

AK LEGISLATURE SPECIAL COMMITTEE FILES SCOMM 156 3330

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Several steps were taken to identify and adjust outliers. The first was an ordering of all variables by value to identify extreme values. ADF&G, with Southwick Associates, conducted a joint examination of the extreme values to assess plausibility based on personal knowledge of fishing in Alaska and considering additional data provided by individual respondents. For example, a large expenditure for lodging by itself may appear as a potential outlier, but considered in context with large values for length of trip and other trip spending such as groceries and meals, the large lodging value appears reasonable. Finally, each remaining potential outlier was tested to determine its effect on the mean value across all other responses within the same survey wave. If any single observation increased the statewide mean by 25 percent or more then it was deemed an outlier and replaced by a missing value.

The following observations were identified as outliers and the value set to missing. The removal of these outliers is reflected in the summary statistics presented in Appendix G.

APPENDIX I: ESTIMATED DAYS OF SPORTFISHING EFFORT AND ASSOCIATED STANDARD DEVIATIONS, 2007

- Question 17: \$17,000 for trailers, hitchhikes and accessories
- Question 17: \$300,000 for boats, canoes, kayaks, etc.

Wave II Resident Survey:

- Question 13: \$3,000 for boat launch
- Question 23: \$3,000 for commercial transportation
- Question 24: \$15,000 for depth finders and electronics
- Question 24: \$200,000 for boats, canoes, kayaks, etc.
- Question 24: \$40,000 for boat motors
- Question 25: \$230,000 for real estate

Wave II Nonresident Survey:

- Question 24: \$4,000 for bait
- Question 25: \$100,000 for boats, canoes, kayaks, etc.
- Question 25: \$9,500 for electronics

Appendix II.-Estimation procedures for standard errors, guided/non-guided angler days fished.

ADF&G, Division of Sport Fish (DSF) generates estimates and standard errors annually for guided/non-guided estimates of anglers days fished at the survey area/resident type/water type level by apportioning the ratios of guided/non-guided estimates from the supplemental Statewide Harvest Survey (SWHS) into estimates from the combined supplemental and standard SWHS survey. DSF uses these guided/non-guided estimates as the starting point for nearly all guided/non-guided data requests.

The DSF standard approach would have worked for the final set of days fished aggregations for this economic study, however, the Southwick Associates project team had already summed the detailed point estimates of days fished provided by DSF September 10, 2008 up to the new aggregations. Considering that guided/non-guided proportions change with each level of aggregation and that the original point estimates needed to be matched in the bootstrap process, the bootstrap approach needed to be changed to reflect the original aggregations.

The final 2007 SAS program for providing bootstrapped estimates of days fished was titled Bootstrap_DF_condensed.sas. The guided/non-guided point estimates for days fished were calculated at the original, detailed levels, and bootstrapped at that level, using 1,000 iterations. Standard errors were calculated by applying summary statistics to the bootstrap data set at the region/resident type and water type level, the state/water type/resident type level, and Cook Inlet at the resident type and water type level.

This detailed approach rather than the DSF standard method of estimating guided/non-guided standard errors and point estimates will need to be employed if the study is repeated in order to maintain historic continuity with the results contained in this report.

Appendix I2.-Estimated standard errors for anglers' days fished in 2007 by residency, water type, and guided/unguided fishing within regions, ADFG Statewide Harvest Survey.

Table Legend

Non	=	Nonresident
Res	=	Resident
F	=	Freshwater
S	=	Saltwater
Tot	=	Total
Est	=	Estimated total days fished (2007 SWHS)
Mean	=	Bootstrap mean of total days fished
%Bias	=	% difference in Total and bootstrap mean
STD	=	Standard Error of estimated total days fished from bootstrap mean
LCL	=	Lower 95% confidence level
UCL	=	Upper 95% confidence level
OUT	=	output bin: equal to "1" if bootstrap mean outside 95% confidence interval

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Table I2.-Estimated standard errors for anglers' days fished in 2007 by residency, water type, and guided/unguided fishing within regions, ADFG Statewide Harvest Survey., Appendix I2.-Page 2 of 5

region	RESTYPE	WATERTYP	type	DF estimates		
				guided	private	total
Southeast	NON	F	0 EST	17,853	47,830	65,683
Southeast	NON	F	1 MEAN	17,887	47,566	65,453
Southeast	NON	F	2 %BIAS	0	1	0
Southeast	NON	F	3 STD	1,956	2,941	3,282
Southeast	NON	F	4 LCL	14,309	41,942	59,136
Southeast	NON	F	5 UCL	21,971	53,487	72,059
Southeast	NON	F	6 OUT			
Southeast	NON	S	0 EST	147,333	108,133	255,466
Southeast	NON	S	1 MEAN	147,337	108,044	255,381
Southeast	NON	S	2 %BIAS	0	0	0
Southeast	NON	S	3 STD	4,710	5,044	5,976
Southeast	NON	S	4 LCL	138,229	98,332	244,312
Southeast	NON	S	5 UCL	156,633	118,018	267,464
Southeast	NON	S	6 OUT			
Southeast	NON	Tot	0 EST	165,186	155,963	321,149
Southeast	NON	Tot	1 MEAN	165,224	155,610	320,834
Southeast	NON	Tot	2 %BIAS	0	0	0
Southeast	NON	Tot	3 STD	5,175	5,808	6,964
Southeast	NON	Tot	4 LCL	155,357	144,257	306,808
Southeast	NON	Tot	5 UCL	175,702	166,445	334,418
Southeast	NON	Tot	6 OUT			
Southeast	RES	F	0 EST	2,303	36,948	39,251
Southeast	RES	F	1 MEAN	2,058	36,860	39,184
Southeast	RES	F	2 %BIAS	11	0	0
Southeast	RES	F	3 STD	1,004	4,071	4,062
Southeast	RES	F	4 LCL	334	29,432	31,805
Southeast	RES	F	5 UCL	4,269	45,174	47,414
Southeast	RES	F	6 OUT			
Southeast	RES	S	0 EST	14,857	165,033	179,890
Southeast	RES	S	1 MEAN	14,777	165,905	180,683
Southeast	RES	S	2 %BIAS	1	-1	0
Southeast	RES	S	3 STD	3,208	9,548	9,751
Southeast	RES	S	4 LCL	8,795	148,110	162,621
Southeast	RES	S	5 UCL	21,357	184,613	199,443
Southeast	RES	S	6 OUT			
Southeast	RES	Tot	0 EST	17,159	201,982	219,141
Southeast	RES	Tot	1 MEAN	16,835	202,765	219,866
Southeast	RES	Tot	2 %BIAS	2	0	0
Southeast	RES	Tot	3 STD	3,386	10,510	10,733
Southeast	RES	Tot	4 LCL	10,683	183,644	199,929
Southeast	RES	Tot	5 UCL	23,817	223,215	241,656
Southeast	RES	Tot	6 OUT			
Southcentral	NON	F	0 EST	158,300	330,008	488,308
Southcentral	NON	F	1 MEAN	157,980	329,670	487,690
Southcentral	NON	F	2 %BIAS	0	0	0
Southcentral	NON	F	3 STD	7,616	13,050	15,793
Southcentral	NON	F	4 LCL	143,732	305,715	456,588
Southcentral	NON	F	5 UCL	173,761	356,078	520,064
Southcentral	NON	F	6 OUT			
Southcentral	NON	S	0 EST	127,592	95,403	222,995
Southcentral	NON	S	1 MEAN	127,716	95,185	222,909
Southcentral	NON	S	2 %BIAS	0	0	0

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region	RESTYPE	WATERTYP	type	DF estimates		
				guided	private	total
Southcentral	NON	S	3 STD	4,272	4,673	5,159
Southcentral	NON	S	4 LCL	119,518	86,420	212,900
Southcentral	NON	S	5 UCL	136,058	104,785	233,004
Southcentral	NON	S	6 OUT			
Southcentral	NON	Tot	0 EST	285,892	425,411	711,303
Southcentral	NON	Tot	1 MEAN	285,696	424,855	710,599
Southcentral	NON	Tot	2 %BIAS	0	0	0
Southcentral	NON	Tot	3 STD	8,507	13,846	16,416
Southcentral	NON	Tot	4 LCL	269,030	399,565	679,128
Southcentral	NON	Tot	5 UCL	302,963	451,967	744,502
Southcentral	NON	Tot	6 OUT			
Southcentral	RES	F	0 EST	46,661	648,398	695,059
Southcentral	RES	F	1 MEAN	46,259	648,549	695,152
Southcentral	RES	F	2 %BIAS	1	0	0
Southcentral	RES	F	3 STD	4,081	16,385	16,676
Southcentral	RES	F	4 LCL	38,591	615,939	661,620
Southcentral	RES	F	5 UCL	54,894	681,327	726,703
Southcentral	RES	F	6 OUT			
Southcentral	RES	S	0 EST	56,715	336,206	392,990
Southcentral	RES	S	1 MEAN	56,891	335,729	392,884
Southcentral	RES	S	2 %BIAS	0	0	0
Southcentral	RES	S	3 STD	3,574	12,288	12,608
Southcentral	RES	S	4 LCL	50,368	312,451	368,811
Southcentral	RES	S	5 UCL	64,692	360,260	417,469
Southcentral	RES	S	6 OUT			
Southcentral	RES	Tot	0 EST	103,376	984,604	1,088,049
Southcentral	RES	Tot	1 MEAN	103,150	984,278	1,088,035
Southcentral	RES	Tot	2 %BIAS	0	0	0
Southcentral	RES	Tot	3 STD	5,446	19,524	19,685
Southcentral	RES	Tot	4 LCL	93,039	946,148	1,048,586
Southcentral	RES	Tot	5 UCL	114,597	1,021,380	1,125,893
Southcentral	RES	Tot	6 OUT			
Interior	NON	F	0 EST	13,183	35,144	48,422
Interior	NON	F	1 MEAN	13,340	34,983	48,418
Interior	NON	F	2 %BIAS	-1	0	0
Interior	NON	F	3 STD	1,779	3,526	3,585
Interior	NON	F	4 LCL	10,113	28,754	41,865
Interior	NON	F	5 UCL	16,942	42,483	55,638
Interior	NON	F	6 OUT			
Interior	NON	S	0 EST	114	0	114
Interior	NON	S	1 MEAN	88	0	114
Interior	NON	S	2 %BIAS	23	0	0
Interior	NON	S	3 STD	86	0	70
Interior	NON	S	4 LCL	0	0	0
Interior	NON	S	5 UCL	274	0	277
Interior	NON	S	6 OUT			
Interior	NON	Tot	0 EST	13,297	35,144	48,536
Interior	NON	Tot	1 MEAN	13,429	34,983	48,532
Interior	NON	Tot	2 %BIAS	-1	0	0
Interior	NON	Tot	3 STD	1,778	3,526	3,580
Interior	NON	Tot	4 LCL	10,191	28,754	41,961
Interior	NON	Tot	5 UCL	17,034	42,483	55,687
Interior	NON	Tot	6 OUT			
Interior	RES	F	0 EST	7,479	147,342	154,821
Interior	RES	F	1 MEAN	7,498	147,059	154,879
Interior	RES	F	2 %BIAS	0	0	0
Interior	RES	F	3 STD	2,200	7,942	7,923

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region	RESTYPE	WATERTYP	type	DF estimates		
				guided	private	total
Interior	RES	F	4 LCL	3,745	132,137	140,110
Interior	RES	F	5 UCL	12,294	163,233	171,665
Interior	RES	F	6 OUT			
Interior	RES	S	0 EST	0	33	675
Interior	RES	S	1 MEAN	0	34	675
Interior	RES	S	2 %BIAS	0	-3	0
Interior	RES	S	3 STD	0	34	267
Interior	RES	S	4 LCL	0	0	245
Interior	RES	S	5 UCL	0	102	1,263
Interior	RES	S	6 OUT			
Interior	RES	Tot	0 EST	7,479	147,375	155,496
Interior	RES	Tot	1 MEAN	7,498	147,094	155,553
Interior	RES	Tot	2 %BIAS	0	0	0
Interior	RES	Tot	3 STD	2,200	7,943	7,953
Interior	RES	Tot	4 LCL	3,745	132,171	140,790
Interior	RES	Tot	5 UCL	12,294	163,267	172,185
Interior	RES	Tot	6 OUT			
Cook Inlet	NON	F	0 EST	98,859	274,835	373,694
Cook Inlet	NON	F	1 MEAN	98,780	274,475	373,256
Cook Inlet	NON	F	2 %BIAS	0.08	0.13	0.12
Cook Inlet	NON	F	3 STD	5,825	12,407	14,378
Cook Inlet	NON	F	4 LCL	87,850	251,260	345,795
Cook Inlet	NON	F	5 UCL	110,628	299,934	402,946
Cook Inlet	NON	F	6 OUT			
Cook Inlet	NON	S	0 EST	69,694	38,488	108,182
Cook Inlet	NON	S	1 MEAN	69,762	38,417	108,179
Cook Inlet	NON	S	2 %BIAS	-0.10	0.18	0.00
Cook Inlet	NON	S	3 STD	2,913	2,699	3,338
Cook Inlet	NON	S	4 LCL	63,992	33,335	101,224
Cook Inlet	NON	S	5 UCL	75,364	43,649	114,813
Cook Inlet	NON	S	6 OUT			
Cook Inlet	RES	F	0 EST	40,706	580,628	621,334
Cook Inlet	RES	F	1 MEAN	40,677	580,309	620,986
Cook Inlet	RES	F	2 %BIAS	0.07	0.05	0.06
Cook Inlet	RES	F	3 STD	3,739	15,862	16,123
Cook Inlet	RES	F	4 LCL	33,446	549,734	589,571
Cook Inlet	RES	F	5 UCL	48,070	612,355	651,933
Cook Inlet	RES	F	6 OUT			
Cook Inlet	RES	S	0 EST	23,452	117,414	140,918
Cook Inlet	RES	S	1 MEAN	23,474	117,499	141,145
Cook Inlet	RES	S	2 %BIAS	-0.09	-0.07	-0.16
Cook Inlet	RES	S	3 STD	1,988	6,112	6,089
Cook Inlet	RES	S	4 LCL	19,703	105,827	129,441
Cook Inlet	RES	S	5 UCL	27,591	129,681	152,683
Cook Inlet	RES	S	6 OUT			
State	NON	F	0 EST	189,336	412,982	602,413
State	NON	F	1 MEAN	189,207	412,219	601,561
State	NON	F	2 %BIAS	0	0	0
State	NON	F	3 STD	7,995	13,418	16,033
State	NON	F	4 LCL	173,413	387,796	571,064
State	NON	F	5 UCL	204,908	439,652	632,495
State	NON	F	6 OUT			
State	NON	S	0 EST	275,038	203,537	478,575
State	NON	S	1 MEAN	275,141	203,229	478,403
State	NON	S	2 %BIAS	0	0	0
State	NON	S	3 STD	6,106	6,704	7,043
State	NON	S	4 LCL	263,244	190,922	464,666

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region	RESTYPE	WATERTYP	type	DF estimates		
				guided	private	total
State	NON	S	5 UCL	287,676	216,320	492,033
State	NON	S	6 OUT			
State	NON	Tot	0 EST	464,375	616,518	1,080,988
State	NON	Tot	1 MEAN	164,348	615,448	1,079,964
State	NON	Tot	2 %BIAS	0	0	0
State	NON	Tot	3 STD	9,519	14,508	16,321
State	NON	Tot	4 LCL	44,123	585,874	1,048,914
State	NON	Tot	5 UCL	48,082	644,151	1,111,739
State	NON	Tot	6 OUT			
State	RES	F	0 EST	56,443	832,688	889,131
State	RES	F	1 MEAN	55,815	832,469	889,214
State	RES	F	2 %BIAS	1	0	0
State	RES	F	3 STD	4,685	18,082	18,152
State	RES	F	4 LCL	46,709	798,501	854,634
State	RES	F	5 UCL	65,572	867,952	924,425
State	RES	F	6 OUT			
State	RES	S	0 EST	71,572	501,272	573,555
State	RES	S	1 MEAN	71,668	501,668	574,241
State	RES	S	2 %BIAS	0	0	0
State	RES	S	3 STD	4,889	14,854	15,046
State	RES	S	4 LCL	63,136	474,096	546,086
State	RES	S	5 UCL	81,383	530,146	603,300
State	RES	S	6 OUT			
State	RES	Tot	0 EST	128,015	1,333,960	1,462,686
State	RES	Tot	1 MEAN	127,484	1,334,137	1,463,455
State	RES	Tot	2 %BIAS	0	0	0
State	RES	Tot	3 STD	6,780	21,733	21,452
State	RES	Tot	4 LCL	114,639	1,294,044	1,421,760
State	RES	Tot	5 UCL	141,432	1,375,794	1,504,416
State	RES	Tot	6 OUT			

Table J1 presents the number of survey respondents who reported fishing activity by analysis strata, including region of residence, type of water fished, and whether or not the reported fishing trip was guided. Cells highlighted in red indicate those analysis strata for which estimates are not reported due to small sample size.

Appendix J1 - Number of survey respondents reporting fishing activity by analysis strata

Analysis region		Survey Respondents' Region of Residence			
		Map area	Southwest	Southcentral	Interior
Resident - guided					
FRESHWATER		14	14	14	14
SALTWATER		13	13	13	13
Resident - unguided					
FRESHWATER		37	37	37	37
Nonresident - unguided					
FRESHWATER		36	36	36	36
SALTWATER		160	160	160	160
Nonresident - guided					
FRESHWATER		152	152	152	152
SALTWATER		413	413	413	413
Resident guided and unguided					
FRESHWATER		39	39	39	39
SALTWATER		190	190	190	190
Nonresident guided and unguided					
FRESHWATER		102	102	102	102
SALTWATER		573	573	573	573

less than 50 respondents

less than 10

estimates not reported

Table J1 presents the number of survey respondents who reported fishing activity, by analysis strata, including region of residence, type of water fished, and whether or not the reported fishing trip was guided. Cells highlighted in red indicate those analysis strata for which estimates are not reported due to small sample size.

Appendix J1.—Number of survey respondents reporting fishing activity by analysis strata.

Analysis region Map area	Survey Respondents' Region of Residency					
	Southeast	Southcentral			Interior	
	a	b	c	d	e	f
Resident - guided						
FRESHWATER	2	14	34	4	4	0
SALTWATER	4	43	50	2	1	0
Resident - unguided						
FRESHWATER	37	56	438	31	146	19
SALTWATER	186	157	171	31	5	0
Nonresident - unguided						
FRESHWATER	36	51	205	36	42	26
SALTWATER	160	63	87	6	5	1
Nonresident - guided						
FRESHWATER	66	122	378	73	40	20
SALTWATER	413	185	316	24	22	1
Resident guided and unguided						
FRESHWATER	39	70	472	35	150	19
SALTWATER	190	200	221	33	6	0
Nonresident guided and unguided						
FRESHWATER	102	173	583	109	82	46
SALTWATER	573	248	403	30	27	2

less than 50 respondents

less than 70

Estimates not reportable

The following tables present five separate spreadsheets (SAMPLING STRATEGY, RESERVES SPLIT, EARLY/ATE, RESPONSES, and FISHALL). We provide two versions of each spreadsheet: one provides the numerical results (denoted as the results version) while the other presents the formula and links used (denoted as the formula version). The SAMPLING STRATEGY spreadsheet contains all of the calculations, and the links to the other four spreadsheets, used to allocate the draw of 1,500 to individual strata. The RESERVES SPLIT spreadsheet contains the data and calculations to derive a five-year average of the proportion of anglers that are Alaska residents and those that are nonresidents. The EARLY/ATE spreadsheet contains the data and calculations to derive a six-year average of the proportion of fishing licenses that were issued early (before May 1st) or late (after May 1st). The RESPONSES spreadsheet contains the data and calculations used to estimate the likely response rate for each of the three survey mailings (across residency and time of license sale); these mailing-specific response rate calculations are based upon actual mailing-specific response rates to a similar length fishing survey administered by ADFG during 2004. The FISHALL spreadsheet provides the calculations used to determine the percent distribution of angler effort across the various fishing regions and by type of water fished (freshwater).

ALLOCATION OF RESIDENT AND NON-RESIDENT FISHING TO REGION FOR SAMPLING STRATEGY

APPENDIX K: ALLOCATION PROCEDURES FOR GENERATION OF THE ANGLER SURVEY SAMPLE

The table below summarizes the allocation procedures for the 2005 angler expenditure survey. The survey was allocated by residency and season of year to provide representative survey results for sportfishing expenditures by licensed anglers in Alaska. The sampling strategy developed was based on a number of ADFG Division of Sport Fish data sources which are described below.

ADFG Data Sources for Sampling Strategy:

Angler Data_Split_06.xls: A Division of Sport Fish spreadsheet file containing historical mailing statistics by year and month (e.g., license sales, number between angler counts, estimated number of anglers, etc.) from a variety of ADFG research projects and databases which is updated annually.

(a) BIDS spreadsheet contains number of Alaska Permanent Identification cards (PIIDs) issued in a given year.

(b) Licensed Anglers (Lic File) spreadsheet contains a summary of unique individuals who purchased an Alaska sportfishing in a given year by residency. Data source: ADFG Historical License Database.

SalesByMonthAndRes_KeonStudy2007_5yr average.xls: A Division of Sport Fish spreadsheet file containing results of an ad hoc analysis conducted to show the distribution of Alaska sport fishing license sales by month within residency groups for the years 1990-2006, and the distribution of license sales by month for the 5-year average from 2003-2008.

2005WHIS-sampleSizeANDCalendar.xls: A Division of Sport Fish spreadsheet file that contains the detailed sample allocation strategy and mailing dates for the 2005 DSP Statewide Harvest Survey. The split between ASSETS (other) spreadsheet contains the relative size of the nonresident angler strata in Alaska based on recent three-year average (2003-2005).

NT DF 2005 subregion strata comp regression.xls: A Division of Sport Fish spreadsheet file that contains a summary of the estimated total number of trips and total number of angler days fished in Alaska within each of the primary economic study regions by residency, water type (freshwater/saltwater) fished, and whether guided or unguided, based upon the 2003 DSP Statewide Harvest Survey.

The following tables present five separate spreadsheets (SAMPLING STRATEGY, RESNRES SPLIT, EARLYLATE, RESPONSERATES, and FISHALL). We provide two versions of each spreadsheet; one provides the numerical results (denoted as the results version) while the other presents the formula and links used (denoted as the formula version). The SAMPLING STRATEGY spreadsheet contains all of the calculations, and the links to the other four spreadsheets, used to allocate the draw of 7,500 to individual strata. The RESNRES SPLIT spreadsheet contains the data and calculations to derive a five-year average of the proportion of anglers that are Alaska residents and those that are nonresidents. The EARLYLATE spreadsheet contains the data and calculations to derive a six-year average of the proportion of fishing licenses that were issued early (before May 1st) or late (after May 1st). The RESPONSERATES spreadsheet contains the data and calculations used to estimate the likely response rate for each of the three survey mailings (across residency and time of license sale); these mailing-specific response rate calculations are based upon actual mailing-specific response rates to a similar length fishing survey administered by ADF&G during 2004. The FISHALL spreadsheet provides the calculations used to determine the percent distribution of angler effort across the various fishing regions and by type of water fished (fresh/salt).

ALLOCATION OF RESIDENT AND NON-RESIDENT FISHING TO REGION FOR SAMPLING STRATEGY

Filename: Sampling Strategy.xls

The tables included in this Appendix provided detailed information on how the survey sample for the 2007 angler expenditure survey was allocated by residency and season of year to provide generalizable survey results for sportfishing expenditures by licensed anglers in Alaska. The sampling strategy developed was based on a number of ADF&G, Division of Sport Fish data sources which are described below.

ADF&G Data Sources for Sampling Strategy.xls

Angler Data_SF11_06.xls: A Division of Sport Fish spreadsheet file containing historical angling statistics by year and strata (e.g., licenses sales, unique licensed angler counts, estimated number of anglers, etc.) from a variety of ADF&G research projects and databases which is updated annually.

- a) PIDs spreadsheet contains number of Alaska Permanent Identification cards (PIDs) issued in a given year
- b) Licensed Anglers (Lic File) spreadsheet contains a summary of unique individuals who purchased an Alaska sportfishing in a given year by residency. Data source: ADF&G Historical License Database

SalesByMonthAndRes_EconStudy2007_5yr_average.xls: A Division of Sport Fish spreadsheet file containing results of an ad hoc analysis conducted to show the distribution of Alaska sport fishing license sales by month within residency groups for the years 1996-2006, and the distribution of license sales by month for the 5-year average from 2002-2006.

2006SWHS-SampleSizeANDCalendar.xls: A Division of Sport Fish spreadsheet file that contains the detailed sample allocation strategy and mailing dates for the 2006 DSF Statewide Harvest Survey. The 'split between ASSETS-Other' spreadsheet contains the relative size of the nonresident angler strata in Alaska based on recent three-year average (2002-2004).

NT_DF_2005_subregion_strata_comg_resregion_ed.xls: A Division of Sport Fish spreadsheet file that contains a summary of the estimated total number of trips and total number of angler days fished in Alaska within each of the primary economic study regions by residency, water type (freshwater, saltwater) fished, and whether guided or unguided based upon the 2005 DSF Statewide Harvest Survey.

Appendix K1.—Sampling Strategy, results version.

RESULTS VERSION

D	E	F	G	H	I	J	L
12	INITIAL DRAW OF 7500						ESTIMATED NUMBER OF OBSERVATIONS BY RESIDENCY, FISHING LOCATION AND EARLY-LATE SPLITS
13							
14					RESIDENCY	REGION AND WATER TYPE OF FISHING	
15	RESIDENT & PIDS ^A		EARLY ^B	ESTIMATED RESPONSE RATE ^C	SOUTHEAST ^D	SE-FRESH ^E	
16	0.43		0.21	0.45	0.13	0.23	9
17						SE-SALT	
18						0.74	29
19						SC-1	
20						0.01	0
21						SC-COOK	
22						0.01	0
23						INTER	
24						0.01	0
25			LATE			SE-FRESH	
26			0.79	0.36		0.23	27
27						SE-SALT	
28						0.74	85
29						SC-1	
30						0.01	1
31						SC-COOK	
32						0.01	1
33						INTER	
34						0.01	1
35					SOUTH CENTRAL		
36			EARLY		0.70	SE-FRESH	
37						0.00	1
38						SE-SALT	
39						0.01	2
40						SC-1	

-continued-

D	E	F	G	H	I	J	K
41						0.43	93
42						SC-COOK	
43					0.30	0.53	113
44						INTER	
45						0.03	7
46			LATE			SE-FRESH	
47						0.00	3
48						SE-SALT	
49						0.01	6
50						SC-1	
51						0.43	277
52						SC-COOK	
53						0.53	338
54						INTER	
55						0.03	20
56					INTERIOR		
57			EARLY		0.17	SE-FRESH	
58						0.00	0
59						SE-SALT	
60						0.01	1
61						SC-1	
62						0.37	19
63						SC-COOK	
64						0.13	7
65						INTER	
66						0.49	25
67			LATE			SE-FRESH	
68						0.00	0
69						SE-SALT	
70						0.01	2
71						SC-1	
72						0.37	57
73						SC-COOK	
74						0.13	21
75						INTER	

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D	E	F	G	H	I	J	L
76						0.49	76
77	NONRESIDENTS	OTHER US RESIDENTS ^F	LATE			SE-FRESH	
78	0.57	0.94	1.00	0.47		0.04	84
79						SE-SALT	
80						0.25	476
81						SC-1	
82						0.33	629
83						SC-COOK	
84						0.33	630
85						INTER	
86						0.04	74
87		CANADIAN	LATE			SE-FRESH	
88		0.03	1.00	0.50		0.13	8
89						SE-SALT	
90						0.20	12
91						SC-1	
92						0.25	15
93						SC-COOK	
94						0.37	22
95						INTER	
96						0.06	3
97		OTHER FOREIGN	LATE			SE-FRESH	
98		0.04	1.00	0.29		0.13	6
99						SE-SALT	
100						0.20	9
101						SC-1	
102						0.25	11
103						SC-COOK	
104						0.37	16
105						INTER	
106						0.06	2

-continued-

N	O	P	Q
10	SUMMARY		
11			
12			
13	ESTIMATED TOTAL OBSERVATIONS BY RESIDENCY AND LOCATION OF FISHING		
14		RES	NRES
15	SE-FRESH	40	98
16	SE-SALT	124	497
17			
18	SC-1	448	655
19	SC-COOK	480	669
20			
21	INTERIOR	129	80
22			
23	TOTAL, by residency	1221	1998
24	GROSS:	3219	

- A Resident and non-resident split based upon a five-year average (2001-05) split between resident licensed anglers plus PIDS issued and non-resident licensed anglers. These data are from the 'PIDS' spreadsheet and the 'Licensed Anglers (Lic File)' spreadsheet located in the "Angler Data_SF11_06" excel file. Data used for the calculation recreated in the RESNRES SPLIT spreadsheet in Sampling Strategy.xls.
- B Early late splits for residents based upon those presented in the 'salesbymonth table' spreadsheet located in the "SalesByMonthAndRes_EconStudy2007_5yr_average.xls" file. Calculated split is based on a five-year average (2002-06). November & December sales allocated to Early. Weight for non-residents is equal to one since we only survey them in the late season. Data used for the calculation recreated in the EARLYLATE spreadsheet in Sampling Strategy.xls.
- C Response rate estimates are calculated based upon data presented in the "2006SWHS-SampleSizeANDCalendar.xls" file. Calculations are shown in the RESPONSERATES spreadsheet in Sampling Strategy.xls.
- D Resident split by region based upon a five-year average (2001-05). These data are from the 'Licensed Anglers (Lic File)' spreadsheet located in the "Angler Data_SF11_06.xls" file.
- E Allocation of resident and non-resident fishing to region based on the "NT_DF_2005_subregion_strata_comb_resregion_ed.xls" spreadsheet. Calculations shown in FISHALL spreadsheet in Sampling Strategy.xls. Note: unknown residency is not allocated to any group.
- F Calculations to split non-resident by type based upon two data series: 1) 'Split between ASSETS-OTHER' spreadsheet in the "2006SWHS-SampleSizeANDCalendar.xls" file and 2) 'Total Anglers(SWHS)' spreadsheet in the "Angler Data_SF11_06.xls" file. In the first, a three-year average (2002-04) split is provided between all three non-resident angler types. In the second, a five-year average (2001-05) split between other US and Foreign (it is assumed that Foreign here includes both Canadian and Foreign anglers). The numbers here use the second data series to calculate the split between the 'other US non-residents' and the 'Canadian/Foreign combined non-residents'. The first data series is used to split the 'Canadian/Foreign combined non-residents' into its individual components

Appendix K2.-Sampling Strategy, formula version.

FORMULA VERSION.

D	E	F	G	H	I	J	L
12	INITIAL DRAW OF 7500						
13							
14						REGION AND WATER TYPE OF FISHING	ESTIMATED NUMBER OF OBSERVATIONS BY RESIDENCY, FISHING LOCATION AND EARLY- LATE SPLITS
15	RESIDENT & PIDS ^A		EARLY	ESTIMATED RESPONSE RATE ^C	SOUTHEAST ^D	SE-FRESH ^E	
16	=resnres split!!I8		=earlylate!G10	=responserates! E15	0.13	=fishall!J33	=E\$12*E\$16*G\$16*H\$16*I\$1 6*J16
17	=ROUND(\$E\$12*E16,0)		=ROUND(E\$17*G16,0)			SE-SALT	
18						=fishall!K33	=E\$12*E\$16*G\$16*H\$16*I\$1 6*J18
19						SC-1	
20						=fishall!L33	=E\$12*E\$16*G\$16*H\$16*I\$1 6*J20
21						SC-COOK	
22						=fishall!M33	=E\$12*E\$16*G\$16*H\$16*I\$1 6*J22
23						INTERIOR	
24						=fishall!N33	=E\$12*E\$16*G\$16*H\$16*I\$1 6*J24
25			LATE			SE-FRESH	
26			=earlylate!H10	=responserates! 15		=J16	=E\$12*E\$16*G\$26*H\$26*I\$1 6*J26
27			=ROUND(E\$17*G26,0)			SE-SALT	
28						=J18	=E\$12*E\$16*G\$26*H\$26*I\$1 6*J28
29						SC-1	
30						=J20	=E\$12*E\$16*G\$26*H\$26*I\$1 6*J30
31						SC-COOK	
32						=J22	=E\$12*E\$16*G\$26*H\$26*I\$1 6*J32
33						INTER	

-continued-

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-continued-

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D	E	F	G	H	I	J	L
60						=fishall!K51	=E\$12*E\$16*G\$16*H\$16*I\$5
61						SC-1	7*J60
62						=fishall!L51	=E\$12*E\$16*G\$16*H\$16*I\$5
63						SC-COOK	7*J62
64						=fishall!M51	=E\$12*E\$16*G\$16*H\$16*I\$5
65						INTER	7*J64
66						=fishall!N51	=E\$12*E\$16*G\$16*H\$16*I\$5
67			LATE			SE-FRESH	7*J66
68						=J58	=E\$12*E\$16*G\$26*H\$26*I\$5
69						SE-SALT	7*J68
70						=J60	=E\$12*E\$16*G\$26*H\$26*I\$5
71						SC-1	7*J70
72						=J62	=E\$12*E\$16*G\$26*H\$26*I\$5
73						SC-COOK	7*J72
74						=J64	=E\$12*E\$16*G\$26*H\$26*I\$5
75						INTER	7*J74
76						=J66	=E\$12*E\$16*G\$26*H\$26*I\$5
77	NONRESIDENTS	OTHER US	LATE			SE-FRESH	7*J76
78	=resres split!J8	0.94	1	=responserates! Q15		=fishall!J22	=E\$12*E\$78*F\$78*G\$78*H\$7
79	=ROUND(\$E\$12*E78,0)		=ROUND(E\$79*F78,0)			SE-SALT	8*J78
80						=fishall!K22	=E\$12*E\$78*F\$78*G\$78*H\$7
81						SC-1	8*J80
82						=fishall!L22	=E\$12*E\$78*F\$78*G\$78*H\$7
83						SC-COOK	8*J82
84						=fishall!M22	=E\$12*E\$78*F\$78*G\$78*H\$7
85						INTER	8*J84

-continued-

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D	E	F	G	H	I	J	L
86						=fishall!N22	=ES12*ES78*F\$88*G\$88*H\$8
87		CANADIAN	LATE			SE-FRESH	8*J86
88				responsersates!		=fishall!J11	=ES12*ES78*F\$88*G\$88*H\$8
89		0.03	=ROUND(E\$79*F88,0)	41		SE-SALT	8*J88
90						=fishall!K11	=ES12*ES78*F\$88*G\$88*H\$8
91						SC-1	8*J90
92						=fishall!L11	=ES12*ES78*F\$88*G\$88*H\$8
93						SC-COOK	8*J92
94						=fishall!M11	=ES12*ES78*F\$88*G\$88*H\$8
95						INTER	8*J94
96						=fishall!N11	=ES12*ES78*F\$88*G\$88*H\$8
97		OTHER FOREIGN	LATE			SE-FRESH	
98		0.04		=responsersates! Q41		=J88	=ES12*ES78*F\$98*G\$98*H\$9
99			=ROUND(E\$79*F98,0)			SE-SALT	8*J98
100						=J90	=ES12*ES78*F\$98*G\$98*H\$9
101						SC-1	8*J100
102						=J92	=ES12*ES78*F\$98*G\$98*H\$9
103						SC-COOK	8*J102
104						=J94	=ES12*ES78*F\$98*G\$98*H\$9
105						INTER	8*J104
106						=J96	=ES12*ES78*F\$98*G\$98*H\$9

Appendix K2.-Page 5 of 5.

N	O	Q
10	SUMMARY	
11	ESTIMATED TOTAL OBSERVATIONS BY RESIDENCY AND LOCATION OF FISHING	
12		
13		
14		RES NRES
15	SE-FRESH	=L16+L26+L37+L47+L58+L68 =L78+L88+L98
16	SE-SALT	=L18+L28+L39+L49+L60+L70 =L80+L90+L100
17		
18	SC-1	=L20+L30+L41+L51+L62+L72 =L82+L92+L102
19	SC-COOK	=L22+L32+L43+L53+L64+L74 =L84+L94+L104
20		
21	INTERIOR	=L24+L34+L45+L55+L66+L76 =L86+L96+L106
22		
23	TOTAL, by residency	=SUM(P15:P21) =SUM(Q15:Q21)
24	GROSS:	=P23+Q23

Appendix K3.—Generation of resident/nonresident split for sampling strategy, **RESNRES SPLIT**.

RESULTS VERSION

	B	C	D	E	F	G	H	I	J
		DAV/PIDS ISSUED	RESIDENT LICENSES ISSUED	TOTAL RESIDENT LICENSES ISSUED	NONRESIDENT LICENSES ISSUED	TOTAL RESIDENT & NONRESIDENT ISSUED		PERCENT RESIDENT	PERCENT NONRESIDENT
3	2001	3,976	178,947	182,923	236,488	419,411		0.436	0.564
4	2002	4,253	178,422	182,675	241,419	424,094		0.431	0.569
5	2003	4,934	184,575	189,509	235,515	425,024		0.446	0.554
6	2004	4,637	189,552	194,189	272,377	466,566		0.416	0.584
7	2005	4,052	189,089	193,141	284,154	477,295		0.405	0.595
								0.427 ^A	0.573 ^B

FORMULA VERSION

		DAV/PIDS ISSUED	RESIDENT LICENSES ISSUED	TOTAL RESIDENT LICENSES ISSUED	NONRESIDENT LICENSES ISSUED	TOTAL RESIDENT & NONRESIDENT ISSUED		PERCENT RESIDENT	PERCENT NONRESIDENT
	2001	3,976	178,947	=SUM(B3:C3)	236,488	=SUM(D3:E3)		=D3/F3	=E3/F3
	2002	4,253	178,422	=SUM(B4:C4)	241,419	=SUM(D4:E4)		=D4/F4	=E4/F4
	2003	4,934	184,575	=SUM(B5:C5)	235,515	=SUM(D5:E5)		=D5/F5	=E5/F5
	2004	4,637	189,552	=SUM(B6:C6)	272,377	=SUM(D6:E6)		=D6/F6	=E6/F6
	2005	4,052	189,089	=SUM(B7:C7)	284,154	=SUM(D7:E7)		=D7/F7	=E7/F7
								=SUM(I3:I7)/5	=SUM(J3:J7)/5

A Used in cell E16 in the SAMPLING STRATEGY spreadsheet

B Used in cell E78 in the SAMPLING STRATEGY spreadsheet

Appendix K4.—Generation of early/late split for sampling strategy, **EARLYLATE**.

RESULTS VERSION

	B	C	D	E	F	G	H
		NUMBER OF EARLY LICENSED ISSUED	NUMBER OF LATE LICENSED ISSUED	TOTAL NUMBER OF LICENSED ISSUED		PERCENT OF LICENCED ISSUED EARLY	PERCENT OF LICENCED ISSUED LATE
4	2001	38,701	144,604	183,305		0.211	0.789
5	2002	37,757	145,108	182,865		0.206	0.794
6	2003	41,848	147,492	189,340		0.221	0.779
7	2004	38,899	155,099	193,998		0.201	0.799
8	2005	43,143	150,073	193,216		0.223	0.777
9	2006	40,396	144,980	185,376		0.218	0.782
10						0.213^A	0.787^B
FORMULA VERSION							
	2001	38701	144604	=SUM(C4:D4)		=C4/E4	=D4/E4
	2002	37757	145108	=SUM(C5:D5)		=C5/E5	=D5/E5
	2003	41848	147492	=SUM(C6:D6)		=C6/E6	=D6/E6
	2004	38899	155099	=SUM(C7:D7)		=C7/E7	=D7/E7
	2005	43143	150073	=SUM(C8:D8)		=C8/E8	=D8/E8
	2006	40396	144980	=SUM(C9:D9)		=C9/E9	=D9/E9
						=SUM(G4:G9)/6	=SUM(H4:H9)/6

A Used in cell G16 in the SAMPLING STRATEGY spreadsheet

B Used in cell G26 in the SAMPLING STRATEGY spreadsheet

Appendix K5.—Generation of expected response rates for sampling strategy, **RESPONSERATES**.

RESULTS VERSION - EARLY RESIDENT

	B	C	D	E
7				
8				1
9	Wave 1	0.27 ^A	0.95 ^B	0.25
10				0.75
11	Wave 2	0.20	0.95	0.14
12				0.61
13	Wave 3	0.10	0.95	0.05
14				
15	Cumulative response rate			0.45 ^C
FORMULA VERSION				
	Wave 1	0.27	0.95	=C9*D9
				=E8-E9
	Wave 2	0.20	0.95	=E10*C11*D11
				=E10-E11
	Wave 3	0.10	0.95	=E12*C13*D13
				=(E9+E11+E13)

- A Wave specific response rates (for Resident and Other USA) are from the 'AK & Other USA' spreadsheet (column P); "2006SWHS-SampleSizeANDCalender.xls" file. These response rates are based on actual 2004 wave specific response rates.
- B To be conservative, all response rates discounted by 0.95
- C Used in cell H16 in the SAMPLING STRATEGY spreadsheet.

RESULTS VERSION - LATE RESIDENT

	F	G	H	I
7				
8				1
9	Wave 1	0.20 ^A	0.95 ^B	0.19
10				0.81
11	Wave 2	0.17	0.95	0.13
12				0.68
13	Wave 3	0.06	0.95	0.04
14				
15				0.36 ^C
FORMULA VERSION				
	Wave 1	0.20	0.95	=G9*H9
				=I8-I9
	Wave 2	0.17	0.95	=I10*G11*H11
				=I10-I11
	Wave 3	0.06	0.95	=I12*G13*H13
				=I9+I11+I13

- A Wave specific response rates (for Resident and Other USA) are from the 'AK & Other USA' spreadsheet (column P); "2006SWHS-SampleSizeANDCalender.xls" file. These response rates are based on actual 2004 wave specific response rates.
- B To be conservative, all response rates discounted by 0.95
- C Used in cell H26 in the SAMPLING STRATEGY spreadsheet

RESULTS VERSION - LATE OTHER USA

	N	O	P	Q
7				
8				1
9	Wave 1	0.31 ^A	0.95 ^B	0.29
10				0.71
11	Wave 2	0.20	0.95	0.14
12				0.57
13	Wave 3	0.08	0.95	0.04
14				
15				0.47 ^C
FORMULA VERSION				
	Wave 1	0.31	0.95	=O9*P9
				=Q8-Q9
	Wave 2	0.20	0.95	=Q10*O11*P11
				=Q10-Q11
	Wave 3	0.08	0.95	=Q12*O13*P13
				=(Q9+Q11+Q13)

- A Wave specific response rates (for Resident and Other USA) are from the 'AK & Other USA' spreadsheet (column P); "2006SWHS-SampleSizeANDCalender.xls" file. These response rates are based on actual 2004 wave specific response rates.
- B To be conservative, all response rates discounted by 0.95
- C Used in cell H78 in the SAMPLING STRATEGY spreadsheet

RESULTS VERSION - LATE CANADA

	F	G	H	I
33				
34				1
35	Wave 1	0.32 ^A	0.95 ^B	0.31
36				0.69
37	Wave 2	0.23	0.95	0.15
38				0.54
39	Wave 3	0.09	0.95	0.05
40				
41				0.50 ^C
FORMULA VERSION				
	Wave 1	0.32	0.95	=I34*G35*H35
				=I34-I35
	Wave 2	0.23	0.95	=I36*G37*H37
				=I36-I37
	Wave 3	0.09	0.95	=I38*G39*H39
				=(I35+I37+I39)

- A Wave specific response rates (for Resident and Other USA) are from the 'AK & Other USA' spreadsheet (column P); "2006SWHS-SampleSizeANDCalender.xls" file. These response rates are based on actual 2004 wave specific response rates.
- B To be conservative, all response rates discounted by 0.95
- C Used in cell H88 in the SAMPLING STRATEGY spreadsheet

RESULTS VERSION - LATE FOREIGN

	N	O	P	Q
33				
34				1
35	Wave 1	0.17 ^A	0.95 ^B	0.16
36				0.84
37	Wave 2	0.13	0.95	0.11
38				0.73
39	Wave 3	0.04	0.95	0.02
40				
41				0.29 ^C
FORMULA VERSION				
	Wave 1	0.17	0.95	=Q34*O35*P35
				=Q34-Q35
	Wave 2	0.13	0.95	=Q36*O37*P37
				=Q36-Q37
	Wave 3	0.04	0.95	=Q38*O39*P39
				=(Q35+Q37+Q39)

- A Wave specific response rates (for Resident and Other USA) are from the 'AK & Other USA' spreadsheet (column P); "2006SWHS-SampleSizeANDCalender.xls" file. These response rates are based on actual 2004 wave specific response rates.
- B To be conservative, all response rates discounted by 0.95.
- C Used in cell H98 in the SAMPLING STRATEGY spreadsheet

Appendix K6.—Allocation of resident and non-resident fishing to region for sampling strategy, **FISHALL**.

RESULTS VERSION

	B	C	D	J	K	L	M	N
	RESIDENCY	WATER TYPE	TOTAL NUMBER OF ANGLERS	% FISHING				
				SE-F	SE-S	SC-other	SC-cook	INTERIOR
4	CANADIAN & FOREIGN	FRESH	2,751					
5		SALT	4,337					
6		FRESH	6,987					
7		SALT	917					
8		FRESH	1,130					
9		SALT	4,183					
10		FRESH	1,205					
11			21,510	0.128	0.202	0.247	0.367	0.056
14	OTHER US	FRESH	15,991					
15		SALT	90,230					
16		FRESH	95,349					
17		SALT	24,182					
18		FRESH	21,091					
19		SALT	98,290					
20		FRESH	13,906					
21		SALT	74					
22			359,113	0.045	0.251	0.332	0.333	0.039
26	SOUTHEAST ALASKA	FRESH	7,771					
27		SALT	24,649					
28		FRESH	239					
29		SALT	35					

-continued-

Appendix K6.-Page 2 of 2.

	B	C	D	J	K	L	M	N
	RESIDENCY	WATER TYPE	TOTAL NUMBER OF ANGLERS	% FISHING				
30		FRESH	155					
31		SALT	260	0.012	0.321	0.725	0.333	0.038
32		FRESH	211					
33			33,320	0.233	0.740	0.012	0.008	0.006
	SOUTH CENTRAL ALASKA							
34		FRESH	865					
35		SALT	1,930					
36		FRESH	96,060					
37		SALT	15,709					
38		FRESH	15,413					
39		SALT	76,135	0.138	0.303	0.343	0.383	0.028
40		FRESH	6,488					
41		SALT	78					
42			212,678	0.004	0.009	0.430	0.526	0.031
	INTERIOR ALASKA							
43		FRESH	120					
44		SALT	496					
45		FRESH	4,187					
46		SALT	1,718					
47		FRESH	581					
48		SALT	15,812					
49		FRESH	21,516					
50		SALT	242					
51			44,672	0.003	0.911	0.367	0.132	0.487

Appendix K7.—Allocation of resident and non-resident fishing to region for sampling strategy, FISHALL.

FORMULA VERSION

	B	C	D	J	K	L	M	N
	RESIDENCY	WATER TYPE	TOTAL NUMBER OF ANGLERS	% FISHING				
				SE-F	SE-S	SC-other	SC-cook	INTERIOR
4	CANADIAN & FOREIGN	FRESH	2751					
5		SALT	4337					
6		FRESH	6987					
7		SALT	917					
8		FRESH	1130					
9		SALT	4183					
10		FRESH	1205					
11			=SUM(D4:D10)	=D4/D11	=D5/D11	=(D8+D9)/D11	=(D6+D7)/D11	=D10/D11
14	OTHER US	FRESH	15991					
15		SALT	90230					
16		FRESH	95349					
17		SALT	24182					
18		FRESH	21091					
19		SALT	98290					
20		FRESH	13906					
21		SALT	74					
22			=SUM(D14:D21)	=D14/\$D22	=D15/\$D22	=(D18+D19)/\$D22	=(D16+D17)/\$D22	=(D20+D21)/\$D22
26	SOUTHEAST ALASKA	FRESH	7771					
27		SALT	24649					
28		FRESH	239					
29		SALT	35					

-continued-

Appendix K7.-Page 2 of 2.

	B	C	D	J	K	L	M	N
	RESIDENCY	WATER TYPE	TOTAL NUMBER OF ANGLERS	% FISHING				
30		FRESH	155					
31		SALT	260					
32		FRESH	211					
33			=SUM(D26:D32)	=D26/D33	=D27/D33	=(D30+D31)/D33	=(D28+D29)/D33	=D32/D33
34	SOUTHCENTRAL ALASKA	FRESH	865					
35		SALT	1930					
36		FRESH	96060					
37		SALT	15709					
38		FRESH	15413					
39		SALT	76135					
40		FRESH	6488					
41		SALT	78					
42			=SUM(D34:D41)	=D34/\$D42	=D35/\$D42	=(D38+D39)/\$D42	=(D36+D37)/\$D42	=(D40+D41)/\$D42
43	INTERIOR ALASKA	FRESH	120					
44		SALT	496					
45		FRESH	4187					
46		SALT	1718					
47		FRESH	581					
48		SALT	15812					
49		FRESH	21516					
50		SALT	242					
51			=SUM(D43:D50)	=D43/\$D51	=D44/\$D51	=(D47+D48)/\$D51	=(D45+D46)/\$D51	=(D49+D50)/\$D51

The following tables present detailed spending averages for each expenditure category, by region, for each analysis strata. The trip expenditures are the average expenditure in each region per angler-day for residents and nonresidents, by type of water fished, and by use of guides. Average expenditures for equipment are the annual average expenditure in each region per resident and nonresident angler. All figures represent the average spending for all Alaska resident anglers, regardless of where they fished or the region where they live, and by all nonresident anglers who live outside of Alaska regardless of where they fished.

- Statewide average spending
- Southeast Region average spending
- Southcentral Region average spending
- Interior Region average spending

APPENDIX L: DETAILED ESTIMATES OF AVERAGE SPENDING

The following tables present detailed spending averages for each expenditure category, by region, for each analysis strata. The trip expenditures are the average expenditure in each region per angler-day for residents and nonresidents, by type of water fished, and by use of guides. Average expenditures for equipment are the annual average expenditure in each region per resident and nonresident angler. All figures represent the average spending for all Alaska resident anglers, regardless of where they fished or the region where they live, and by all nonresident anglers who live outside of Alaska regardless of where they fished.

- Statewide average spending
- Southeast Region average spending
- Southcentral Region average spending
- Interior Region average spending
- Cook Inlet Subregion average spending
- Southeast Marine Subregion average spending

Appendix L1.—Average spending by sportfishing anglers in Alaska statewide, 2007

	Guided & Unguided Fresh & Salt		Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		NonResident Unguided		NonResident Guided	
	Resident & Nonresident		RESIDENT	NONRESIDENT	FRESH	SALT	FRESH	SALT	FRESH	SALT	FRESH	SALT
	\$ per angler-day											
licenses	\$ 9.12	\$ 4.54	\$ 15.31	\$ 4.54	\$ 4.54	\$ 4.54	\$ 4.54	\$ 4.54	\$ 15.31	\$ 15.31	\$ 15.31	\$ 15.31
fuel	\$ 36.83	\$ 47.92	\$ 21.84	\$ 35.47	\$ 68.15	\$ 55.43	\$ 45.26	\$ 16.38	\$ 29.19	\$ 26.00	\$ 21.72	\$ 21.72
guide	\$ 45.61	\$ 22.12	\$ 77.35	\$ 1.87	\$ 1.58	\$ 224.96	\$ 240.73	\$ 10.24	\$ 2.85	\$ 156.94	\$ 178.35	\$ 178.35
air	\$ 21.52	\$ 2.25	\$ 47.56	\$ 0.83	\$ 0.06	\$ 21.49	\$ 18.81	\$ 35.73	\$ 32.09	\$ 61.86	\$ 66.90	\$ 66.90
travel	\$ 6.24	\$ 0.56	\$ 13.92	\$ 0.26	\$ 0.50	\$ 5.76	\$ 0.30	\$ 17.53	\$ 4.17	\$ 16.11	\$ 14.23	\$ 14.23
process	\$ 15.09	\$ 6.28	\$ 26.99	\$ 3.38	\$ 7.76	\$ 5.65	\$ 30.04	\$ 13.07	\$ 11.03	\$ 30.89	\$ 56.98	\$ 56.98
rentals	\$ 10.62	\$ 1.58	\$ 22.83	\$ 1.60	\$ 1.63	\$ -	\$ 2.28	\$ 19.89	\$ 8.46	\$ 36.87	\$ 28.21	\$ 28.21
derby	\$ 1.12	\$ 1.60	\$ 0.47	\$ 0.45	\$ 3.50	\$ 0.50	\$ 2.60	\$ 0.18	\$ 0.35	\$ 0.32	\$ 1.10	\$ 1.10
dock	\$ 6.08	\$ 8.93	\$ 2.22	\$ 4.29	\$ 18.75	\$ 0.42	\$ 1.02	\$ 2.55	\$ 6.07	\$ 0.23	\$ 0.25	\$ 0.25
ice	\$ 1.89	\$ 2.43	\$ 1.17	\$ 2.12	\$ 2.93	\$ 1.85	\$ 2.94	\$ 1.56	\$ 0.82	\$ 1.12	\$ 0.86	\$ 0.86
bait	\$ 3.45	\$ 4.48	\$ 2.06	\$ 2.17	\$ 9.24	\$ 0.41	\$ 1.25	\$ 1.67	\$ 5.37	\$ 1.12	\$ 0.86	\$ 0.86
groceries	\$ 23.96	\$ 24.10	\$ 23.76	\$ 21.00	\$ 25.00	\$ 38.66	\$ 32.60	\$ 22.42	\$ 21.93	\$ 29.05	\$ 23.46	\$ 23.46
meals	\$ 16.46	\$ 10.58	\$ 24.40	\$ 7.63	\$ 8.88	\$ 40.57	\$ 32.92	\$ 16.60	\$ 14.90	\$ 35.76	\$ 33.32	\$ 33.32
lodging	\$ 22.42	\$ 12.71	\$ 35.54	\$ 7.40	\$ 8.11	\$ 95.84	\$ 41.00	\$ 15.36	\$ 17.93	\$ 63.02	\$ 59.91	\$ 59.91
gifts	\$ 7.88	\$ 1.84	\$ 16.03	\$ 1.04	\$ 1.55	\$ 6.53	\$ 9.46	\$ 10.58	\$ 8.25	\$ 21.00	\$ 26.56	\$ 26.56
amusement	\$ 3.86	\$ 3.17	\$ 4.79	\$ 1.37	\$ 4.93	\$ 11.48	\$ 5.23	\$ 3.34	\$ 2.61	\$ 9.34	\$ 5.42	\$ 5.42
other	\$ 0.30	\$ 0.09	\$ 0.58	\$ 0.06	\$ 0.15	\$ -	\$ 0.10	\$ 0.03	\$ 0.04	\$ 1.17	\$ 1.39	\$ 1.39
pkg. air	\$ 11.92	\$ -	\$ 28.02	\$ -	\$ -	\$ -	\$ -	\$ 11.68	\$ 20.80	\$ 55.71	\$ 38.83	\$ 38.83
pkg. trans	\$ 2.64	\$ -	\$ 6.21	\$ -	\$ -	\$ -	\$ -	\$ 0.79	\$ 1.11	\$ 14.43	\$ 12.47	\$ 12.47
pkg. guide	\$ 18.62	\$ -	\$ 43.78	\$ -	\$ -	\$ -	\$ -	\$ 2.51	\$ 4.53	\$ 110.89	\$ 88.52	\$ 88.52
pkg. lodge	\$ 13.55	\$ -	\$ 31.84	\$ -	\$ -	\$ -	\$ -	\$ 6.80	\$ 7.32	\$ 78.77	\$ 55.24	\$ 55.24
pkg. meals	\$ 7.41	\$ -	\$ 17.42	\$ -	\$ -	\$ -	\$ -	\$ 4.33	\$ 9.59	\$ 39.82	\$ 27.43	\$ 27.43
	Annual \$ per licensed angler											
Eq. RodReel	\$ 52.87	\$ 102.84	\$ 19.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Tackle	\$ 41.53	\$ 68.14	\$ 23.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Tacklebox	\$ 4.38	\$ 9.02	\$ 1.29	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Electronics	\$ 18.78	\$ 46.40	\$ 0.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Nets	\$ 8.12	\$ 18.15	\$ 1.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Misc	\$ 13.99	\$ 24.56	\$ 6.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Shellfish	\$ 5.62	\$ 12.74	\$ 0.85	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Taxidermy	\$ 4.78	\$ 7.63	\$ 2.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Books	\$ 3.89	\$ 6.47	\$ 2.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Preserve	\$ 19.62	\$ 37.16	\$ 7.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Coolers	\$ 9.88	\$ 16.02	\$ 5.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Clothing	\$ 20.70	\$ 33.48	\$ 12.14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Boots	\$ 14.92	\$ 28.51	\$ 5.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Jackets	\$ 7.93	\$ 18.99	\$ 0.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Boats	\$ 221.16	\$ 530.17	\$ 14.38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Motors	\$ 79.67	\$ 194.92	\$ 2.54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Trailers	\$ 16.81	\$ 40.70	\$ 0.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. OtherParts	\$ 32.68	\$ 76.00	\$ 3.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. BearSpray	\$ 3.72	\$ 6.74	\$ 1.71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Firearms	\$ 10.99	\$ 26.98	\$ 0.29	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Cameras	\$ 13.00	\$ 27.73	\$ 3.14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Tents	\$ 7.72	\$ 17.96	\$ 0.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Campers	\$ 66.31	\$ 165.33	\$ 0.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Other Camp	\$ 6.10	\$ 13.72	\$ 1.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Vehicles	\$ 185.72	\$ 442.28	\$ 14.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Planes	\$ 11.75	\$ 21.60	\$ 5.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. ATV	\$ 55.51	\$ 138.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Registration	\$ 11.84	\$ 28.17	\$ 0.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Repair	\$ 50.44	\$ 117.50	\$ 5.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Eq. Other	\$ 0.49	\$ 1.18	\$ 0.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RE. repair	\$ 105.94	\$ 104.36	\$ 107.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RE. construction	\$ 278.55	\$ 279.28	\$ 278.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
License expenditures	\$9.12	\$4.54	\$15.31	\$4.54	\$4.54	\$4.54	\$4.54	\$4.54	\$15.31	\$15.31	\$15.31	\$15.31
Trip expenditures (non-package)	\$223.32	\$150.63	\$321.50	\$91.73	\$162.81	\$509.56	\$466.53	\$187.12	\$166.06	\$490.79	\$621.53	\$621.53
Package expenditures	\$64.16	\$0.00	\$127.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.12	\$43.34	\$299.62	\$222.50
Equipment expenditures	\$1,000.91	\$2,279.55	\$145.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Real estate expenditures	\$384.49	\$383.64	\$305.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Appendix L2.- Average spending by sportfishing anglers in Southeast Alaska, 2007.

	Guided & Unguided Fresh & Salt		Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		Non-Resident Unguided		Non-Resident Guided	
	Resident & Nonresident		RESIDENT	NONRESIDENT	FRESH	SALT	FRESH	SALT	FRESH	SALT	FRESH	SALT
	\$ per angler-day											
license												
fuel	\$ 26.54	\$	\$ 36.27	\$ 19.90	\$ 10.39	\$ 43.83			\$ 10.72	\$ 38.16	\$ 12.28	\$ 10.40
guide	\$ 49.85	\$	\$ 9.66	\$ 77.27	\$ -	\$ 0.51			\$ 12.31	\$ 2.82	\$ 135.26	\$ 145.97
air	\$ 31.76	\$	\$ -	\$ 53.43	\$ -	\$ -			\$ 36.76	\$ 44.88	\$ 60.50	\$ 64.27
travel	\$ 7.34	\$	\$ 0.27	\$ 12.17	\$ 0.44	\$ 0.26			\$ 17.60	\$ 6.94	\$ 29.98	\$ 12.09
process	\$ 16.11	\$	\$ 8.51	\$ 21.29	\$ 2.48	\$ 7.67			\$ 9.52	\$ 6.49	\$ 27.37	\$ 35.24
rentals	\$ 4.43	\$	\$ 0.67	\$ 7.07	\$ -	\$ 2.36			\$ 7.40	\$ 9.30	\$ 9.49	\$ 5.02
duty	\$ 1.68	\$	\$ 3.72	\$ 0.28	\$ 1.89	\$ 4.52			\$ 0.09	\$ 0.35	\$ -	\$ 0.32
deck	\$ 9.12	\$	\$ 19.02	\$ 2.36	\$ 0.24	\$ 25.01			\$ 5.50	\$ 4.56	\$ -	\$ 0.02
ice	\$ 0.66	\$	\$ 1.07	\$ 0.39	\$ 0.28	\$ 1.36			\$ 0.56	\$ 0.62	\$ 0.48	\$ 0.15
bait	\$ 4.33	\$	\$ 7.31	\$ 2.30	\$ 2.94	\$ 9.98			\$ 3.71	\$ 4.31	\$ 2.73	\$ 0.33
groceries	\$ 16.15	\$	\$ 13.83	\$ 17.74	\$ 6.13	\$ 16.22			\$ 17.08	\$ 24.09	\$ 21.63	\$ 12.82
meals	\$ 10.94	\$	\$ 1.19	\$ 17.59	\$ -	\$ 1.43			\$ 14.47	\$ 19.93	\$ 26.13	\$ 15.84
lodging	\$ 17.69	\$	\$ 0.48	\$ 29.44	\$ -	\$ 0.64			\$ 28.98	\$ 22.14	\$ 87.66	\$ 27.89
gifts	\$ 8.79	\$	\$ 0.20	\$ 14.64	\$ 0.58	\$ 0.14			\$ 9.01	\$ 10.01	\$ 10.44	\$ 20.38
amusement	\$ 2.13	\$	\$ 0.43	\$ 3.29	\$ 1.33	\$ 0.27			\$ 2.94	\$ 2.35	\$ 7.00	\$ 3.65
other	\$ 0.28	\$	\$ -	\$ 0.65	\$ -	\$ -			\$ -	\$ 0.08	\$ -	\$ 1.36
pkg. air	\$ 12.66	\$	\$ -	\$ 21.31	\$ -	\$ -			\$ 12.14	\$ 9.05	\$ 28.77	\$ 32.37
pkg. trans	\$ 4.95	\$	\$ -	\$ 0.34	\$ -	\$ -			\$ 0.34	\$ 1.06	\$ 8.67	\$ 15.65
pkg. guide	\$ 25.61	\$	\$ -	\$ 43.08	\$ -	\$ -			\$ -	\$ 7.80	\$ 36.31	\$ 83.77
pkg. lodge	\$ 18.98	\$	\$ -	\$ 31.94	\$ -	\$ -			\$ 7.91	\$ 11.48	\$ 28.20	\$ 55.20
pkg. meals	\$ 11.58	\$	\$ -	\$ 19.48	\$ -	\$ -			\$ 3.96	\$ 6.60	\$ 14.04	\$ 34.63
	Annual \$ per licensed angler											
Eq. RodReel	\$ 7.50	\$	\$ 12.98	\$ 3.84								
Eq. Tackle	\$ 7.78	\$	\$ 11.05	\$ 5.59								
Eq. Tacklebox	\$ 0.47	\$	\$ 0.87	\$ 0.21								
Eq. Electronics	\$ 3.68	\$	\$ 8.90	\$ 0.14								
Eq. Nets	\$ 1.21	\$	\$ 2.27	\$ 0.51								
Eq. Misc	\$ 3.37	\$	\$ 4.85	\$ 2.39								
Eq. Rhinosh	\$ 1.87	\$	\$ 4.12	\$ 0.36								
Eq. Taxidermy	\$ 0.89	\$	\$ -	\$ 1.49								
Eq. Hooks	\$ 0.61	\$	\$ 0.65	\$ 0.58								
Eq. Preserve	\$ 2.48	\$	\$ 4.95	\$ 0.82								
Eq. Coolers	\$ 1.46	\$	\$ 2.32	\$ 0.89								
Eq. Clothing	\$ 4.75	\$	\$ 4.26	\$ 5.08								
Eq. Boots	\$ 2.14	\$	\$ 3.95	\$ 0.93								
Eq. Jackets	\$ 1.45	\$	\$ 3.33	\$ 0.20								
Eq. Boots	\$ 30.07	\$	\$ 64.82	\$ 6.82								
Eq. Motors	\$ 19.74	\$	\$ 49.15	\$ 0.06								
Eq. Trailers	\$ 5.92	\$	\$ 14.59	\$ 0.12								
Eq. Other Parts	\$ 6.72	\$	\$ 14.00	\$ 1.85								
Eq. Bear Spray	\$ 0.56	\$	\$ 1.02	\$ 0.25								
Eq. Firearms	\$ 0.92	\$	\$ 2.29	\$ -								
Eq. Cameras	\$ 1.71	\$	\$ 3.25	\$ 0.69								
Eq. Tents	\$ 0.51	\$	\$ 1.22	\$ 0.04								
Eq. Campers	\$ -	\$	\$ -	\$ -								
Eq. Other Camp	\$ 0.87	\$	\$ 1.92	\$ 0.17								
Eq. Vehicles	\$ 14.95	\$	\$ 37.01	\$ 0.19								
Eq. Flares	\$ 2.74	\$	\$ 4.96	\$ 1.26								
Eq. ATV	\$ 2.75	\$	\$ 6.86	\$ -								
Eq. Registration	\$ 2.02	\$	\$ 4.97	\$ 0.04								
Eq. Repair	\$ 12.71	\$	\$ 26.23	\$ 3.66								
Eq. Other	\$ 0.03	\$	\$ 0.06	\$ -								
RE. repair	\$ 56.49	\$	\$ 31.67	\$ 73.09								
RE. construction	\$ 56.73	\$	\$ 70.83	\$ 47.29								
Trip expenditures (non-package)	\$207.91		\$102.54	\$279.80	\$26.68	\$111.18	\$0.00	\$0.00	\$176.65	\$197.01	\$430.97	\$355.73
Package expenditures	\$73.79		\$0.00	\$124.14	\$0.00	\$0.00	\$0.00	\$0.00	\$24.35	\$36.79	\$115.99	\$221.52
Equipment expenditures	\$141.90		\$296.92	\$30.16								
Real estate expenditures	\$113.21		\$102.50	\$120.30								

*Expenditures are not reported due to small sample size.

Appendix L3.—Average spending by sportfishing anglers in Southcentral Alaska, 2007.

	Guided & Unguided Fresh & Salt		Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		NonResident Unguided		NonResident Guided											
	Resident & Nonresident		RESIDENT		FRESH		FRESH		FRESH		FRESH											
\$ per angler-day																						
licenses	\$	38.75	\$	50.00	\$	21.56	\$	37.64	\$	73.81	\$	58.78	\$	43.13	\$	16.74	\$	17.41	\$	25.91	\$	31.69
fuel	\$	46.15	\$	26.79	\$	75.72	\$	2.28	\$	2.11	\$	258.03	\$	262.11	\$	8.61	\$	2.89	\$	157.25	\$	202.38
guide	\$	19.39	\$	2.21	\$	45.65	\$	1.07	\$	-	\$	26.00	\$	8.71	\$	38.42	\$	17.61	\$	61.61	\$	65.49
air	\$	3.98	\$	0.69	\$	9.01	\$	0.30	\$	0.62	\$	6.96	\$	0.38	\$	5.45	\$	1.02	\$	15.03	\$	16.71
travel	\$	16.33	\$	6.54	\$	31.29	\$	3.93	\$	7.75	\$	6.04	\$	28.94	\$	14.96	\$	16.18	\$	33.70	\$	81.79
process	\$	13.37	\$	1.98	\$	30.79	\$	2.00	\$	2.25	\$	-	\$	1.68	\$	23.55	\$	7.50	\$	40.95	\$	54.31
rentals	\$	1.06	\$	1.40	\$	0.53	\$	0.46	\$	3.00	\$	0.60	\$	3.28	\$	0.12	\$	0.25	\$	0.38	\$	2.01
derby	\$	5.77	\$	8.05	\$	2.29	\$	5.31	\$	15.65	\$	0.31	\$	0.84	\$	2.36	\$	7.74	\$	0.27	\$	0.51
deck	\$	2.22	\$	2.84	\$	1.27	\$	2.45	\$	3.63	\$	1.82	\$	3.41	\$	1.25	\$	0.93	\$	1.21	\$	1.62
ice	\$	3.45	\$	4.38	\$	2.02	\$	2.39	\$	9.32	\$	0.35	\$	1.31	\$	1.41	\$	6.57	\$	1.00	\$	1.43
bait	\$	26.70	\$	26.73	\$	26.66	\$	24.18	\$	27.85	\$	41.90	\$	36.67	\$	25.11	\$	16.35	\$	30.01	\$	34.21
groceries	\$	18.21	\$	12.95	\$	26.25	\$	8.68	\$	11.79	\$	47.36	\$	40.27	\$	15.40	\$	8.63	\$	36.34	\$	54.90
meals	\$	25.16	\$	16.53	\$	38.34	\$	8.97	\$	11.54	\$	115.24	\$	51.15	\$	14.05	\$	11.95	\$	61.96	\$	91.50
lodging	\$	7.36	\$	2.37	\$	15.00	\$	1.22	\$	2.19	\$	7.90	\$	11.94	\$	10.22	\$	5.23	\$	20.30	\$	28.09
gifts	\$	4.42	\$	3.97	\$	5.12	\$	1.55	\$	7.08	\$	12.00	\$	6.60	\$	3.03	\$	2.72	\$	9.32	\$	7.09
amusement	\$	0.27	\$	0.08	\$	0.55	\$	0.07	\$	0.10	\$	-	\$	0.12	\$	0.02	\$	-	\$	1.34	\$	1.36
other	\$	11.87	\$	-	\$	30.00	\$	-	\$	-	\$	-	\$	-	\$	12.50	\$	34.10	\$	54.45	\$	41.82
pkg. air	\$	2.05	\$	-	\$	5.17	\$	-	\$	-	\$	-	\$	-	\$	0.90	\$	0.27	\$	14.64	\$	8.11
pkg. trans	\$	17.12	\$	-	\$	43.27	\$	-	\$	-	\$	-	\$	-	\$	2.91	\$	0.82	\$	115.94	\$	89.07
pkg. guide	\$	12.43	\$	-	\$	31.43	\$	-	\$	-	\$	-	\$	-	\$	7.19	\$	2.60	\$	82.79	\$	61.86
pkg. lodge	\$	6.70	\$	-	\$	16.92	\$	-	\$	-	\$	-	\$	-	\$	4.74	\$	12.98	\$	43.23	\$	18.71
pkg. meals	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Annual \$ per licensed angler																						
Eq. RodReel	\$	41.04	\$	60.09	\$	14.90																
Eq. Tackle	\$	29.90	\$	49.20	\$	16.98																
Eq. Tacklebox	\$	3.36	\$	6.05	\$	1.02																
Eq. Electronics	\$	14.02	\$	34.74	\$	0.16																
Eq. Hats	\$	6.39	\$	14.59	\$	0.90																
Eq. Misc	\$	9.44	\$	17.23	\$	4.23																
Eq. Shirts	\$	3.45	\$	7.88	\$	0.48																
Eq. T-shirt	\$	3.88	\$	7.63	\$	1.37																
Eq. Boots	\$	2.88	\$	4.93	\$	1.51																
Eq. Preserve	\$	16.04	\$	29.60	\$	6.97																
Eq. Coolers	\$	7.59	\$	12.05	\$	4.61																
Eq. Clothing	\$	14.68	\$	26.52	\$	6.58																
Eq. Boots	\$	11.70	\$	22.33	\$	4.59																
Eq. Jackets	\$	5.91	\$	14.33	\$	0.28																
Eq. Boots	\$	181.97	\$	442.59	\$	7.66																
Eq. Motors	\$	56.84	\$	138.07	\$	2.48																
Eq. Trailers	\$	9.88	\$	23.60	\$	0.70																
Eq. Other Parts	\$	23.11	\$	54.92	\$	1.82																
Eq. Bear Spray	\$	2.66	\$	4.69	\$	1.30																
Eq. Firearms	\$	9.11	\$	22.29	\$	0.29																
Eq. Cameras	\$	9.89	\$	21.39	\$	2.19																
Eq. Tents	\$	6.30	\$	14.56	\$	0.78																
Eq. Campers	\$	57.55	\$	143.72	\$	0.06																
Eq. Other Camp	\$	4.45	\$	10.13	\$	0.65																
Eq. Vehicles	\$	131.31	\$	307.01	\$	13.74																
Eq. Planes	\$	7.51	\$	14.15	\$	3.07																
Eq. ATV	\$	39.22	\$	97.82	\$	-																
Eq. Registration	\$	8.32	\$	19.89	\$	0.57																
Eq. Repair	\$	33.91	\$	81.97	\$	1.74																
Eq. Other	\$	0.46	\$	1.09	\$	0.03																
RE. repair	\$	47.02	\$	68.69	\$	32.62																
RE. construction	\$	212.33	\$	198.27	\$	221.73																
Trip expenditures (non-package)	\$232.59	\$167.49	\$332.03	\$102.49	\$178.70	\$584.09	\$500.53	\$180.70	\$122.97	\$496.56	\$675.08											
Package expenditures	\$50.16	\$0.00	\$126.79	\$0.00	\$0.00	\$0.00	\$0.00	\$28.25	\$60.76	\$311.05	\$209.57											
Equipment expenditures	\$752.74	\$1,725.07	\$101.55																			
Real estate expenditures	\$259.35	\$266.96	\$254.25																			

Appendix L4.- Average spending by sportfishing anglers in Interior Region of Alaska, 2007.

Expenditure Category	Guided & Unguided Fresh & Salt		Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		NonResident Unguided		NonResident Guided	
	Resident & Nonresident		Resident & Nonresident		Fresh & Salt		Fresh & Salt		Fresh & Salt		Fresh & Salt	
	Resident	Nonresident	Resident	Nonresident	Fresh	Salt	Fresh	Salt	Fresh	Salt	Fresh	Salt
\$ per angler-day												
licenses	\$ 47.24	\$ 49.88	\$ 35.85	\$ 32.22	^	^	^	^	\$ 20.69	^	\$ 45.63	^
fuel	\$ 29.61	\$ 6.94	\$ 101.82	\$ 0.54	^	^	^	^	\$ 22.75	^	\$ 182.62	^
guide	\$ 13.10	\$ 5.71	\$ 36.64	\$ -	^	^	^	^	\$ 9.15	^	\$ 66.70	^
air	\$ 23.36	\$ 0.03	\$ 97.68	\$ 0.03	^	^	^	^	\$ 130.75	^	\$ 10.21	^
travel	\$ 1.32	\$ 1.27	\$ 1.50	\$ 1.19	^	^	^	^	\$ 0.08	^	\$ 1.91	^
provisions	\$ 2.68	\$ 0.22	\$ 10.50	\$ 0.23	^	^	^	^	\$ 2.56	^	\$ 24.95	^
rentals	\$ 0.21	\$ 0.01	\$ 0.82	\$ 0.01	^	^	^	^	\$ 0.87	^	\$ -	^
gear	\$ 0.69	\$ 0.83	\$ 0.26	\$ 0.81	^	^	^	^	\$ 0.26	^	\$ 0.03	^
boat	\$ 2.28	\$ 1.46	\$ 4.89	\$ 1.12	^	^	^	^	\$ 5.83	^	\$ 0.87	^
ice	\$ 1.17	\$ 1.17	\$ 1.16	\$ 1.03	^	^	^	^	\$ 1.27	^	\$ 0.46	^
bait	\$ 20.44	\$ 20.23	\$ 21.11	\$ 15.22	^	^	^	^	\$ 4.51	^	\$ 27.65	^
groceries	\$ 15.64	\$ 7.21	\$ 42.51	\$ 4.96	^	^	^	^	\$ 30.67	^	\$ 41.89	^
meals	\$ 10.76	\$ 3.19	\$ 34.86	\$ 2.32	^	^	^	^	\$ 9.18	^	\$ 42.38	^
lodging	\$ 9.98	\$ 0.43	\$ 40.41	\$ 0.35	^	^	^	^	\$ 16.04	^	\$ 43.88	^
gifts	\$ 3.43	\$ 1.42	\$ 9.82	\$ 0.57	^	^	^	^	\$ 6.83	^	\$ 12.79	^
amusement	\$ 0.32	\$ 0.27	\$ 0.49	\$ -	^	^	^	^	\$ 0.11	^	\$ 0.75	^
other	\$ 10.39	\$ -	\$ 43.48	\$ -	^	^	^	^	\$ 3.40	^	\$ 107.20	^
pkg. air	\$ 1.78	\$ -	\$ 7.46	\$ -	^	^	^	^	\$ 0.33	^	\$ 19.74	^
pkg. trans.	\$ 13.37	\$ -	\$ 55.93	\$ -	^	^	^	^	\$ 2.13	^	\$ 151.21	^
pkg. guide	\$ 0.92	\$ -	\$ 37.31	\$ -	^	^	^	^	\$ 1.64	^	\$ 99.06	^
pkg. lodge	\$ 2.65	\$ -	\$ 11.09	\$ -	^	^	^	^	\$ 1.04	^	\$ 33.82	^
pkg. meals	\$ -	\$ -	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Annual \$ per licensed angler												
Eq. Rod/Reel	\$ 4.33	\$ 9.76	\$ 0.70	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Tackle	\$ 3.85	\$ 7.89	\$ 1.15	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Tacklebox	\$ 0.56	\$ 1.30	\$ 0.06	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Electronics	\$ 1.07	\$ 2.68	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Helm	\$ 0.52	\$ 1.29	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Mtn	\$ 1.17	\$ 2.49	\$ 0.30	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Shellfish	\$ 0.30	\$ 0.74	\$ 0.01	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Tacklebox	\$ -	\$ -	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Books	\$ 0.40	\$ 0.89	\$ 0.07	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Preserve	\$ 1.10	\$ 2.61	\$ 0.09	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Coolers	\$ 0.82	\$ 1.65	\$ 0.26	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Clothing	\$ 1.37	\$ 2.70	\$ 0.47	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Boots	\$ 1.07	\$ 2.23	\$ 0.30	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Luggage	\$ 0.57	\$ 1.33	\$ 0.06	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Gears	\$ 9.13	\$ 22.77	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Motors	\$ 3.09	\$ 7.71	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Trailers	\$ 1.01	\$ 2.52	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Other Parts	\$ 2.85	\$ 7.08	\$ 0.03	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Boat Spray	\$ 0.50	\$ 1.02	\$ 0.15	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Firearms	\$ 0.96	\$ 2.40	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Cameras	\$ 1.40	\$ 3.09	\$ 0.26	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Tents	\$ 0.91	\$ 2.18	\$ 0.05	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Campers	\$ 8.66	\$ 21.60	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Other Camp	\$ 0.78	\$ 1.67	\$ 0.18	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Vehicles	\$ 39.46	\$ 98.26	\$ 0.11	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Planes	\$ 1.49	\$ 2.49	\$ 0.83	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. ATV	\$ 13.54	\$ 33.78	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Registration	\$ 1.26	\$ 3.12	\$ 0.01	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Repair	\$ 3.83	\$ 9.30	\$ 0.17	\$ -	^	^	^	^	\$ -	^	\$ -	^
Eq. Other	\$ 0.01	\$ 0.02	\$ -	\$ -	^	^	^	^	\$ -	^	\$ -	^
RE. repair	\$ 2.43	\$ 4.00	\$ 1.38	\$ -	^	^	^	^	\$ -	^	\$ -	^
RE. construction	\$ 9.49	\$ 10.18	\$ 9.03	\$ -	^	^	^	^	\$ -	^	\$ -	^
Total												
Trip expenditures (non-package)	\$182.25	\$100.27	\$443.33	\$60.61	\$0.00	\$0.00	\$0.00	\$0.00	\$261.55	\$0.00	\$502.51	\$0.00
Package expenditures	\$37.10	\$0.00	\$155.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.55	\$0.00	\$411.04	\$0.00
Equipment expenditures	\$106.02	\$266.68	\$6.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Real estate expenditures	\$11.93	\$14.19	\$10.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

^Expenditures are not reported due to small sample size.

Appendix L5. Average spending by sportfishing anglers in Cook Inlet Region of Alaska, 2007.

	Guided & Unguided Fresh & Salt		Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		NonResident Unguided		NonResident Guided	
	Resident & Nonresident		Resident & Nonresident		Resident & Nonresident		Resident & Nonresident		Resident & Nonresident		Resident & Nonresident	
	RESIDENT	NONRESIDENT	RESIDENT	NONRESIDENT	FRESH	SALT	FRESH	SALT	FRESH	SALT	FRESH	SALT
\$ per angler-day												
license	\$ 37.85	\$ 48.62	\$ 20.84	\$ 37.72	\$ 97.68	\$ 53.40	\$ 66.35	\$ 11.87	\$ 21.74	\$ 32.23	\$ 39.57	
fuel	\$ 39.72	\$ 23.79	\$ 64.88	\$ 0.85	\$ 1.13	\$ 240.19	\$ 328.90	\$ 5.45	\$ 5.34	\$ 152.92	\$ 207.26	
guide	\$ 18.59	\$ 2.38	\$ 44.21	\$ 1.10	\$ -	\$ 16.62	\$ 21.08	\$ 33.35	\$ 22.84	\$ 68.29	\$ 64.66	
air	\$ 2.91	\$ 0.77	\$ 6.29	\$ 0.34	\$ 0.40	\$ 7.97	\$ 0.91	\$ 4.46	\$ 1.56	\$ 13.75	\$ 5.55	
travel	\$ 16.51	\$ 6.59	\$ 32.19	\$ 4.16	\$ 11.70	\$ 5.19	\$ 43.55	\$ 15.97	\$ 17.74	\$ 42.34	\$ 89.69	
process	\$ 15.78	\$ 1.94	\$ 37.64	\$ 1.70	\$ 3.42	\$ -	\$ 4.06	\$ 24.85	\$ 7.54	\$ 56.66	\$ 77.72	
rentals	\$ 0.72	\$ 0.85	\$ 0.51	\$ 0.46	\$ 2.68	\$ 0.47	\$ 2.17	\$ 0.16	\$ 0.42	\$ 0.45	\$ 2.05	
derby	\$ 4.80	\$ 6.44	\$ 2.20	\$ 5.17	\$ 16.09	\$ 0.35	\$ 0.56	\$ 1.77	\$ 12.46	\$ 0.40	\$ 0.80	
deck	\$ 2.25	\$ 2.76	\$ 1.45	\$ 2.49	\$ 4.39	\$ 1.66	\$ 3.31	\$ 1.42	\$ 0.81	\$ 1.44	\$ 1.90	
ice	\$ 3.20	\$ 3.77	\$ 2.29	\$ 2.44	\$ 12.29	\$ 0.35	\$ 0.38	\$ 1.46	\$ 11.05	\$ 1.43	\$ 1.98	
bait	\$ 29.18	\$ 29.70	\$ 28.35	\$ 24.75	\$ 41.42	\$ 45.35	\$ 66.76	\$ 24.64	\$ 20.31	\$ 33.45	\$ 40.59	
groceries	\$ 18.67	\$ 13.19	\$ 27.31	\$ 8.62	\$ 12.24	\$ 46.16	\$ 73.91	\$ 16.14	\$ 10.27	\$ 44.04	\$ 57.05	
meals	\$ 24.13	\$ 16.05	\$ 38.89	\$ 8.48	\$ 9.87	\$ 95.41	\$ 96.46	\$ 12.38	\$ 8.97	\$ 72.70	\$ 98.14	
lodging	\$ 7.80	\$ 2.48	\$ 16.20	\$ 1.20	\$ 2.13	\$ 7.89	\$ 26.62	\$ 10.02	\$ 6.22	\$ 26.25	\$ 31.86	
gifts	\$ 3.58	\$ 2.56	\$ 5.18	\$ 1.52	\$ 2.43	\$ 13.62	\$ 9.55	\$ 2.44	\$ 3.15	\$ 11.97	\$ 7.49	
entertainment	\$ 0.18	\$ 0.00	\$ 0.34	\$ 0.00	\$ 0.12	\$ -	\$ -	\$ 0.03	\$ -	\$ 0.60	\$ 1.40	
other	\$ 4.48	\$ -	\$ 11.55	\$ -	\$ -	\$ -	\$ -	\$ 7.81	\$ 7.25	\$ 13.69	\$ 25.63	
pkg. air	\$ 0.69	\$ -	\$ 1.77	\$ -	\$ -	\$ -	\$ -	\$ 0.87	\$ 0.59	\$ 3.18	\$ 4.02	
pkg. train	\$ 7.26	\$ -	\$ 18.72	\$ -	\$ -	\$ -	\$ -	\$ 2.66	\$ 1.53	\$ 37.36	\$ 65.13	
pkg. guide	\$ 4.84	\$ -	\$ 12.49	\$ -	\$ -	\$ -	\$ -	\$ 4.71	\$ 4.28	\$ 23.38	\$ 32.29	
pkg. lodge	\$ 1.86	\$ -	\$ 4.80	\$ -	\$ -	\$ -	\$ -	\$ 2.25	\$ 2.32	\$ 10.19	\$ 8.56	
pkg. meals												
Annual \$ per licensed angler												
Eq. RodReel	\$ 34.72	\$ 69.55	\$ 11.41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Tackle	\$ 23.22	\$ 39.25	\$ 12.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Tacklebox	\$ 2.79	\$ 5.74	\$ 0.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Electronics	\$ 11.70	\$ 29.12	\$ 0.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Hats	\$ 5.63	\$ 13.02	\$ 0.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Misc	\$ 7.26	\$ 13.55	\$ 3.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Shirts	\$ 1.70	\$ 3.62	\$ 0.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Tacklebox	\$ 3.80	\$ 7.63	\$ 1.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Books	\$ 2.38	\$ 4.34	\$ 1.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Pressure	\$ 12.30	\$ 24.71	\$ 4.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Coolers	\$ 5.99	\$ 9.78	\$ 3.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Clothing	\$ 11.08	\$ 20.56	\$ 4.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Boots	\$ 9.97	\$ 18.84	\$ 4.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Jackets	\$ 4.59	\$ 11.20	\$ 0.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Boots	\$ 173.27	\$ 421.61	\$ 7.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Motors	\$ 48.12	\$ 119.87	\$ 0.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Trailers	\$ 9.13	\$ 22.12	\$ 0.43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. OtherParts	\$ 16.45	\$ 40.19	\$ 0.56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. BearSpray	\$ 2.09	\$ 3.69	\$ 1.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Firearms	\$ 7.31	\$ 17.92	\$ 0.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Cameras	\$ 8.44	\$ 18.30	\$ 1.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Tents	\$ 5.64	\$ 12.97	\$ 0.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Campers	\$ 49.88	\$ 124.36	\$ 0.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Other. Camp	\$ 3.64	\$ 8.15	\$ 0.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Vehicles	\$ 119.16	\$ 278.61	\$ 12.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Planes	\$ 7.28	\$ 14.15	\$ 2.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. ATV	\$ 35.98	\$ 89.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Registration	\$ 0.98	\$ 2.38	\$ 0.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Repair	\$ 30.32	\$ 73.88	\$ 1.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Eq. Other	\$ 0.45	\$ 1.09	\$ 0.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RE. repair	\$ 32.09	\$ 32.63	\$ 31.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RE. construction	\$ 209.26	\$ 192.56	\$ 220.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Trip expenditures (non-package)	\$225.86	\$161.97	\$326.78	\$101.07	\$217.98	\$534.64	\$744.57	\$166.30	\$150.42	\$558.92	\$727.72	
Package expenditures	\$19.13	\$0.00	\$49.34	\$0.00	\$0.00	\$0.00	\$0.00	\$18.29	\$15.98	\$87.80	\$135.62	
Equipment expenditures	\$655.27	\$1,519.98	\$76.62									
Real estate expenditures	\$241.35	\$225.20	\$252.16									

Appendix L6.— Average spending by saltwater sportfishing anglers in Southeast Alaska, 2007.

	SALT Guided & Unguided Resident & Nonresident		SALT Guided & Unguided Resident Nonresident		Resident Unguided SALT	Resident Guided SALT	NonResident Unguided SALT	NonResident Guided SALT				
	\$ per angler-day											
licenses												
fuel	\$ 30.32	\$ 41.92	\$ 22.15	\$ 43.83	\$ 20.67	\$ 38.15	\$ 10.40					
guide	\$ 54.58	\$ 10.84	\$ 85.38	\$ 0.51	\$ 125.60	\$ 2.82	\$ 145.97					
air	\$ 32.90	\$ -	\$ 56.06	\$ -	\$ -	\$ 44.88	\$ 64.27					
travel	\$ 5.91	\$ 0.23	\$ 9.91	\$ 0.26	\$ -	\$ 6.94	\$ 12.09					
process	\$ 17.61	\$ 9.86	\$ 23.07	\$ 7.67	\$ 34.24	\$ 6.49	\$ 35.24					
rentals	\$ 4.30	\$ 0.70	\$ 6.83	\$ 0.35	\$ 4.56	\$ 9.30	\$ 5.02					
darry	\$ 1.91	\$ 4.15	\$ 0.33	\$ 4.52	\$ -	\$ 0.35	\$ 0.32					
deck	\$ 10.68	\$ 23.08	\$ 1.94	\$ 25.01	\$ 1.71	\$ 4.56	\$ 0.02					
ice	\$ 0.72	\$ 1.24	\$ 0.35	\$ 1.36	\$ -	\$ 0.62	\$ 0.15					
bait	\$ 4.61	\$ 8.30	\$ 2.01	\$ 8.98	\$ 0.75	\$ 4.31	\$ 0.33					
groceries	\$ 16.72	\$ 15.49	\$ 17.59	\$ 16.22	\$ 7.43	\$ 24.09	\$ 12.82					
meals	\$ 10.91	\$ 1.46	\$ 17.57	\$ 1.43	\$ 1.77	\$ 19.93	\$ 15.84					
lodging	\$ 15.18	\$ 0.58	\$ 25.46	\$ 0.64	\$ -	\$ 22.14	\$ 27.89					
gifts	\$ 9.44	\$ 0.13	\$ 15.99	\$ 0.14	\$ -	\$ 10.01	\$ 20.38					
amusement	\$ 1.92	\$ 0.25	\$ 3.10	\$ 0.27	\$ -	\$ 2.35	\$ 3.65					
other	\$ 0.48	\$ -	\$ 0.81	\$ -	\$ -	\$ 0.08	\$ 1.35					
pkg. air	\$ 13.20	\$ -	\$ 22.50	\$ -	\$ -	\$ 9.05	\$ 32.37					
pkg. trans	\$ 5.76	\$ -	\$ 9.81	\$ -	\$ -	\$ 1.86	\$ 15.65					
pkg. guide	\$ 30.29	\$ -	\$ 51.61	\$ -	\$ -	\$ 7.80	\$ 83.77					
pkg. lodge	\$ 21.53	\$ -	\$ 36.70	\$ -	\$ -	\$ 11.48	\$ 55.20					
pkg. meals	\$ 13.36	\$ -	\$ 22.77	\$ -	\$ -	\$ 6.60	\$ 34.63					
Annual \$ per licensed angler												
Eq. Rod/Reel	AA	AA	AA									
Eq. Tackle	AA	AA	AA									
Eq. Tacklebox	AA	AA	AA									
Eq. Electronics	AA	AA	AA									
Eq. Hats	AA	AA	AA									
Eq. Misc	AA	AA	AA									
Eq. Shirts	AA	AA	AA									
Eq. T-shirts	AA	AA	AA									
Eq. Boots	AA	AA	AA									
Eq. Preserve	AA	AA	AA									
Eq. Coolers	AA	AA	AA									
Eq. Clothing	AA	AA	AA									
Eq. Boots	AA	AA	AA									
Eq. Lifejackets	AA	AA	AA									
Eq. Boats	AA	AA	AA									
Eq. Motors	AA	AA	AA									
Eq. Trailers	AA	AA	AA									
Eq. Other Parts	AA	AA	AA									
Eq. Boat Spray	AA	AA	AA									
Eq. Firearms	AA	AA	AA									
Eq. Cameras	AA	AA	AA									
Eq. Tents	AA	AA	AA									
Eq. Campers	AA	AA	AA									
Eq. Other Camp	AA	AA	AA									
Eq. Vehicles	AA	AA	AA									
Eq. Planes	AA	AA	AA									
Eq. ATV	AA	AA	AA									
Eq. Registration	AA	AA	AA									
Eq. Repair	AA	AA	AA									
Eq. Other	AA	AA	AA									
RE. repair	AA	AA	AA									
RE. construction	AA	AA	AA									
Trip expenditures (non-package)	\$218.18	\$118.24	\$288.55	\$111.18	\$196.74	\$197.01	\$355.73					
Package expenditures	\$84.14	\$0.00	\$143.39	\$0.00	\$0.00	\$36.79	\$221.62					
Equipment expenditures												
Real estate expenditures												

AA Equipment and real estate expenditures are not reported because they represent multiple use equipment that cannot be assigned specifically to salt water fishing.

The following tables present detailed total annual spending for each expenditure category, by region, for each analysis state. The trip expenditures are the total annual expenditures in each region by residents and nonresidents, by type of water fished, and by use of guides. Total expenditures for equipment are the annual expenditure in each region for resident and nonresident anglers. All figures represent the total spending for all Alaska resident anglers, regardless of where they fished or the region where they live, and by all nonresident anglers who live outside of Alaska regardless of where they fished.

- Statewide Spending
- Southeast Region Spending
- Southcentral Region Spending
- Interior Region Spending
- Cook Inlet Subregion Spending

APPENDIX M: DETAILED ESTIMATES OF TOTAL SPENDING

The following tables present detailed total annual spending for each expenditure category, by region, for each analysis strata. The trip expenditures are the total annual expenditures in each region by residents and nonresidents, by type of water fished, and by use of guides. Total expenditures for equipment are the annual expenditure in each region for resident and nonresident anglers. All figures represent the total spending for all Alaska resident anglers, regardless of where they fished or the region where they live, and by all nonresident anglers who live outside of Alaska regardless of where they fished.

- Statewide Spending
- Southeast Region Spending
- Southcentral Region Spending
- Interior Region Spending
- Cook Inlet Subregion Spending
- Southeast Marine Subregion Spending

Appendix M1.—Statewide spending by sportfishing anglers in Alaska, 2007.

	Guided & Unguided Fresh & Salt Resident & Nonresident		Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		Nonresident Unguided		Nonresident Guided	
			RESIDENT	NONRESIDENT	FRESH	SALT	FRESH	SALT	FRESH	SALT	FRESH	SALT
licenses	\$23,164,513	\$6,627,558	\$16,536,955	\$3,773,622	\$2,272,458	\$256,378	\$325,099	\$6,314,009	\$3,115,281	\$2,897,953	\$4,209,712	
fuel	\$93,534,839	\$69,938,850	\$23,595,989	\$29,480,098	\$34,090,231	\$3,129,212	\$3,239,308	\$6,757,367	\$5,941,422	\$4,922,338	\$5,974,861	
guide	\$115,851,616	\$32,276,187	\$83,575,429	\$1,557,368	\$792,536	\$12,698,961	\$17,227,322	\$4,226,079	\$581,100	\$29,714,463	\$49,053,787	
air	\$54,663,094	\$3,279,065	\$51,384,030	\$690,530	\$29,930	\$1,212,832	\$1,345,773	\$14,739,967	\$6,532,503	\$11,711,734	\$18,399,826	
travel	\$15,858,865	\$814,830	\$15,044,035	\$217,378	\$251,305	\$324,786	\$21,360	\$7,231,895	\$849,020	\$3,049,525	\$3,913,595	
process	\$38,317,367	\$9,160,869	\$29,156,498	\$2,809,876	\$3,882,439	\$319,038	\$2,149,516	\$5,389,684	\$2,245,924	\$5,848,647	\$15,672,242	
rentals	\$26,969,851	\$2,304,852	\$24,664,999	\$1,328,506	\$813,456	\$0	\$162,890	\$8,203,300	\$1,721,038	\$6,981,005	\$7,759,656	
derby	\$2,844,733	\$2,335,998	\$508,735	\$370,618	\$1,751,410	\$27,953	\$186,016	\$74,948	\$70,356	\$59,905	\$303,526	
dock	\$15,433,567	\$13,037,221	\$2,396,347	\$3,563,964	\$9,376,634	\$23,853	\$72,770	\$1,051,369	\$1,234,650	\$42,877	\$67,450	
ice	\$4,802,885	\$3,541,733	\$1,261,152	\$1,763,285	\$1,463,590	\$104,523	\$210,336	\$644,359	\$167,412	\$211,662	\$237,719	
bait	\$8,771,786	\$6,543,527	\$2,228,259	\$1,806,026	\$4,624,475	\$23,241	\$89,786	\$687,435	\$1,092,192	\$212,766	\$235,867	
groceries	\$60,845,127	\$35,178,270	\$25,666,857	\$18,117,450	\$12,545,206	\$2,182,531	\$2,333,083	\$9,249,282	\$4,463,785	\$5,500,681	\$6,453,108	
meals	\$41,798,767	\$15,435,598	\$26,363,169	\$6,345,116	\$4,444,358	\$2,290,294	\$2,355,830	\$6,846,164	\$3,033,138	\$6,770,816	\$9,713,051	
lodging	\$56,944,458	\$18,549,878	\$38,394,579	\$6,146,449	\$4,059,116	\$5,409,901	\$2,934,412	\$6,337,160	\$3,648,713	\$11,932,076	\$16,476,630	
gifts	\$20,003,541	\$2,679,940	\$17,323,601	\$861,281	\$773,048	\$368,755	\$676,856	\$4,362,994	\$1,679,530	\$3,975,140	\$7,305,937	
amusement	\$9,792,988	\$4,622,500	\$5,170,488	\$1,134,581	\$2,465,355	\$648,031	\$374,483	\$1,378,450	\$531,569	\$1,769,103	\$1,491,317	
other	\$754,665	\$129,832	\$624,833	\$46,262	\$76,723	\$0	\$6,847	\$10,913	\$8,184	\$222,219	\$383,567	
pkg. air	\$30,277,273	\$0	\$30,277,273	\$0	\$0	\$0	\$0	\$4,818,326	\$4,232,778	\$10,547,026	\$10,678,543	
pkg. trans.	\$6,714,663	\$0	\$6,714,663	\$0	\$0	\$0	\$0	\$325,816	\$226,620	\$2,732,489	\$3,429,839	
pkg. guide	\$47,300,090	\$0	\$47,300,090	\$0	\$0	\$0	\$0	\$1,035,487	\$921,833	\$20,994,972	\$24,347,788	
pkg. lodge	\$34,404,742	\$0	\$34,404,742	\$0	\$0	\$0	\$0	\$2,806,844	\$1,489,159	\$14,914,880	\$15,193,860	
pkg. meals	\$18,822,932	\$0	\$18,822,932	\$0	\$0	\$0	\$0	\$1,786,795	\$1,951,166	\$7,540,115	\$7,544,855	
Eq. RodReel	\$25,143,481	\$19,604,973	\$5,538,508	\$12,989,758	\$6,757,985							
Eq. Tackle	\$19,747,744	\$2,085,070	\$17,662,674	\$1,718,940	\$366,129							
Eq. Tacklebox	\$8,929,572	\$8,845,224	\$84,348	\$3,460,528	\$399,823							
Eq. Electronics	\$3,860,351	\$4,682,403	\$1,968,201	\$2,429,641	\$241,400							
Eq. Misc	\$2,671,041	\$2,429,641	\$241,400	\$1,454,072	\$816,222							
Eq. Shellfish	\$2,271,094	\$1,233,909	\$613,573	\$1,847,481	\$7,084,928							
Eq. Tacklebox	\$9,329,159	\$3,054,823	\$1,642,002	\$4,696,825	\$3,457,840							
Eq. Cooler	\$9,841,502	\$5,434,312	\$1,658,504	\$3,772,215	\$3,620,424							
Eq. Clothing	\$7,092,816	\$3,772,215	\$151,791	\$105,171,133	\$101,074,361							
Eq. Boots	\$37,883,516	\$37,160,536	\$722,980	\$7,993,687	\$7,759,679							
Eq. Jackets	\$15,542,338	\$14,488,956	\$1,053,382	\$1,770,546	\$1,204,605							
Eq. Boat	\$1,770,546	\$1,204,605	\$485,061	\$5,224,991	\$5,143,008							
Eq. Motors	\$6,181,291	\$5,286,567	\$894,724	\$3,671,254	\$3,423,576							
Eq. Tents	\$3,671,254	\$3,423,576	\$247,678	\$31,534,144	\$31,518,386							
Eq. Campers	\$2,903,071	\$2,616,313	\$286,758	\$2,903,071	\$2,616,313							
Eq. Other Camp	\$88,317,188	\$84,317,439	\$3,999,749	\$5,587,334	\$4,118,284							
Eq. Vehicles	\$26,397,301	\$26,397,301	\$0	\$4,740,207	\$4,480,408							
Eq. ATVs	\$23,980,232	\$22,400,506	\$1,587,726	\$233,366	\$224,639							
Eq. Repair	\$50,378,496	\$19,896,212	\$30,482,285	\$132,458,660	\$53,243,325							
RE. repair												
RE. construction												
License expenditures	\$23,164,513	\$6,627,558	\$16,536,955	\$3,773,622	\$2,272,458	\$256,378	\$325,099	\$6,314,009	\$3,115,281	\$2,897,953	\$4,209,712	
Trip expenditures (non-package)	\$567,188,150	\$219,829,151	\$347,358,999	\$76,238,790	\$81,439,812	\$28,763,962	\$33,386,587	\$77,191,364	\$33,800,535	\$92,924,958	\$143,442,141	
Package expenditures	\$137,519,700	\$0	\$137,519,700	\$0	\$0	\$0	\$0	\$10,773,868	\$8,821,455	\$56,729,482	\$61,194,895	
Equipment expenditures	\$475,078,554	\$433,693,104	\$41,385,450	\$182,837,156	\$73,139,537							
Real estate expenditures												
Total expenditures	\$1,385,788,072	\$733,289,349	\$652,498,723	\$80,812,412	\$83,712,269	\$29,020,340	\$33,711,687	\$94,279,241	\$45,737,271	\$152,552,383	\$288,846,748	

Appendix M2.—Spending by sportfishing anglers in Southeast Alaska, 2007.

	Guided & Unguided Fresh & Salt		Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		NonResident Unguided		NonResident Guided	
	Resident & Nonresident		Resident	Nonresident	Fresh	Salt	Fresh	Salt	Fresh	Salt	Fresh	Salt
licenses												
fuel	\$14,337,262		\$7,947,106	\$6,390,155	\$383,676	\$7,232,882			\$512,747	\$4,125,662	\$219,286	\$1,532,460
guide	\$26,931,097		\$2,116,465	\$24,814,632	\$0	\$84,305			\$588,639	\$305,377	\$2,414,749	\$21,505,868
air	\$17,160,414		\$0	\$17,160,414	\$0	\$0			\$1,758,496	\$4,852,626	\$1,080,118	\$9,469,274
travel	\$3,966,276		\$68,390	\$3,907,885	\$16,226	\$42,165			\$841,813	\$750,283	\$535,243	\$1,780,545
process	\$8,703,721		\$1,065,731	\$6,837,990	\$91,673	\$1,265,507			\$455,557	\$701,045	\$488,682	\$5,191,906
rentals	\$2,395,601		\$125,956	\$2,269,645	\$0	\$58,241			\$354,121	\$1,005,864	\$169,494	\$740,166
derby	\$905,077		\$815,040	\$89,229	\$69,656	\$746,192			\$4,081	\$37,464	\$0	\$47,683
deck	\$4,925,627		\$4,166,501	\$759,127	\$8,687	\$4,126,563			\$263,239	\$493,202	\$0	\$2,686
ice	\$357,882		\$233,917	\$123,965	\$10,216	\$223,702			\$26,661	\$67,288	\$8,488	\$21,528
bait	\$2,341,333		\$1,601,827	\$739,505	\$108,566	\$1,482,050			\$177,223	\$465,636	\$48,740	\$47,906
groceries	\$8,726,800		\$3,031,000	\$5,695,799	\$226,283	\$2,676,679			\$816,755	\$2,604,512	\$386,069	\$1,888,464
meals	\$5,909,275		\$261,832	\$5,647,443	\$0	\$235,603			\$692,006	\$2,155,046	\$466,441	\$2,333,949
lodging	\$9,558,970		\$104,796	\$9,454,174	\$0	\$104,796			\$1,386,011	\$2,393,836	\$1,564,947	\$4,109,380
gifts	\$4,746,231		\$44,489	\$4,701,743	\$21,429	\$23,059			\$430,943	\$1,082,181	\$186,409	\$3,002,209
amusement	\$1,151,342		\$93,712	\$1,057,630	\$49,299	\$44,412			\$140,832	\$254,262	\$124,968	\$537,568
other	\$207,720		\$0	\$207,720	\$0	\$0			\$0	\$8,184	\$0	\$199,537
pkg. air	\$6,842,229		\$0	\$6,842,229	\$0	\$0			\$580,861	\$979,105	\$513,625	\$4,768,638
pkg. trans	\$2,677,572		\$0	\$2,677,572	\$0	\$0			\$16,232	\$200,766	\$154,826	\$2,305,747
pkg. guide	\$13,834,081		\$0	\$13,834,081	\$0	\$0			\$0	\$843,864	\$648,256	\$12,341,961
pkg. lodge	\$10,256,687		\$0	\$10,256,687	\$0	\$0			\$378,440	\$1,241,587	\$503,364	\$8,133,307
pkg. meals	\$6,255,933		\$0	\$6,255,933	\$0	\$0			\$189,364	\$713,206	\$250,665	\$5,102,699
Eq. RodReel	\$3,566,878		\$2,474,141	\$1,092,737								
Eq. Tackle	\$3,697,289		\$2,105,712	\$1,591,577								
Eq. Tacklebox	\$224,907		\$165,490	\$59,418								
Eq. Electronics	\$1,751,924		\$1,712,509	\$39,415								
Eq. Nets	\$576,705		\$432,132	\$144,573								
Eq. Misc	\$1,604,304		\$924,324	\$679,980								
Eq. Shellfish	\$887,752		\$786,118	\$101,634								
Eq. Taxidermy	\$425,444		\$0	\$425,444								
Eq. Books	\$289,802		\$124,512	\$165,290								
Eq. Preserve	\$1,177,214		\$944,379	\$232,835								
Eq. Cooler	\$696,130		\$442,770	\$253,360								
Eq. Clothing	\$2,259,971		\$812,730	\$1,447,241								
Eq. Boots	\$1,018,424		\$752,157	\$266,267								
Eq. Jackets	\$690,442		\$634,385	\$56,057								
Eq. Boats	\$14,299,765		\$12,356,617	\$1,943,148								
Eq. Motors	\$9,385,288		\$9,369,522	\$15,766								
Eq. Trailers	\$2,816,067		\$2,780,594	\$35,473								
Eq. Other Parts	\$3,197,413		\$2,669,856	\$527,557								
Eq. Bear Spray	\$266,786		\$195,089	\$71,697								
Eq. Firearms	\$436,087		\$436,087	\$0								
Eq. Cameras	\$815,101		\$618,768	\$196,333								
Eq. Tents	\$243,973		\$232,173	\$11,800								
Eq. Campers	\$0		\$0	\$0								
Eq. Other Camp	\$414,949		\$366,935	\$48,014								
Eq. Vehicles	\$7,109,202		\$7,055,405	\$53,797								
Eq. Planes	\$1,304,243		\$846,030	\$358,214								
Eq. ATV	\$1,307,325		\$1,307,325	\$0								
Eq. Registration	\$958,630		\$948,429	\$10,201								
Eq. Repair	\$6,043,640		\$4,999,739	\$1,043,900								
Eq. Other	\$12,305		\$12,305	\$0								
RE. repair	\$26,660,734		\$6,037,607	\$20,623,127								
RE. construction	\$26,974,980		\$13,502,583	\$13,472,398								
Trip expenditures (non-package)	\$112,324,626		\$22,467,571	\$89,857,056	\$985,711	\$18,346,157	\$0	\$0	\$8,449,125	\$21,303,169	\$7,893,634	\$52,411,128
Package expenditures	\$39,866,602		\$0	\$39,866,602	\$0	\$0	\$0	\$0	\$1,164,897	\$3,978,528	\$2,070,726	\$32,662,353
Equipment expenditures	\$67,477,561		\$56,606,233	\$10,871,328								
Real estate expenditures	\$53,835,714		\$19,540,190	\$34,295,525								
Total expenditures	\$273,504,804		\$98,613,993	\$174,890,811	\$985,711	\$18,346,157	\$0	\$0	\$9,614,022	\$25,281,696	\$9,964,359	\$85,063,481

Appendix M3.—Spending by sportfishing anglers in Southcentral Alaska, 2007.

	Guided & Unguided Fresh & Salt		Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		Non-Resident Unguided		Non-Resident Guided	
	Resident & Nonresident		RESIDENT	NONRESIDENT	FRESH	SALT	FRESH	SALT	FRESH	SALT	FRESH	SALT
licenses												
fuel	\$69,518,847		\$54,295,081	\$15,323,766	\$24,366,478	\$24,740,140	\$2,742,460	\$2,446,003	\$5,517,436	\$1,661,296	\$4,101,499	\$4,043,535
guide	\$82,917,307		\$29,089,167	\$53,828,140	\$1,478,417	\$708,231	\$12,038,032	\$14,864,487	\$2,837,944	\$275,723	\$24,892,052	\$25,822,420
air	\$34,846,054		\$2,397,597	\$32,448,467	\$690,530	\$0	\$1,212,832	\$494,235	\$12,659,783	\$1,679,976	\$9,752,250	\$8,356,457
travel	\$7,155,593		\$751,980	\$6,403,613	\$196,692	\$209,141	\$324,786	\$21,360	\$1,794,963	\$97,109	\$2,379,647	\$2,131,894
process	\$29,345,461		\$7,099,744	\$22,245,717	\$2,543,272	\$2,596,468	\$319,038	\$1,640,966	\$4,931,189	\$1,544,079	\$5,334,817	\$10,435,633
rentals	\$24,031,699		\$2,144,824	\$21,886,874	\$1,294,435	\$755,215	\$0	\$95,175	\$7,759,341	\$715,174	\$6,482,627	\$6,929,732
derby	\$1,897,780		\$1,518,191	\$379,589	\$299,004	\$1,005,218	\$27,953	\$186,016	\$40,267	\$23,574	\$59,905	\$255,843
dock	\$10,367,086		\$8,742,469	\$1,624,618	\$3,435,880	\$5,244,902	\$14,288	\$47,398	\$778,927	\$738,438	\$42,488	\$64,765
ice	\$3,982,644		\$3,082,403	\$900,241	\$1,588,106	\$1,216,061	\$85,119	\$193,116	\$412,875	\$89,090	\$191,731	\$206,545
bait	\$6,193,705		\$4,761,052	\$1,432,653	\$1,546,166	\$3,124,154	\$16,343	\$74,389	\$465,618	\$626,556	\$157,931	\$182,548
groceries	\$47,974,193		\$29,026,822	\$18,948,371	\$15,657,441	\$9,334,446	\$1,954,615	\$2,079,320	\$8,274,104	\$1,559,726	\$4,750,100	\$4,364,441
meals	\$32,717,487		\$14,061,048	\$18,656,438	\$6,617,101	\$3,961,099	\$2,209,260	\$2,283,689	\$5,076,313	\$823,001	\$6,752,102	\$7,005,022
lodging	\$45,204,580		\$17,953,173	\$27,251,408	\$5,805,912	\$3,869,740	\$5,376,485	\$2,901,035	\$4,628,686	\$1,140,004	\$9,808,358	\$11,674,359
gifts	\$13,233,350		\$2,669,424	\$10,663,926	\$788,293	\$735,520	\$368,755	\$676,856	\$3,368,461	\$498,519	\$3,212,655	\$3,584,090
amusement	\$7,946,070		\$4,309,182	\$3,636,888	\$1,001,071	\$2,373,944	\$559,685	\$374,483	\$997,645	\$259,021	\$1,475,496	\$904,726
other	\$481,215		\$87,862	\$393,353	\$46,262	\$34,753	\$0	\$6,847	\$6,930	\$0	\$212,375	\$174,048
pkg. air	\$21,328,586		\$0	\$21,328,586	\$0	\$0	\$0	\$0	\$4,110,669	\$3,253,673	\$8,620,046	\$5,336,198
pkg. trans	\$3,675,736		\$0	\$3,675,736	\$0	\$0	\$0	\$0	\$297,949	\$25,764	\$2,317,405	\$1,034,628
pkg. guide	\$30,756,176		\$0	\$30,756,176	\$0	\$0	\$0	\$0	\$960,614	\$77,969	\$18,353,165	\$11,364,429
pkg. lodge	\$22,340,395		\$0	\$22,340,395	\$0	\$0	\$0	\$0	\$2,370,684	\$247,572	\$13,105,460	\$6,616,679
pkg. meals	\$12,029,663		\$0	\$12,029,663	\$0	\$0	\$0	\$0	\$1,560,741	\$1,237,960	\$6,843,575	\$2,387,387
Eq. Boat	\$19,510,177		\$10,269,246	\$4,245,931								
Eq. Tackle	\$14,217,547		\$9,379,640	\$4,837,907								
Eq. Tacklebox	\$1,596,900		\$1,306,540	\$289,359								
Eq. Electronics	\$6,667,511		\$6,622,578	\$44,933								
Eq. Helm	\$3,037,363		\$2,782,113	\$255,250								
Eq. Misc	\$4,488,062		\$3,283,959	\$1,204,103								
Eq. Shellfish	\$1,639,377		\$1,602,762	\$36,616								
Eq. Taxidermy	\$1,845,650		\$1,454,872	\$390,778								
Eq. Books	\$1,368,032		\$939,037	\$428,995								
Eq. Preserve	\$7,628,401		\$5,643,839	\$1,984,562								
Eq. Coolers	\$3,610,131		\$2,296,735	\$1,313,396								
Eq. Clothing	\$6,931,992		\$5,056,318	\$1,875,674								
Eq. Boots	\$5,563,975		\$4,256,400	\$1,307,575								
Eq. Jackets	\$2,812,514		\$2,732,546	\$79,968								
Eq. Boats	\$86,530,986		\$84,377,363	\$2,153,623								
Eq. Motors	\$27,028,611		\$26,321,397	\$707,214								
Eq. Trailers	\$4,697,102		\$4,498,667	\$198,435								
Eq. Other Parts	\$10,987,563		\$10,469,616	\$517,946								
Eq. Boat Spray	\$1,265,211		\$894,892	\$370,319								
Eq. Firearms	\$4,331,218		\$4,249,236	\$81,983								
Eq. Cameras	\$4,702,636		\$4,078,028	\$624,609								
Eq. Tents	\$2,996,888		\$2,775,877	\$221,010								
Eq. Campers	\$27,416,058		\$27,400,300	\$15,757								
Eq. Other Camp	\$2,117,042		\$1,930,562	\$186,481								
Eq. Vehicles	\$62,443,391		\$68,528,989	\$3,514,402								
Eq. Planes	\$3,572,819		\$2,697,880	\$874,940								
Eq. ATV	\$18,649,536		\$18,649,536	\$0								
Eq. Registration	\$3,104,035		\$2,937,391	\$246,644								
Eq. Repair	\$16,123,734		\$15,626,970	\$496,764								
Eq. Other	\$216,528		\$207,861	\$8,666								
RE repair	\$22,360,928		\$13,095,701	\$9,265,228								
RE construction	\$100,968,565		\$37,799,302	\$63,169,263								
Trip expenditures (non-package)	\$417,913,080		\$181,889,019	\$236,024,061	\$66,355,060	\$59,899,032	\$27,249,652	\$28,385,275	\$69,550,482	\$11,731,288	\$78,606,235	\$86,136,056
Package expenditures	\$90,130,556		\$0	\$90,130,556	\$0	\$0	\$0	\$0	\$9,308,656	\$4,842,927	\$49,239,651	\$26,739,321
Equipment expenditures	\$357,184,990		\$328,171,050	\$29,013,940								
Real estate expenditures	\$123,329,493		\$50,895,003	\$72,434,491								
Total expenditures	\$988,558,119		\$560,955,071	\$427,603,048	\$66,355,060	\$59,899,032	\$27,249,652	\$28,385,275	\$68,859,138	\$16,574,215	\$127,845,886	\$112,875,377

Appendix M4.—Spending by sportfishing anglers in the Interior Region of Alaska, 2007

	Guided & Unguided Fresh & Salt Resident & Nonresident	Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		Non-Resident Unguided		Non-Resident Guided	
		RESIDENT	NONRESIDENT	FRESH	SALT	FRESH	SALT	FRESH	SALT	FRESH	SALT
licenses											
fuel	\$9,578,730	\$7,696,662	\$1,882,068	\$4,729,944				\$727,184		\$601,553	
guide	\$6,003,212	\$1,070,555	\$4,932,657	\$78,951				\$799,496		\$2,407,661	
air	\$2,656,617	\$881,467	\$1,775,149	\$0				\$321,688		\$879,366	
travel	\$4,736,998	\$4,460	\$4,732,537	\$4,460				\$4,595,118		\$134,634	
process	\$268,185	\$195,395	\$72,790	\$174,931				\$2,938		\$25,148	
rentals	\$542,552	\$34,072	\$508,480	\$34,072				\$89,838		\$328,884	
derby	\$41,876	\$1,959	\$39,917	\$1,959				\$30,600		\$0	
deck	\$140,854	\$128,252	\$12,602	\$119,396				\$9,204		\$389	
ice	\$462,359	\$225,413	\$236,946	\$164,963				\$204,823		\$11,444	
oil	\$236,749	\$180,648	\$56,101	\$151,294				\$44,594		\$6,095	
groceries	\$4,144,134	\$3,121,448	\$1,022,687	\$2,233,726				\$158,422		\$364,512	
meals	\$3,172,006	\$1,112,718	\$2,059,288	\$728,015				\$1,077,845		\$552,272	
lodging	\$2,180,908	\$491,909	\$1,688,998	\$340,537				\$322,463		\$558,771	
gifts	\$2,023,960	\$66,028	\$1,957,933	\$51,559				\$563,590		\$575,876	
amusement	\$695,576	\$219,606	\$475,970	\$84,211				\$239,973		\$168,639	
other	\$65,730	\$41,970	\$23,759	\$0				\$3,983		\$9,844	
pkg. air	\$2,106,458	\$0	\$2,106,458	\$0				\$119,396		\$1,413,356	
pkg. trans.	\$361,355	\$0	\$361,355	\$0				\$11,634		\$260,258	
pkg. guide	\$2,709,832	\$0	\$2,709,832	\$0				\$74,873		\$1,993,551	
pkg. lodge	\$1,807,660	\$0	\$1,807,660	\$0				\$57,721		\$1,306,066	
pkg. meals	\$637,336	\$0	\$637,336	\$0				\$36,691		\$445,876	
Eq. Rod/Reel	\$2,061,425	\$1,861,586	\$199,840								
Eq. Tackle	\$1,832,908	\$1,504,407	\$328,501								
Eq. Tacklebox	\$264,263	\$246,910	\$17,352								
Eq. Electronics	\$510,137	\$510,137	\$0								
Eq. Nets	\$246,283	\$246,283	\$0								
Eq. Misc	\$558,237	\$474,119	\$84,119								
Eq. Shellfish	\$143,912	\$140,760	\$3,151								
Eq. Taxidermy	\$0	\$0	\$0								
Eq. Books	\$189,647	\$170,359	\$19,288								
Eq. Preserve	\$623,644	\$496,710	\$126,934								
Eq. Coolers	\$390,564	\$315,319	\$75,245								
Eq. Clothing	\$649,539	\$514,614	\$134,926								
Eq. Boots	\$510,418	\$425,755	\$84,663								
Eq. Jackets	\$269,259	\$253,493	\$15,766								
Eq. Boats	\$4,340,381	\$4,340,381	\$0								
Eq. Motors	\$1,469,616	\$1,469,616	\$0								
Eq. Trailers	\$480,518	\$480,518	\$0								
Eq. Other Parts	\$1,357,363	\$1,349,484	\$7,879								
Eq. Bear Spray	\$238,549	\$194,704	\$43,845								
Eq. Firearms	\$457,685	\$457,685	\$0								
Eq. Cameras	\$663,553	\$589,771	\$73,782								
Eq. Tents	\$430,394	\$415,526	\$14,868								
Eq. Campers	\$4,118,085	\$4,118,085	\$0								
Eq. Other Camp	\$371,080	\$318,817	\$52,263								
Eq. Vehicles	\$18,764,595	\$18,733,046	\$31,549								
Eq. Planes	\$710,272	\$474,375	\$235,897								
Eq. ATV	\$6,440,441	\$6,440,441	\$0								
Eq. Registration	\$697,542	\$594,588	\$2,954								
Eq. Repair	\$1,820,858	\$1,773,797	\$47,061								
Eq. Other	\$4,533	\$4,533	\$0								
RE_repair	\$1,156,834	\$762,904	\$393,930								
RE_construction	\$4,515,115	\$1,941,441	\$2,573,674								
Trip expenditures (non-package)	\$36,950,444	\$15,472,561	\$21,477,883	\$8,898,018	\$0	\$0	\$0	\$0,191,758	\$0	\$6,625,089	\$0
Package expenditures	\$7,522,641	\$0	\$7,522,641	\$0	\$0	\$0	\$0	\$300,314	\$0	\$5,419,106	\$0
Equipment expenditures	\$50,415,603	\$48,915,821	\$1,499,781								
Real estate expenditures	\$5,671,949	\$2,704,345	\$2,967,604								
Total expenditures	\$100,560,637	\$67,892,727	\$32,667,910	\$8,898,018	\$0	\$0	\$0	\$4,922,072	\$0	\$12,044,195	\$0

Appendix M5.—Spending by sportfishing anglers in the Cook Inlet Region of Alaska, 2007

	Guided & Unguided Fresh & Salt	Guided & Unguided Fresh & Salt		Resident Unguided		Resident Guided		Non-Resident Unguided		Non-Resident Guided	
	Resident & Nonresident	RESIDENT	NONRESIDENT	FRESH	SALT	FRESH	SALT	FRESH	SALT	FRESH	SALT
licenses											
fuel	\$47,056,024	\$37,011,821	\$10,044,202	\$21,901,576	\$11,380,954	\$2,173,330	\$1,555,961	\$3,263,385	\$836,568	\$3,186,123	\$2,758,126
guide	\$49,375,757	\$18,110,318	\$31,265,439	\$491,026	\$131,158	\$9,775,368	\$7,712,767	\$1,497,359	\$205,546	\$15,117,765	\$14,444,769
air	\$23,114,633	\$1,812,166	\$21,302,467	\$641,443	\$0	\$676,488	\$494,235	\$9,165,356	\$879,229	\$6,751,271	\$4,506,611
travel	\$3,619,352	\$589,157	\$3,030,195	\$196,692	\$46,840	\$324,265	\$21,360	\$1,224,923	\$59,592	\$1,359,212	\$386,468
process	\$20,522,423	\$5,012,909	\$15,509,514	\$2,416,922	\$1,363,313	\$211,402	\$1,021,272	\$4,389,265	\$682,949	\$4,186,148	\$6,251,152
rentals	\$19,616,056	\$1,478,512	\$18,137,545	\$984,794	\$398,542	\$0	\$95,175	\$6,829,749	\$290,235	\$5,601,019	\$5,416,541
derby	\$891,534	\$647,639	\$243,895	\$265,911	\$311,741	\$19,034	\$50,954	\$40,009	\$16,211	\$44,050	\$143,625
deck	\$5,963,918	\$4,901,916	\$1,062,002	\$2,999,774	\$1,874,689	\$14,288	\$13,165	\$487,024	\$479,686	\$39,839	\$55,453
ice	\$2,796,385	\$2,099,702	\$696,683	\$1,443,246	\$511,160	\$67,606	\$77,690	\$391,344	\$31,224	\$141,983	\$132,132
bait	\$3,974,845	\$2,870,067	\$1,104,778	\$1,415,536	\$1,431,427	\$14,266	\$8,838	\$400,092	\$425,280	\$141,380	\$138,026
groceries	\$36,268,957	\$22,606,554	\$13,662,403	\$14,369,144	\$4,826,360	\$1,845,644	\$1,565,405	\$6,744,856	\$781,830	\$3,306,773	\$2,828,945
meals	\$23,205,088	\$10,042,829	\$13,162,259	\$5,004,739	\$1,426,230	\$1,878,700	\$1,733,160	\$4,436,963	\$395,298	\$4,354,029	\$3,975,969
lodging	\$29,991,010	\$12,216,060	\$17,774,950	\$4,921,116	\$1,149,674	\$3,883,292	\$2,261,977	\$3,402,945	\$345,236	\$7,187,303	\$6,839,466
gifts	\$9,696,196	\$1,889,133	\$7,807,062	\$695,238	\$248,621	\$321,053	\$624,221	\$2,752,956	\$239,225	\$2,594,590	\$2,220,291
amusement	\$4,444,159	\$1,946,515	\$2,497,644	\$885,321	\$282,850	\$554,469	\$223,875	\$671,368	\$121,097	\$1,182,918	\$522,260
other	\$224,544	\$60,030	\$164,514	\$46,262	\$13,767	\$0	\$0	\$6,930	\$0	\$59,683	\$97,902
pkg. air	\$5,564,403	\$0	\$5,564,403	\$0	\$0	\$0	\$0	\$2,146,527	\$278,860	\$1,352,889	\$1,786,107
pkg. trans	\$855,214	\$0	\$855,214	\$0	\$0	\$0	\$0	\$238,326	\$22,810	\$314,182	\$279,897
pkg. guide	\$9,022,768	\$0	\$9,022,768	\$0	\$0	\$0	\$0	\$731,076	\$59,021	\$3,693,690	\$4,538,980
pkg. lodge	\$6,020,461	\$0	\$6,020,461	\$0	\$0	\$0	\$0	\$1,293,293	\$164,892	\$2,311,779	\$2,250,497
pkg. meals	\$2,311,695	\$0	\$2,311,695	\$0	\$0	\$0	\$0	\$618,058	\$89,400	\$1,007,583	\$596,654
Eq. Rod/Reel	\$16,509,181	\$13,269,547	\$3,249,634								
Eq. Tackle	\$11,040,467	\$7,483,531	\$3,556,936								
Eq. Tacklebox	\$1,327,807	\$1,093,528	\$234,280								
Eq. Electronics	\$5,564,976	\$5,551,575	\$13,401								
Eq. Nods	\$2,678,138	\$2,482,010	\$196,128								
Eq. Misc	\$3,452,707	\$2,684,018	\$868,690								
Eq. Shellfish	\$809,996	\$690,714	\$119,282								
Eq. Taxidermy	\$1,806,267	\$1,464,872	\$341,395								
Eq. Books	\$1,129,920	\$927,718	\$202,202								
Eq. Preserve	\$5,850,248	\$4,710,457	\$1,139,791								
Eq. Coolers	\$2,848,078	\$1,864,918	\$983,159								
Eq. Clothing	\$5,267,860	\$3,920,066	\$1,347,794								
Eq. Boots	\$4,742,105	\$3,591,748	\$1,150,357								
Eq. LJackets	\$2,182,509	\$2,136,044	\$46,466								
Eq. Boats	\$82,395,521	\$80,377,485	\$2,018,037								
Eq. Motors	\$22,882,689	\$22,853,409	\$29,280								
Eq. Trailers	\$4,340,753	\$4,217,105	\$123,647								
Eq. Other Parts	\$7,822,435	\$7,662,191	\$160,244								
Eq. Bear Spray	\$992,134	\$704,412	\$287,722								
Eq. Firearms	\$3,475,613	\$3,417,279	\$58,334								
Eq. Cameras	\$4,013,401	\$3,480,315	\$523,085								
Eq. Tents	\$2,681,840	\$2,472,341	\$209,499								
Eq. Campers	\$23,721,889	\$23,708,102	\$13,788								
Eq. Other Camp	\$1,730,403	\$1,554,141	\$176,261								
Eq. Vehicles	\$56,666,397	\$53,115,779	\$3,550,618								
Eq. Planes	\$3,462,984	\$2,697,880	\$765,104								
Eq. ATV	\$17,109,683	\$17,109,683	\$0								
Eq. Registration	\$2,527,535	\$2,389,419	\$138,116								
Eq. Repair	\$14,417,524	\$14,084,627	\$332,897								
Eq. Other	\$211,800	\$207,861	\$3,939								
RE. repair	\$15,258,109	\$6,221,360	\$9,036,749								
RE. construction	\$99,512,596	\$36,711,001	\$62,801,595								
Trip expenditures (non-package)	\$280,760,879	\$123,295,328	\$157,465,551	\$58,678,740	\$25,397,328	\$21,759,204	\$17,460,056	\$45,704,524	\$5,789,207	\$55,254,085	\$50,717,735
Package expenditures	\$23,774,541	\$0	\$23,774,541	\$0	\$0	\$0	\$0	\$8,027,281	\$615,002	\$8,680,122	\$9,452,136
Equipment expenditures	\$313,662,850	\$291,710,774	\$21,952,076								
Real estate expenditures	\$114,770,705	\$42,932,362	\$71,838,343								
Total expenditures	\$732,988,975	\$457,938,464	\$275,050,511	\$58,678,740	\$25,397,328	\$21,759,204	\$17,460,056	\$50,731,805	\$6,404,209	\$63,934,207	\$60,169,871

Appendix M6.-Spending by saltwater sportfishing anglers in Southeast Alaska, 2007.

	SALT Guided & Unguided Resident & Nonresident	SALT Guided & Unguided Resident Nonresident	Resident Unguided SALT	Resident Guided SALT	NonResident Unguided SALT	NonResident Guided SALT
licenses						
fuel	\$14,337,262	\$7,947,108	\$8,380,155	\$383,676	\$21	\$307,034
guide	\$26,831,097	\$2,116,405	\$24,814,632	\$0	\$126	\$1,865,600
air	\$17,160,414	\$0	\$17,160,414	\$0	\$0	\$1,758,486
travel	\$3,986,275	\$58,390	\$3,907,885	\$16,226	\$0	\$841,813
process	\$8,703,721	\$1,865,731	\$6,837,990	\$91,673	\$34	\$508,550
rentals	\$2,395,601	\$125,958	\$2,269,645	\$0	\$5	\$67,715
derby	\$905,077	\$815,848	\$89,229	\$69,656	\$0	\$4,081
dock	\$4,925,627	\$4,166,501	\$759,127	\$8,687	\$2	\$25,372
ice	\$367,882	\$233,917	\$133,965	\$10,216	\$0	\$26,661
bait	\$2,341,333	\$1,601,827	\$739,506	\$108,666	\$1	\$11,212
groceries	\$8,726,800	\$3,031,000	\$5,695,799	\$226,283	\$7	\$110,402
meals	\$5,808,275	\$261,832	\$5,647,443	\$0	\$2	\$682,006
lodging	\$9,568,870	\$104,796	\$9,454,174	\$0	\$0	\$1,386,011
gifts	\$4,748,231	\$44,488	\$4,703,743	\$21,429	\$0	\$430,043
amusement	\$1,151,342	\$93,712	\$1,057,630	\$49,299	\$0	\$140,832
ether	\$207,720	\$0	\$207,720	\$0	\$0	\$0
pkg. air	\$6,842,229	\$0	\$6,842,229	\$0	\$0	\$580,861
pkg. trans	\$2,677,572	\$0	\$2,677,572	\$0	\$0	\$16,232
pkg. guide	\$13,834,081	\$0	\$13,834,081	\$0	\$0	\$0
pkg. lodge	\$10,258,687	\$0	\$10,258,687	\$0	\$0	\$378,440
pkg. meals	\$6,255,933	\$0	\$6,255,933	\$0	\$0	\$189,364
Eq. Rod/Reel	\$3,566,878	\$2,474,141	\$1,092,737	\$0	\$0	\$0
Eq. Tackle	\$3,697,289	\$2,105,712	\$1,591,577	\$0	\$0	\$0
Eq. Tacklebox	\$224,907	\$165,490	\$59,418	\$0	\$0	\$0
Eq. Electronics	\$1,751,924	\$1,712,509	\$39,415	\$0	\$0	\$0
Eq. Net	\$576,705	\$432,132	\$144,573	\$0	\$0	\$0
Eq. Misc	\$1,604,304	\$924,324	\$679,980	\$0	\$0	\$0
Eq. Shallow	\$887,752	\$706,118	\$181,634	\$0	\$0	\$0
Eq. Tacklebox	\$425,444	\$0	\$425,444	\$0	\$0	\$0
Eq. Books	\$289,802	\$124,512	\$165,290	\$0	\$0	\$0
Eq. Preserv	\$1,177,214	\$844,379	\$332,835	\$0	\$0	\$0
Eq. Coolers	\$896,130	\$442,770	\$453,360	\$0	\$0	\$0
Eq. Clothing	\$2,258,971	\$812,730	\$1,446,241	\$0	\$0	\$0
Eq. Boots	\$1,018,424	\$752,157	\$266,267	\$0	\$0	\$0
Eq. Jackets	\$690,442	\$634,385	\$56,057	\$0	\$0	\$0
Eq. Boats	\$14,298,765	\$12,356,617	\$1,942,148	\$0	\$0	\$0
Eq. Motors	\$9,385,288	\$8,368,522	\$1,016,766	\$0	\$0	\$0
Eq. Trailers	\$2,816,067	\$2,780,594	\$35,473	\$0	\$0	\$0
Eq. Other Parts	\$3,197,413	\$2,668,856	\$528,557	\$0	\$0	\$0
Eq. Bear Spray	\$266,786	\$195,089	\$71,697	\$0	\$0	\$0
Eq. Firearms	\$436,087	\$436,087	\$0	\$0	\$0	\$0
Eq. Cameras	\$815,101	\$618,768	\$196,333	\$0	\$0	\$0
Eq. Tents	\$243,973	\$232,173	\$11,800	\$0	\$0	\$0
Eq. Campers	\$0	\$0	\$0	\$0	\$0	\$0
Eq. Other Camp	\$414,549	\$386,935	\$27,614	\$0	\$0	\$0
Eq. Vehicles	\$7,109,202	\$7,055,405	\$53,797	\$0	\$0	\$0
Eq. Planes	\$1,304,243	\$948,030	\$356,214	\$0	\$0	\$0
Eq. ATV	\$1,307,325	\$1,307,325	\$0	\$0	\$0	\$0
Eq. Registration	\$858,630	\$848,429	\$10,201	\$0	\$0	\$0
Eq. Repair	\$6,043,640	\$4,988,738	\$1,054,902	\$0	\$0	\$0
Eq. Other	\$12,305	\$12,305	\$0	\$0	\$0	\$0
RE. repair	\$26,860,734	\$6,037,607	\$20,823,127	\$0	\$0	\$0
RE. construction	\$26,074,980	\$13,602,583	\$12,472,398	\$0	\$0	\$0
Trip expenditures (non-package)	\$112,324,626	\$22,467,571	\$89,857,056	\$985,711	\$197	\$2,022,114
Package expenditures	\$39,866,502	\$0	\$39,866,502	\$0	\$0	\$1,184,897
Equipment expenditures						
Real estate expenditures						
Total expenditures	\$152,191,129	\$22,467,571	\$129,723,558	\$985,711	\$197	\$2,022,114

The following tables present measures of the economic contributions of trip and package expenditures made by resident and nonresident anglers, for each region, by type of water fished, and by use of guides. Figures include the direct and multiplier effects of angler spending on output, employment and income within each analysis state.

N1	Economic contributions of statewide trip-related expenditures
N2	Economic contributions of statewide package expenditures
N3	Economic contributions of Southeast Region trip-related expenditures
N4	Economic contributions of Southeast Region package expenditures
N5	Economic contributions of Southeast Region trip-related expenditures
N6	Economic contributions of Southeast Region package expenditures
N7	Economic contributions of Interior Region trip-related expenditures
N8	Economic contributions of Interior Region package expenditures
N9	APPENDIX N:
N10	DETAILED ECONOMIC CONTRIBUTIONS OF TRIP AND
N11	PACKAGE SPENDING
N12	Economic contributions of Southeast Marine Subregion trip-related expenditures
N13	Economic contributions of Southeast Marine Subregion package expenditures

The following tables present measures of the economic contributions of trip and package expenditures made by resident and nonresident anglers, for each region, by type of water fished, and by use of guides. Figures include the direct and multiplier effects of angler spending on output, employment and income within each analysis strata.

- N1. Economic contributions of Statewide trip-related expenditures
- N2. Economic contributions of Statewide package expenditures
- N3. Economic contributions of Southeast Region trip-related expenditures
- N4. Economic contributions of Southeast Region package expenditures
- N5. Economic contributions of Southcentral Region trip-related expenditures
- N6. Economic contributions of Southcentral Region package pending
- N7. Economic contributions of Interior Region trip-related expenditures
- N8. Economic contributions of Interior Region package expenditures
- N9. Economic contributions of Cook Inlet Subregion trip-related expenditures
- N10. Economic contributions of Cook Inlet Subregion package expenditures
- N11. Economic contributions of Southeast Marine Subregion trip-related expenditures
- N12. Economic contributions of Southeast Marine Subregion package expenditures

Appendix N1.—Statewide economic contributions of TRIP-RELATED expenditures for sportfishing, by residency, guided/unguided, and type of water. (excluding package spending), 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$27,980,438	\$77,087,031	\$87,665,237	\$73,141,266	\$105,067,469	\$160,806,503	\$265,873,972
Income	\$8,801,815	\$24,603,743	\$31,770,969	\$29,558,666	\$33,405,558	\$61,329,635	\$94,735,193
Employment	377	732	1,148	823	1,108	1,970	3,079
Multiplier effects							
Output	\$18,583,846	\$49,466,965	\$58,854,547	\$48,756,629	\$68,050,811	\$107,611,176	\$175,661,987
Income	\$5,968,112	\$14,570,551	\$18,631,869	\$14,718,026	\$20,538,663	\$33,349,895	\$53,888,558
Employment	144	336	467	371	480	837	1,318
Total effects							
Output	\$46,564,284	\$126,553,996	\$146,519,784	\$121,897,895	\$173,118,280	\$268,417,679	\$441,535,959
Income	\$14,769,927	\$39,174,294	\$50,402,838	\$44,276,692	\$53,944,221	\$94,679,530	\$148,623,751
Employment	521	1,068	1,614	1,193	1,589	2,808	4,396
SALTWATER ANGLERS							
Direct effects							
Output	\$32,500,598	\$81,613,303	\$134,833,212	\$32,329,906	\$114,113,901	\$167,163,118	\$281,277,019
Income	\$10,326,686	\$25,261,992	\$47,759,832	\$12,376,582	\$35,588,678	\$60,136,414	\$95,725,092
Employment	449	841	1,770	356	1,290	2,125	3,416
Multiplier effects							
Output	\$19,798,317	\$53,844,329	\$84,672,427	\$21,100,411	\$73,642,646	\$105,772,838	\$179,415,484
Income	\$6,238,034	\$15,843,381	\$26,304,807	\$6,238,930	\$22,081,415	\$32,543,737	\$54,625,152
Employment	155	360	677	154	515	831	1,346
Total effects							
Output	\$52,298,915	\$135,457,632	\$219,505,639	\$53,430,317	\$187,756,547	\$272,935,956	\$460,692,503
Income	\$16,564,720	\$41,105,373	\$74,064,639	\$18,615,512	\$57,670,093	\$92,680,151	\$150,350,244
Employment	604	1,200	2,447	510	1,805	2,957	4,761
ALL ANGLERS							
Direct effects							
Output	\$60,481,036	\$158,700,334	\$222,498,449	\$105,471,172	\$219,181,370	\$327,969,621	\$547,150,991
Income	\$19,128,501	\$49,865,735	\$79,530,801	\$41,935,248	\$68,994,236	\$121,466,049	\$190,460,285
Employment	826	1,572	2,917	1,179	2,399	4,096	6,494
Multiplier effects							
Output	\$38,382,163	\$103,311,294	\$143,526,974	\$69,857,040	\$141,693,457	\$213,384,014	\$355,077,471
Income	\$12,206,146	\$30,413,932	\$44,936,676	\$20,956,956	\$42,620,078	\$65,893,632	\$108,513,710
Employment	299	696	1,144	525	995	1,669	2,663
Total effects							
Output	\$98,863,199	\$262,011,628	\$366,025,423	\$175,328,212	\$360,874,827	\$541,353,635	\$902,228,462
Income	\$31,334,647	\$80,279,667	\$124,467,477	\$62,892,204	\$111,614,314	\$187,359,681	\$298,973,995
Employment	1,125	2,268	4,061	1,703	3,393	5,764	9,158

Appendix N2.—Statewide economic contributions of PACKAGE spending for sportfishing, by residency, guided/unguided, and type of water, 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$51,056,683	\$8,181,108	\$0	\$59,237,791	\$59,237,791
Income	\$0	\$0	\$16,315,241	\$2,607,214	\$0	\$18,922,455	\$18,922,455
Employment	0	0	695	92	0	786	786
Multiplier effects							
Output	\$0	\$0	\$34,645,480	\$5,714,607	\$0	\$40,360,087	\$40,360,087
Income	\$0	\$0	\$10,976,900	\$1,676,627	\$0	\$12,653,527	\$12,653,527
Employment	0	0	271	42	0	312	312
Total effects							
Output	\$0	\$0	\$85,702,163	\$13,895,715	\$0	\$99,597,878	\$99,597,878
Income	\$0	\$0	\$27,292,141	\$4,283,841	\$0	\$31,575,982	\$31,575,982
Employment	0	0	965	133	0	1,099	1,099
SALTWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$55,451,978	\$6,544,009	\$0	\$61,995,987	\$61,995,987
Income	\$0	\$0	\$17,699,544	\$2,110,456	\$0	\$19,810,000	\$19,810,000
Employment	0	0	761	76	0	836	836
Multiplier effects							
Output	\$0	\$0	\$35,055,714	\$4,493,312	\$0	\$39,549,026	\$39,549,026
Income	\$0	\$0	\$10,885,211	\$1,297,469	\$0	\$12,182,680	\$12,182,680
Employment	0	0	271	32	0	304	304
Total effects							
Output	\$0	\$0	\$90,507,692	\$11,037,321	\$0	\$101,545,013	\$101,545,013
Income	\$0	\$0	\$28,584,755	\$3,407,925	\$0	\$31,992,680	\$31,992,680
Employment	0	0	1,032	108	0	1,140	1,140
ALL ANGLERS							
Direct effects							
Output	\$0	\$0	\$106,508,661	\$14,725,117	\$0	\$121,233,778	\$121,233,778
Income	\$0	\$0	\$34,014,785	\$4,717,670	\$0	\$38,732,455	\$38,732,455
Employment	0	0	1,455	168	0	1,623	1,623
Multiplier effects							
Output	\$0	\$0	\$69,701,194	\$10,207,919	\$0	\$79,909,113	\$79,909,113
Income	\$0	\$0	\$21,862,111	\$2,974,096	\$0	\$24,836,207	\$24,836,207
Employment	0	0	542	74	0	616	616
Total effects							
Output	\$0	\$0	\$176,209,855	\$24,933,036	\$0	\$201,142,891	\$201,142,891
Income	\$0	\$0	\$55,876,896	\$7,691,766	\$0	\$63,568,662	\$63,568,662
Employment	0	0	1,997	241	0	2,239	2,239

Appendix N3.—Southeast Region economic contributions of TRIP-RELATED expenditures for sportfishing, by residency, guided/unguided, and type of water. (excluding package spending), 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$207,915	\$907,746	\$6,933,285	\$7,109,834	\$1,115,661	\$14,043,119	\$15,158,780
Income	\$67,315	\$305,200	\$2,207,581	\$2,312,283	\$372,515	\$4,519,864	\$4,892,379
Employment	3	11	85	86	13	171	184
Multiplier effects							
Output	\$103,172	\$352,723	\$3,247,224	\$3,115,471	\$455,895	\$6,362,695	\$6,818,590
Income	\$37,226	\$112,597	\$1,094,164	\$1,020,719	\$149,823	\$2,114,883	\$2,264,706
Employment	1	3	31	30	4	62	66
Total effects							
Output	\$311,087	\$1,260,469	\$10,180,509	\$10,225,305	\$1,571,556	\$20,405,814	\$21,977,370
Income	\$104,541	\$417,797	\$3,301,745	\$3,333,002	\$522,338	\$6,634,747	\$7,157,085
Employment	4	14	116	116	18	233	250
SALTWATER ANGLERS							
Direct effects							
Output	\$2,887,909	\$17,416,421	\$45,842,612	\$17,550,969	\$20,304,330	\$63,393,581	\$83,697,911
Income	\$915,608	\$5,641,068	\$14,653,514	\$5,750,808	\$6,556,676	\$20,404,322	\$26,960,998
Employment	34	192	559	197	226	756	982
Multiplier effects							
Output	\$1,274,669	\$6,665,412	\$20,307,327	\$6,948,723	\$7,940,081	\$27,256,050	\$35,196,131
Income	\$424,660	\$2,150,884	\$6,726,094	\$2,198,489	\$2,575,544	\$8,924,583	\$11,500,127
Employment	13	63	200	67	76	266	342
Total effects							
Output	\$4,162,578	\$24,081,833	\$66,149,939	\$24,499,692	\$28,244,411	\$90,649,631	\$118,894,042
Income	\$1,340,268	\$7,791,952	\$21,379,608	\$7,949,297	\$9,132,220	\$29,328,905	\$38,461,125
Employment	46	255	759	264	301	1,022	1,324
ALL ANGLERS							
Direct effects							
Output	\$3,095,824	\$18,324,167	\$52,775,897	\$24,660,803	\$21,419,991	\$77,436,700	\$98,856,691
Income	\$982,923	\$5,946,268	\$16,861,095	\$8,063,091	\$6,929,191	\$24,944,186	\$31,853,377
Employment	36	202	644	283	239	927	1,165
Multiplier effects							
Output	\$1,377,841	\$7,018,135	\$23,554,551	\$10,064,194	\$8,395,976	\$33,618,745	\$42,014,721
Income	\$461,886	\$2,263,481	\$7,820,258	\$3,219,208	\$2,725,367	\$11,039,466	\$13,764,833
Employment	14	67	231	97	80	328	408
Total effects							
Output	\$4,473,665	\$25,342,302	\$76,330,448	\$34,724,997	\$29,815,967	\$111,055,445	\$140,871,412
Income	\$1,444,809	\$8,209,749	\$24,681,353	\$11,282,299	\$9,654,558	\$35,963,652	\$45,618,210
Employment	50	269	875	380	319	1,255	1,574

Appendix N4.-Southeast Region economic contributions of PACKAGE expenditures for sportfishing, by residency, guided/unguided, and type of water. (excluding package spending),2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$1,794,465	\$852,349	\$0	\$2,646,814	\$2,646,814
Income	\$0	\$0	\$551,835	\$245,914	\$0	\$797,749	\$797,749
Employment	0	0	22	10	0	32	32
Multiplier effects							
Output	\$0	\$0	\$837,740	\$365,227	\$0	\$1,202,967	\$1,202,967
Income	\$0	\$0	\$283,935	\$114,777	\$0	\$398,712	\$398,712
Employment	0	0	8	4	0	11	11
Total effects							
Output	\$0	\$0	\$2,632,205	\$1,217,576	\$0	\$3,849,781	\$3,849,781
Income	\$0	\$0	\$835,770	\$360,691	\$0	\$1,196,461	\$1,196,461
Employment	0	0	30	13	0	43	43
SALTWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$30,088,145	\$3,451,828	\$0	\$33,539,973	\$33,539,973
Income	\$0	\$0	\$9,495,235	\$1,066,695	\$0	\$10,561,930	\$10,561,930
Employment	0	0	394	44	0	438	438
Multiplier effects							
Output	\$0	\$0	\$13,116,355	\$1,488,182	\$0	\$14,604,537	\$14,604,537
Income	\$0	\$0	\$4,322,469	\$479,367	\$0	\$4,801,836	\$4,801,836
Employment	0	0	122	14	0	135	135
Total effects							
Output	\$0	\$0	\$43,204,500	\$4,940,010	\$0	\$48,144,510	\$48,144,510
Income	\$0	\$0	\$13,817,704	\$1,546,062	\$0	\$15,363,766	\$15,363,766
Employment	0	0	515	58	0	573	573
ALL ANGLERS							
Direct effects							
Output	\$0	\$0	\$31,882,610	\$4,304,177	\$0	\$36,186,787	\$36,186,787
Income	\$0	\$0	\$10,047,070	\$1,312,609	\$0	\$11,359,679	\$11,359,679
Employment	0	0	416	54	0	470	470
Multiplier effects							
Output	\$0	\$0	\$13,954,095	\$1,853,409	\$0	\$15,807,504	\$15,807,504
Income	\$0	\$0	\$4,606,404	\$594,144	\$0	\$5,200,548	\$5,200,548
Employment	0	0	129	17	0	147	147
Total effects							
Output	\$0	\$0	\$45,836,705	\$6,157,586	\$0	\$51,994,291	\$51,994,291
Income	\$0	\$0	\$14,653,474	\$1,906,753	\$0	\$16,560,227	\$16,560,227
Employment	0	0	546	71	0	617	617

Appendix N5.—Southcentral Region economic contributions of combined TRIP-RELATED expenditures for sportfishing, by residency, guided/unguided, and type of water, 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$26,235,805	\$63,718,045	\$71,809,335	\$50,700,827	\$89,953,850	\$122,510,162	\$212,464,012
Income	\$8,089,164	\$18,556,535	\$24,843,909	\$18,559,288	\$26,645,699	\$43,403,197	\$70,048,896
Employment	367	606	961	563	973	1,524	2,497
Multiplier effects							
Output	\$18,707,451	\$46,090,614	\$51,718,626	\$36,529,397	\$64,798,065	\$88,248,023	\$153,046,088
Income	\$6,028,334	\$13,691,946	\$16,481,748	\$11,092,253	\$19,720,280	\$27,574,001	\$47,294,281
Employment	144	305	408	275	449	683	1,132
Total effects							
Output	\$44,943,256	\$109,808,659	\$123,527,961	\$87,230,224	\$154,751,915	\$210,758,185	\$365,510,100
Income	\$14,117,498	\$32,248,481	\$41,325,657	\$29,651,541	\$46,365,979	\$70,977,198	\$117,343,177
Employment	511	911	1,369	838	1,422	2,206	3,628
SALTWATER ANGLERS							
Direct effects							
Output	\$27,657,787	\$58,342,772	\$80,046,872	\$10,464,044	\$86,000,559	\$90,510,916	\$176,511,475
Income	\$8,656,289	\$17,120,838	\$27,529,521	\$3,446,694	\$25,777,127	\$30,976,215	\$56,753,342
Employment	403	596	1,055	119	998	1,174	2,172
Multiplier effects							
Output	\$17,875,434	\$43,280,284	\$53,591,945	\$7,440,167	\$61,155,718	\$61,032,112	\$122,187,830
Income	\$5,669,935	\$12,783,113	\$16,759,180	\$2,248,948	\$18,453,048	\$19,008,128	\$37,461,176
Employment	140	280	429	55	420	484	904
Total effects							
Output	\$45,533,221	\$101,623,056	\$133,638,817	\$17,904,211	\$147,156,277	\$151,543,028	\$298,699,305
Income	\$14,326,224	\$29,903,951	\$44,288,701	\$5,695,642	\$44,230,175	\$49,984,343	\$94,214,518
Employment	543	875	1,418	174	1,418	1,658	3,076
ALL ANGLERS							
Direct effects							
Output	\$53,893,592	\$122,060,817	\$151,856,207	\$61,164,871	\$175,954,409	\$213,021,078	\$388,975,487
Income	\$16,745,453	\$35,677,373	\$52,373,430	\$22,005,982	\$52,422,826	\$74,379,412	\$126,802,238
Employment	769	1,202	2,016	682	1,971	2,698	4,669
Multiplier effects							
Output	\$36,582,885	\$89,370,898	\$105,310,571	\$43,969,564	\$125,953,783	\$149,280,135	\$275,233,918
Income	\$11,693,269	\$26,475,059	\$33,240,928	\$13,341,201	\$38,173,328	\$46,582,129	\$84,755,457
Employment	284	584	837	330	869	1,167	2,035
Total effects							
Output	\$90,476,477	\$211,431,715	\$257,166,778	\$105,134,435	\$301,908,192	\$362,301,213	\$664,209,405
Income	\$28,443,722	\$62,152,432	\$85,614,358	\$35,347,183	\$90,596,154	\$120,961,541	\$211,557,695
Employment	1,054	1,786	2,852	1,012	2,840	3,864	6,704

Appendix N6.—Southcentral Region economic contributions of PACKAGE expenditures for sportfishing, by residency, guided/unguided, and type of water, 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$44,603,221	\$7,092,660	\$0	\$51,695,881	\$51,695,881
Income	\$0	\$0	\$14,238,216	\$2,289,937	\$0	\$16,528,153	\$16,528,153
Employment	0	0	-2	82	0	80	80
Multiplier effects							
Output	\$0	\$0	\$31,972,655	\$5,290,074	\$0	\$37,262,729	\$37,262,729
Income	\$0	\$0	\$10,215,917	\$1,580,918	\$0	\$11,796,835	\$11,796,835
Employment	0	0	-20	39	0	19	19
Total effects							
Output	\$0	\$0	\$76,575,876	\$12,382,734	\$0	\$88,958,610	\$88,958,610
Income	\$0	\$0	\$24,454,133	\$3,870,855	\$0	\$28,324,988	\$28,324,988
Employment	0	0	-22	121	0	99	99
SALTWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$23,868,813	\$3,092,148	\$0	\$26,960,961	\$26,960,961
Income	\$0	\$0	\$7,551,574	\$1,036,614	\$0	\$8,588,188	\$8,588,188
Employment	0	0	338	32	0	370	370
Multiplier effects							
Output	\$0	\$0	\$16,129,119	\$2,439,147	\$0	\$18,568,266	\$18,568,266
Income	\$0	\$0	\$5,049,662	\$689,095	\$0	\$5,738,757	\$5,738,757
Employment	0	0	125	16	0	141	141
Total effects							
Output	\$0	\$0	\$39,997,932	\$5,531,295	\$0	\$45,529,227	\$45,529,227
Income	\$0	\$0	\$12,601,236	\$1,725,709	\$0	\$14,326,945	\$14,326,945
Employment	0	0	463	48	0	511	511
ALL ANGLERS							
Direct effects							
Output	\$0	\$0	\$68,472,034	\$10,184,808	\$0	\$78,656,842	\$78,656,842
Income	\$0	\$0	\$21,789,790	\$3,316,551	\$0	\$25,116,341	\$25,116,341
Employment	0	0	336	114	0	450	450
Multiplier effects							
Output	\$0	\$0	\$48,101,774	\$7,729,221	\$0	\$55,830,995	\$55,830,995
Income	\$0	\$0	\$15,265,579	\$2,270,013	\$0	\$17,535,592	\$17,535,592
Employment	0	0	105	55	0	160	160
Total effects							
Output	\$0	\$0	\$116,573,808	\$17,914,029	\$0	\$134,487,837	\$134,487,837
Income	\$0	\$0	\$37,055,369	\$5,596,564	\$0	\$42,651,933	\$42,651,933
Employment	0	0	441	169	0	610	610

Appendix N7.—Interior Region economic contributions of TRIP-RELATED expenditures for sportfishing, by residency, guided/unguided, and type of water, 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$1,223,964	\$8,091,845	\$5,826,486	\$8,764,006	\$9,315,809	\$14,590,492	\$23,906,301
Income	\$352,570	\$2,202,287	\$1,974,906	\$2,909,178	\$2,554,857	\$4,884,084	\$7,438,941
Employment	16	68	86	96	84	182	266
Multiplier effects							
Output	\$525,825	\$2,993,829	\$2,754,129	\$4,484,336	\$3,519,654	\$7,238,465	\$10,758,119
Income	\$173,890	\$834,983	\$897,888	\$1,338,933	\$1,008,873	\$2,236,821	\$3,245,694
Employment	4	22	22	33	26	56	82
Total effects							
Output	\$1,749,789	\$11,085,674	\$8,580,615	\$13,248,342	\$12,835,463	\$21,828,957	\$34,664,420
Income	\$526,460	\$3,037,270	\$2,872,794	\$4,248,111	\$3,563,730	\$7,120,905	\$10,684,635
Employment	20	89	108	130	110	238	348
SALTWATER ANGLERS							
Direct effects							
Output	\$1,568,683	\$2,972,466	\$4,273,685	\$633,581	\$4,541,149	\$4,907,266	\$9,448,415
Income	\$419,209	\$770,363	\$1,449,497	\$212,250	\$1,189,572	\$1,661,747	\$2,851,319
Employment	16	22	67	8	38	75	113
Multiplier effects							
Output	\$717,374	\$1,050,582	\$1,830,484	\$247,204	\$1,767,956	\$2,077,688	\$3,845,644
Income	\$202,679	\$285,717	\$577,040	\$71,463	\$488,396	\$648,503	\$1,136,899
Employment	5	7	15	2	12	16	29
Total effects							
Output	\$2,286,057	\$4,023,048	\$6,104,169	\$880,785	\$6,309,105	\$6,984,954	\$13,294,059
Income	\$621,888	\$1,056,080	\$2,026,537	\$283,713	\$1,677,968	\$2,310,250	\$3,988,218
Employment	21	29	82	10	50	91	141
ALL ANGLERS							
Direct effects							
Output	\$2,792,647	\$11,064,311	\$10,100,171	\$9,397,587	\$13,856,958	\$19,497,758	\$33,354,716
Income	\$771,779	\$2,972,650	\$3,424,403	\$3,121,428	\$3,744,429	\$6,545,831	\$10,290,260
Employment	32	90	153	104	121	257	378
Multiplier effects							
Output	\$1,243,199	\$4,044,411	\$4,584,613	\$4,731,540	\$5,287,610	\$9,316,153	\$14,603,763
Income	\$376,569	\$1,120,700	\$1,474,928	\$1,410,396	\$1,497,269	\$2,885,324	\$4,382,593
Employment	9	29	37	35	39	72	111
Total effects							
Output	\$4,035,846	\$15,108,722	\$14,684,784	\$14,129,127	\$19,144,568	\$28,813,911	\$47,958,479
Income	\$1,148,348	\$4,093,350	\$4,899,331	\$4,531,824	\$5,241,698	\$9,431,155	\$14,672,853
Employment	41	119	190	139	160	329	489

Appendix N8.—Interior Region economic contributions of PACKAGE expenditures for sportfishing, by residency, guided/unguided, and type of water, 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$4,658,912	\$236,082	\$0	\$4,894,994	\$4,894,994
Income	\$0	\$0	\$1,449,388	\$72,833	\$0	\$1,522,221	\$1,522,221
Employment	0	0	61	3	0	64	64
Multiplier effects							
Output	\$0	\$0	\$2,334,350	\$121,021	\$0	\$2,455,371	\$2,455,371
Income	\$0	\$0	\$745,651	\$36,569	\$0	\$782,220	\$782,220
Employment	0	0	18	1	0	19	19
Total effects							
Output	\$0	\$0	\$6,993,262	\$357,103	\$0	\$7,350,365	\$7,350,365
Income	\$0	\$0	\$2,195,039	\$109,402	\$0	\$2,304,441	\$2,304,441
Employment	0	0	79	4	0	83	83
SALTWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$3,867,787	\$0	\$0	\$3,867,787	\$3,867,787
Income	\$0	\$0	\$1,176,797	\$0	\$0	\$1,176,797	\$1,176,797
Employment	0	0	63	0	0	63	63
Multiplier effects							
Output	\$0	\$0	\$1,725,969	\$0	\$0	\$1,725,969	\$1,725,969
Income	\$0	\$0	\$580,607	\$0	\$0	\$580,607	\$580,607
Employment	0	0	14	0	0	14	14
Total effects							
Output	\$0	\$0	\$5,593,756	\$0	\$0	\$5,593,756	\$5,593,756
Income	\$0	\$0	\$1,757,404	\$0	\$0	\$1,757,404	\$1,757,404
Employment	0	0	77	0	0	77	77
ALL ANGLERS							
Direct effects							
Output	\$0	\$0	\$8,526,699	\$236,082	\$0	\$8,762,781	\$8,762,781
Income	\$0	\$0	\$2,626,185	\$72,833	\$0	\$2,699,018	\$2,699,018
Employment	0	0	124	3	0	127	127
Multiplier effects							
Output	\$0	\$0	\$4,060,319	\$121,021	\$0	\$4,181,340	\$4,181,340
Income	\$0	\$0	\$1,326,258	\$36,569	\$0	\$1,362,827	\$1,362,827
Employment	0	0	32	1	0	33	33
Total effects							
Output	\$0	\$0	\$12,587,018	\$357,103	\$0	\$12,944,121	\$12,944,121
Income	\$0	\$0	\$3,952,443	\$109,402	\$0	\$4,061,845	\$4,061,845
Employment	0	0	156	4	0	160	160

Appendix N9.-Cook Inlet Subregion economic contributions of TRIP-RELATED expenditures for sportfishing, by residency, guided/unguided, and type of water, 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$21,062,669	\$56,284,227	\$50,439,008	\$39,120,565	\$77,346,896	\$89,559,573	\$166,906,469
Income	\$6,524,363	\$16,313,969	\$17,795,092	\$14,652,935	\$22,838,332	\$32,448,027	\$55,286,359
Employment	296	529	665	439	825	1,104	1,929
Multiplier effects							
Output	\$15,405,485	\$42,545,387	\$38,370,790	\$29,893,827	\$57,950,872	\$68,264,617	\$126,215,489
Income	\$5,005,585	\$12,748,328	\$12,218,613	\$9,170,001	\$17,753,913	\$21,388,614	\$39,142,527
Employment	121	298	322	251	419	573	992
Total effects							
Output	\$36,468,154	\$98,829,614	\$88,809,798	\$69,014,392	\$135,297,768	\$157,824,190	\$293,121,958
Income	\$11,529,948	\$29,062,297	\$30,013,705	\$23,822,936	\$40,592,245	\$53,836,641	\$94,428,886
Employment	417	827	987	690	1,244	1,677	2,921
SALTWATER ANGLERS							
Direct effects							
Output	\$16,816,852	\$24,688,268	\$47,293,211	\$5,135,729	\$41,505,120	\$52,428,940	\$93,934,060
Income	\$5,285,729	\$7,097,041	\$16,586,732	\$1,664,573	\$12,382,770	\$18,251,305	\$30,634,075
Employment	237	236	620	62	473	682	1,155
Multiplier effects							
Output	\$11,468,710	\$19,361,383	\$34,409,996	\$4,014,091	\$30,830,093	\$38,424,087	\$69,254,180
Income	\$3,626,328	\$5,746,835	\$10,791,375	\$1,223,957	\$9,373,163	\$12,015,332	\$21,388,495
Employment	94	132	303	33	226	336	562
Total effects							
Output	\$28,285,562	\$44,049,651	\$81,703,207	\$9,149,820	\$72,335,213	\$90,853,027	\$163,188,240
Income	\$8,912,057	\$12,843,876	\$27,378,107	\$2,888,530	\$21,755,933	\$30,266,637	\$52,022,570
Employment	332	368	923	94	700	1,017	1,717
ALL ANGLERS							
Direct effects							
Output	\$37,879,521	\$80,972,495	\$97,732,219	\$44,256,294	\$118,852,016	\$141,988,513	\$260,840,529
Income	\$11,810,092	\$23,411,010	\$34,381,824	\$16,317,508	\$35,221,102	\$50,699,332	\$85,920,434
Employment	533	765	1,285	501	1,298	1,786	3,084
Multiplier effects							
Output	\$26,874,195	\$61,906,770	\$72,780,786	\$33,907,918	\$88,780,965	\$106,688,704	\$195,469,669
Income	\$8,631,913	\$18,495,163	\$23,009,988	\$10,393,958	\$27,127,076	\$33,403,946	\$60,531,022
Employment	216	430	625	283	645	908	1,553
Total effects							
Output	\$64,753,716	\$142,879,265	\$170,513,005	\$78,164,212	\$207,632,981	\$248,677,217	\$456,310,198
Income	\$20,442,005	\$41,906,173	\$57,391,812	\$26,711,466	\$62,348,178	\$84,103,278	\$146,451,456
Employment	749	1,195	1,910	784	1,943	2,694	4,638

Appendix N10.—Cook Inlet Subregion economic contributions of PACKAGE expenditures for sportfishing, by residency, guided/unguided, and type of water, 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
FRESHWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$7,952,368	\$3,872,414	\$0	\$11,824,782	\$11,824,782
Income	\$0	\$0	\$2,533,665	\$1,247,408	\$0	\$3,781,073	\$3,781,073
Employment	0	0	115	45	0	160	160
Multiplier effects							
Output	\$0	\$0	\$5,841,485	\$2,993,022	\$0	\$8,834,507	\$8,834,507
Income	\$0	\$0	\$1,894,830	\$913,633	\$0	\$2,808,463	\$2,808,463
Employment	0	0	47	22	0	69	69
Total effects							
Output	\$0	\$0	\$13,793,853	\$6,865,436	\$0	\$20,659,289	\$20,659,289
Income	\$0	\$0	\$4,428,495	\$2,161,041	\$0	\$6,589,536	\$6,589,536
Employment	0	0	161	67	0	228	228
SALTWATER ANGLERS							
Direct effects							
Output	\$0	\$0	\$8,491,242	\$464,954	\$0	\$8,956,196	\$8,956,196
Income	\$0	\$0	\$2,682,329	\$150,540	\$0	\$2,832,869	\$2,832,869
Employment	0	0	122	5	0	128	128
Multiplier effects							
Output	\$0	\$0	\$5,837,615	\$350,300	\$0	\$6,187,915	\$6,187,915
Income	\$0	\$0	\$1,851,993	\$104,845	\$0	\$1,956,838	\$1,956,838
Employment	0	0	46	3	0	48	48
Total effects							
Output	\$0	\$0	\$14,328,857	\$815,254	\$0	\$15,144,111	\$15,144,111
Income	\$0	\$0	\$4,534,322	\$255,385	\$0	\$4,789,707	\$4,789,707
Employment	0	0	168	8	0	176	176
ALL ANGLERS							
Direct effects							
Output	\$0	\$0	\$16,443,610	\$4,337,368	\$0	\$20,780,978	\$20,780,978
Income	\$0	\$0	\$5,215,994	\$1,397,948	\$0	\$6,613,942	\$6,613,942
Employment	0	0	237	50	0	287	287
Multiplier effects							
Output	\$0	\$0	\$11,679,100	\$3,343,322	\$0	\$15,022,422	\$15,022,422
Income	\$0	\$0	\$3,746,823	\$1,018,478	\$0	\$4,765,301	\$4,765,301
Employment	0	0	92	25	0	117	117
Total effects							
Output	\$0	\$0	\$28,122,710	\$7,680,690	\$0	\$35,803,400	\$35,803,400
Income	\$0	\$0	\$8,962,817	\$2,416,426	\$0	\$11,379,243	\$11,379,243
Employment	0	0	329	75	0	404	404

Appendix N11.—Southeast Marine Subregion economic contributions of TRIP-RELATED expenditures by anglers for sportfishing, by residency and guided/unguided, 2007.

	RESIDENT		NONRESIDENT		TOTAL		ALL ANGLERS
	Guided	Unguided	Guided	Unguided	RESIDENT	NONRESIDENT	
SALTWATER ANGLERS							
Direct effects							
Output	\$2,887,909	\$17,416,421	\$45,842,612	\$17,550,969	\$20,304,330	\$63,393,581	\$83,697,911
Income	\$915,608	\$5,641,068	\$14,653,514	\$5,750,808	\$6,556,676	\$20,404,322	\$26,960,998
Employment	34	192	559	197	226	756	982
Multiplier effects							
Output	\$1,274,669	\$6,665,412	\$20,307,327	\$6,948,723	\$7,940,081	\$27,256,050	\$35,196,131
Income	\$424,660	\$2,150,884	\$6,726,094	\$2,198,489	\$2,575,544	\$8,924,583	\$11,500,127
Employment	13	63	200	67	76	266	342
Total effects							
Output	\$4,162,578	\$24,081,833	\$66,149,939	\$24,499,692	\$28,244,411	\$90,649,631	\$118,894,042
Income	\$1,340,268	\$7,791,952	\$21,379,608	\$7,949,297	\$9,132,220	\$29,328,905	\$38,461,125
Employment	46	255	759	264	301	1,022	1,324