	1,284	10,008	185,769	2,831	1,511	53,165	3,556

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Data are current as of 07/15/09.

Appendix F17.—Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southcentral Alaska, 2008.

Area	Port of Offloading	Businesses <sup>a</sup>	Vessels <sup>a</sup>	Trips	Angler Days	Rockfish											
						Halibut		Lingcod		Pelagic		Yelloweye		Other Non-Pelagic		Salmon Shark	
						Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released
J	Cordova	5	7	102	349	183	53	58	58	309	67	81	6	57	5	1	0
J	Valdez	40	47	1,412	7,159	6,818	4,990	1,886	985	2,153	59	1,470	169	345	27	45	0
J	Seward	98	136	5,182	39,091	50,194	26,642	6,536	4,314	28,723	3,156	4,375	142	2,101	241	10	0
J	Whittier	28	31	755	3,726	4,266	2,854	616	460	1,473	345	702	13	362	126	9	0
J	Other	8	10	106	531	342	197	69	164	289	86	63	19	70	55	0	0
P	Anchor Point	44	49	1,419	7,297	13,813	19,992	409	438	286	18	72	0	2	0	1	0
P	Deep Creek	75	100	4,196	23,318	43,555	60,633	117	47	197	1	16	0	1	0	0	0
P	Homer	144	166	6,461	45,650	82,104	114,970	4,594	2,566	5,861	967	1,016	54	242	35	0	0
P	Nimitchik	27	29	487	2,197	4,088	5,695	5	13	2	1	20	0	0	1	0	0
P	Seldovia	8	8	176	784	1,370	1,814	82	43	22	50	45	10	1	1	0	0
P	Other	10	21	593	2,074	3,163	3,783	2	1	0	0	0	0	0	0	0	0
Q	Anton Larsen Bay	6	6	17	66	88	84	1	0	34	0	0	0	0	0	0	0
Q	Kodiak	47	49	1,350	5,839	8,647	7,169	1,178	350	7,746	1,530	441	4	124	27	1	0
Q	Larsen Bay	9	16	461	1,782	2,692	6,808	48	71	596	178	135	3	74	71	0	0
Q	Port Lions	11	14	329	1,325	1,583	1,096	117	25	593	328	20	1	63	24	0	0
Q	Raspberry Island	5	5	73	336	333	381	39	22	73	131	4	0	19	0	0	0
Q	Other	25	40	1,127	3,963	4,218	4,315	700	500	2,489	2,590	478	15	135	200	0	0
R	Other	9	14	176	596	883	1,361	24	49	131	552	15	2	0	0	0	0
R	Other SCI	6	9	135	634	824	267	85	48	704	26	116	16	24	51	1	0
SC Total		459	596	24,557	146,717	229,164	263,104	16,566	10,154	51,681	10,085	9,069	453	3,622	864	68	0

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 07/15/09.

<sup>a</sup> Business and vessel regional and total counts are not additive as they can offload at various ports.

Appendix F18.—Saltwater logbook bottomfish participation, effort, kept and released by region, statewide, 2008.

Region	Businesses	Vessels	Trips	Angler Days	Rockfish												
					Halibut		Lingcod		Pelagic		Yelloweye		Other Non-Pelagic		Salmon Shark		
					Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	Kept	Released	
SE Total	429	759	37,449	150,793	110,554	40,111	7,499	20,736	68,963	9,683	18,328	1,287	20,910	3,471	26	1	0
SC Total	459	596	24,557	146,717	229,164	263,104	16,566	10,154	51,681	10,085	9,069	453	3,622	864	68	0	0
Total	888	1,355	62,006	297,510	339,718	303,215	24,065	30,890	120,644	19,768	27,397	1,740	24,532	4,335	94	1	0

Note: Participation (number of businesses, vessels, trips, and angler days) was determined by number of trips, not by targeted species. Data are current as of 07/15/09.

**APPENDIX G**  
**FRESHWATER LOGBOOK SUMMARIES BY AREA**

Appendix G2.-Freshwater logbook participation by site code and area, Southcentral Alaska, 2006.

Area	Description	Trips	Businesses*	Guides*	Resident		Nonres	Angler Days		Crew	Total
					Resident	Nonres		Unknown	Crew		
J	East Prince William Sound Streams	93	4	9	25	433	0	4	462		
J	Other Lakes and Streams	12	7	9	6	52	0	1	59		
K	Knik Arm Streams	375	13	19	486	853	11	44	1,394		
M	Willow Creek	88	13	14	40	146	0	1	187		
M	Montana Creek	21	4	5	14	31	0	2	47		
M	Clear Creek (Chunitha Creek)	80	9	16	31	276	15	1	323		
M	Little Willow Creek	39	9	10	25	101	8	3	137		
M	Kashwitna River	54	5	5	79	133	1	9	222		
M	Talkeetna River	417	10	31	182	1,489	101	48	1,820		
M	Other Lakes and Streams - East Susitna Drainage	72	13	16	24	155	2	4	185		
M	Lake Creek	1,072	25	61	240	2,950	39	95	3,324		
M	Talachulitna River	392	11	22	159	1,024	7	33	1,223		
M	Fish Lake Creek and Fish Lakes	69	6	16	5	156	0	2	163		
M	Yentna River Drainage (Remainder)	135	16	25	25	458	0	3	486		
M	Yentna River	197	9	23	29	507	2	10	548		
M	Deshka River (Kroto Creek) above weir	94	11	14	120	196	5	23	344		
M	Deshka River (Kroto Creek) below weir	312	18	26	362	825	31	28	1,246		
M	Indian Creek (into Yentna near Fish Lakes)	126	8	21	31	324	1	40	396		
M	Other Lakes - West Susitna Drainage	6	4	5	2	22	0	0	24		
M	Other Streams - West Susitna Drainage	44	7	10	20	124	0	3	147		
M	Other Lakes and Streams	21	5	5	0	82	0	0	82		
N	Chuitna River	115	15	27	31	374	1	1	407		
N	Big River Lakes	912	16	43	128	3,265	97	7	3,497		
N	Crescent Lake	16	8	11	0	74	3	0	77		
N	Crescent River (Grecian River)	136	4	6	6	460	3	0	469		
N	Kamishak River	162	10	34	2	488	0	5	495		
N	Kustatan River	253	17	43	44	1,051	15	12	1,122		
N	Bachatna Creek	12	5	7	0	52	0	0	52		
N	Other Lakes and Streams	151	10	17	32	438	2	0	472		
N	Wolverine Creek (by Big River Lakes)	809	15	42	96	2,887	101	6	3,090		
P	Anchor River	52	9	10	0	166	2	4	172		
P	Deep Creek	25	5	6	0	103	4	0	107		
P	Russian River	88	13	19	10	169	1	2	182		
P	Crescent Lake	18	4	7	0	66	4	0	70		
P	Quartz Creek	18	6	6	3	46	0	0	49		
P	Kasilof River below Highway	1,936	113	151	766	5,670	14	113	6,563		
P	Kasilof River above Highway	47	14	15	11	139	2	6	158		
P	Kasilof River reach not specified	57	18	21	25	155	2	0	182		
P	Other Lakes	73	14	20	9	189	3	26	227		
P	Other Streams	145	15	21	34	549	7	12	602		

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Appendix G2.-Page 3 of 3.

Area	Description	Trips	Businesses*	Guides*	Resident	Nonres	Angler Days		Total
							Unknown	Crew	
S	Nonvianak Lake	30	10	15	7	58	0	0	65
S	Nonvianak River (into Alagnak)	208	14	50	7	554	0	69	630
S	Tazimina River	68	7	22	3	164	1	0	168
S	Moraine Creek	645	22	107	30	1,522	23	56	1,631
S	Battle River	108	10	27	2	274	1	4	281
S	Funnel Creek	52	10	18	3	109	0	0	112
S	Nanuktuk Creek	103	13	33	8	231	0	0	239
S	Long Lake	26	5	8	1	86	0	0	87
S	Kijik River	21	4	10	0	72	0	0	72
S	Kijik Lake	9	4	7	0	28	0	0	28
S	Gibaltar River	145	10	27	8	321	0	1	330
S	Kukaktek River (Big Ku) (into Alagnak)	427	14	55	36	863	5	1	905
S	Little Kulik (into Nanuktuk Creek)	26	6	12	0	59	0	0	59
S	Other Lakes and Streams	17	6	9	0	41	0	0	41
T	Nushagak River System	226	22	34	17	552	4	66	639
T	Wood River Lakes System	265	10	50	3	627	6	5	641
T	Tikchik-Nuyakuk Lake System	138	8	24	7	271	3	1	282
T	Togiak River System	1,173	10	61	19	2,419	34	13	2,485
T	Mulchatna River	97	14	22	19	359	11	27	416
T	Agulowak River	499	9	45	5	1,019	8	3	1,035
T	Aleknagik Lake	150	5	22	1	367	4	2	374
T	Kulukak River	155	4	12	2	324	3	0	329
T	Agulukpak River	304	10	43	3	593	2	1	599
T	Nushagak River - upstream of Mulchatna River	368	15	46	5	734	0	2	741
T	Wood River	51	4	16	5	131	1	0	137
T	Nushagak River - Black Point to Sonar Site	1,225	32	110	210	3,443	34	56	3,743
T	Nushagak River - Sonar Site to Mulchatna	1,506	38	134	196	4,386	38	196	4,816
T	Other Lakes and Streams	232	8	22	0	461	5	0	466
T	Other Lakes and Streams in SC	98	3	4	17	318	3	0	338
SC total		39,512	528	1,224	9,742	111,956	1,234	2,123	125,055

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/07/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G4.-Freshwater logbook participation by region, 2006.

Region	Trips	Businesses*	Guides*	Angler Days				Total
				Resident	Nonres	Unknown	Crew	
SE	3,038	69	173	106	10,970	209	179	11,464
SC	39,512	528	1,224	9,742	111,956	1,234	2,123	125,055
AYK	4,231	71	194	883	9,573	141	291	10,888
Total	46,781	643	1,518	10,731	132,499	1,584	2,593	147,407

Note: Data are current as of 08/07/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G6.-Freshwater logbook effort and species released by area and site, Southeast Alaska 2006.

Area Description	Angler Days	Salmon				Rainbow	Steelhead	Dolly Varden	Grayling
		King	Coho	Snake	Chinook				
A Other Lakes	352	0	2	4	1,326	34	0	352	23
A Other Streams	424	4	26	0	74	119	1	192	0
B Harris River	88	0	23	0	6	0	1	223	0
B Stoney Creek	128	0	25	1	7	3	20	237	0
B Thome System Stream and Lake	147	0	28	4	62	17	20	535	0
B Sweetwater System Stream and Lake	47	0	0	98	11	2	0	3	0
B Other Lakes	96	0	8	7	68	5	0	114	0
B Other Streams	192	0	12	95	240	106	23	334	0
C All Lakes and Streams	147	26	16	23	272	55	51	102	0
C Eva Lake and Stream	50	0	0	0	157	2	0	39	0
D Unspecified Streams	81	0	19	10	20	247	0	439	0
D Baranof Lake (Warm Springs Lake)	92	0	0	0	530	4	0	3	0
D Deer Lake (Baranof Island)	30	2	25	0	0	10	0	0	0
D Nakwasna Sound Streams	78	0	0	0	0	0	0	262	0
D Other Lakes	41	0	15	0	5	14	0	59	0
D Other Streams	754	0	86	0	361	230	4	3,883	91
E Admiralty Island Streams	1,059	0	374	8	35	4	0	3,443	50
E Other Lakes	96	0	129	2	121	2	0	245	0
E Other Streams	1,650	0	134	15	26	5	7	4,354	0
G Mud Bay Creek (Chichagof Island)	108	0	2	0	1	1	0	608	14
G Trail River (Chichagof Island)	123	0	7	0	0	0	0	255	0
G Chicken Creek (Chichagof Island)	27	0	0	0	10	0	1	200	0
G North Chichagof Island Streams	52	0	28	0	5	0	0	158	0
H Situk River (reach unspecified)	1,042	127	965	926	1	16	1,210	59	67
H Akwe River	478	105	2,293	1	186	4	73	154	4
H Tsiu River	1,494	0	9,939	1	0	0	25	12	0
H Other Lakes and Streams	1,703	69	4,289	836	6	0	0	10	0
H Other Lakes and Streams in SE	885	0	29	473	3	0	0	891	7
SE Total	11,464	333	18,474	2,504	3,533	880	1,436	17,166	256

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/07/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G7.-Page 2 of 3.

Area	Description	Angler		Salmon					Rainbow	Steelhead	Dolly Varden	Grayling
		Days	King	Coho	Sockeye	Cutthroat						
P	Kenai River - Cook Inlet to Soldotna Bridge	33,331	8,099	5,422	1,210	0	227	0	174	17		
P	Kenai River - Soldotna Bridge to Moose R.	2,843	475	800	1,121	0	209	0	13	1		
P	Kenai River - Moose River to Skilak Outlet	3,339	100	1,418	1,541	0	91	0	98	0		
P	Kenai River - Skilak Inlet to Kenai Lake	6,233	16	176	2,709	0	95	0	70	0		
P	Kenai River - reach not specified	285	48	20	130	0	0	0	1	0		
Q	Buskin River	54	0	91	0	0	0	0	8	0		
Q	Passagshak River	49	0	10	24	0	0	0	4	0		
Q	Roadside Streams	272	1	97	49	0	0	0	29	0		
Q	Other Remote Lakes and Streams	1,425	124	366	668	0	2	1	202	0		
Q	Roadside Lakes	172	9	28	6	0	1	0	97	0		
Q	Olds River	61	0	8	0	0	0	0	1	0		
Q	Ayakulik River (sometimes called Red River)	954	54	502	528	0	0	2	111	0		
Q	Saltory River	867	0	507	108	0	0	0	359	1		
Q	Browns Lagoon River	49	0	2	0	0	0	0	5	0		
Q	Afognak Island Lakes and Streams	56	0	70	10	0	1	0	0	0		
Q	Chiniak River	24	0	1	0	0	0	0	0	0		
Q	Zachar Bay Streams	124	0	227	0	0	0	0	7	0		
Q	Karluk Lake and River above Weir	986	587	81	65	0	3	7	61	0		
Q	Karluk Lagoon and River below Weir	795	134	1,141	654	5	0	3	29	0		
Q	Other Streams	86	0	0	1	0	0	0	125	0		
R	Naknek River and Tributaries	1,543	496	828	288	0	29	0	9	0		
R	Naknek Lake	234	0	0	5	0	0	0	0	0		
R	Brooks River	848	0	0	0	0	36	0	0	0		
R	Ugashik System	186	0	38	2	0	0	0	33	1		
R	Becharof System	1,129	20	1,485	163	0	2	0	41	3		
R	Brooks Lake	77	2	0	4	0	5	0	0	0		
R	Chignik River	181	245	0	0	0	0	0	25	0		
R	American Creek	1,258	0	0	0	0	16	0	0	0		
R	Naknek River (Rapids Camp upstream to Naknek Lk)	1,205	110	745	965	0	13	0	0	0		
R	Naknek River (downstream from Rapids Camp)	756	435	208	160	0	1	0	0	0		
R	Other Alaska Peninsula / Aleutian Lakes and Streams	1,681	327	1,552	321	0	1	0	56	1		
R	Other Streams	417	0	220	19	0	26	0	7	0		
S	Kvichak River	2,160	34	361	1,145	0	91	0	0	62		
S	Lower Talarik Creek	165	0	5	0	0	0	0	0	0		
S	Copper River (Lake Iliamna Area)	1,282	0	0	394	0	56	0	0	0		
S	Newhalen River	275	0	15	593	0	0	0	0	16		
S	Alagnak (Branch) River	5,093	684	815	3,347	0	160	0	6	75		
S	Lake Clark	247	0	0	10	0	0	0	4	2		
S	Iliamna River	431	8	0	634	0	3	0	0	0		

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Appendix G8.--Freshwater logbook effort and species released by area and site, Southcentral Alaska, 2006.

Area	Description	Angler		Salmon					Rainbow	Steelhead	Dolly Varden	Grayling
		Days	King	Coho	Sockeye	Cutthroat	Steelhead	Grayling				
J	East Prince William Sound Streams	462	36	3,574	54	18	34	1	91	0	0	
J	Other Lakes and Streams	59	0	37	120	4	0	0	131	0	0	
K	Streams	1,394	72	625	24	6	3	0	10	0	0	
M	Willow Creek	187	26	71	0	0	1,273	0	4	0	205	
M	Montana Creek	47	3	0	0	0	398	0	0	0	8	
M	Clear Creek (Chumina Creek)	323	45	166	5	0	48	0	25	0	0	
M	Little Willow Creek	137	28	212	0	0	16	0	0	0	0	
M	Kashwitna River	222	63	52	20	0	33	0	0	0	0	
M	Talkeena River	1,820	517	575	15	1	281	3	696	0	140	
M	Other Lakes and Streams - East Susitna Drainage	185	12	11	0	0	204	0	0	0	40	
M	Lake Creek	3,324	1,131	1,541	51	2	2,512	3	4	0	857	
M	Talachulitna River	1,223	903	3,019	46	0	1,387	0	72	0	297	
M	Fish Lake Creek and Fish Lakes	163	9	0	0	0	1	0	0	0	0	
M	Yentna River Drainage (Remainder)	486	154	690	20	0	357	0	27	0	120	
M	Yentna River	548	188	14	3	14	222	0	17	0	26	
M	Deshka River (Kroto Creek) above weir	344	159	22	2	0	519	0	0	0	5	
M	Deshka River (Kroto Creek) below weir	1,246	179	1,391	0	2	69	0	0	0	1	
M	Indian Creek (into Yentna near Fish Lakes)	396	71	215	3	0	1	0	0	0	0	
M	Other Lakes - West Susitna Drainage	24	0	0	0	0	0	0	0	0	0	
M	Other Streams - West Susitna Drainage	147	15	1,082	0	0	29	0	0	0	65	
M	Other Lakes and Streams	82	6	25	9	0	6	0	0	0	187	
N	Chuitna River	407	258	971	0	0	20	0	2	0	0	
N	Big River Lakes	3,497	51	2,924	6,447	0	0	0	43	0	0	
N	Crescent Lake	77	1	29	26	0	0	0	563	0	0	
N	Crescent River (Greecian River)	469	4	296	148	0	0	0	943	0	0	
N	Kamishak River	495	36	2,811	42	0	0	0	2,498	0	0	
N	Kustatan River	1,122	0	1,609	12	0	0	0	238	3	0	
N	Bachatna Creek	52	0	397	0	0	0	0	14	0	0	
N	Other Lakes and Streams	472	60	1,481	15	0	48	0	943	0	0	
N	Wolverine Creek (by Big River Lakes)	3,090	2	823	7,719	0	1	0	17	0	0	
P	Anchor River	172	11	20	0	0	32	10	170	12	0	
P	Deep Creek	107	3	46	0	0	0	4	39	0	0	
P	Russian River	182	0	11	203	0	864	0	110	0	0	
P	Crescent Lake	70	0	0	0	0	198	0	32	0	380	
P	Quartz Creek	49	0	0	20	0	29	0	1,080	0	0	
P	Kasilof River below Highway	6,563	1,501	71	37	2	200	217	1,039	23	23	
P	Kasilof River above Highway	158	25	0	0	0	7	6	17	4	4	
P	Kasilof River reach not specified	182	39	5	3	0	37	0	37	0	0	
P	Other Lakes	227	20	0	29	0	1,217	33	10	128	0	
P	Other Streams	602	322	1,096	5	0	213	6	468	0	0	

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Appendix G8--Page 3 of 3.

Area	Description	Angler		Salmon				Rainbow	Steelhead	Dolly Varden	Graying
		Days	King	Coho	Snakeye	Cutthroat					
S	Kukakiek Lake	24	0	0	205	0	115	0	0	0	0
S	Kulik River	1,134	0	0	214	0	19,517	0	11	0	0
S	Hiamna Lake	223	0	21	80	0	1,573	0	1	32	0
S	Nonvianuk Lake	65	0	3	2	0	826	0	0	0	0
S	Nonvianuk River (into Alagnak)	630	8	12	56	0	6,407	0	1	61	0
S	Tazimina River	168	0	0	35	0	789	0	8	2,359	0
S	Moraine Creek	1,631	21	0	287	0	17,694	0	104	285	0
S	Battle River	281	0	0	174	0	1,689	0	0	163	0
S	Funnel Creek	112	0	0	3	0	1,448	0	17	0	0
S	Nanuktuk Creek	239	0	0	28	0	3,433	0	423	45	0
S	Long Lake	87	0	0	0	0	0	0	0	7	0
S	Kijik River	72	0	0	57	0	0	0	0	904	0
S	Kijik Lake	28	0	0	53	0	0	0	1	52	0
S	Gibralhar River	330	0	20	249	0	6,014	1	0	26	0
S	Kukakiek River (Big Ku) (into Alagnak)	905	1	55	526	0	13,531	0	24	167	0
S	Little Kulik (into Nanuktuk Creek)	59	0	1	2	0	1,133	0	64	2	0
S	Other Lakes and Streams	41	0	103	4	0	284	0	178	0	0
T	Nushagak River System	639	142	132	28	0	3,163	0	1,384	3,707	0
T	Wood River Lakes System	641	504	1,320	250	0	470	0	515	735	0
T	Tikchik-Nuyakuk Lake System	282	29	157	180	0	228	0	48	1,585	0
T	Mulchatna River	2,485	6,022	11,715	117	0	1,004	5	2,420	1,110	0
T	Agulowak River	1,035	18	50	3,088	0	1,584	0	2,236	2,318	0
T	Aleknagik Lake	374	0	560	1,271	0	31	0	1,143	72	0
T	Kulukak River	329	471	1,947	57	0	40	0	18	0	0
T	Agulupak River	599	0	0	524	0	3,986	0	1,200	1,134	0
T	Nushagak River - upstream of Mulchatna River	741	136	440	20	0	4,427	0	2,044	2,774	0
T	Wood River	137	2	312	123	0	6	0	1	1	0
T	Nushagak River - Black Point to Sonar Site	3,743	12,885	379	15	0	2	0	10	1	0
T	Nushagak River - Sonar Site to Mulchatna	4,816	14,514	1,598	34	0	246	0	44	204	0
T	Other Lakes and Streams	466	163	2,011	228	0	348	0	33	402	0
T	Other Lakes and Streams in SC	338	35	61	0	0	257	0	433	37	0
SC Total		125,055	57,911	73,512	50,068	49	224,429	2,033	100,522	32,861	0

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/07/2009.  
 \* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G11.-Freshwater logbook effort and species kept by region, Statewide, 2006.

Region	Salmon								
	Angler Days	King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead	Dolly Varden	Grayling
SE	11,464	193	7,171	2,274	113	19	4	631	25
SC	125,055	23,803	44,136	28,076	7	1,512	22	2,208	324
AYK	10,888	2,198	6,418	3,438	0	27	0	594	210
Total	147,407	26,194	54,745	31,703	120	1,538	26	3,433	559

Note: Data are current as of 08/07/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G12.-Freshwater logbook effort and species released by region, Statewide, 2006.

Region	Salmon								
	Angler Days	King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead	Dolly Varden	Grayling
SE	11,464	333	18,474	2,504	3,533	880	1,436	17,166	256
SC	125,055	57,911	73,512	50,068	49	224,429	2,033	100,522	32,861
AYK	10,888	6,418	25,044	2,810	6	14,211	6	31,189	13,921
Total	147,407	64,662	117,030	55,382	3,588	239,520	3,475	148,877	47,038

Note: Data are current as of 08/07/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G14.-Freshwater logbook participation by site code and area, Southcentral Alaska, 2007.

Area	Description	Trips	Businesses <sup>1</sup>	Guides <sup>2</sup>	Resident	Nonres	Angler Days			Total
							Comped	Unknown	Crew	
J	Delight Lake	6	6	6	2	23	0	0	0	25
J	Other Lakes and Streams	90	9	12	38	368	1	1	9	416
K	Knik Arm Lakes and Streams	456	13	19	508	1,130	9	21	16	1,684
L	Anchorage Area Lakes and Streams	97	4	4	32	278	12	6	0	328
M	Willow Creek	93	8	11	42	153	1	1	3	200
M	Clear Creek (Chumitna Creek)	195	9	20	77	751	0	7	2	837
M	Sheep Creek	12	5	5	3	27	8	0	0	38
M	Little Willow Creek	28	5	4	39	58	0	4	0	101
M	Indian River (into Susitna)	30	4	6	12	93	0	1	0	106
M	Talkeetna River	363	9	24	145	1,417	2	32	10	1,606
M	Other Lakes - East Susitna Drainage	20	5	5	11	50	1	0	0	62
M	Other Streams - East Susitna Drainage	139	10	14	84	325	5	4	3	421
M	Lake Creek	1,344	21	58	367	3,444	14	10	67	3,902
M	Talachulitna River	425	10	30	64	1,342	8	8	8	1,430
M	Alexander Lake	6	4	6	0	22	0	0	1	23
M	Donkey Creek, Donkey Creek Slough	40	5	9	9	119	6	0	0	134
M	Fish Lake Creek and Fish Lakes	15	4	11	0	37	2	1	0	40
M	Yentna River Drainage (Remainder)	298	14	34	15	947	0	0	4	966
M	Yentna River	52	4	11	20	110	0	0	0	130
M	Deshka River (Kroto Creek) above weir	34	5	5	44	97	6	1	2	150
M	Deshka River (Kroto Creek) below weir	390	15	21	621	861	4	25	5	1,516
M	Indian Creek (into Yentna near Fish Lakes)	59	4	12	43	181	0	0	29	253
M	Other Lakes and Streams - West Susitna Drainage	70	10	15	42	190	0	0	5	237
M	Other Lakes and Streams	66	8	16	12	194	0	0	2	208
N	Chumitna River	136	15	24	35	508	1	3	1	548
N	Theodore River	32	4	5	13	77	2	0	4	96
N	Big River Lakes	959	30	44	196	3,395	0	33	3	3,627
N	Crescent Lake	33	14	18	11	138	0	0	0	149
N	Crescent River (Grecian River)	139	6	8	4	458	0	0	2	464
N	Kamishak River	143	7	28	8	336	1	1	8	354
N	Kustatan River	330	23	45	105	1,305	1	10	3	1,424
N	Bachatna Creek	19	7	9	8	65	0	1	0	74
N	Other Sites North Forelands to Susitna Drainage	23	5	5	0	93	0	0	0	93
N	Other Sites (South of North Forelands)	83	13	20	6	251	0	0	1	258
N	Wolverine Creek (by Big River Lakes)	915	24	46	150	3,374	5	62	3	3,594
P	Anchor River	46	5	9	9	149	2	6	7	173
P	Nimlichik River	100	5	8	5	443	13	2	12	475
P	Russian River	91	12	17	16	221	0	1	0	238
P	Swanson River Canoe Route Lakes	23	4	5	3	52	0	0	20	75
P	Crescent Creek	14	6	6	0	50	0	0	0	50

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Appendix G14.--Page 3 of 3.

Area	Description	Trips	Businesses*	Guides*	Resident	Nonres	Angler Days			Total
							Comped	Unknown	Crew	
R	Other Alaska Peninsula / Aleutian Lakes and Streams	745	19	52	63	2,197	12	2	17	2,291
R	Other Lakes and Streams	64	13	28	3	181	0	0	7	191
S	Kwichak River	922	23	100	76	1,798	16	4	34	1,928
S	Lower Talarik Creek	40	8	13	1	117	4	0	1	123
S	Copper River (Lake Iliamna Area)	492	9	35	5	1,193	22	0	1	1,221
S	Newhalen River	137	8	25	29	329	26	1	1	386
S	Alagnak (Branch) River	2,157	24	102	55	4,641	1	26	35	4,758
S	Lake Clark	106	9	23	10	312	23	0	0	345
S	Kukaklek Lake	11	6	9	0	29	0	0	0	29
S	Kulik River	387	19	56	36	1,011	7	1	0	1,055
S	Lake Iliamna	282	11	37	11	711	22	2	5	751
S	Nonvianuk Lake	26	6	6	4	99	1	1	6	111
S	Nonvianuk River (into Alagnak)	135	15	40	14	342	0	4	13	373
S	Tazimina River	59	8	18	2	161	0	0	0	163
S	Moraine Creek	653	24	104	36	1,504	22	1	52	1,615
S	Upper Talarik Creek	28	4	14	1	99	3	0	0	103
S	Battle River	129	10	33	8	342	0	0	31	381
S	Funnel Creek	21	5	14	1	50	0	0	0	51
S	Nanuk Creek	100	10	28	3	198	0	2	0	203
S	Long Lake	52	6	12	0	122	5	0	0	127
S	Kijik Lake	5	4	4	0	15	0	0	2	17
S	Gibraltier River	127	10	31	3	316	17	1	1	338
S	Kukaklek River (Big Ku) (into Alagnak)	378	14	58	44	750	6	7	8	815
S	Little Kulik (into Nanuk Creek)	41	7	16	0	83	0	0	0	83
S	Other Lakes	7	6	6	0	24	0	0	0	24
S	Other Streams	42	8	15	0	104	1	0	0	105
T	Nushagak River System	180	18	31	36	449	2	1	1	489
T	Wood River Lakes System	326	13	54	12	715	2	0	4	733
T	Tikchik-Nuyakuk Lake System	146	6	23	0	293	0	0	0	293
T	Togiak River System	1,032	7	69	19	2,184	7	0	1	2,211
T	Mulchatna River	102	15	19	14	366	0	2	4	386
T	Agulowak River	482	10	54	10	943	3	1	0	957
T	Aleknagik Lake	123	6	17	2	291	0	0	0	293
T	Agulupak River	351	11	50	4	677	2	0	2	685
T	Nushagak River - upstream of Mulchatna River	362	6	34	3	710	2	0	0	715
T	Wood River	43	4	14	1	99	0	0	0	100
T	Nushagak River - Black Point to Sonar Site	1,321	31	132	193	3,638	19	6	26	3,882
T	Nushagak River - Sonar Site to Mulchatna	1,177	34	120	188	3,511	12	2	37	3,750
T	Other Lakes and Streams	419	8	32	3	836	0	0	1	840
T	Other Lakes and Streams in SC	5	4	4	0	15	0	0	0	15
SC Total		40,543	528	1,272	11,278	112,358	572	883	1,296	126,387

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/07/2009.  
 \* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G16.-Freshwater logbook participation by region, 2007.

Region	Trips	Businesses*	Guides*	Resident	Nonres	Angler Days			Total
						Comped	Unknown	Crew	
SE	3,256	73	177	300	11,156	44	54	117	11,671
SC	40,543	528	1,272	11,278	112,358	573	883	1,296	126,388
AYK	4,898	68	224	928	11,006	125	34	169	12,262
Total	48,697	645	1,581	12,506	134,520	741	971	1,582	150,320

Note: Data are current as of 08/07/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G18.—Freshwater logbook effort and species released by area and site, Southeast Alaska 2007.

Area Description	Angler		Salmon							Lake trout	Dolly Varden	Grayling	Pike	Sheefish
	Days	King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead	0						
A Other Lakes	345	0	0	0	1,150	16	0	0	0	0	0	0	0	0
A Other Streams	602	6	14	1	104	414	0	0	151	0	0	0	0	0
B Harris River	64	0	4	0	5	0	3	0	12	0	0	0	0	0
B Luck Lake	47	0	9	158	21	17	0	0	85	0	0	0	0	0
B Stoney Creek	153	0	23	12	21	9	18	0	112	0	0	0	0	0
B Thorne System Stream and Lake	120	0	11	11	89	14	16	0	161	0	0	0	0	0
B Other Lakes	27	0	4	0	34	1	2	0	56	0	0	0	0	0
B Other Streams	212	0	29	69	285	71	3	0	345	0	0	0	0	0
C Lakes and Streams	175	2	73	2	35	51	111	0	35	0	0	0	0	0
C Plotnikof and Rezanof System Streams and Lakes	40	0	7	0	0	0	5	0	1	0	0	0	0	0
D Eva Lake and Stream	107	0	4	1	77	3	1	0	283	0	0	0	0	0
D Sitkoh Creek and Lake (Chichagof Island)	24	0	31	1	7	56	9	0	72	0	0	0	0	0
D Unspecified Streams	45	0	9	1	0	33	11	0	251	0	0	0	0	0
D Katlian River	297	0	1	0	0	1	0	0	2,161	0	0	0	0	0
D Nakwasina Sound Streams	158	0	0	0	0	0	0	0	776	0	0	0	0	0
D Baranof System	207	0	12	0	107	172	28	0	412	0	0	0	0	0
D Other Lakes	95	0	0	4	295	6	0	0	135	0	0	0	0	0
D Other Streams	490	8	19	46	42	75	21	0	3,792	0	0	0	0	0
E Dupont to Echo Cove (Juneau Road System)	63	0	129	3	26	0	0	0	149	0	0	0	0	0
E Admiralty Island Streams	529	0	217	6	30	4	0	0	1,190	0	0	0	0	0
E Chaik Bay Streams	188	0	0	1	6	0	0	0	2,018	0	0	0	0	0
E Other Lakes and Streams	1,429	0	21	0	25	0	3	0	566	0	0	0	0	0
G Mud Bay Creek (Chichagof Island)	119	0	0	0	0	0	1	0	192	0	0	0	0	0
G Trail River (Chichagof Island)	104	0	2	0	0	0	0	0	639	0	0	0	0	0
G North Chichagof Island Streams	116	0	0	0	5	0	2	0	275	0	0	0	0	0
G Other Lakes and Streams	72	0	11	0	1	0	0	0	0	0	0	0	0	0
H Situk River (reach unspecified)	1,236	87	687	854	0	32	2,196	0	12	0	0	0	0	0
H Akwe River	821	67	2,531	18	165	6	74	0	232	0	0	0	0	0
H Tsiu River	1,507	0	6,470	6	0	3	3	0	5	0	0	0	0	0
H Other Lakes and Streams	1,719	19	3,076	1,130	8	1	1	0	23	0	0	0	0	0
H Other Lakes and Streams in SE	560	0	1	211	0	0	0	0	317	0	0	0	0	0
SE Total	11,671	189	13,395	2,535	2,538	985	2,508	0	19,887	0	0	0	0	0

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/07/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G19.-Page 2 of 3.

Area	Description	Angler Days	Salmon				Curtthroat	Rainbow	Steelhead	Lake trout	Dolly Varden	Grayling	Pike	Sheefish
			King	Coho	Sockeye	Chum								
P	Crescent Lake	26	0	0	0	0	6	0	0	0	3	0	0	
P	Packers Lake (Creek) (Kalgin Island)	56	0	0	1	0	29	0	0	0	0	0	0	
P	Quartz Creek	57	4	0	0	0	2	0	0	20	0	0	0	
P	Russian Lake (Upper and Lower)	36	0	0	0	0	0	0	0	2	0	0	0	
P	Kasilof River below Highway	6,761	2,553	793	279	0	2	10	0	136	0	0	0	
P	Kasilof River above Highway	89	0	101	21	0	4	2	0	5	0	0	0	
P	Kasilof River reach not specified	220	68	38	4	0	0	3	0	5	0	0	0	
P	Other Lakes	109	0	0	0	0	11	0	4	1	0	0	0	
P	Other Streams	655	1	195	1	0	51	1	0	13	0	0	0	
P	Kenai River - Cook Inlet to Soldotna Bridge	30,139	6,613	5,610	1,281	3	146	0	1	125	1	0	0	
P	Kenai River - Soldotna Bridge to Moose R.	2,947	488	1,002	1,546	0	73	0	0	18	0	0	0	
P	Kenai River - Moose River to Skiak Outlet	3,923	124	1,580	2,037	0	183	0	1	66	0	0	0	
P	Kenai River - Skilak Inlet to Kenai Lake	6,303	10	88	2,145	0	193	0	0	61	0	0	0	
P	Kenai River - reach not specified	1,840	163	293	433	0	48	0	0	23	4	0	0	
Q	Buskin River	67	0	18	0	0	0	0	0	0	0	0	0	
Q	Pasagshak River	115	0	18	31	0	0	0	0	13	0	0	0	
Q	Roadside Streams	204	0	7	0	0	0	0	0	10	0	0	0	
Q	Other Remote Lakes and Streams	1,008	1	480	123	0	5	2	0	172	0	0	0	
Q	Roadside Lakes	148	0	32	1	0	0	0	0	18	0	0	0	
Q	American River	29	0	4	0	0	0	0	0	4	0	0	0	
Q	Dog Salmon Creek (Frazer River)	171	0	0	516	0	0	0	0	11	0	0	0	
Q	Monashka Creek	12	0	0	0	0	0	0	0	1	0	0	0	
Q	Olds River	55	0	17	0	0	0	0	0	3	0	0	0	
Q	Ayakulik River (sometimes called Red River)	1,041	116	492	661	0	0	3	0	91	0	0	0	
Q	Saltery River	844	0	247	78	0	0	0	0	650	1	0	0	
Q	Afognak Island Lakes and Streams	40	0	104	0	0	1	1	0	0	0	0	0	
Q	Zachar Bay Streams	197	0	236	0	0	0	0	0	40	0	0	0	
Q	Kariuk Lake and River above Weir	994	146	50	493	0	2	6	0	433	0	0	0	
Q	Kariuk Lagoon and River below Weir	870	48	454	1,639	0	1	4	0	60	0	0	0	
Q	Unspecified Streams	47	0	0	0	0	0	0	0	4	0	0	0	
R	Naknek River and Tributaries	1,896	575	892	836	0	44	0	0	30	6	4	0	
R	Naknek Lake	393	0	0	79	0	1	0	6	0	0	3	0	
R	Brooks River	856	5	0	15	0	22	0	0	0	0	0	0	
R	Ugashik System	434	7	205	25	0	0	0	3	106	14	0	0	
R	Becharof System	756	3	1,303	45	0	21	0	0	208	48	0	0	
R	Brooks Lake	97	0	0	6	0	27	0	0	0	0	0	0	
R	Chignik River	242	190	25	15	0	0	0	0	0	0	0	0	
R	American Creek	1,184	0	0	22	0	123	0	0	119	0	0	0	
R	Naknek R (Rapids Camp upstream to Naknek Lk)	1,425	80	806	1,491	0	8	0	0	4	1	0	0	
R	Naknek River (downstream from Rapids Camp)	660	241	193	270	0	0	0	0	0	0	0	0	
R	Other Ak Peninsula / Aleutian Lakes and Streams	2,291	414	1,991	311	0	11	0	0	55	0	0	0	

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Appendix G20.—Freshwater logbook effort and species released by area and site, Southcentral Alaska, 2007.

Area	Description	Angler				Salmon				Lake trout	Dolly Varden	Grayling	Pike	Sheefish
		Days	King	Coho	Snakeye	Cutthroat	Rainbow	Steelhead	Grayling					
J	Delight Lake	25	0	7	43	0	0	0	0	0	0	0	0	0
J	Other Lakes and Streams	416	2	1,527	132	4	0	1	0	159	0	0	0	0
K	Lakes and Streams	1,684	51	70	64	0	9	0	0	17	0	0	0	0
L	Lakes and Streams	328	51	8	3	0	82	0	0	402	29	0	0	0
M	Willow Creek	200	3	8	0	0	1,537	0	0	2	75	6	0	0
M	Clear Creek (Chumilna Creek)	837	216	295	61	5	230	0	0	178	30	0	0	0
M	Sheep Creek	38	0	1	0	0	99	0	0	0	17	0	0	0
M	Little Willow Creek	101	6	34	29	0	4	0	0	0	0	0	0	0
M	Indian River (into Susitna)	106	112	1	0	0	19	0	0	0	3	5	0	0
M	Talkeetna River	1,606	381	417	190	2	143	0	6	511	28	0	0	0
M	Other Lakes - East Susitna Drainage	62	1	0	0	0	97	0	14	5	201	45	0	0
M	Other Streams - East Susitna Drainage	421	48	27	35	0	331	13	0	4	98	1	0	0
M	Lake Creek	3,902	775	344	934	4	4,025	44	14	4	122	109	10	0
M	Talachulima River	1,430	1,198	1,498	238	0	1,778	0	0	56	406	93	0	0
M	Alexander Lake	23	0	0	0	0	0	0	0	0	0	363	0	0
M	Donkey Creek, Donkey Creek Slough	134	34	12	0	0	121	0	6	10	7	0	0	0
M	Fish Lake Creek and Fish Lakes	40	0	24	2	0	0	0	0	0	4	190	0	0
M	Yentna River Drainage (Remainder)	966	518	323	86	0	2,233	0	20	461	124	0	0	0
M	Yentna River	130	12	108	0	0	0	0	0	0	0	0	0	0
M	Deshtka River (Kroto Creek) above weir	150	97	0	0	0	432	0	0	0	1	59	0	0
M	Deshtka River (Kroto Creek) below weir	1,516	69	125	0	0	58	0	0	17	14	0	0	0
M	Indian Creek (into Yentna near Fish Lakes)	253	1	93	1	0	40	0	0	0	0	4	0	0
M	Other Lakes and Streams - West Susitna Drainage	237	104	137	0	0	63	0	0	1	61	0	0	0
M	Other Lakes and Streams	208	166	133	49	0	805	0	5	402	142	1	0	0
N	Chuitna River	548	449	552	0	0	77	0	0	8	0	0	0	0
N	Theodore River	96	44	183	0	0	21	0	0	28	0	0	0	0
N	Big River Lakes	3,627	0	1,330	8,320	34	10	0	1	116	0	0	0	8
N	Crescent Lake	149	3	3	325	0	0	0	84	1,288	37	0	0	0
N	Crescent River (Grecian River)	464	5	101	303	0	0	0	67	1,485	2	0	0	0
N	Kamishak River	354	22	724	5	17	0	0	0	2,625	0	0	0	0
N	Kustiatna River	1,424	0	1,049	35	1	1	0	0	322	0	0	0	0
N	Bachatna Creek	74	0	195	0	0	0	0	0	3	0	0	0	0
N	Other Sites North Forelands to Susitna Drainage	93	3	60	3	0	67	0	0	313	5	87	0	0
N	Other Sites (South of North Forelands)	258	1	219	11	0	5	0	18	271	40	0	0	0
N	Wolverine Creek (by Big River Lakes)	3,594	31	311	8,754	0	1	30	61	7	0	0	0	0
P	Anchor River	173	12	20	0	0	2	10	0	544	0	0	0	0
P	Ninilohik River	475	685	29	0	0	3	33	0	10	0	0	0	0
P	Russian River	238	1	1	77	0	742	8	0	30	0	0	0	0
P	Swanson River Canoe Route Lakes	75	0	1	0	0	104	0	0	3	0	0	0	0
P	Crescent Creek	50	0	0	4	0	5	0	0	133	4	0	0	0

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Appendix G20.—Page 3 of 3.

Area	Description	Angler		Salmon				Cuttthroat	Rainbow	Steelhead	Lake trout	Dolly Varden	Grayling	Pike	Sheefish
		Days	King	Coho	Sockeye										
R	Other Lakes and Streams	191	22	773	45	0	0	93	3	0	0	501	0	7	0
S	Kvichak River	1,928	14	979	2,510	0	0	17,698	0	0	1	159	3,821	10	0
S	Lower Talarik Creek	123	0	29	2	0	0	1,699	0	0	0	0	43	0	0
S	Copper River (Lake Iliamna Area)	1,221	0	3	1,453	0	0	13,548	0	0	0	96	55	26	0
S	Newhalen River	386	0	5	329	0	0	1,004	0	255	226	630	0	176	0
S	Alagnak (Branch) River	4,758	2,867	1,872	6,963	0	0	18,107	0	33	693	4,671	0	73	15
S	Lake Clark	345	0	12	2	0	0	83	0	306	141	2,147	0	32	0
S	Kukaklek Lake	29	0	0	30	0	0	534	0	0	5	3	0	0	0
S	Kulik River	1,055	0	0	15	0	0	19,455	0	193	9	9	0	0	0
S	Lake Iliamna	751	0	0	1,156	0	0	2,422	0	0	1,996	4	4	25	0
S	Nonvianuk Lake	111	0	0	0	0	0	1,108	0	34	0	0	0	0	0
S	Nonvianuk River (into Alagnak)	373	31	18	124	0	0	3,681	0	64	2	20	0	0	0
S	Tazimina River	163	0	0	12	0	0	449	0	23	27	1,036	0	30	0
S	Moraine Creek	1,615	0	0	768	0	0	19,781	0	23	98	484	0	2	0
S	Upper Talarik Creek	103	0	73	32	0	0	548	0	0	0	0	0	0	0
S	Battle River	381	0	0	653	0	0	2,651	0	10	24	117	0	0	0
S	Funnel Creek	51	0	0	3	0	0	508	0	0	18	1	0	0	0
S	Nanuktuk Creek	203	0	0	13	0	0	2,781	0	0	234	20	0	0	0
S	Long Lake	127	0	0	0	0	0	0	0	0	0	0	0	1,970	0
S	Kijik Lake	17	0	0	0	0	0	0	0	25	36	102	0	0	0
S	Gibraltor River	338	0	2	637	0	0	4,705	0	0	80	50	0	0	0
S	Kukaklek River (Big Ku) (into Alagnak)	815	1	0	224	0	0	11,192	0	15	126	137	0	2	0
S	Little Kulik (into Nanuktuk Creek)	83	0	0	22	0	0	1,073	0	1	86	12	0	1	0
S	Other Lakes	24	0	0	22	0	0	52	0	20	44	0	0	32	0
S	Other Streams	105	0	54	111	0	0	809	0	0	198	25	0	12	0
T	Nushagak River System	489	335	58	106	0	0	1,735	0	53	1,168	3,541	0	42	0
T	Wood River Lakes System	733	340	156	775	0	0	1,116	0	0	1,051	1,440	0	962	0
T	Tikchik-Nuyakuk Lake System	293	39	5	12	0	0	172	0	672	144	926	0	286	0
T	Togiak River System	2,211	7,248	2,990	336	0	0	880	0	0	5,484	117	0	111	0
T	Mulchatna River	386	337	516	444	0	0	1,684	0	25	754	1,719	0	165	0
T	Agulowak River	957	0	7	1,250	0	0	8,811	0	0	1,221	1,488	0	79	0
T	Aleknagik Lake	293	0	45	174	0	0	0	0	0	926	13	0	280	0
T	Agutukpak River	685	0	0	336	0	0	3,386	0	0	697	974	0	185	0
T	Nushagak R - upstream of Mulchatna River	715	85	316	27	0	0	3,546	0	0	2,363	2,246	0	23	0
T	Wood River	100	3	176	108	0	0	64	0	0	44	6	0	7	0
T	Nushagak River - Black Point to Sonar Site	3,882	12,209	2,270	10	0	0	395	0	0	236	395	0	86	0
T	Nushagak River - Sonar Site to Mulchatna	3,750	8,717	697	1	0	0	50	0	0	36	22	0	95	0
T	Other Lakes and Streams	840	999	2,206	242	0	0	1,153	0	25	144	631	0	6	0
	Other Lakes and Streams in SC	15	1	0	7	0	0	39	0	0	16	24	0	0	0
	SC Total	126,387	50,465	34,732	53,666	83	244,595	2,334	3,756	124,289	30,457	5,918	53		

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/07/2009.  
 \* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G22. -Freshwater logbook effort species released by area and site, AYK Alaska, 2007.

Area	Description	Angler		Salmon			Lake trout	Dolly Varden	Grayling	Pike	Sheefish
		Days	King	Coho	Snake	Steelhead					
I	Gulkana River (Highway to Copper River)	68	39	0	0	0	0	0	135	0	0
I	Klutina River	1,657	549	0	453	0	0	26	13	0	0
I	Gulkana River (West Fork to Highway)	1,045	528	0	101	0	23	0	58	0	0
I	Other Lakes and Streams	141	89	0	0	2	91	0	246	0	0
U	Other Lakes	1,239	0	20	1	0	0	0	341	88	0
U	Other Streams	316	29	149	0	0	0	0	2,826	72	0
V	Kanektok River (Quinhagak, Chosen)	2,722	1,627	4,375	1,300	0	5	14,551	1,818	13	0
V	Goodnews River	1,139	537	2,138	88	0	4	3,747	236	0	0
V	Aniak River	665	1,600	1,908	81	0	0	3,821	1,160	523	68
V	Holitna River	440	550	317	45	0	0	931	666	1,806	165
V	Streams - Kuskokwim Drainages above Aniak	36	27	61	12	0	0	43	66	35	0
V	Lakes - Kuskokwim Drainages above Aniak	9	0	0	0	0	52	0	67	12	0
V	Kuskokwim Drainage below Aniak	351	316	719	69	0	0	2,918	1,328	28	1
V	Lakes and Streams - Kuskokwim Bay	213	32	494	18	0	79	642	102	1	0
W	Streams of Seward Peninsula/Norton Sound	885	700	7,258	0	0	0	1,625	2,609	18	0
Y	Streams of the Yukon River Drainage	1,273	566	2,218	18	0	0	660	8,826	9,267	84
	Other Lakes and Streams in AYK	63	0	0	0	0	0	129	345	0	484
	AYK Total	12,262	7,189	19,657	2,186	3	254	29,093	20,842	11,863	802

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/07/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G25.—Freshwater logbook participation by site code and area, Southeast Alaska, 2008.

Area	Description	Trips	Businesses <sup>a</sup>	Guides <sup>a</sup>	Resident	Nonres	Angler Days			Total
							Comped	Unknown	Crew	
A	Lakes and Streams	173	6	19	4	548	0	15	1	568
B	Eagle Creek (Bear Creek)	20	7	8	3	49	0	0	0	52
B	Harris River	20	6	8	0	52	0	0	1	53
B	Luck Lake	9	4	4	2	25	1	0	0	28
B	Staney Creek	42	9	11	2	105	0	0	2	109
B	Thorne System Stream and Lake	59	11	15	3	172	0	1	0	176
B	Sweetwater System Stream and Lake	13	4	4	0	40	0	0	0	40
B	Other Lakes and Streams	97	9	12	2	259	0	0	2	263
C	Lakes and Streams	57	10	11	11	160	0	0	1	172
D	Plotnikof and Rezanof System Streams and Lakes	25	6	9	2	77	0	0	0	79
D	Eva Lake and Stream	16	4	7	1	62	0	0	4	67
D	Sitkoh Creek and Lake (Chichagof Island)	17	5	8	0	55	0	0	0	55
D	Katlian River	78	5	8	0	237	2	1	0	240
D	Nakwasina Sound Streams	49	6	10	2	150	0	0	0	152
D	Saook Bay Streams	48	4	16	2	214	0	0	20	236
D	Fish Bay Streams	5	4	5	0	24	0	0	0	24
D	Other Lakes	36	6	7	4	93	0	0	3	100
D	Other Streams	187	14	37	16	616	0	0	6	638
E	Dupont to Echo Cove (Juneau Road System)	7	4	4	10	19	0	0	0	29
E	Admiralty Island Streams	196	6	23	5	801	1	0	7	814
E	Chaik Bay Streams	52	4	12	1	206	0	0	4	211
E	Other Lakes and Streams	379	7	27	6	1,470	0	10	4	1,490
G	Mud Bay Creek (Chichagof Island)	26	5	8	1	98	0	0	4	103
G	Trail River (Chichagof Island)	21	6	8	2	89	0	0	13	104
G	Chicken Creek (Chichagof Island)	43	4	14	1	174	0	0	1	176
G	North Chichagof Island Streams	9	4	6	2	31	0	0	1	34
G	Other Lakes and Streams	16	4	5	5	57	0	0	4	66
H	Akwe River	121	4	5	71	380	0	0	70	521
H	Situk River (above weir)	501	7	16	100	1,047	1	1	17	1,166
H	Situk River (below weir)	56	4	11	1	113	0	1	1	116
H	Other Lakes and Streams	613	14	34	61	2,194	14	3	30	2,302
H	Other Lakes and Streams in SE	122	2	7	0	526	0	19	1	546
	SE Total	3,113	70	178	320	10,143	19	51	197	10,730

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/12/2009.

<sup>a</sup> Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G26--Page 2 of 3.

Area	Description	Trips	Businesses*	Guides*	Resident	Nonres	Angler Days			Crew	Total
							Comped	Unknown			
P	Russian River	137	15	22	20	276	0	3	0	0	299
P	Swanson River Canoe Route Lakes	16	4	4	19	27	0	0	12	0	58
P	Crescent Lake	44	4	9	0	125	0	0	0	0	125
P	Quartz Creek	31	6	8	0	51	0	2	0	0	53
P	Kasilof River below Highway	1,980	88	139	858	5,627	19	58	98	0	6,660
P	Kasilof River above Highway	28	10	11	8	75	1	1	4	0	89
P	Kasilof River reach not specified	97	19	21	47	268	0	1	0	0	316
P	Stocked Lakes	13	5	5	1	37	0	0	1	1	39
P	Other Lakes	47	15	18	18	148	0	0	11	0	177
P	Other Streams	105	11	17	36	367	1	4	0	0	408
P	Kenai River - Cook Inlet to Soldotna Bridge	8,560	211	321	4,243	25,374	120	236	61	0	30,234
P	Kenai River - Soldotna Bridge to Moose R	803	65	94	222	2,368	2	9	86	0	2,687
P	Kenai River - Moose River to Skilak Outlet	1,104	80	108	469	2,933	16	20	12	0	3,450
P	Kenai River - Skilak Inlet to Kenai Lake	2,381	40	94	874	6,548	13	54	83	0	7,572
P	Kenai River - reach not specified	175	31	37	62	479	4	11	1	0	557
Q	Buskin River	19	4	4	6	49	0	0	2	0	57
Q	Pasagshak River	38	7	7	24	88	0	0	3	0	115
Q	Roadside Streams	35	11	11	1	97	0	0	6	0	104
Q	Other Remote Lakes and Streams	296	20	32	49	940	4	0	5	0	998
Q	Roadside Lakes	45	6	8	9	155	3	0	2	0	169
Q	American River	16	6	6	1	37	0	0	1	0	39
Q	Buskin Lake	7	4	4	0	20	0	0	2	0	22
Q	Dog Salmon Creek (Frazer River)	98	6	16	11	327	0	0	5	0	343
Q	Olds River	21	7	7	6	63	0	0	0	0	69
Q	Ayakulik River (sometimes called Red River)	207	4	10	23	680	3	2	3	0	711
Q	Saltery River	349	11	17	97	1,056	4	4	10	0	1,171
Q	Uganik River	96	4	6	8	341	2	2	39	0	392
Q	Browns Lagoon River	15	5	6	0	54	0	0	1	0	55
Q	Zachar Bay Streams	33	4	8	1	96	0	0	5	0	102
Q	Karluk Lake and River above Weir	109	6	12	13	552	0	10	0	0	575
Q	Karluk Lagoon and River below Weir	100	5	14	3	588	1	8	0	0	600
Q	Naknek River and Tributaries	684	22	66	165	1,590	11	6	109	0	1,881
R	Naknek Lake	66	5	10	10	215	3	0	5	0	233
R	Brooks River	317	20	73	34	783	7	4	5	0	833
R	Ugashik System	113	14	34	7	324	0	0	8	0	339
R	Becharof System	234	19	47	12	671	2	1	12	0	698
R	American Creek	595	19	71	60	1,512	1	0	1	0	1,574
R	Naknek River (Rapids Camp upstream to Naknek Lk)	639	18	49	43	1,562	3	6	92	0	1,706
R	Naknek River (downstream from Rapids Camp)	276	14	33	39	604	0	1	42	0	686
R	Other Alaska Peninsula / Aleutian Streams	1,014	18	57	75	2,620	0	3	44	0	2,742
R	Other Alaska Peninsula / Aleutian Lakes	34	7	10	5	95	0	0	1	0	101
R	Other Streams	76	17	31	0	263	0	0	4	0	267

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Appendix G27 --Freshwater logbook participation by site code and area, AYK Alaska, 2008.

Area	Description	Trips	Businesses*	Guides*	Resident	Nonres	Angler Days			Total
							Comped	Unknown	Crew	
I	Klutina River	470	11	22	331	1,200	4	10	26	1,571
I	Gulkana River (reach unspecified)	75	5	8	58	165	0	0	16	239
I	Gulkana River (West Fork to Highway)	205	14	25	156	588	0	2	8	754
I	Other Lakes and Streams	11	4	5	9	19	0	0	0	28
U	Other Lakes	227	5	15	18	911	1	3	13	946
U	Other Streams	72	6	15	68	128	0	5	9	210
V	Kanektok River (Quinhagak, Chosen)	1,390	5	56	37	2,775	0	0	0	2,812
V	Goodnews River	583	6	20	18	1,041	0	0	0	1,059
V	Aniak River	380	7	19	17	814	0	0	0	831
V	Holtina River	223	7	21	7	525	1	0	3	536
V	Lakes and Streams - Kuskokwim Bay	97	5	14	0	198	0	0	5	203
V	Other Lakes and Streams - Kuskokwim Drainage	155	12	22	53	589	1	0	19	662
W	Streams of Seward Peninsula/Norton Sound	418	6	18	33	875	0	1	11	920
Y	Streams of the Yukon River Drainage	484	7	22	45	941	0	5	1	992
	Other Lakes and Streams in AYK	11	3	3	10	59	0	0	1	70
	AYK Total	4,801	69	222	860	10,828	7	26	112	11,833

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/12/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G29.-Freshwater logbook effort species kept by area and site, Southeast Alaska 2008.

Area Description	Angler Days	Salmon			Cuthroat	Rainbow	Steelhead	Lake trout	Dolly Varden	Grayling	Pike	Sheefish
		King	Coho	Sockeye								
A Lakes and Streams	568	0	83	0	0	0	0	0	4	0	0	0
B Eagle Creek (Bear Creek)	52	0	0	0	0	0	0	0	0	0	0	0
B Harris River	53	0	3	0	0	0	0	0	0	0	0	0
B Luck Lake	28	0	0	0	0	0	0	0	7	0	0	0
B Stoney Creek	109	0	11	0	0	0	0	0	0	0	0	0
B Thorne System Stream and Lake	176	0	56	0	1	0	0	0	42	0	0	0
B Sweetwater System Stream and Lake	40	0	45	26	1	0	0	0	2	0	0	0
B Other Lakes and Streams	263	0	51	7	0	0	0	0	1	0	0	0
C Lakes and Streams	172	0	30	0	0	0	0	0	3	0	0	0
C Plotnikof and Rezanof System Streams and Lakes	79	0	34	0	0	0	0	0	0	0	0	0
D Eva Lake and Stream	67	0	0	0	1	1	0	0	14	0	0	0
D Sitkoh Creek and Lake (Chichagof Island)	55	0	0	0	0	1	0	0	4	0	0	0
D Katlian River	240	0	12	0	0	0	0	0	1	0	0	0
D Nakvasina Sound Streams	152	0	0	0	0	0	0	0	0	0	0	0
D Saook Bay Streams	236	0	0	0	0	0	0	0	19	0	0	0
D Fish Bay Streams	24	0	0	0	0	0	0	0	0	0	0	0
D Other Lakes	100	0	1	1	0	2	0	0	2	0	0	0
D Other Streams	638	0	82	0	0	3	0	0	33	0	0	0
E Dupont to Echo Cove (Juneau Road System)	29	0	13	0	0	0	0	0	7	0	0	0
E Admiralty Island Streams	814	0	36	0	0	0	0	0	230	0	0	0
E Chaik Bay Streams	211	0	2	0	0	0	0	0	53	0	0	0
E Other Lakes and Streams	1,490	0	3	0	0	0	0	0	12	0	0	0
G Mud Bay Creek (Chichagof Island)	103	0	0	0	0	0	0	0	41	0	0	0
G Trail River (Chichagof Island)	104	0	0	0	0	0	0	0	2	0	0	0
G Chicken Creek (Chichagof Island)	176	0	0	0	0	0	0	0	12	0	0	0
G North Chichagof Island Streams	34	0	16	0	0	0	0	0	13	0	0	0
G Other Lakes and Streams	66	0	30	0	0	0	0	0	0	0	0	0
H Akwe River	521	42	657	1	2	0	0	0	24	0	0	0
H Situk River (above weir)	1,166	0	578	498	16	0	1	0	7	0	0	0
H Situk River (below weir)	116	0	33	311	0	0	0	0	15	0	0	0
H Other Lakes and Streams	2,302	50	4,155	158	4	0	1	0	49	1	0	0
H Other Lakes and Streams in SE	546	0	0	85	0	0	0	0	5	0	0	0
SE Total	10,730	92	5,931	1,087	25	7	2	0	602	1	0	0

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/12/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G31.—Freshwater logbook effort and species kept by area and site, Southcentral harvest, 2008.

Area	Description	Angler		Salmon							Lake trout	Dolly Varden	Grayling	Pike	Sheefish	
		Days	King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead								
J	Other Lakes	20	0	15	0	0	0	0	0	0	0	13	0	0	0	0
J	Other Streams	405	1	403	16	0	0	0	0	0	0	14	0	0	0	0
K	Knik Arm Lakes and Streams	1,889	419	1,361	3	0	0	0	0	0	0	0	0	0	0	0
M	Willow Creek	99	12	5	0	0	0	0	0	0	0	0	3	0	0	0
M	Clear Creek (Chunilna Creek)	265	8	120	12	0	0	0	0	0	0	0	0	0	0	0
M	Little Willow Creek	159	11	143	1	0	0	0	0	0	0	0	0	0	0	0
M	Indian River (into Susitna)	42	5	4	0	0	0	0	0	0	0	0	0	0	0	0
M	Talkeetna River	2,192	396	897	666	0	0	0	0	0	0	3	0	0	0	0
M	Other Lakes - East Susitna Drainage	33	0	0	0	0	0	0	0	0	0	0	9	0	0	0
M	Other Streams - East Susitna Drainage	389	91	117	1	0	0	0	0	0	0	2	0	0	9	0
M	Deshka River (Kroto Creek)	112	29	0	0	0	0	0	0	0	0	0	0	0	0	0
M	Lake Creek	3,415	546	1,562	281	0	0	0	0	0	0	0	0	0	19	0
M	Talachitna River	2,592	382	1,455	192	0	0	0	0	0	0	5	5	6	0	0
M	Alexander Lake	45	0	0	0	0	0	0	0	0	0	0	0	0	8	0
M	Chelatna Lake	114	0	0	0	0	0	0	0	0	0	41	0	1	1	0
M	Eightmile Creek	115	43	157	0	0	0	0	0	0	0	0	0	0	8	0
M	Fish Lake Creek and Fish Lakes	408	78	82	91	0	0	0	0	0	0	0	0	0	248	0
M	Moose Creek (into Yentna)	59	21	28	1	0	0	0	0	0	0	0	0	0	0	0
M	Skwentna River	182	23	148	19	0	0	0	0	0	0	0	0	0	0	0
M	Susitna River	69	1	18	0	0	0	0	0	0	0	0	0	0	0	0
M	Yentna River Drainage (Remainder)	1,249	251	560	41	0	0	0	0	0	0	5	0	0	31	0
M	Yentna River	634	141	592	12	0	0	0	0	0	0	0	0	0	0	0
M	Deshka River (Kroto Creek) below weir	776	164	467	3	0	0	0	0	0	0	0	0	0	1	0
M	Indian Creek (into Yentna near Fish Lakes)	379	45	361	1	0	0	0	0	0	0	0	0	0	5	0
M	Other Lakes and Streams - West Susitna Drainage	282	36	83	4	0	0	0	0	0	0	0	0	0	117	0
M	Streams and Lakes	34	2	10	0	0	0	0	0	0	0	0	0	0	5	0
N	Chuibna River	221	24	265	0	0	0	0	0	0	0	0	0	0	0	0
N	Big River Lakes	5,329	15	9,401	4,006	0	0	0	0	0	0	8	0	0	0	0
N	Big River	16	0	31	11	0	0	0	0	0	0	0	0	0	0	0
N	Crescent Lake	245	0	133	79	0	0	0	0	0	0	0	0	0	3	0
N	Crescent River (Greician River)	311	0	518	121	0	0	0	0	0	0	3	0	0	0	0
N	Kamishak River	255	0	352	0	0	0	0	0	0	0	0	0	0	0	0
N	Kustatan River	1,378	4	3,648	13	0	0	0	0	0	0	0	0	0	0	0
N	Silver Salmon Creek	142	0	108	2	0	0	0	0	0	0	0	0	0	0	0
N	Bachatna Creek	54	0	151	0	0	0	0	0	0	0	0	0	0	0	0
N	Other Sites North Forelands to Susitna Drainage	162	1	105	26	0	0	0	0	0	0	1	13	0	0	0
N	Other Sites (South of North Forelands)	241	5	218	21	0	0	0	0	0	0	6	0	0	0	0
N	Wolverine Creek (by Big River Lakes)	2,318	0	988	4,475	0	0	0	0	0	0	0	0	0	0	0
P	Anchor River	199	42	16	0	0	0	0	0	0	0	0	0	0	0	0
P	Nimilchik River	257	52	38	0	0	0	0	0	0	0	0	0	0	0	0
P	Deep Creek	178	0	106	0	0	0	0	0	0	0	28	0	0	0	0

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Appendix G31.-Page 3 of 3.

Area	Description	Angler		Salmon							Lake trout	Dolly Varden	Graying	Pike	Sheefish
		Days		King	Coho	Snakeye	Cutthroat	Rainbow	Steelhead						
R	Other Streams	267		0	286	6		0	0	0	12	6	0	0	
S	Kvichak River	2,218		66	357	2,267		0	29	0	4	27	0	0	
S	Lower Talarik Creek	143		0	5	0		0	0	0	0	0	0	0	
S	Copper River (Lake Iliamna Area)	1,390		0	0	236		0	0	0	0	0	0	0	
S	Gibraltar Lake	69		0	0	3		0	0	0	0	1	0	0	
S	Newhalen River	441		0	3	1,099		0	0	0	0	0	0	0	
S	Alagnak (Branch) River	4,173		308	663	3,787		0	13	0	25	22	0	0	
S	Lake Clark	330		0	0	2		0	0	0	0	0	0	0	
S	Kuilik River	1,448		0	0	0		0	50	0	0	0	0	0	
S	Lake Iliamna	675		0	15	642		0	15	0	0	0	0	0	
S	Nonvianuk Lake	79		0	0	19		0	1	0	0	0	0	0	
S	Nonvianuk River (into Alagnak)	399		0	0	32		0	4	0	0	0	0	0	
S	Pike Lakes	17		0	0	0		0	0	0	0	0	1	0	
S	Tazimina River	141		0	0	2		0	0	0	0	2	0	0	
S	Moraine Creek	1,237		0	0	4		0	27	0	0	4	0	0	
S	Upper Talarik Creek	111		0	96	0		0	0	0	0	0	0	0	
S	Battle River	364		0	0	0		0	17	0	0	0	0	0	
S	Funnel Creek	103		0	0	0		0	3	0	0	0	0	0	
S	Nanuknuk Creek	302		0	0	0		0	0	0	0	0	0	0	
S	Kijik River	64		0	0	0		0	0	0	0	1	0	0	
S	Kijik Lake	40		0	0	0		0	0	0	6	2	0	0	
S	Gibraltar River	265		0	0	40		0	0	0	0	0	0	0	
S	Kukaklek River (Big Ku) (into Alagnak)	549		0	0	276		0	4	0	0	0	0	0	
S	Battle Lake	12		0	0	0		0	0	0	0	0	0	0	
S	Little Kulik (into Nanuknuk Creek)	141		0	0	0		0	0	0	0	0	0	0	
S	Other Lakes and Streams	62		0	10	0		0	0	0	0	0	0	0	
T	Nushagak River System	913		245	52	3		0	5	0	3	0	1	0	
T	Wood River Lakes System	768		14	317	154		0	2	0	14	2	1	0	
T	Tikchik-Nuyakuk Lake System	355		0	0	120		0	1	0	9	5	21	0	
T	Togiak River System	1,818		685	1,945	269		0	10	0	44	0	0	0	
T	Mulchatna River	421		52	2	81		0	11	0	16	17	0	0	
T	Agulowak River	1,073		0	26	995		0	0	0	14	2	2	0	
T	Aleknagik Lake	148		0	67	41		0	0	0	0	0	3	0	
T	Agulupak River	480		0	0	6		0	6	0	11	0	0	0	
T	Nushagak R - upstream of Mulchatna River	330		19	196	2		0	0	0	1	0	0	0	
T	Nushagak River - Black Point to Sonar Site	3,178		1,825	296	16		0	2	0	3	0	0	0	
T	Nushagak River - Sonar Site to Mulchatna	4,560		2,500	1,592	41		0	6	0	1	3	2	1	
T	Other Lakes	57		0	0	0		0	0	0	0	0	0	0	
T	Other Streams	788		46	472	81		0	0	0	0	0	1	0	
T	Other Lakes and Streams in SC	364		1	296	51		0	0	0	24	0	0	0	
SC Total		126,596		19,312	51,796	32,806		0	674	9	2,133	259	496	1	

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/12/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G32.-Page 2 of 3.

Area	Description	Angler		Salmon				Cuthroat	Rainbow	Steelhead	Laake trout	Dolly Varden	Grayling	Pike	Sheefish
		Days	King	Coho	Sockeye										
P	Russian River	299	0	1	164	0	525	0	0	0	111	1	0	0	
P	Swanson River Canoe Route Lakes	58	0	0	0	0	161	0	0	0	0	0	0	0	
P	Crescent Lake	125	1	0	39	0	30	0	0	8	74	107	0	0	
P	Quartz Creek	53	0	0	26	0	15	0	0	0	625	1	0	0	
P	Kasilof River below Highway	6,660	990	29	29	0	128	337	7	7	917	0	0	0	
P	Kasilof River above Highway	89	7	0	0	0	12	7	0	0	12	0	0	0	
P	Kasilof River reach not specified	316	55	5	0	0	12	1	0	0	13	0	0	0	
P	Stocked Lakes	39	0	12	0	0	142	0	0	0	83	57	0	0	
P	Other Lakes	177	0	15	12	0	553	0	0	0	302	0	0	0	
P	Other Streams	408	1	307	42	0	241	14	0	0	798	121	0	0	
P	Kenai River - Cook Inlet to Soldotna Bridge	30,234	2,304	310	130	0	2,111	0	0	0	1,202	0	0	0	
P	Kenai River - Soldotna Bridge to Moose R	2,687	192	86	284	0	3,599	23	1	9	979	0	0	0	
P	Kenai River - Moose River to Skilak Outlet	3,450	44	259	631	0	17,164	1	9	9	9,983	10	0	0	
P	Kenai River - Skilak Inlet to Kenai Lake	7,572	14	132	2,179	1	26,761	2	41	41	28,552	29	1	0	
P	Kenai River - reach not specified	557	33	29	24	0	900	0	0	0	1,409	0	0	0	
Q	Buskin River	57	0	5	0	0	1	0	0	0	156	0	0	0	
Q	Pasagshak River	115	0	121	10	0	0	0	0	0	17	0	0	0	
Q	Roadside Streams	104	0	32	0	0	0	0	0	0	100	0	0	0	
Q	Other Remote Lakes and Streams	998	158	470	2,059	0	76	85	0	0	1,297	8	0	0	
Q	Roadside Lakes	169	0	161	15	0	0	0	0	0	34	0	0	0	
Q	American River	39	0	1	0	0	0	0	0	0	200	0	0	0	
Q	Buskin Lake	22	0	1	0	0	0	0	0	0	100	0	0	0	
Q	Dog Salmon Creek (Frazer River)	343	12	60	1,181	0	10	51	0	0	146	0	0	0	
Q	Olds River	69	0	2	2	0	0	0	0	0	114	0	0	0	
Q	Ayakulik River (sometimes called Red River)	711	174	1,557	782	0	17	308	1	1	2,458	0	0	0	
Q	Saltery River	1,171	0	231	885	0	59	3	10	10	3,232	2	0	0	
Q	Uganik River	392	0	178	3	0	411	0	0	0	3,542	0	0	0	
Q	Browns Lagoon River	55	0	0	0	0	0	0	0	0	19	0	0	0	
Q	Zachar Bay Streams	102	0	72	0	0	0	0	0	0	44	0	0	0	
Q	Karluk Lake and River above Weir	575	107	214	523	0	36	321	0	0	3,639	0	0	0	
Q	Karluk Lagoon and River below Weir	600	7	204	369	0	0	21	0	0	576	0	0	0	
R	Naknek River and Tributaries	1,881	425	959	616	1	4,281	0	742	742	1,666	776	55	0	
R	Naknek Lake	233	0	5	52	0	956	7	418	418	163	93	164	0	
R	Brooks River	833	0	1	819	3	4,108	0	41	41	99	6	0	0	
R	Ugashik System	339	397	344	61	0	89	0	4	4	1,276	329	2	0	
R	Becharof System	698	15	1,696	100	0	606	0	0	0	3,650	587	0	0	
R	American Creek	1,574	0	6	261	0	7,532	0	18	18	13,329	81	8	0	
R	Naknek R (Rapids Camp upstream to Naknek Lk)	1,706	310	344	1,082	0	3,319	0	12	12	456	46	11	0	
R	Naknek River (downstream from Rapids Camp)	686	147	118	249	0	246	0	0	0	10	0	45	0	
R	Other Alaska Peninsula / Aleutian Streams	2,742	1,679	6,231	500	0	560	490	27	27	3,673	1	0	0	
R	Other Alaska Peninsula / Aleutian Lakes	101	0	206	7	0	251	0	50	50	32	8	0	0	

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Appendix G33.-Freshwater logbook effort and species kept by area and site, AYK Alaska, 2008.

Area	Description	Angler		Salmon							Lake trout	Dolly Varden	Grayling	Pike	Sheefish
		Days		King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead						
I	Khiutna River	1,571		688	4	266	0	0	4	0	0	84	21	0	0
I	Gulkana River (reach unspecified)	239		120	0	0	0	0	0	0	0	0	8	0	0
I	Gulkana River (West Fork to Highway)	754		384	0	11	0	0	0	2	0	1	0	0	0
I	Other Lakes and Streams	28		6	0	0	0	0	0	0	2	0	0	0	0
U	Other Lakes	946		0	117	9	0	68	0	0	0	1	2	20	0
U	Other Streams	210		10	36	0	0	0	0	0	0	3	10	0	0
V	Kanaktok River (Quinhagak, Chosen)	2,812		243	813	194	0	0	0	0	0	39	1	0	0
V	Goodnews River	1,059		82	294	120	0	5	0	0	31	0	0	0	0
V	Aniak River	831		31	126	3	0	1	0	0	22	7	12	6	6
V	Holitna River	536		184	65	37	0	0	0	0	12	5	24	20	20
V	Lakes and Streams - Kuskokwim Bay	203		1	2	0	0	0	0	0	1	0	0	0	0
V	Other Lakes and Streams - Kuskokwim Drainage	662		0	90	3	0	0	0	0	7	6	0	0	0
W	Streams of Seward Peninsula/Norton Sound	920		49	972	4	0	0	0	0	225	8	0	0	0
Y	Streams of the Yukon River Drainage	992		72	244	1	0	0	0	0	5	15	12	8	8
	Other Lakes and Streams in AYK	70		0	0	0	0	0	0	0	0	0	0	1	26
	AYK Total	11,833		1,870	2,763	648	0	78	2	5	431	83	69	60	60

Note: Responses of 3 or less businesses are not reported separately, to protect confidentiality of respondent. Data are current as of 08/12/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G35.-Freshwater logbook effort and species kept by region, Statewide, 2008.

Region	Salmon											
	Angler Days	King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead	Lake trout	Dolly Varden	Grayling	Pike	Sheefish
SE	10,730	92	5,931	1,087	25	7	2	0	602	1	0	0
SC	126,596	19,312	51,796	32,806	0	674	9	164	2,133	259	496	1
AYK	11,833	1,870	2,763	648	0	78	2	5	431	83	69	60
Total	149,159	21,274	60,490	34,541	25	759	13	169	3,166	343	565	61

Note: Data are current as of 08/12/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G36.-Freshwater logbook effort and species released by region, Statewide, 2008.

Region	Salmon											
	Angler Days	King	Coho	Sockeye	Cutthroat	Rainbow	Steelhead	Lake trout	Dolly Varden	Grayling	Pike	Sheefish
SE	10,730	99	13,382	943	1,365	1,208	2,820	64	23,961	34	0	0
SC	364	29	28	7	0	90	0	0	381	21	0	0
AYK	11,833	4,166	20,323	996	1	19,952	0	158	28,413	15,911	7,697	652
Total	149,159	34,359	87,332	45,795	1,392	216,309	4,619	3,473	161,200	44,075	13,709	654

Note: Data are current as of 08/12/2009.

\* Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.