

The Economic Contribution of Marine Angler Expenditures in the United States, 2011

Sabrina J. Lovell, Scott Steinback, and James Hilger



U.S. Department of Commerce
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ABSTRACT

Marine recreational fishing is a popular pastime across the United States that generates significant economic impacts to both local economies and to the nation. NOAA Fisheries estimates that over 70 million recreational fishing trips were taken by more than 11 million marine anglers in 2011. In this report, the level of fishing expenditures for these anglers was quantified within each coastal state and the U.S. as a whole. At the national level, it is estimated that marine anglers spent an estimated \$4.4 billion on trip-based expenditures (e.g., ice, bait, and fuel) and another \$19 billion on fishing equipment and durable goods (e.g., fishing rods, fishing tackle, and boats) in 2011. For this study, a regional input-output assessment was conducted to examine how those expenditures circulated through each state's economy as well as the economy of the entire U.S. It is shown that as angler expenditures filtered through the U.S. economy, they contributed an estimated \$56 billion in total output impacts, \$29 billion in value-added impacts (i.e., contribution to gross domestic product), \$18 billion in income impacts, and supported 364 thousand jobs in the United States.

I. INTRODUCTION

In 2011, the National Marine Fisheries Service (NMFS) conducted the National Marine Recreational Fishing Expenditure Survey (hereafter referred to as "NES"). The survey collected information from anglers on expenditures related to marine recreational fishing. Marine recreational fishing was defined as fishing for finfish in the open ocean or any body of water that is marine or brackish for sport or pleasure. The survey is the second nationwide survey conducted by NMFS to gather marine recreational fishing expenditures across the United States. The first nationwide survey was in 2006. Prior to that year, three regional surveys were conducted starting in 1998 with the Northeast Region, the Southeast Region in 1999, and the Pacific Region in 2000 (Steinback and Gentner, 2001; Gentner, Price, and Steinback, 2001a; Gentner, Price, and Steinback, 2001b).

The primary objectives of the national expenditure surveys are to collect trip expenditures for an angler's most recent marine recreational fishing trip and to collect annual expenditures on durable goods used for marine recreational fishing. Additional objectives include obtaining a profile of the most recent marine recreational fishing trip and collecting demographic information on marine recreational anglers. As specified in the Magnuson-Stevenson Fishery Conservation and Management Act of 1996 (and reauthorized in 2007), NMFS is required to enumerate the economic impacts of the policies it implements on fishing participants and coastal communities. In order to routinely fulfill this mandate and in recognition of the economic importance of recreational fisheries, NOAA conducts nationwide angler expenditure surveys on marine recreational fishing approximately every 5 years. The survey data are then used to estimate the economic contributions of marine recreational fishing to a region's economy via a regional input-output model.

The input-output model used in this report generates four different metrics, referred to as impacts, for assessing the contributions to a region's economy from expenditures on marine recreational fishing. The different measures of impacts are:

- Output is the gross value of sales by businesses within the economic region affected by an activity. In the rest of the document, the terms “sales impacts” and “output impacts” are used interchangeably.
- Labor income includes personal income (wages and salaries) and proprietors’ income (income from self-employment).
- Value Added is the contribution made to the gross domestic product in a region from marine recreational fishing.
- Employment is specified on the basis of full-time and part-time jobs. There is significant part-time and seasonal employment in commercial and recreational fishing and many other industries.

The first three types of impacts are measured in terms of dollars, whereas employment impacts are measured in terms of number of jobs. Additionally, the four categories of impacts are not independent and it is important to note that adding them together would result in some double counting of impacts. Throughout this report, the results of the input-output analysis are referred to as either “economic contributions” or “economic impacts” with no implied distinction in the terms.

The estimates of expenditures and impacts from the 2006 NES have been widely used by NOAA Fisheries, other government agencies, academic institutions and fishing-related organizations. The 2011 angler expenditure and impact estimates in this report provide updated information on the economic importance of recreational fishing in each coastal state and in the U.S. as a whole. At the national level, it is estimated that marine anglers spent \$4.4 billion on trip-based expenditures (e.g., ice, bait, and fuel) and another \$19 billion on fishing equipment and durable goods (e.g., fishing rods, fishing tackle, and boats) in 2011. These expenditures generated an estimated \$56 billion in total output impacts, \$29 billion in value-added impacts (i.e., contribution to gross domestic product), \$18 billion in income impacts, and supported more than 364 thousand jobs across the United States.

Section 2 of this report gives a brief description of the survey methodology and sampling design. In section 3, the survey questionnaires, survey protocol and survey response rates are discussed. Section 4 presents the analytical methods used to estimate mean angler expenditures and total angler expenditures. Section 5 includes a discussion of the regional input-output model and the methods for estimating state level and U.S. level economic contributions from marine recreational fishing. Section 6 concludes with some remarks regarding model assumptions, limitations, and possible survey improvements for future years. Following Section 6, tables with the expenditure and impact results are listed for the entire U.S., for individual coastal states, and for Puerto Rico.

II. SAMPLE FRAMES

The target population for the 2011 NES was marine recreational anglers, 16 years of age and older, who fished in all coastal states and in Puerto Rico during 2011. Puerto Rico was a new addition to the survey in 2011. Ideally, the sample frame for the NES would be a comprehensive database of marine anglers in each state. In 2006, no such frame existed because not all states required marine anglers to obtain state fishing licenses. Since 2010, anglers across the U.S. were either required to obtain a marine fishing license or enter a registry in the state where they fish or to register with NMFS’s National Marine Angler Registry. However, for consistency with the sample frame used for the 2006 NES, the 2011 NES utilized two sample frames: field intercepts with anglers and databases of licensed anglers. Additionally, due to differences in fishing license requirements and exemptions across states, use of an intercept sample frame was determined to be the best approach for some states in 2011.

The Marine Recreational Information Program (MRIP) is an integrated series of regional surveys coordinated by NMFS in order to provide reliable estimates of marine fishing effort, catch, and

participation. There are three primary surveys used to obtain these estimates. The first is the Coastal Household Telephone Survey (CHTS) which is a telephone survey of coastal households designed to measure total fishing effort by coastal residents in a given state or region. Effort is defined in terms of angler fishing trips where a trip is a day of fishing in one fishing mode (e.g., from shore, from a boat). The second survey is the For-Hire Telephone Survey (FHTS) designed to measure effort on charter and party boats. The third survey, the Access Point Angler Intercept Survey (APAIS), is used to estimate catch-per-unit effort in all modes and to estimate correction factors for non-coastal resident angler-trips. Appendix I provides a complete description of the MRIP survey procedures. In the APAIS, Florida is divided into East Florida, which is considered part of the NMFS' South Atlantic Region, and West Florida, which is considered part of the NMFS' Gulf of Mexico Region. This separation of the state is maintained throughout the expenditure and economic contribution analyses.

As was done in 2006, an add-on to the APAIS survey was designed to collect expenditures resulting from the intercepted trip and to gather a frame for mailing a follow-up survey regarding annual durable expenditures. In those states where the APAIS survey is not conducted (Texas, California, Oregon, Washington, and Alaska) license frames were utilized to contact anglers via a mail survey regarding both trip and durable good purchases. The same procedure was followed for the 2006 expenditure survey. For further information about the license frame sampling procedures see Appendix I.

III. SURVEY INSTRUMENTS AND PROCEDURES

Intercept Questionnaire

As noted above, for the states where MRIP conducts the APAIS, a one-page economic add-on was added to the existing catch survey questionnaire. Information routinely collected from anglers during the APAIS include state and zip code of primary residence, number of hours fished on the interviewed trip, top two target species, type of fishing gear used, and the number of days fished in the last 2 and 12 months. The creel portion of the survey collects length and weight of all fish species retained by the angler and the species and disposition of all catch not retained by the angler. The economic questionnaire included questions on whether or not anglers were on an overnight trip, the number of nights spent away from the angler's primary residence, the total number of days spent fishing, and the primary purpose of the entire overnight trip (fishing, business, or personal). All anglers were asked to estimate their expenditures for their entire trip (not just for the days spent fishing). These included costs for auto fuel, auto rental, public transportation (airfare, bus, taxi, subway, ferry), lodging, food (from grocery stores and from restaurants), bait, ice, boat fuel, guide fees, tips to crew, fish processing, and gifts or souvenirs. Respondents were also asked to estimate the proportion of their total expenditure that was spent in the state of the fishing trip. At the end of the interview, respondents were asked for their postal and email addresses for a follow-up survey about their annual durable expenditures.

Every angler over 16 years of age who completed the APAIS base catch survey was eligible for the economic add-on questions. In the states where the MRIP survey was conducted, a total of 108,820 economic add-ons were attempted with anglers. 89,384 interviews were conducted with anglers who were 16 years old or older (Table 1). Overall, 78,780 eligible respondents (72.0%) agreed to the economic add-on survey and 18,921 of those (24%) supplied contact information for a follow-up survey on their durable expenses.

Mail Survey and Questionnaire

The MRIP intercept frame sample and the license frame samples followed slightly different survey protocols. For the MRIP intercept frame, anglers who provided contact information were sent a follow-up survey either by mail or email that asked about their expenditures on marine fishing-related durable goods in the prior 12 months. For the license frame samples, anglers were sent a complete version of the survey by mail or email that included questions on their most recent marine fishing trip and questions on their purchases of durable goods. The trip-related questions on the mail survey gathered the same information that was obtained in the economic add-on to the APAIS. ICF Macro, Inc. conducted the NES mail data collection for all states except California, Oregon, and Washington, which was conducted by CIC Research, Inc. Copies of the questionnaires are available online.¹

Questions related to the purchases of durable goods asked anglers for their expenditures in the prior 12 months and focused on expenditures in the state of the most recent trip. The survey asked about expenditures on semi-durable goods such as fishing tackle and gear (fishing line, hooks, lures, etc.), rods and reels, fishing licenses, special clothing, publications (books, magazines, newspapers, etc.), camping equipment, binoculars, dues and contributions to fishing clubs, and processing or taxidermy costs. Questions on durable goods were related to boats, vehicles, and second homes. Anglers were asked if they owned a boat that they used for recreational marine fishing in the prior 12 months. Additional questions were asked on the length and horsepower of the boat, and the percentage of time in the prior 12 months that they had used it for marine recreational fishing. Boat-related expenditures included purchases of motorboats and accessories, non-motorized boats, boating electronics, mooring and storage, boat insurance, boat and trailer license and registration, and boat and trailer maintenance and repairs.² Similar questions were asked about vehicles and second homes used for marine recreational fishing in the past 12 months (purchase, repair and maintenance, insurance, and license/registration for vehicles). As with boats, respondents were asked to estimate the percentage of time that the vehicle and second home were used for marine recreational fishing. The final section of the mail survey collected a set of socioeconomic and demographic variables, including gender, age, ethnicity, race, annual household income, education level, number of hours worked per week, and the years of marine fishing experience.

The sampling protocol followed a modified Dillman method. If an email address was available for a respondent, then the respondent was first sent an email invitation to access a web-based version of the survey using a unique user identification code and password. Respondents were asked to complete the web survey within 1 week of receiving the email. Three days later, they received a reminder email. Respondents with complete postal addresses and who did not complete the survey online within one week, were then routed into the postal mail group. Anglers were first sent a cover letter describing the purpose of the survey, a questionnaire booklet, and a business reply envelope. One week later, all anglers were sent a postcard that thanked the angler for participating in the survey and included a reminder to return the survey. Three weeks after the first mailing, anglers whose surveys had not yet been received were sent a modified cover letter and another copy of the questionnaire. The second cover letter offered the option of completing the survey online and provided the web address to access the survey as well as a unique user name and password. The provision of the web address in the second cover letter was based on studies that showed reduced overall response rates when an online option was given in the first contact versus providing that option in a subsequent contact (ICF Macro, Inc., 2012).

¹ <http://www.st.nmfs.noaa.gov/economics/fisheries/recreational/angler-expenditures-economic-impacts/index>.

² Questions on fishing tackle expenses and boat mooring, storage, and repair expenses for a given trip were included as trip-related expenditures in 2006, and similar categories were also included in the durable good expenditures in 2006; in 2011 both categories were only included as durable goods to avoid any possible double counting.

Survey versions were personalized based on the state of intercept or licensure, including framing of state specific questions and graphics. In the license frame states, the trip expenditures were anchored to the most recent marine trip taken. All information collected through the MRIP intercept survey was collected in the license frame surveys in order to have similar data on the most recent trip. A few additional state-specific questions were added to the Alaska, California, and Hawaii license frame versions.

A total of 43,472 surveys were sent to anglers across the U.S. either via email or postal mail (Table 1). About 5.8% of the total surveys sent out were returned as being undeliverable by the postal service. Approximately (34%) of the surveys (14,782) were completed either online or returned in the mail. Response rates were fairly consistent across states. Alaska had the highest response rate (65%), followed by Washington and Oregon with 50% and 48%, respectively. States with the lowest response rates included Texas (18%) and New York (19%). A lower response rate was expected in Texas, however, given that licenses were not exclusive to marine fishing and were also sampled without pre-screening for trips taken in 2011. For the three West coast states, 62% of the potential respondents were initially mailed a questionnaire packet and the remaining 38% were initially emailed an invitation to complete the web version of the questionnaire. The number of surveys returned via the mail was 72% versus 28% via the online version. For all other states, 35% were sent the first survey via an email invitation to complete the web survey. For completed surveys, 30% were from the online version and 70% were from the mail version.

To address potential non-response bias, a telephone non-response survey was conducted two weeks after the second mailing. Ten percent of anglers who did not return the survey were selected for the non-response sample in each wave and state. Details on the non-response survey are provided in Appendix II.

IV. METHODS

Trip Expenditures

Survey data for different categories of trip expenditures were used to estimate mean trip expenditures by survey stratum (state, mode of fishing trip (for-hire, private boat, and shore), and resident status). Resident status was split into two categories, resident or non-resident. Anglers who were permanent residents of the state in which they were interviewed as part of the APAIS were considered residents. For the license frame states, anglers who were permanent residents of the state of licensure were considered residents. Mean trip expenditures were calculated for an angler-trip, defined as one day of fishing for one angler. On the survey, anglers were asked to estimate total expenditures for the entire trip away from their permanent residence if the trip involved an overnight stay. Data on the number of nights anglers spent away from their permanent residence and the number of days spent fishing was collected and used to calculate expenditures per angler-trip.

Anglers were asked to report what they personally spent on either themselves or others. They were asked not to include expenses that others paid on their behalf. If they did not have expenditures in a given category, they were asked to record zero rather than leaving the item blank. Missing values for trip expenditure categories were replaced with zero if an angler reported a non-zero dollar amount for at least one other trip expenditure category. The trip expenditure questions included an “other” category that allowed for an open-ended response for the expenditure type and the amount. These responses were re-coded into one of the other expenditure categories if applicable and separable into discrete amounts. The survey also asked anglers to estimate the percentage of trip expenditures that were spent in the state of the most recent fishing trip. These percentages were multiplied by each trip expenditure category to calculate the final expenditure per respondent spent in the state of the trip. If a percentage was left blank, it was

replaced with either 100% in the case of residents, or for non-residents, a statewide average percentage (based on non-resident records only).

Mean trip expenditures were estimated by accounting for both the survey design of the underlying sample and the appropriate sample weights. For the intercept-based sample, the sample weights were based on MRIP weights adjusted for anglers over 16 years of age and for non-response to the economic add-on survey (Foster, 2012). In the APAIS, sampling quotas for a given APAIS stratum (state, mode, wave) are developed according to expected fishing effort for that stratum. Expected fishing effort is based on historical effort estimates for that same stratum. The MRIP sample weights are designed so that each intercept in a particular stratum is weighted based on the estimated total effort in that stratum, and therefore, summing over the sample weights will equal total effort. For the license frame samples, sample weights were calculated based on the sampling strata and sampling design for each license frame state. These base survey weights, either from the intercept or license frame samples, were further adjusted in the process of estimating mean trip expenditures in order to account for item non-response to the set of trip expenditure questions.

Total annual trip expenditures were estimated by multiplying mean trip expenditure by the estimated annual number of adult trips in a given stratum (state/mode/resident). For the Atlantic and Gulf Coast states and Hawaii (shore and private boat modes), the annual number of adult trips by stratum was estimated by summing over the adjusted MRIP sample weights in a given stratum. Hawaii charter effort was based on estimates provided by the Pacific Islands Fisheries Science Center. For all three West Coast states, Texas, and Alaska, estimates of total angler effort were obtained from the Pacific States Marine Fisheries Commission, Texas Department of Parks and Wildlife, and the Alaska Department of Fish and Game, respectively. For these states, adult trips were calculated by multiplying the average percentage of adult trips by mode and resident status across all the MRIP states by the total number of angler trips for the same mode/resident stratum. Total U.S. trip expenditures by mode and resident status were obtained by summing across states. Table 2 provides the 2011 adult effort totals by state, mode, and resident status.

Durable Expenditures

Mean durable expenditures were estimated by state and resident status for each durable expenditure category on the survey. Anglers were asked to estimate the percent of time that they used the items for marine fishing and the percentage spent in the survey state. The percentages were then multiplied by the expenditure amount in order to get the amount attributed to marine fishing spent in the survey state. As with the 2006 NES, only durable goods used primarily for fishing (50% or over) were included. For any items that anglers reported using less than 50% of the time for marine fishing, expenditures were recoded to zero.

Given the length and detail of the mail/internet portion of the survey, it was anticipated that respondents were likely to save time by leaving some questions blank if they did not have an expense. In order to correctly capture zero expenditures, the questionnaire instructed respondents to write zero if they spent nothing for an item. Additionally, screening questions were added to the survey for every grouping of expenditure categories. A set of coding rules was implemented to cover various combinations of answers to the screening questions and for filling in missing values to the subsequent expenditure questions. In general, if an angler indicated in the screening question that he/she had expenditures in a given category (i.e., fishing tackle or gear), then all subsequent missing responses for each of the individual expense items within that group were coded as zeros. For respondents that provided negative responses to the screening questions, all subsequent missing responses were coded as missing data. As with the trip expenditures, if at least one of the individual expense categories within a group was non-zero but others were left blank, these missing values were replaced by zeros. Missing values for either the percentage of usage for marine fishing or for

the percentage spent in the state were replaced with the appropriate average values (stratified by resident status).

An avidity bias related to durable expenditures may be present for the intercept-based portion of the sample. This bias could occur if more avid anglers have a higher likelihood of being sampled as part of the APAIS and if their durable expenditures are correlated with avidity. For the trip expenditures, any potential bias is likely to be small after incorporating the new MRIP sample weights and because expenditures are reported on a per trip basis rather than over multiple trips. Following the procedures used in estimating mean durable expenditures in the 2006 NES, the base sample weights were adjusted as in Thomson (1991) to correct for potential avidity bias.

For calculating economic impacts, only those expenditures that generate new economic activity matter. Angler purchases of used goods from private parties do not generate any new economic activity and are considered transfer payments from one household to another. Respondents were asked if purchases of boats, boat accessories, vehicles, and second homes were made new or used, from dealers or private parties, or were financed. If one of these items was purchased new within the survey state, then the purchase price was included in the estimation procedures. If, however, any of these items were purchased used from a private party and not financed, the expenditure was not included. If the purchase was financed, regardless of whether used or new, financed charges were assumed to be 2% of the loan principal. For used boats purchased through a dealer, used boat accessories, and used vehicles, the purchase price was multiplied by 19% to account for dealer revenues. This percentage was based on the reported retail margins associated with the industrial sector that sells boats and vehicles in IMPLAN Version 3 (MIG, 2008). To calculate the loan principal and the 2011 interest payment to the banking sector for boats, vehicles, and homes, microdata from the 2010 Consumer Expenditure Survey (CES) for each of these expenditure categories were used to calculate the average loan term, the average principal balance, and the average interest rate (CES 2010). Amortization equations were used to develop the additional categories for each respondent purchasing a financed boat, boat accessory, vehicle, or second home. Additionally, for second homes, the average U.S. property tax was obtained from the Tax Foundation (Tax Foundation, 2012). Real estate commissions from home purchases were assumed to be 6%.

Total annual durable expenditures were estimated by multiplying mean durable expenditures in each category by the estimated annual number of adult participants in a given state and resident stratum. For the Atlantic, Gulf Coast states, and Hawaii, the annual number of adult participants was calculated by multiplying the MRIP estimates of participation in a given stratum by the percentage of adults in that same stratum. The percentage of adults was calculated from the percentage of adult effort in the same stratum. Estimates of total participation for the West Coast license frame states were provided by the Southwest Fisheries Science Center (Thompson, 2012). Alaska participation was provided by the Alaska Department of Fish and Game (Jennings, 2012). Estimates of participation for Texas were based on numbers of licenses that included marine fishing in consultation with the Texas Department of Parks and Wildlife. Adult trips for the license frame states were calculated by multiplying the percentage of adult effort by resident status averaged across all the MRIP states by the total number of participants for the same resident stratum. Table 3 provides the 2011 adult participation totals by state, mode, and resident

Outliers within each expenditure category (either trip or durable) and survey strata (i.e., state/mode/resident for trip expenditures and state/resident for durables) were removed from the data set. The decision rule for outliers allowed strata with low variances to remain intact while strata with high variances had outliers removed. Initial weighted mean estimates for all expenditures categories were generated using the *Proc Surveymeans* procedure in SAS (SAS Version 9.3, 2011) and any strata/category combination with a proportion of standard error (PSE) greater than 20% had the upper 1% of its distribution truncated. For the purchase of new and used boats, new and used vehicles, and second homes, the wide variation in

expenditures required slight adjustments to the decision rule based on visual inspection of the data and best professional judgment.

In order to estimate durable expenditures at the U.S. level, mean durable resident expenditures for the U.S. were first calculated and then multiplied by total adult resident participants rather than simply summing over state level expenditures. This allowed for the purchase of boats, vehicles and second homes, regardless of whether or not they were purchased in the survey state, to be included in the estimation. Adult participation for the U.S. was calculated as the sum of state level adult participants. Issues arise, however, when trying to estimate total participation at the U.S. level because the non-resident estimates are not additive across states. Based on the MRIP methods for calculating participation in a given state, it is impossible to know if a non-resident participant in one coastal state is resident or non-resident participant in another coastal state. Because of the inability to assess double counting in non-resident participation in each state, only resident adult participation was used to expand the means to the U.S. total expenditure estimate. This restriction likely results in an underestimate of U.S. adult participation and durable expenditures. For the remainder of this report, U.S. total participation (9.8 million) includes only resident adult participants to avoid potential double counting of non-resident participants.

V. ECONOMIC CONTRIBUTION ANALYSIS

An analysis of the economic contributions derived from marine angler expenditures was the second objective of the 2011 NES. The economic contributions of angler expenditures extend beyond the direct purchases anglers make on fishing trips or for fishing related goods. The effects of these expenditures can be classified as: (1) direct, (2) indirect, or (3) induced. Direct effects occur when anglers spend money at retail and service oriented fishing businesses. Indirect effects occur when recreational fishing retail and service sectors purchase business supplies from wholesale trade businesses and manufacturers, and pay operating expenditures. These secondary industries, in turn, purchase additional supplies and this cycle of industry to industry purchasing continues until all indirect effects are derived from outside the region of interest (Steinback, Gentner, and Castle 2004). Payments for goods and services produced outside of the study area (i.e., outside state lines) are excluded because these effects impact businesses located in other regions. Induced effects occur when employees in the direct and indirect sectors make purchases from retailers and service establishments in the normal course of household consumption. The summation of the direct, indirect, and induced multiplier effects represent the total economic contributions or impacts generated from marine sportfishing expenditures to the overall regional economy.

A regional input-output model was used to analyze how angler expenditures circulated through each state's and territory's economy, and throughout the entire U.S. Input-output models are based on the interrelationship between demand for final goods and services in a regional economy and the supply of intermediate goods and services needed to produce these final goods and services. Input-output models are capable of tracking quantities and purchasing locations of expenditures by anglers, support businesses, and employees in both direct and indirectly affected industries. In analyzing the 2011 angler expenditures, a commercially available regional input-output model called IMPLAN (Minnesota IMPLAN Group, Inc., 2010) was used to estimate the economic contributions of marine recreational fishing. The IMPLAN software is a widely used, nationally recognized tool. For this report, IMPLAN Version 3 software was used, which provides detailed purchasing information for 440 industrial and retail sectors. Previous NMFS analyses of economic impacts from recreational fishing, including the 2006 NES, used earlier versions of IMPLAN (Gentner and Steinback, 2006).

In order to accurately analyze the economic impacts from angler expenditures, it was necessary to match the type of expenditure with a corresponding industry or retail sector in IMPLAN. Angler expenditure categories from the 2011 NES were allocated to IMPLAN sectors based on the sectoring scheme shown in

Table 4. Expenditure categories that included more than one IMPLAN sector were not aggregated to avoid the biases associated with aggregating. Instead, the expenditure in the category was distributed to individual IMPLAN sectors based on the proportion of final household demand in each sector in each state. Because the typical grocery or convenience store purchase includes a wide range of products, expenditures at grocery and convenience stores were allocated across sectors based on IMPLAN's Personal Consumption Expenditure (PCE) activity database for grocery store purchases. PCE activity databases are created by the Bureau of Economic Analysis and represent national average expenditure patterns. Similarly, expenditures on boat and vehicle registrations and licenses, fishing licenses, property taxes, and parking /site access fees were allocated across sectors using IMPLAN's *State/Local Government NonEducation Institution Spending Pattern* database.

In IMPLAN, margins are used to convert the retail-level prices paid by anglers into appropriate producer values. Margins ensure that correct values are assigned to products as they move from producers, to wholesalers, through the transportation sectors, and finally on to retail establishments. Regional purchase coefficients (RPCs) reflect the proportion of a retail item that is manufactured within the state or region. IMPLAN's default RPCs were applied to all the retail expenditure estimates to ensure that imported goods were not included in the impact estimates. The one exception was for bait purchased on a fishing trip. As virtually all bait is derived from local harvesters, all state-level RPC values for bait purchases were increased to 100%. Retail margins were also modified to account for this adjustment.

State-level impacts were estimated by fishing mode (for-hire, private boat, shore), by durable expenses, and for total expenses. The impacts are divided into output (i.e. sales), value-added, income, and employment impacts. Output impacts reflect total dollar sales generated from expenditures by anglers in each state. Value-added impacts represents the contribution recreational angling makes to the gross domestic product of a state or region. Income impacts represents wages, salaries, benefits, and proprietary income generated from angler expenditures. Employment impacts includes both full-time and part-time workers and is expressed as total jobs. For all expenditures combined, the tax impacts were also estimated. Taxes denote the income received by federal and state/local governments. The tax revenue estimates are based on data available in IMPLAN's social accounting matrix, which tracks monetary flows between industries and institutions such as households, government, investment, and trade. Note that impact estimates for a specific state measure only the impacts that occurred within that state due to marine recreational fishing expenditures in that state. Impacts that occur across states are captured in the aggregate U.S. model.

VI. RESULTS AND DISCUSSION

Anglers' marine recreational fishing expenditures and the economic contributions of those expenditures are presented for each coastal state, for Puerto Rico, and for the U.S as a whole. Four tables of results are shown for each state, Puerto Rico, and the U.S. The first table summarizes the total economic impacts attributable to recreational fishing expenditures on output, value-added, income, and employment by trip mode, durable expenditures, and overall total. The second table for each state shows the estimated revenue received by federal and state/local governments from angler purchases. The third table shows mean trip and durable expenditures by type of expenditure and resident status. The fourth table provides total expenditures by type of expenditure and resident status. When interpreting the results, note that it is incorrect (and a frequent misunderstanding) to add the different types of impacts together because they are not mutually exclusive.

Overall, total U.S. expenditures in 2011 decreased 34% compared to the inflation-adjusted estimates shown in Gentner and Steinback (2008) for the U.S. in 2006.³ Further comparisons show an inflation-adjusted

³ The 2006 expenditure estimates shown were adjusted to year 2011 dollars using the Bureau of Labor Statistics' Consumer Price Index.

decrease in total U.S. trip expenditures of 32% and a 34% decrease in total durable expenditures in 2011 compared to 2006. According to data from MRIP and the license frame states, angler effort in 2011 decreased 22% and participation decreased 30% compared to 2006 U.S. levels. This means that mean expenditures per trip also declined from 2006 levels because the magnitude of the decline was higher for trip expenditures than for effort. Similarly, total durable expenditures declined by 34%, while adult participation declined by 30%, suggesting that mean durable expenditures per participant in the U.S. actually decreased in 2011 compared to 2006.

The most recent data from the Bureau of Labor Statistic's Consumer Expenditure Survey (CES) shows similar declines in overall consumer spending in 2011 compared to 2006. Average annual expenditures by consumers on all goods and services declined by 11%, after adjusting for inflation (CES 2011). Average annual consumer spending on vehicles, which includes new and used cars, trucks, and boats, decreased 46% from 2006-2011, after adjusting for inflation. Also, the National Marine Manufacturer's Association (NMMA) estimated sales of the three most popular fishing boats (outboard boats, sterndrive boats, and inboard boats) to be \$19.1 billion in 2006 and \$11.7 billion in 2011 – a 39% decline after adjusting for inflation.

The U.S. Fish and Wildlife Service (USFWS) also collected expenditure data from marine anglers across the U.S. in 2011. Their data show that anglers across the U.S. spent a total of \$10.3 billion on marine fishing in 2011 (USFWS 2012), approximately 56% below our estimate of total marine angler expenditures in the U.S. (\$23.4 billion). Several reasons exist for the disparity. First, the durable expenditure estimates presented in this study are partly a function of MRIP participation estimates. For 2011, MRIP estimates of marine participation in the U.S. are about a million anglers higher than estimated by the USFWS. The disparity is also likely due to differences in sampling procedures. The USFWS estimates are based on a general household survey, rather than a survey based on licensed anglers or intercepted anglers. In contrast to the MRIP survey, which is specifically designed to target only marine anglers, the USFWS targets freshwater anglers, marine anglers, hunters, and other recreational activities as an add-on to the decennial census. Additionally, for many states, the sampling rates used for this study were considerably higher than used for the USFWS study. Differences also exist in how expenditures on durable goods are calculated. The USFWS uses the entire amount of the purchase in the survey year, if the angler indicated that the primary use was fishing. If the primary purpose was not fishing, it is not included in the expenditures. In the NES, anglers were asked the percentage of time that they used the durable good for saltwater fishing, and this percentage was used to calculate expenditures. Also, amortization equations were employed in the NES estimation procedures, but only when an angler indicated the purchase was financed. If a boat or vehicle was purchased new, and the purchase was not financed, the entire purchase price was used for estimation. Lastly, our study contains spending estimates for a greater number of expenditure categories than collected by the USFWS.⁴

At the U.S. level, it was difficult to estimate total angler participation. A resident participant from one state may also have fished in one or more other states or vice-versa. Summing resident and non-resident participation across all states would certainly have overstated participation at the U.S. level. Therefore, only resident participation summed across all of the coastal states was used to expand the durable good expenditure means to total durable expenditures in the U.S. As a result, the durable expenditure estimates shown in this report for the U.S. likely underestimates actual expenditures.

As total angler expenditures in the U.S. decreased in 2011 from 2006 levels, so did the economic activity generated from those expenditures. The total output impacts resulting from angler expenditures in the U.S.

⁴ Additional categories of expenditures collected during the 2011 NES include boat and vehicle registration fees, boat accessories, fishing vehicle maintenance, fishing vehicle insurance, second home purchase, second home property taxes, second home real estate commissions, second home maintenance, second home insurance, fishing club dues, fishing magazine purchases, and finance charges for purchases of boat, vehicles, and second homes.

decreased from \$92.2 billion in 2006⁵ to \$56 billion in 2011. The total income impacts produced from angler expenditures, after adjusting for inflation, dropped from \$26.9 billion in 2006 to \$18 billion in 2011. Value-added impacts declined to \$29 billion from \$42.7 billion, and the total employment impacts supported by angler expenditures decreased from 533,813 to 363,932 across the U.S.

The majority of the changes in economic activity in 2011 compared to 2006 are simply due to lower overall angler expenditures in 2011. The remaining differences are the result of structural changes in a declining economy and because of adjustments in the products and services purchased by anglers. The impact estimates shown in Gentner and Steinback (2008) are based on 2006 IMPLAN data and since 2006 the linkages between businesses that support angler expenditures has changed. For this study we utilize 2008 IMPLAN data, so presumably any underlying structural changes in an economy, such as the mix of goods and services purchased by businesses that support angler expenditures, or in the proportions of goods and services purchased from local suppliers (i.e., RPCs), are reflected in the impact estimates shown here.

A comparison of Keynesian multipliers across the two studies provides an indication of the actual mathematical effect that structural changes in an economy and adjustments in the products and services purchased by anglers have had on the level of impacts generated from angler expenditures. Keynesian multipliers are defined as the ratio of total impacts to final expenditures and express the mathematical relationships between angler expenditures and the economic impacts generated from the expenditures (Archer 1984). While these multipliers are not reported in the tables, the reader may notice that at the U.S. level, the aggregate output multiplier decreased from 2006 (2.62) to 2011 (2.39). The income and value-added multipliers remained nearly constant in 2011 compared to 2006 (0.78 and 1.24, respectively), and the total number of jobs supported by angler expenditures declined from about 17 jobs per million dollars of angler spending in 2006 to 16 jobs in 2011. This means that because of structural changes in the U.S. economy and adjustments in the types of products and services purchased by anglers, an average dollar of angler expenditure in 2011 generated comparatively lower total output and employment, but about equal income and value-added when compared to 2006. The outcome of multiplier comparisons across states varies.

Keynesian multipliers can also be used to predict how changes in angler expenditures (increases or decreases) will affect output, income, value-added, and employment in a regional economy. To do this, one multiplies the appropriate Keynesian multiplier (total impact/total expenditure) by the change. For example, an increase of \$100,000 in overall angler expenditures in Alabama would yield a total increase in output within the state of approximately \$95,680 ($\$100,000 \times (\$819 \text{ million}/\$856 \text{ million})$). Caution is advised, however, when using the expenditure and impact estimates shown in this report to make projections because the projections are based on a particular region's industrial structure in 2008 and if the outcome of an increase in angler expenditures is desired, it must be assumed that there is sufficient productive capacity (i.e., labor and capital) within the region to satisfy an increase in angler expenditures.

The reader should also be aware of additional caveats associated with the state-level impact estimates shown in this report. Separate models were constructed for each state. Therefore, the estimated impacts are limited to economic activity within a state or territory and may underestimate the state-level effects associated with marine recreational fishing. Impacts generated through the imports of goods and services from other neighboring coastal states are not part of each individual state assessment. For example, if a retail store in Florida sold fishing tackle that was manufactured in California, the impacts associated with the production of the fishing tackle are not included in either state's impact assessment. The associated wholesale, distribution, and retail mark-ups that occurred in Florida are included in Florida's impact assessment, but

⁵ The 2006 sales estimate shown in Gentner and Steinback (2008), \$82.3 billion, was converted to its 2011 equivalent using the Bureau of Labor Statistic's Consumer Price Index.

the portion attributable to tackle manufacturing is not included in the California assessment. These cross-state effects, however, are captured in the aggregate U.S. model.

The purpose of the input-output analysis was to estimate the total economic activity associated with marine angling expenditures in each coastal state and across the U.S. Therefore, expenditures by both residents and non-residents were included in the input-output analysis. In contrast to a true “economic impact” analysis that examines how changes in policies or other external factors affect the economic activity associated with changes in angler expenditures, the assessment shown here is generally described as a “contribution” analysis and simply shows the total economic contribution of marine angling expenditures to a regional economy under the conditions that existed during 2011. Often, in economic impact analysis as opposed to economic contribution analysis, spending by residents must be adjusted in the model because it is assumed that they would reallocate most of their expenditures to other sectors of the regional economy, thereby causing no net change in impacts.

Input-output modeling is the most common approach for describing the structure and interactions of regional economies, although it is prudent to be aware of its assumptions regarding linear production functions, constant relative prices, and homogenous sector output. These assumptions are of questionable validity, but are necessary in order to construct the technical coefficients used to determine the direct, indirect, and induced effects in an input-output model. In fact, Propst and Gavrilis (1987) considered these assumptions in their assessment of regional economic impact procedures and concluded that the input-output approach can satisfy the widest range of information needs at high precision levels if primary data are supplied for final demand estimates (i.e., collected directly from anglers as was done for this study).

Another caveat that deserves attention relates to the underlying purpose and use of input-output analysis. In particular, it is a positivistic model designed to identify patterns of transactions and the resource requirements and sector output requirements resulting from angler expenditures. The input-output approach should not be considered a substitute for normative approaches such as benefit-cost analysis. Benefit-cost analysis seeks to determine whether resources are being put to their best use by examining the difference between total economic value and total costs. In the context of recreational fishing, total net economic value is generally defined as willingness to pay in excess of actual expenditures. Alternatively, input-output assessments reveal how actual expenditures affect economic activity within each sector of an economy.

Table 1. Intercept and Followup Survey Completion Statistics

State	MRIP Intercept Surveys	MRIP Economic Add-Ons Completed	Mail Surveys Sent	Mail Surveys Returned
Alabama	2,778	1,726	243	80
Alaska			647	412
Connecticut	1,262	941	58	21
California			9,616	2,830
Delaware	3,359	2,623	858	302
Florida	39,208	27,090	4,565	1,931
Georgia	1,719	1,075	207	72
Hawaii	2,529	1,327	4,406	1,105
Louisiana	5,897	5,117	1,608	633
Maine	1,495	1,032	119	55
Maryland	3,815	3,365	1,241	440
Massachusetts	4,262	3,352	1,250	486
Mississippi	1,783	1,200	435	129
New Hampshire	2,341	1,498	621	229
New Jersey	4,296	3,599	1,277	529
New York	3,581	3,122	665	129
North Carolina	20,756	14,295	3,574	1,562
Oregon			2,365	1,221
Puerto Rico	2,290	1,950	252	50
Rhode Island	1,222	825	180	82
South Carolina	2,824	2,141	356	100
Texas			5,820	1,025
Virginia	3,403	2,502	591	243
Washington			2,518	1,115
Total	108,820	78,780	43,472	14,781

^a The number of completed surveys shown in this Table includes those with some missing responses to individual questions.

^b The number of surveys mailed in Hawaii exceeds the number of addresses collected via the MRIP intercept due to additional sample from the National Saltwater Angler Registry for Hawaii, additional charter intercepts conducted specifically for the 2011 NES, and a sample of anglers collected at tackle shops in Hawaii.

Table 2. Angler Effort in Thousands of Trips, 2011

State	Anglers 16 years and older		Total
	Resident	Non-Resident	
Alabama	1,692	559	2,250
Alaska	393	340	734
California	3,716	103	3,820
Connecticut	994	113	1,107
Delaware	558	306	863
East Florida	7,869	1,012	8,882
Georgia	793	79	872
Hawaii	1,376	48	1,425
Louisiana	3,944	372	4,316
Maine	298	149	447
Maryland	1,827	780	2,607
Massachusetts	2,060	495	2,555
Mississippi	1,316	88	1,404
New Hampshire	195	73	267
New Jersey	3,709	1,123	4,832
New York	3,483	104	3,587
North Carolina	3,289	1,227	4,517
Oregon	571	22	594
Puerto Rico	364	14	378
Rhode Island	511	500	1,011
South Carolina	1,249	430	1,679
Texas	2,016	140	2,156
Virginia	2,076	625	2,701
Washington	1,024	24	1,047
West Florida	9,353	2,772	12,125
United States	54,312	11,484	65,798

^a United States totals do not include Puerto Rico.

Table 3. Angler Participation in Thousands of Anglers, 2011

State	Anglers 16 years and older		Total
	Resident	Non-Resident	
Alabama	425	349	774
Alaska	106	136	241
California	809	78	887
Connecticut	286	82	368
Delaware	114	155	270
East Florida	911	450	1,362
Georgia	242	60	302
Hawaii	83	4	87
Louisiana	707	174	882
Maine	73	89	162
Maryland	400	345	745
Massachusetts	526	243	769
Mississippi	165	54	219
New Hampshire	58	26	84
New Jersey	626	315	942
New York	428	39	467
North Carolina	674	645	1,319
Oregon	172	12	185
Puerto Rico	80	13	93
Rhode Island	88	156	244
South Carolina	197	228	425
Texas	685	66	751
Virginia	485	303	788
Washington	259	14	273
West Florida	1,322	1,313	2,634

Table 4. Recreational Expenditure Sectoring Scheme for IMPLAN

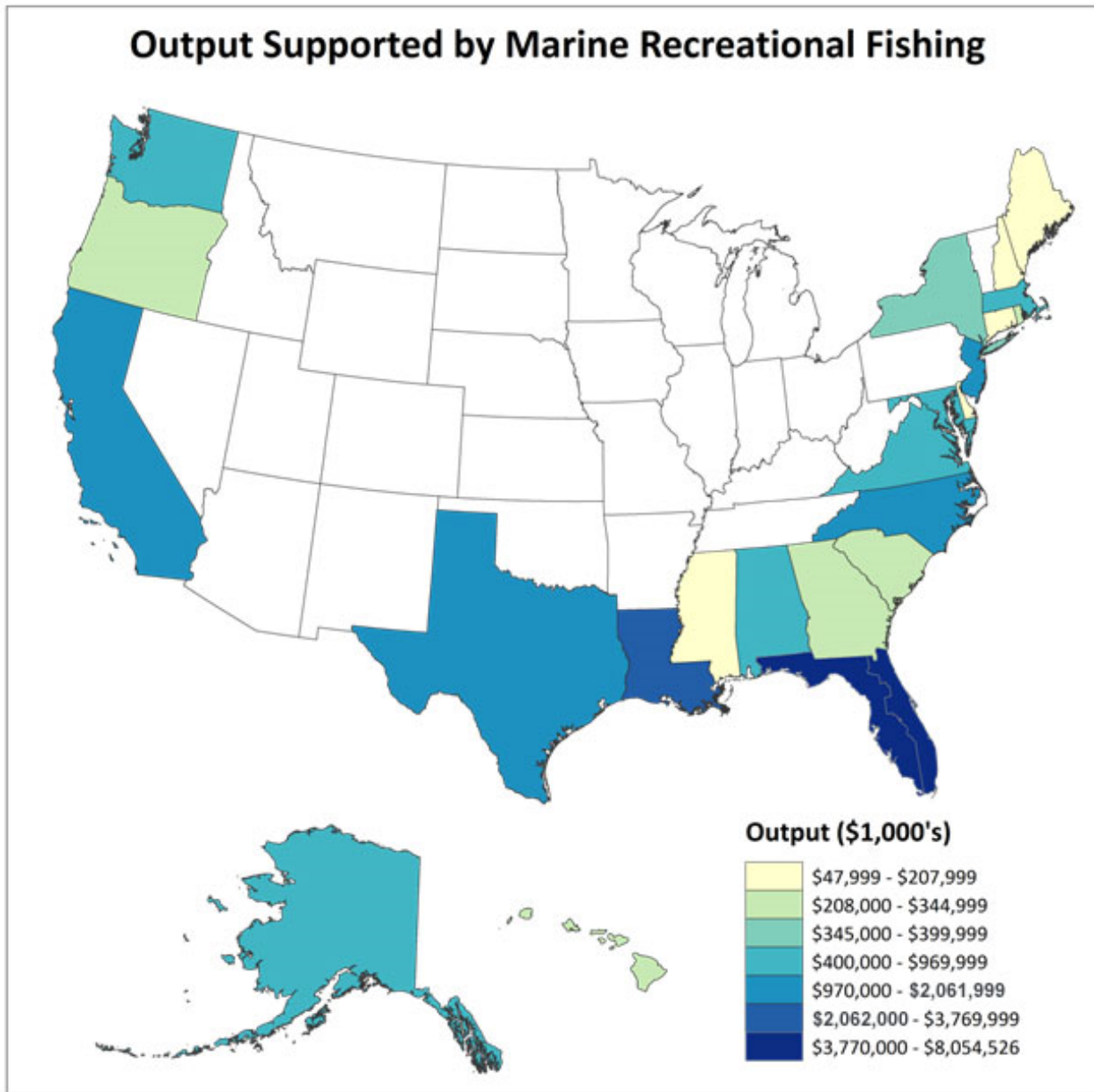
Expenditure Category		IMPLAN 440 Sector(s)	Basis
Trip	Auto Fuel	3115	Retail
	Auto Rental	362	Industry
	Bait	3017	Retail
	Boat Fuel	3115	Retail
	Boat Rental	363	Industry
	Charter Crew Tips	338	Industry
	Charter Fees	338	Industry
	Fish Processing	61	Industry
	Food – Grocery Stores	338	Household PCE Vector
	Food – Restaurants	413	Industry
	Gifts and Souvenirs	330	Industry/Margins
	Ice	3070	Retail
	Lodging	411, 412	Industry
	Parking and Site Access Fees		State/Local Govt NISP
	Public Transportation	336, 332	Industry
	Tournament Fees	410	Industry
	Tackle	Rods & Reels	3311
Tackle & Gear		3311	Retail
Spearfishing Gear		3312	Retail
Equipment	Camping Equipment	3311, 3084	Retail
	Binoculars	3211	Retail
	Fishing Clothing	3087, 3088, 3089, 3093,3311	Retail
	Club Dues	410	Industry
	Processing/Taxidermy	405	Industry
	Subscriptions	3342, 3341 3343,3345	Retail
	Fishing License Fees		State/Local Govt NISP

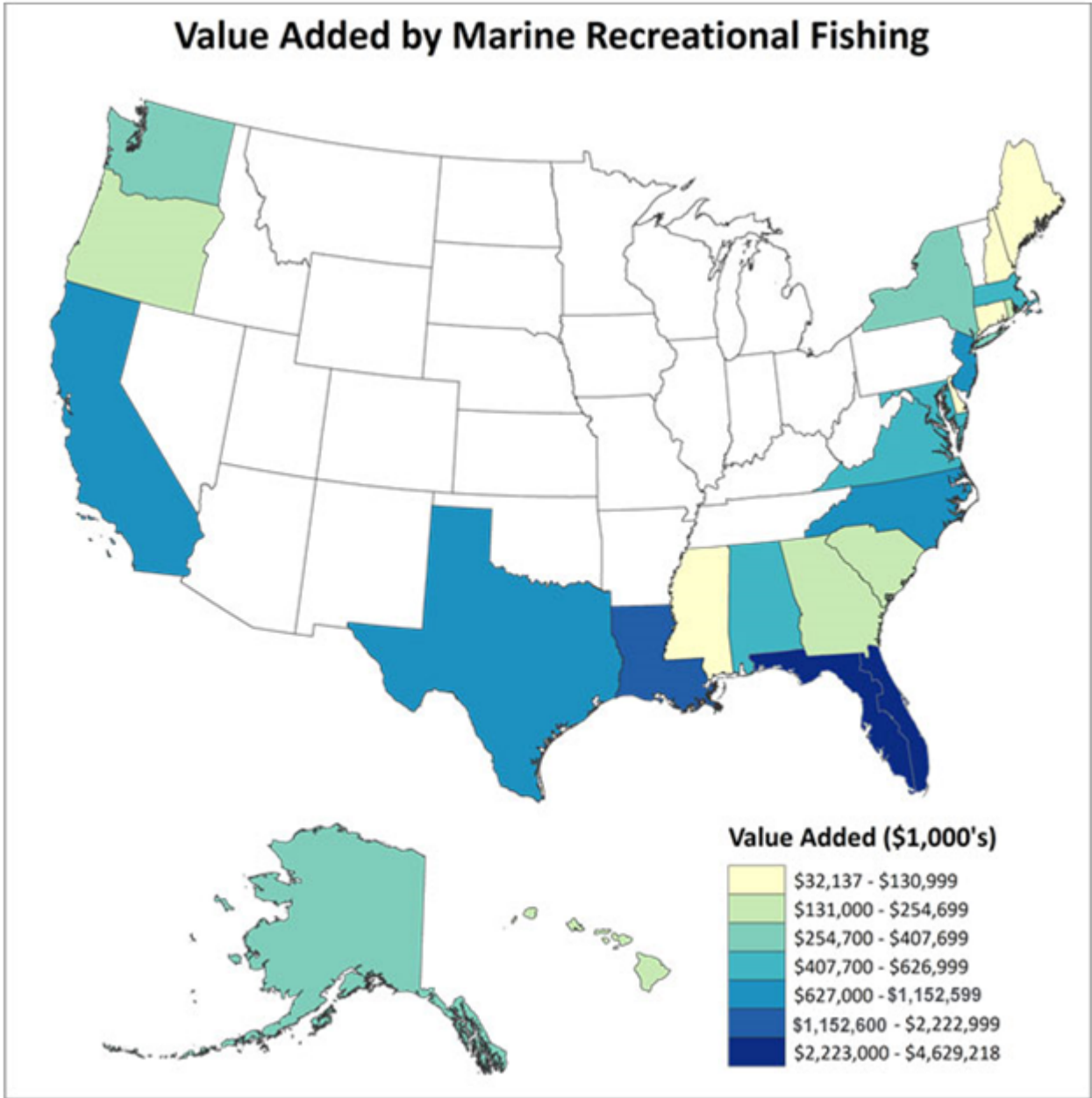
Table 4. Recreational Expenditure Sectoring Scheme for IMPLAN (continued)

Expenditure Category		IMPLAN 440 Sector(s)	Basis
Boats	New Power Boat	3291	Retail
	New Canoes/Non-motor Boat	3291	Retail
	Electronics/Accessories	3249, 3238, 3085	Retail
	Boat Maintenance	418, 320	Industry/Margins
	Boat Insurance	357	Industry
	Boat License/Registration		State/Local Govt NISP
	Boat Storage	410	Industry
Houses	New Vacation Home	37, 38	Industry
	Property Taxes for Homes		State/Local Govt NISP
	Second Home Maintenance	40	Retail
	Second Home Insurance	357	Industry
Vehicles	Fishing Vehicle	3276, 3277, 3281, 3282,3294	Retail
	Vehicle Maintenance	414, 320	Industry/Margins
	Vehicle Insurance	357	Industry
	Vehicle License/Registration		State/Local Govt NISP
Interest Payments	Boats	355	Industry
	Homes	355	Industry
	Vehicles	355	Industry
Used Purchases	Power Boats	320	Industry/Margins
	Canoes/Non-motor Boat	320	Industry/Margins
	Vehicles	320	Industry/Margins
	Boat Electronics	322	Industry/Margins
	Real Estate Commission	360	Industry

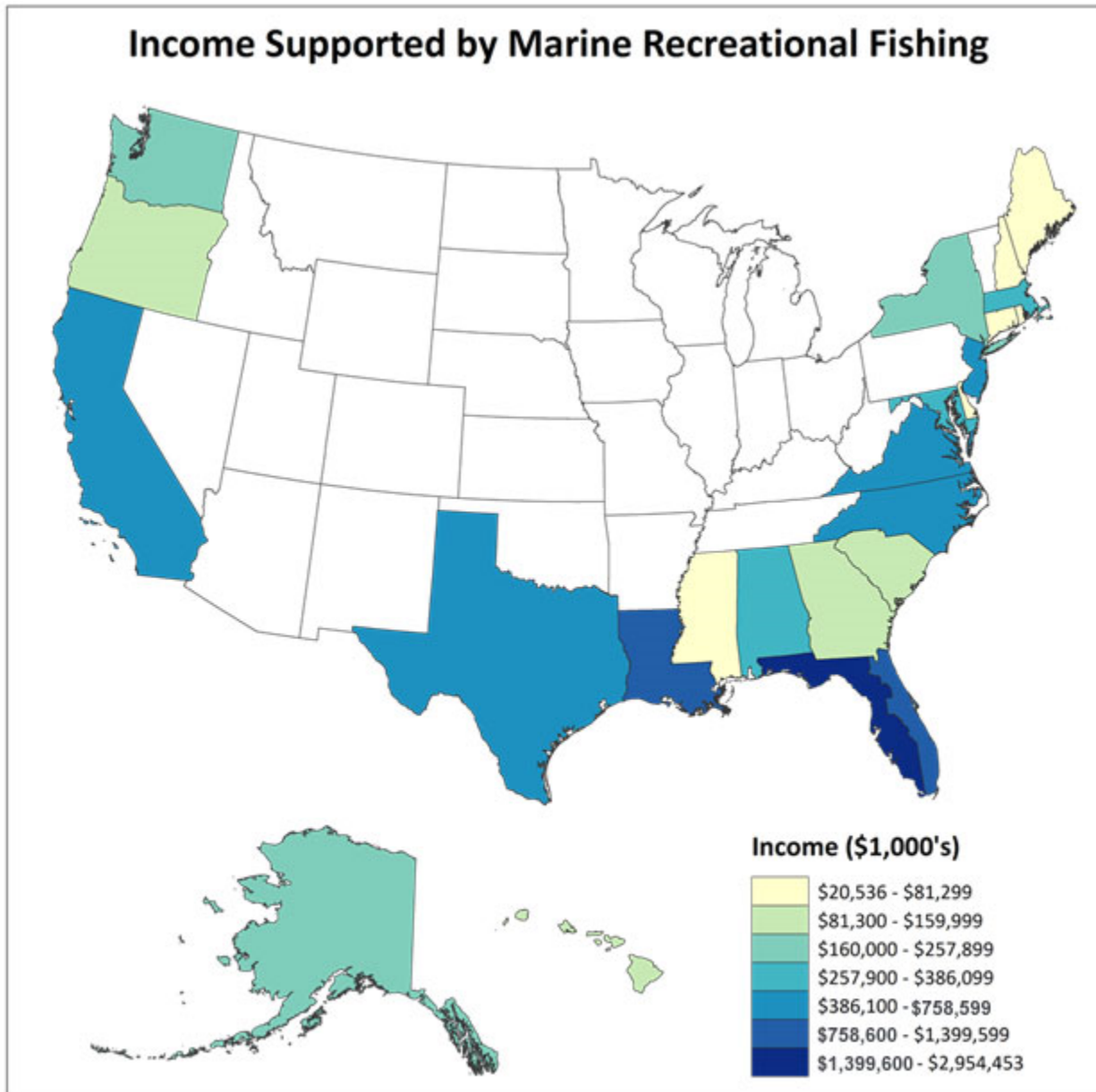
NATIONWIDE AND STATE LEVEL RESULTS

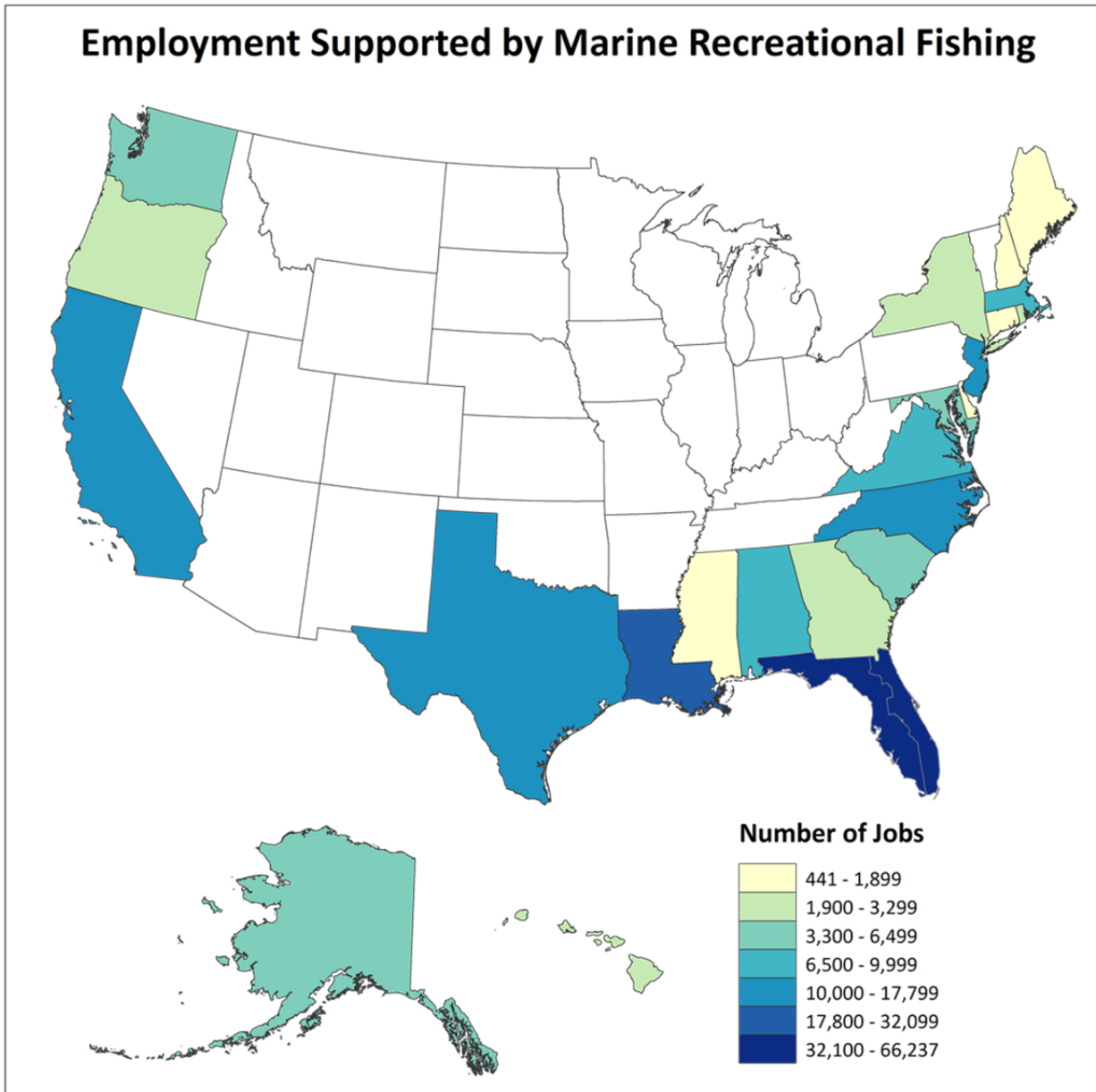
United States





United States





Total angler expenditures on marine recreational fishing in United States were \$23 billion in 2011. Trip expenditures were \$4.4 billion and expenditures on durable goods were \$19 billion. Marine angling trip expenditures were 19% of total marine angling expenditures and durable good expenditures were the remaining 81%. For-hire fishing trip expenditures totaled \$1 billion, private boat trip expenditures totaled \$2 billion, and shore fishing trips totaled \$1.5 billion. Marine recreational fishing in the United States contributed 364 thousand jobs to the nation's economy, generated \$56 billion in output (sales impacts), \$29 billion to the nation's gross domestic product, and \$18 billion in income. Trip expenditures generated approximately 66 thousand jobs and durable expenses generated 298 thousand jobs. Marine angling trip expenditures supported 18% of total employment, and durable expenditures supported the remaining 82%.

Table US_1. Total Economic Impacts Generated in the United States in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$1,018,353	17,980	\$965,119	\$1,496,114	\$2,469,877
	Private Boat	\$1,973,440	25,875	\$1,269,265	\$2,234,379	\$4,428,470
	Shore	\$1,454,621	22,554	\$1,009,950	\$1,741,371	\$3,413,178
	All Modes	\$4,446,414	\$66,409	\$3,244,334	\$5,471,864	\$10,311,525
Durable Expenses		\$18,955,168	297,523	\$14,932,624	\$23,628,826	\$45,531,495
Total Expenses		\$23,401,582	363,932	\$18,176,957	\$29,100,691	\$55,843,020

Table US_2. Federal and State Tax Impacts Generated in the United States in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$45,008	\$0	\$2,619,311	\$511,975	\$279,043	\$3,455,337
Federal Tax	\$1,791,459	\$129,125	\$366,636	\$1,415,377	\$382,446	\$4,085,043
Total	\$1,836,467	\$129,125	\$2,985,947	\$1,927,352	\$661,489	\$7,540,380

Table US_3:
Total Expenditures by Mode and Resident Status in United States, 2011
(\$1,000s)

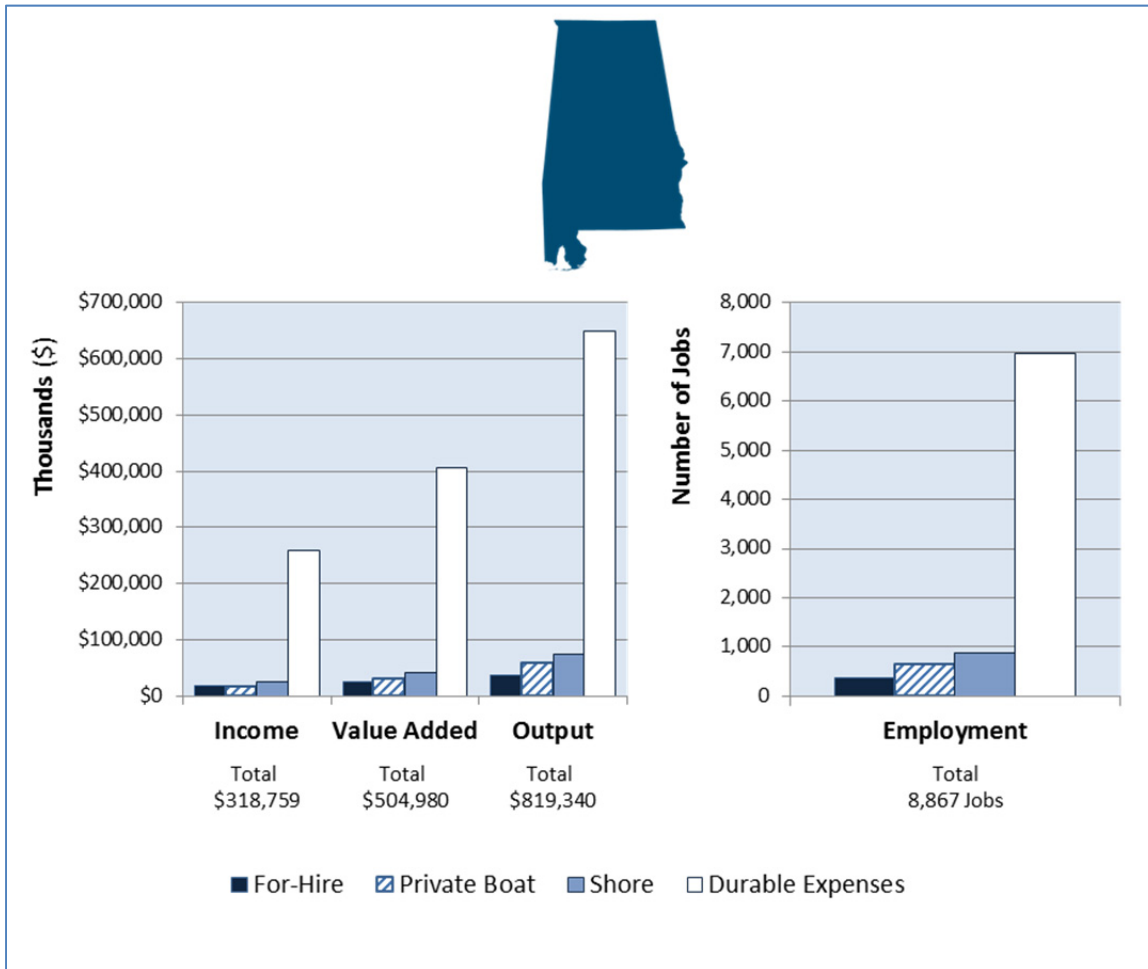
United States			Resident Status
Expenditure Type	MODE	Expenditure Category	Resident
Trip	For-Hire	Auto Fuel	\$105,269
		Auto Rental	\$20,013
		Bait	\$3,925
		Boat Rental	\$3,874
		Charter Fees	\$538,743
		Crew Tips	\$54,797
		Fish Processing	\$6,376
		Food from Grocery Stores	\$51,500
		Food from Restaurants	\$62,226
		Gifts & Souvenirs	\$28,251
		Ice	\$3,204
		Lodging	\$89,609
		Parking & Site Access Fees	\$4,294
		Public Transportation	\$33,242
		Tournament Fees	\$9,870
		For-Hire Trip Total	\$1,018,353
		Private Boat	Auto Fuel
	Auto Rental		\$7,372
	Bait		\$200,140
	Boat Fuel		\$656,532
	Boat Rental		\$4,151
	Charter Fees		\$0
	Fish Processing		\$3,519
	Food from Grocery Stores		\$268,402
	Food from Restaurants		\$113,045
	Gifts & Souvenirs		\$14,080
	Ice		\$51,855
	Lodging		\$86,066
	Parking & Site Access Fees		\$44,311
	Public Transportation		\$18,179
	Tournament Fees		\$2,783
	Private Boat Trip Total	\$1,973,440	
	Shore	Auto Fuel	\$469,152
		Auto Rental	\$8,114
		Bait	\$166,312
		Boat Rental	\$244
		Fish Processing	\$1,108
		Food from Grocery Stores	\$271,459
		Food from Restaurants	\$162,435
		Gifts & Souvenirs	\$23,739
		Ice	\$26,001
		Lodging	\$256,948
		Parking & Site Access Fees	\$52,341
		Public Transportation	\$16,520
		Tournament Fees	\$248
Shore Trip Total	\$1,454,621		
ALL TRIP MODES TOTAL		\$4,446,414	

Table US_3 Cont.:
Total Expenditures by Mode and Resident Status in United States, 2011
(\$1,000s)

United States		Resident Status
Expenditure Type	Expenditure Category	
Durable	Tackle	\$1,592,394
	Rods & Reels	\$1,974,718
	Spearfishing Gear	\$0
	Binoculars	\$93,809
	Camping Equipment	\$230,438
	Clothing	\$455,068
	Club Dues	\$125,801
	License Fees	\$328,283
	Magazine Subscriptions	\$126,982
	Taxidermy	\$60,440
	New Boat Purchase	\$4,561,214
	Used Boat Purchase	\$178,956
	New Canoe Purchase	\$10,139
	Used Canoe Purchase	\$0
	New Accessory Purchase	\$1,062,515
	Used Accessory Purchase	\$98
	Boat Insurance	\$734,232
	Boat Maintenance	\$1,678,821
	Boat Registration	\$235,852
	Boat Storage	\$996,366
	Boat Purchase Fees	\$179,350
	New Vehicle Purchase	\$1,246,491
	Used Vehicle Purchase	\$133,676
	Vehicle Insurance	\$506,452
	Vehicle Maintenance	\$360,767
	Vehicle Registration	\$100,503
	Vehicle Purchase Fees	\$90,659
	New Home Purchase	\$1,252,397
	Second Home Insurance	\$110,346
	Second Home Maintenance	\$279,656
	Second Home Property Taxes	\$31,007
	Second Home Purchase Fees	\$81,308
	Real Estate Commissions	\$136,432
	Total Annual	\$18,955,168
TRIP AND DURABLE GRAND TOTAL		\$23,401,582

Alabama

Figure AL_1. Total Economic Impacts Generated in Alabama in 2011



Total angler expenditures on marine recreational fishing in Alabama were \$856 million in 2011. Trip expenditures were \$146 million and expenditures on durable goods were \$710 million. Marine angling trip expenditures were 17% of total angling expenditures and durable good expenditures were the remaining 83%. For-hire fishing trip expenditures totaled \$27 million, private boat trip expenditures totaled \$59 million, and shore fishing trips totaled \$61 million. Mean trip expenditures by residents on for-hire fishing trips were \$273.70, \$42.73 on private boat trips, and \$40.33 for shore trips. Non-resident mean trip expenditures were \$526.49, \$108.57, and \$89.98 respectively. Residents spent \$75 million on trip expenses; \$5.5 million on for-hire trips, \$41 million on private boat trips, and \$28 million on shore trips. Non-residents spent \$71 million on trip expenses; \$21 million on for-hire trips, \$17 million on private boat trips, and \$32 million on shore trips. Resident spending on durable goods purchased in Alabama totaled \$580 million; non-resident spending on durable goods totaled \$130 million. Marine recreational fishing in Alabama contributed 8.9 thousand jobs to the state's economy, generated \$819 million in output (sales), \$505 million to the state's gross domestic product, and \$319 million in income. Trip expenditures generated approximately 1.9 thousand jobs and durable expenses generated 7 thousand jobs. Marine angling trip expenditures supported 22% of total employment, and durable expenditures supported the remaining 78%.

Table AL_1. Total Economic Impacts Generated in Alabama in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$26,919	379	\$17,056	\$25,650	\$37,481
	Private Boat	\$58,555	654	\$18,229	\$31,845	\$58,845
	Shore	\$60,714	880	\$24,100	\$40,686	\$73,217
	All Modes	\$146,188	1,912	\$59,385	\$98,181	\$169,543
Durable Expenses		\$710,146	6,955	\$259,374	\$406,799	\$649,797
Total Expenses		\$856,334	8,867	\$318,759	\$504,980	\$819,340

Table AL_2. Federal and State Tax Impacts Generated in Alabama in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$599	\$0	\$56,378	\$5,661	\$4,074	\$66,712
Federal Tax	\$33,356	\$2,104	\$9,165	\$15,265	\$5,777	\$65,667
Total	\$33,955	\$2,104	\$65,543	\$20,926	\$9,851	\$132,379

**Table AL_3:
Mean Expenditures by Mode and Resident Status in Alabama, 2011**

Alabama			Resident Status			
Expenditure Type	Mode	Expenditure Category	Resident	Non-Resident	All Anglers	
Trips	For-Hire	Auto Fuel	\$31.06	\$92.50	\$72.66	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$0.00	\$0.00	\$0.00	
		Boat Rental	\$0.00	\$0.38	\$0.25	
		Charter Fees	\$171.07	\$237.08	\$215.07	
		Crew Tips	\$24.01	\$33.14	\$30.09	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$21.87	\$28.23	\$26.13	
		Food from Restaurants	\$11.40	\$35.42	\$27.68	
		Gifts & Souvenirs	\$0.00	\$6.88	\$4.58	
		Ice	\$0.00	\$0.44	\$0.30	
		Lodging	\$14.29	\$90.91	\$65.90	
		Parking & Site Access	\$0.00	\$0.00	\$0.00	
		Public Transportation	\$0.00	\$1.52	\$1.01	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$273.70	\$526.49
	Private Boat	Auto Fuel	\$12.30	\$35.09	\$15.80	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$6.84	\$4.84	\$6.53	
		Boat Fuel	\$15.20	\$6.55	\$13.86	
		Boat Rental	\$0.02	\$0.00	\$0.02	
		Charter Fees	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$4.54	\$11.42	\$5.60	
		Food from Restaurants	\$1.31	\$12.00	\$2.98	
		Gifts & Souvenirs	\$0.00	\$1.46	\$0.23	
		Ice	\$1.99	\$1.31	\$1.89	
		Lodging	\$0.21	\$35.56	\$5.72	
		Parking & Site Access	\$0.31	\$0.34	\$0.32	
		Public Transportation	\$0.00	\$0.00	\$0.00	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$42.73	\$108.57
	Shore	Auto Fuel	\$14.02	\$19.34	\$15.74	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$4.41	\$3.81	\$4.21	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.32	\$0.11	
		Food from Grocery Stores	\$6.82	\$9.95	\$7.84	
		Food from Restaurants	\$4.17	\$13.31	\$7.22	
		Gifts & Souvenirs	\$0.69	\$3.49	\$1.62	
		Ice	\$0.63	\$0.55	\$0.60	
		Lodging	\$6.81	\$35.38	\$16.36	
Parking & Site Access		\$2.77	\$3.83	\$3.12		
Public Transportation		\$0.00	\$0.00	\$0.00		
Tournament Fees		\$0.00	\$0.00	\$0.00		
Trip Total				\$40.33	\$89.98	\$56.83

Table AL_3 Cont.:
Mean Expenditures by Mode and Resident Status in Alabama, 2011

Alabama		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$190.00	\$157.53	\$174.20
	Rods & Reels	\$153.15	\$129.15	\$141.63
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$16.53	\$0.00	\$10.27
	Camping Equipment	\$11.64	\$6.69	\$9.79
	Clothing	\$22.08	\$16.22	\$19.42
	Club Dues	\$2.61	\$9.53	\$5.23
	License Fees	\$22.70	\$37.21	\$30.15
	Magazine Subscriptions	\$14.85	\$8.26	\$12.16
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$72.24	\$0.00	\$32.93
	Used Boat Purchase	\$0.00	\$0.00	\$0.00
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$33.45	\$2.19	\$17.75
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$97.20	\$0.00	\$46.91
	Boat Maintenance	\$138.73	\$5.43	\$71.87
	Boat Registration	\$26.16	\$0.23	\$12.93
	Boat Storage	\$11.63	\$0.00	\$5.54
	Boat Purchase Fees	\$28.24	\$0.00	\$13.96
	New Vehicle Purchase	\$302.57	\$0.00	\$175.46
	Used Vehicle Purchase	\$9.72	\$0.00	\$5.63
	Vehicle Insurance	\$116.78	\$0.00	\$67.37
	Vehicle Maintenance	\$63.28	\$0.00	\$36.04
	Vehicle Registration	\$17.66	\$0.00	\$10.18
	Vehicle Purchase Fees	\$13.13	\$0.00	\$7.61
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$0.00	\$0.00
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$1,364.37	\$372.45	\$907.03

Table AL_4:

Total Expenditures by Mode and Resident Status in Alabama, 2011 (\$1,000s)

Alabama			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$622	\$3,767	\$4,388	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$0	\$0	\$0	
		Boat Rental	\$0	\$15	\$15	
		Charter Fees	\$3,425	\$9,654	\$13,079	
		Crew Tips	\$481	\$1,349	\$1,830	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$438	\$1,150	\$1,587	
		Food from Restaurants	\$228	\$1,442	\$1,671	
		Gifts & Souvenirs	\$0	\$280	\$280	
		Ice	\$0	\$18	\$18	
		Lodging	\$286	\$3,702	\$3,988	
		Parking & Site Access Fees	\$0	\$0	\$0	
		Public Transportation	\$0	\$62	\$62	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total			\$5,480	\$21,439
	Private Boat	Auto Fuel	\$11,931	\$5,532	\$17,463	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$6,635	\$763	\$7,398	
		Boat Fuel	\$14,744	\$1,033	\$15,777	
		Boat Rental	\$19	\$0	\$19	
		Charter Fees	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$4,404	\$1,800	\$6,204	
		Food from Restaurants	\$1,271	\$1,892	\$3,163	
		Gifts & Souvenirs	\$0	\$230	\$230	
		Ice	\$1,930	\$207	\$2,137	
		Lodging	\$204	\$5,606	\$5,810	
		Parking & Site Access Fees	\$301	\$54	\$354	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
		Private Boat Trip Total			\$41,439	\$17,116
	Shore	Auto Fuel	\$9,837	\$6,969	\$16,806	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$3,094	\$1,373	\$4,467	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$115	\$115	
		Food from Grocery Stores	\$4,785	\$3,585	\$8,371	
		Food from Restaurants	\$2,926	\$4,796	\$7,722	
		Gifts & Souvenirs	\$484	\$1,258	\$1,742	
		Ice	\$442	\$198	\$640	
		Lodging	\$4,778	\$12,749	\$17,527	
Parking & Site Access Fees		\$1,944	\$1,380	\$3,324		
Public Transportation		\$0	\$0	\$0		
Tournament Fees		\$0	\$0	\$0		
Shore Trip Total				\$28,291	\$32,423	\$60,714
	ALL TRIP MODES TOTAL		\$75,210	\$70,978	\$146,188	

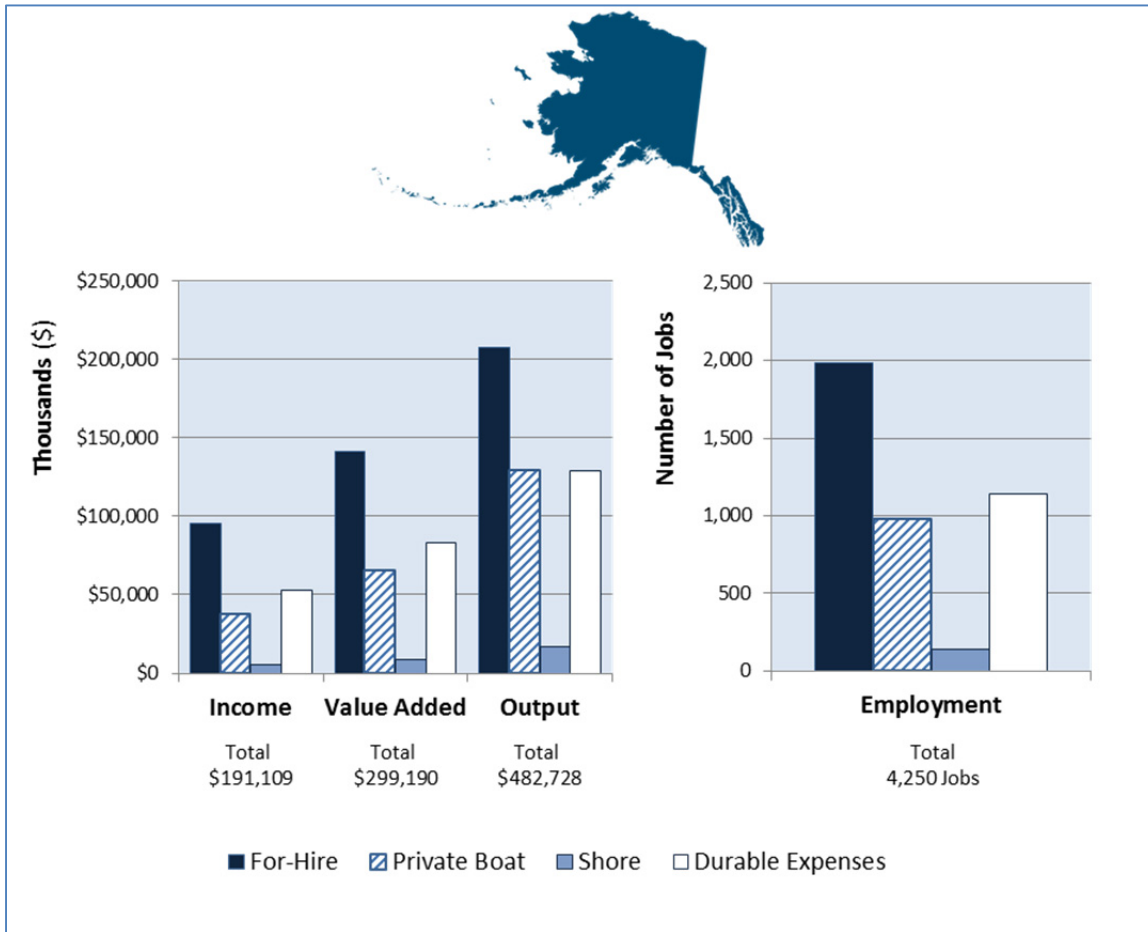
Table AL_4 Cont.:

Total Expenditures by Mode and Resident Status in Alabama, 2011 (\$1,000s)

Alabama		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$80,795	\$54,973	\$135,769
	Rods & Reels	\$65,125	\$45,070	\$110,195
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$7,029	\$0	\$7,029
	Camping Equipment	\$4,950	\$2,335	\$7,284
	Clothing	\$9,389	\$5,660	\$15,050
	Club Dues	\$1,110	\$3,326	\$4,436
	License Fees	\$9,653	\$12,985	\$22,638
	Magazine Subscriptions	\$6,315	\$2,883	\$9,197
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$30,719	\$0	\$30,719
	Used Boat Purchase	\$0	\$0	\$0
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$14,224	\$764	\$14,988
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$41,333	\$0	\$41,333
	Boat Maintenance	\$58,993	\$1,895	\$60,888
	Boat Registration	\$11,124	\$80	\$11,205
	Boat Storage	\$4,946	\$0	\$4,946
	Boat Purchase Fees	\$12,009	\$0	\$12,009
	New Vehicle Purchase	\$128,665	\$0	\$128,665
	Used Vehicle Purchase	\$4,133	\$0	\$4,133
	Vehicle Insurance	\$49,659	\$0	\$49,659
	Vehicle Maintenance	\$26,909	\$0	\$26,909
	Vehicle Registration	\$7,510	\$0	\$7,510
	Vehicle Purchase Fees	\$5,583	\$0	\$5,583
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$0	\$0
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
	Total Annual	\$580,175	\$129,971	\$710,146
TRIP AND DURABLE GRAND TOTAL		\$655,385	\$200,949	\$856,334

Alaska

Figure AK_1. Total Economic Impacts Generated in Alaska in 2011



Total angler expenditures on marine recreational fishing in Alaska were \$387 million in 2011. Trip expenditures were \$258 million and expenditures on durable goods were \$129 million. Marine angling trip expenditures were 67% of total angling expenditures and durable good expenditures were the remaining 33%. For-hire fishing trip expenditures totaled \$138 million, private boat trip expenditures totaled \$107 million, and shore fishing trips totaled \$13 million. Mean trip expenditures by residents on for-hire fishing trips were \$569.94, \$155.93 on private boat trips, and \$93.23 for shore trips. Non-resident mean trip expenditures were \$685.90, \$453, and \$230.67 respectively. Residents spent \$73 million on trip expenses; \$19 million on for-hire trips, \$50 million on private boat trips, and \$3.9 million on shore trips. Non-residents spent \$185 million on trip expenses; \$119 million on for-hire trips, \$57 million on private boat trips, and \$9.4 million on shore trips. Resident spending on durable goods purchased in Alaska totaled \$116 million; non-resident spending on durable goods totaled \$13 million. Marine recreational fishing in Alaska contributed 4.2 thousand jobs to the state's economy, generated \$483 million in output (sales), \$299 million to the state's gross domestic product, and \$191 million in income. Trip expenditures generated approximately 3.1 thousand jobs and durable expenses generated 1.1 thousand jobs. Marine angling trip expenditures supported 73% of total employment, and durable expenditures supported the remaining 27%.

Table AK_1. Total Economic Impacts Generated in Alaska in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$138,087	1,989	\$95,427	\$141,636	\$207,669
	Private Boat	\$106,752	978	\$37,981	\$65,766	\$129,233
	Shore	\$13,301	139	\$5,221	\$8,824	\$16,996
	All Modes	\$258,140	\$3,107	\$138,629	\$216,226	\$353,898
Durable Expenses		\$129,219	1,144	\$52,480	\$82,964	\$128,830
Total Expenses		\$387,359	\$4,250	\$191,109	\$299,190	482,728

Table AK_2. Federal and State Tax Impacts Generated in Alaska in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$938	\$0	\$33,042	\$1,696	\$7,650	\$43,326
Federal Tax	\$16,265	\$1,603	\$1,506	\$14,003	\$3,558	\$36,935
Total	\$17,203	\$1,603	\$34,548	\$15,699	\$11,208	\$80,261

**Table AK_3:
Mean Expenditures by Mode and Resident Status in Alaska, 2011**

Alaska			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$68.82	\$21.17	\$24.09
		Auto Rental	\$0.00	\$25.17	\$23.18
		Bait	\$0.41	\$0.01	\$0.04
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$302.01	\$385.31	\$379.92
		Crew Tips	\$35.50	\$25.49	\$26.29
		Fish Processing	\$13.49	\$29.27	\$28.04
		Food from Grocery Stores	\$20.82	\$10.58	\$11.20
		Food from Restaurants	\$30.87	\$32.25	\$32.17
		Gifts & Souvenirs	\$0.71	\$52.79	\$49.61
		Ice	\$1.88	\$0.02	\$0.13
		Lodging	\$83.20	\$42.82	\$46.02
		Parking & Site Access	\$3.17	\$2.23	\$2.31
		Public Transportation	\$5.17	\$58.14	\$53.95
		Tournament Fees	\$3.87	\$0.65	\$0.85
		Trip Total		\$569.94	\$685.90
	Private Boat	Auto Fuel	\$29.25	\$31.79	\$30.75
		Auto Rental	\$0.00	\$47.17	\$26.45
		Bait	\$6.92	\$11.92	\$9.87
		Boat Fuel	\$64.88	\$17.30	\$37.58
		Boat Rental	\$0.00	\$0.06	\$0.04
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$2.41	\$21.71	\$12.87
		Food from Grocery Stores	\$26.17	\$42.97	\$35.77
		Food from Restaurants	\$13.66	\$34.64	\$26.04
		Gifts & Souvenirs	\$0.38	\$75.49	\$42.48
		Ice	\$2.69	\$5.82	\$4.54
		Lodging	\$1.26	\$64.10	\$35.20
		Parking & Site Access	\$8.14	\$6.00	\$6.87
		Public Transportation	\$0.11	\$93.98	\$53.11
		Tournament Fees	\$0.06	\$0.05	\$0.06
		Trip Total		\$155.93	\$453.00
	Shore	Auto Fuel	\$48.75	\$15.96	\$23.01
		Auto Rental	\$0.00	\$22.43	\$18.36
		Bait	\$1.82	\$0.83	\$1.00
		Boat Rental	\$0.00	\$1.31	\$1.07
		Fish Processing	\$0.00	\$24.17	\$19.11
		Food from Grocery Stores	\$16.34	\$43.13	\$39.18
		Food from Restaurants	\$18.35	\$25.46	\$23.97
		Gifts & Souvenirs	\$0.64	\$23.55	\$18.74
		Ice	\$1.61	\$0.03	\$0.32
		Lodging	\$4.12	\$22.61	\$19.19
Parking & Site Access		\$1.59	\$2.20	\$2.09	
Public Transportation		\$0.00	\$48.98	\$40.17	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$93.23	\$230.67	\$206.23

Table AK_3 Cont.:
Mean Expenditures by Mode and Resident Status in Alaska, 2011

Alaska		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$108.56	\$7.33	\$35.39
	Rods & Reels	\$101.49	\$0.43	\$28.92
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.00	\$0.00	\$0.00
	Camping Equipment	\$10.69	\$0.00	\$2.52
	Clothing	\$55.22	\$2.02	\$16.49
	Club Dues	\$0.49	\$0.00	\$0.14
	License Fees	\$9.00	\$68.23	\$52.08
	Magazine Subscriptions	\$6.64	\$0.20	\$2.01
	Taxidermy	\$16.61	\$3.39	\$7.07
	New Boat Purchase	\$118.14	\$0.19	\$30.22
	Used Boat Purchase	\$0.00	\$0.00	\$0.00
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$210.03	\$0.00	\$57.76
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$132.69	\$0.00	\$36.49
	Boat Maintenance	\$240.07	\$0.00	\$66.07
	Boat Registration	\$10.11	\$0.00	\$2.76
	Boat Storage	\$57.76	\$0.00	\$15.53
	Boat Purchase Fees	\$0.90	\$0.01	\$0.25
	New Vehicle Purchase	\$4.05	\$0.00	\$1.14
	Used Vehicle Purchase	\$2.81	\$0.00	\$0.79
	Vehicle Insurance	\$3.40	\$0.00	\$0.94
	Vehicle Maintenance	\$6.27	\$0.00	\$1.73
	Vehicle Registration	\$0.91	\$0.00	\$0.25
	Vehicle Purchase Fees	\$0.18	\$0.00	\$0.05
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$3.59	\$2.58
	Second Home Purchase Fees	\$0.00	\$12.27	\$8.82
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$1,096.04	\$97.67	\$370.02

Table AK_4:

Total Expenditures by Mode and Resident Status in Alaska, 2011 (\$1,000s)

Alaska			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$2,327	\$3,667	\$5,994	
		Auto Rental	\$0	\$4,360	\$4,360	
		Bait	\$14	\$2	\$16	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$10,210	\$66,748	\$76,958	
		Crew Tips	\$1,200	\$4,416	\$5,616	
		Fish Processing	\$456	\$5,071	\$5,527	
		Food from Grocery Stores	\$704	\$1,833	\$2,537	
		Food from Restaurants	\$1,044	\$5,587	\$6,630	
		Gifts & Souvenirs	\$24	\$9,145	\$9,169	
		Ice	\$64	\$3	\$67	
		Lodging	\$2,813	\$7,418	\$10,231	
		Parking & Site Access Fees	\$107	\$386	\$493	
		Public Transportation	\$175	\$10,072	\$10,246	
		Tournament Fees	\$131	\$113	\$243	
		For-Hire Trip Total			\$19,267	\$118,820
	Private Boat	Auto Fuel	\$9,290	\$4,016	\$13,306	
		Auto Rental	\$0	\$5,959	\$5,959	
		Bait	\$2,198	\$1,506	\$3,704	
		Boat Fuel	\$20,607	\$2,185	\$22,792	
		Boat Rental	\$0	\$8	\$8	
		Charter Fees	\$0	\$0	\$0	
		Fish Processing	\$765	\$2,743	\$3,508	
		Food from Grocery Stores	\$8,312	\$5,428	\$13,740	
		Food from Restaurants	\$4,339	\$4,376	\$8,715	
		Gifts & Souvenirs	\$121	\$9,536	\$9,657	
		Ice	\$854	\$735	\$1,590	
		Lodging	\$400	\$8,097	\$8,498	
		Parking & Site Access Fees	\$2,585	\$758	\$3,343	
		Public Transportation	\$35	\$11,872	\$11,907	
		Tournament Fees	\$19	\$6	\$25	
		Private Boat Trip Total			\$49,526	\$57,226
	Shore	Auto Fuel	\$2,042	\$650	\$2,692	
		Auto Rental	\$0	\$914	\$914	
		Bait	\$76	\$34	\$110	
		Boat Rental	\$0	\$53	\$53	
		Fish Processing	\$0	\$985	\$985	
		Food from Grocery Stores	\$684	\$1,757	\$2,441	
		Food from Restaurants	\$769	\$1,037	\$1,806	
		Gifts & Souvenirs	\$27	\$959	\$986	
		Ice	\$67	\$1	\$69	
		Lodging	\$173	\$921	\$1,094	
Parking & Site Access Fees		\$67	\$90	\$156		
Public Transportation		\$0	\$1,995	\$1,995		
Tournament Fees		\$0	\$0	\$0		
Shore Trip Total				\$3,904	\$9,396	\$13,301
ALL TRIP MODES TOTAL			\$72,697	\$185,442	\$258,140	

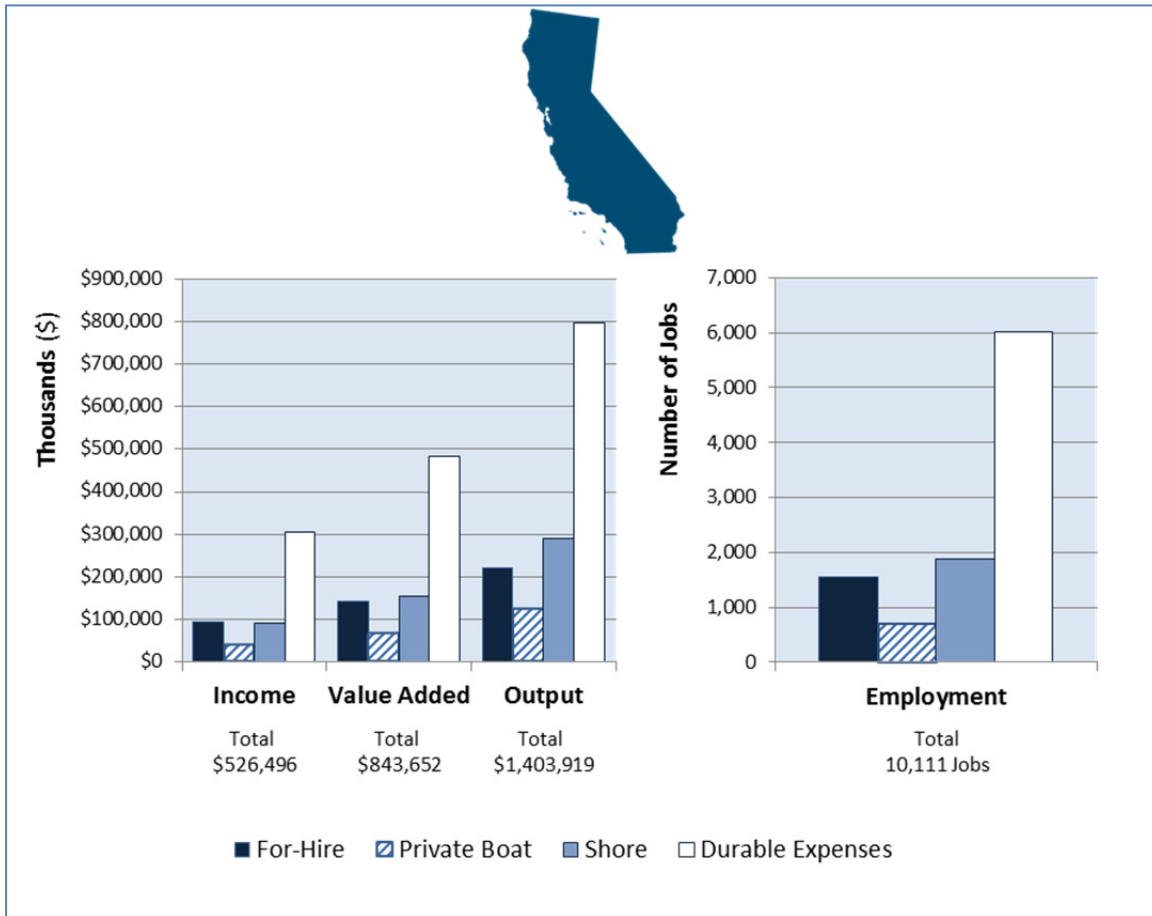
Table AK_4 Cont.:

Total Expenditures by Mode and Resident Status in Alaska, 2011 (\$1,000s)

Alaska		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$11,488	\$994	\$12,481
	Rods & Reels	\$10,740	\$58	\$10,798
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$0	\$0	\$0
	Camping Equipment	\$1,131	\$0	\$1,131
	Clothing	\$5,843	\$274	\$6,117
	Club Dues	\$52	\$0	\$52
	License Fees	\$952	\$9,249	\$10,201
	Magazine Subscriptions	\$703	\$27	\$730
	Taxidermy	\$1,758	\$460	\$2,217
	New Boat Purchase	\$12,502	\$26	\$12,527
	Used Boat Purchase	\$0	\$0	\$0
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$22,225	\$0	\$22,225
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$14,041	\$0	\$14,041
	Boat Maintenance	\$25,404	\$0	\$25,404
	Boat Registration	\$1,070	\$0	\$1,070
	Boat Storage	\$6,112	\$0	\$6,112
	Boat Purchase Fees	\$95	\$1	\$97
	New Vehicle Purchase	\$429	\$0	\$429
	Used Vehicle Purchase	\$297	\$0	\$297
	Vehicle Insurance	\$360	\$0	\$360
	Vehicle Maintenance	\$663	\$0	\$663
	Vehicle Registration	\$96	\$0	\$96
	Vehicle Purchase Fees	\$19	\$0	\$19
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$487	\$487
	Second Home Purchase Fees	\$0	\$1,663	\$1,663
	Real Estate Commissions	\$0	\$0	\$0
	Total Annual	\$115,981	\$13,238	\$129,219
TRIP AND DURABLE GRAND TOTAL		\$188,678	\$198,680	\$387,359

California

Figure CA_1. Total Economic Impacts Generated in California in 2011



Total angler expenditures on marine recreational fishing in California were \$923 million in 2011. Trip expenditures were \$388 million and expenditures on durable goods were \$535 million. Marine angling trip expenditures were 42% of total angling expenditures and durable good expenditures were the remaining 58%. For-hire fishing trip expenditures totaled \$122 million, private boat trip expenditures totaled \$78 million, and shore fishing trips totaled \$188 million. Mean trip expenditures by residents on for-hire fishing trips were \$217.85, \$123.90 on private boat trips, and \$70.21 for shore trips. Non-resident mean trip expenditures were \$397.32, \$191.83, and \$62.15 respectively. Residents spent \$361 million on trip expenses; \$99 million on for-hire trips, \$77 million on private boat trips, and \$186 million on shore trips. Non-residents spent \$27 million on trip expenses; \$23 million on for-hire trips, \$1.6 million on private boat trips, and \$2.3 million on shore trips. Resident spending on durable goods purchased in California totaled \$530 million; non-resident spending on durable goods totaled \$4.8 million. Marine recreational fishing in California contributed 10 thousand jobs to the state's economy, generated \$1.4 billion in output (sales), \$844 million to the state's gross domestic product, and \$526 million in income. Trip expenditures generated approximately 4.1 thousand jobs and durable expenses generated 6 thousand jobs. Marine angling trip expenditures supported 41% of total employment, and durable expenditures supported the remaining 59%.

Table CA_1. Total Economic Impacts Generated in California in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$121,968	1,541	\$93,987	\$142,238	\$220,188
	Private Boat	\$78,352	695	\$37,665	\$63,970	\$122,078
	Shore	\$187,849	1,871	\$90,993	\$153,195	\$290,755
	All Modes	\$388,168	4,108	\$222,645	\$359,403	\$633,021
Durable Expenses		\$535,224	6,003	\$303,851	\$484,249	\$797,898
Total Expenses		\$923,393	10,111	\$526,496	\$843,652	\$1,430,919

Table CA_2. Federal and State Tax Impacts Generated in California in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$2,289	\$0	\$85,684	\$21,202	\$11,330	\$120,505
Federal Tax	\$51,223	\$3,486	\$13,461	\$45,624	\$10,517	\$124,311
Total	\$53,512	\$3,486	\$99,145	\$66,826	\$21,847	\$244,816

Table CA_3:
Mean Expenditures by Mode and Resident Status in California, 2011

California			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$27.69	\$53.15	\$30.90
		Auto Rental	\$0.63	\$29.30	\$4.19
		Bait	\$4.83	\$2.21	\$4.50
		Boat Rental	\$2.05	\$2.07	\$2.05
		Charter Fees	\$111.78	\$142.74	\$115.73
		Crew Tips	\$17.45	\$14.08	\$17.03
		Fish Processing	\$0.11	\$0.11	\$0.11
		Food from Grocery Stores	\$18.10	\$27.02	\$19.23
		Food from Restaurants	\$17.13	\$28.95	\$18.57
		Gifts & Souvenirs	\$2.00	\$31.32	\$5.64
		Ice	\$2.29	\$2.13	\$2.27
		Lodging	\$4.74	\$34.77	\$8.35
		Parking & Site Access	\$4.11	\$9.51	\$4.77
		Public Transportation	\$0.00	\$17.94	\$2.18
		Tournament Fees	\$4.68	\$2.03	\$4.36
		Trip Total		\$217.85	\$397.32
	Private Boat	Auto Fuel	\$29.52	\$52.69	\$30.84
		Auto Rental	\$0.04	\$13.22	\$0.79
		Bait	\$16.84	\$9.97	\$16.45
		Boat Fuel	\$35.26	\$19.76	\$34.40
		Boat Rental	\$0.89	\$2.33	\$0.97
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$20.99	\$21.04	\$20.99
		Food from Restaurants	\$8.16	\$21.77	\$8.94
		Gifts & Souvenirs	\$0.22	\$4.47	\$0.46
		Ice	\$3.69	\$2.89	\$3.64
		Lodging	\$1.77	\$19.90	\$2.83
		Parking & Site Access	\$6.15	\$3.40	\$5.99
		Public Transportation	\$0.00	\$20.13	\$1.14
		Tournament Fees	\$0.38	\$0.25	\$0.37
		Trip Total		\$123.90	\$191.83
	Shore	Auto Fuel	\$20.23	\$18.57	\$20.20
		Auto Rental	\$0.00	\$1.10	\$0.02
		Bait	\$13.19	\$5.43	\$13.05
		Boat Rental	\$0.07	\$0.16	\$0.07
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$20.43	\$8.78	\$20.23
		Food from Restaurants	\$6.92	\$10.64	\$6.99
		Gifts & Souvenirs	\$1.14	\$5.96	\$1.23
		Ice	\$1.71	\$1.46	\$1.70
		Lodging	\$3.85	\$9.06	\$3.94
Parking & Site Access		\$2.57	\$0.41	\$2.53	
Public Transportation		\$0.00	\$0.53	\$0.01	
Tournament Fees		\$0.09	\$0.06	\$0.09	
Trip Total			\$70.21	\$62.15	\$70.08

Table CA_3 Cont.:
Mean Expenditures by Mode and Resident Status in California, 2011

California		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$95.82	\$14.03	\$88.39
	Rods & Reels	\$128.48	\$19.84	\$118.36
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$3.87	\$0.00	\$3.51
	Camping Equipment	\$11.31	\$1.88	\$10.40
	Clothing	\$32.28	\$3.47	\$29.65
	Club Dues	\$6.16	\$0.36	\$5.63
	License Fees	\$33.72	\$21.49	\$32.60
	Magazine Subscriptions	\$5.38	\$0.51	\$4.91
	Taxidermy	\$1.33	\$0.00	\$1.20
	New Boat Purchase	\$36.83	\$0.00	\$33.30
	Used Boat Purchase	\$2.37	\$0.00	\$2.14
	New Canoe Purchase	\$1.11	\$0.00	\$1.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$21.15	\$0.06	\$19.12
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$22.83	\$0.00	\$20.63
	Boat Maintenance	\$47.66	\$0.00	\$43.06
	Boat Registration	\$5.95	\$0.00	\$5.37
	Boat Storage	\$83.34	\$0.09	\$75.30
	Boat Purchase Fees	\$1.47	\$0.00	\$1.33
	New Vehicle Purchase	\$32.82	\$0.00	\$29.69
	Used Vehicle Purchase	\$32.25	\$0.00	\$29.18
	Vehicle Insurance	\$24.27	\$0.00	\$22.03
	Vehicle Maintenance	\$8.36	\$0.00	\$7.58
	Vehicle Registration	\$7.67	\$0.00	\$6.96
	Vehicle Purchase Fees	\$5.31	\$0.00	\$4.80
	New Home Purchase	\$4.06	\$0.00	\$3.67
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.05	\$0.00	\$0.05
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$655.86	\$61.73	\$599.86

Table CA_4:

Total Expenditures by Mode and Resident Status in California, 2011 (\$1,000s)

California			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trip	For-Hire	Auto Fuel	\$12,552	\$3,106	\$15,658
		Auto Rental	\$286	\$1,712	\$1,998
		Bait	\$2,190	\$129	\$2,319
		Boat Rental	\$929	\$121	\$1,050
		Charter Fees	\$50,672	\$8,341	\$59,012
		Crew Tips	\$7,910	\$823	\$8,733
		Fish Processing	\$50	\$6	\$56
		Food from Grocery Stores	\$8,205	\$1,579	\$9,784
		Food from Restaurants	\$7,765	\$1,692	\$9,457
		Gifts & Souvenirs	\$907	\$1,830	\$2,737
		Ice	\$1,038	\$124	\$1,163
		Lodging	\$2,149	\$2,032	\$4,180
		Parking & Site Access Fees	\$1,863	\$556	\$2,419
		Public Transportation	\$0	\$1,048	\$1,048
		Tournament Fees	\$2,122	\$119	\$2,240
		For-Hire Trip Total		\$98,751	\$23,217
	Private Boat	Auto Fuel	\$18,282	\$444	\$18,725
		Auto Rental	\$25	\$111	\$136
		Bait	\$10,429	\$84	\$10,513
		Boat Fuel	\$21,836	\$166	\$22,003
		Boat Rental	\$551	\$20	\$571
		Charter Fees	\$0	\$0	\$0
		Fish Processing	\$0	\$0	\$0
		Food from Grocery Stores	\$12,999	\$177	\$13,176
		Food from Restaurants	\$5,053	\$183	\$5,237
		Gifts & Souvenirs	\$136	\$38	\$174
		Ice	\$2,285	\$24	\$2,310
		Lodging	\$1,096	\$168	\$1,264
		Parking & Site Access Fees	\$3,809	\$29	\$3,837
		Public Transportation	\$0	\$169	\$169
		Tournament Fees	\$235	\$2	\$237
		Private Boat Trip Total		\$76,737	\$1,615
	Shore	Auto Fuel	\$53,483	\$674	\$54,157
		Auto Rental	\$0	\$40	\$40
		Bait	\$34,871	\$197	\$35,068
		Boat Rental	\$185	\$6	\$191
		Fish Processing	\$0	\$0	\$0
		Food from Grocery Stores	\$54,012	\$319	\$54,331
		Food from Restaurants	\$18,295	\$386	\$18,681
		Gifts & Souvenirs	\$3,014	\$216	\$3,230
		Ice	\$4,521	\$53	\$4,574
		Lodging	\$10,178	\$329	\$10,507
Parking & Site Access Fees		\$6,794	\$15	\$6,809	
Public Transportation		\$0	\$19	\$19	
Tournament Fees		\$238	\$2	\$240	
Shore Trip Total			\$185,592	\$2,256	\$187,849
ALL TRIP MODES TOTAL			\$361,080	\$27,088	\$388,169

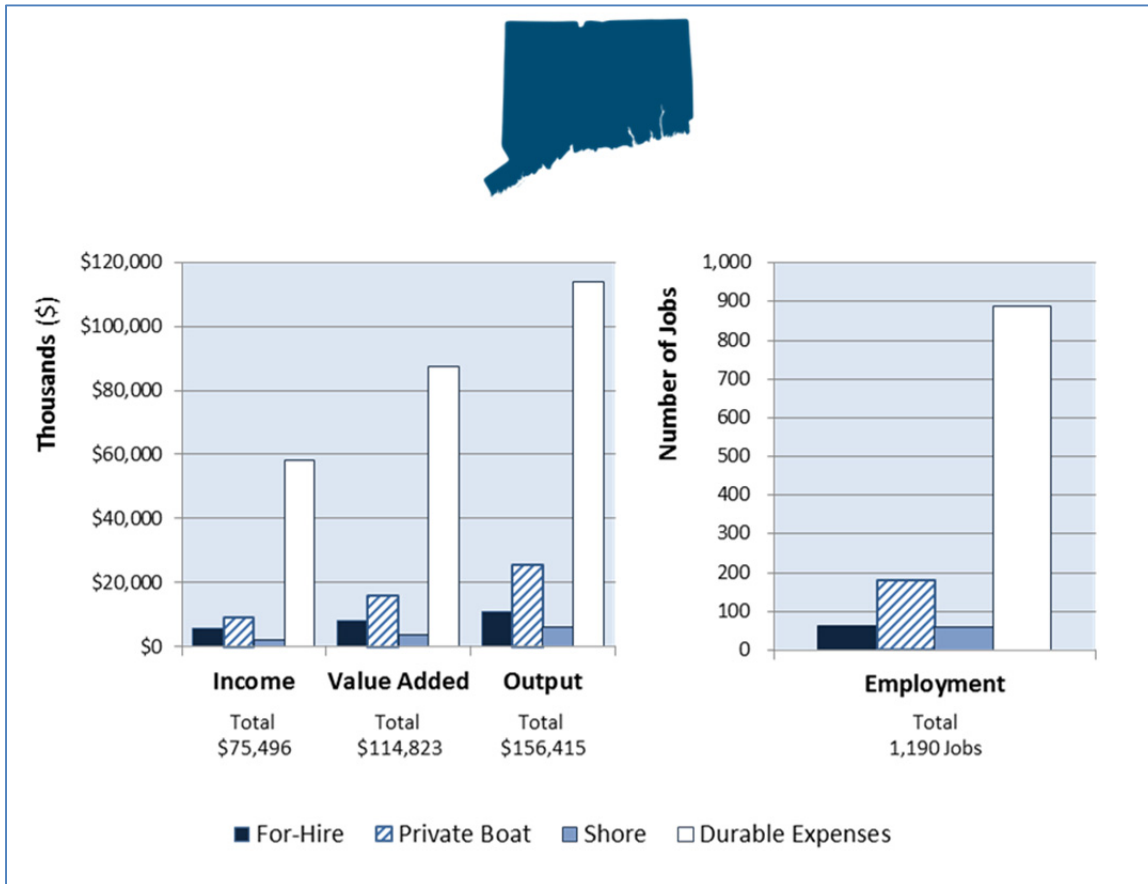
Table CA_4 Cont.:

Total Expenditures by Mode and Resident Status in California, 2011 (\$1,000s)

California		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$77,490	\$1,098	\$78,589
	Rods & Reels	\$103,903	\$1,553	\$105,456
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$3,130	\$0	\$3,130
	Camping Equipment	\$9,146	\$147	\$9,294
	Clothing	\$26,105	\$272	\$26,377
	Club Dues	\$4,982	\$28	\$5,010
	License Fees	\$27,270	\$1,683	\$28,952
	Magazine Subscriptions	\$4,351	\$40	\$4,391
	Taxidermy	\$1,076	\$0	\$1,076
	New Boat Purchase	\$29,785	\$0	\$29,785
	Used Boat Purchase	\$1,917	\$0	\$1,917
	New Canoe Purchase	\$898	\$0	\$898
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$17,104	\$5	\$17,109
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$18,463	\$0	\$18,463
	Boat Maintenance	\$38,543	\$0	\$38,543
	Boat Registration	\$4,812	\$0	\$4,812
	Boat Storage	\$67,398	\$7	\$67,405
	Boat Purchase Fees	\$1,189	\$0	\$1,189
	New Vehicle Purchase	\$26,542	\$0	\$26,542
	Used Vehicle Purchase	\$26,081	\$0	\$26,081
	Vehicle Insurance	\$19,627	\$0	\$19,627
	Vehicle Maintenance	\$6,761	\$0	\$6,761
	Vehicle Registration	\$6,203	\$0	\$6,203
	Vehicle Purchase Fees	\$4,294	\$0	\$4,294
	New Home Purchase	\$3,283	\$0	\$3,283
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$40	\$0	\$40
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
	Total Annual	\$530,391	\$4,833	\$535,224
TRIP AND DURABLE GRAND TOTAL		\$891,471	\$31,921	\$923,393

Connecticut

Figure CT_1. Total Economic Impacts Generated in Connecticut in 2011



Total angler expenditures on marine recreational fishing in Connecticut were \$126 million in 2011. Trip expenditures were \$36 million and expenditures on durable goods were \$91 million. Marine angling trip expenditures were 28% of total angling expenditures and durable good expenditures were the remaining 72%. For-hire fishing trip expenditures totaled \$6.9 million, private boat trip expenditures totaled \$24 million, and shore fishing trips totaled \$5 million. Mean trip expenditures by residents on for-hire fishing trips were \$164.96, \$30.51 on private boat trips, and \$18.27 for shore trips. Non-resident mean trip expenditures were \$144.57, \$28.29, and \$12.70 respectively. Residents spent \$31 million on trip expenses; \$5.4 million on for-hire trips, \$21 million on private boat trips, and \$4.9 million on shore trips. Non-residents spent \$4.2 million on trip expenses; \$1.5 million on for-hire trips, \$2.6 million on private boat trips, and \$158 thousand on shore trips. Resident spending on durable goods purchased in Connecticut totaled \$91 million; non-resident spending on durable goods was not estimated due to sample sizes of less than 3 anglers. Marine recreational fishing in Connecticut contributed 1.2 thousand jobs to the state's economy, generated \$156 million in output (sales), \$115 million to the state's gross domestic product, and \$75 million in income. Trip expenditures generated approximately 301 jobs and durable expenses generated 889 jobs. Marine angling trip expenditures supported 25% of total employment, and durable expenditures supported the remaining 75%.

Table CT_1. Total Economic Impacts Generated in Connecticut in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$6,902	63	\$5,751	\$8,204	\$10,807
	Private Boat	\$23,751	180	\$9,198	\$15,755	\$25,641
	Shore	\$5,032	58	\$2,178	\$3,518	\$6,126
	All Modes	\$35,685	301	\$17,127	\$27,477	\$42,574
Durable Expenses		\$90,671	889	\$58,369	\$87,346	\$113,841
Total Expenses		\$126,356	1,190	\$75,496	\$114,823	\$156,415

Table CT_2. Federal and State Tax Impacts Generated in Connecticut in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$94	\$0	\$11,320	\$2,673	\$663	\$14,750
Federal Tax	\$7,099	\$302	\$1,740	\$9,670	\$1,268	\$20,078
Total	\$7,193	\$302	\$13,060	\$12,342	\$1,931	\$34,828

**Table CT_3:
Mean Expenditures by Mode and Resident Status in Connecticut, 2011**

Connecticut			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trips	For-Hire	Auto Fuel	\$10.94	\$14.25	\$11.42	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$0.00	\$0.00	\$0.00	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$138.63	\$113.99	\$135.04	
		Crew Tips	\$10.46	\$6.42	\$9.86	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$4.81	\$9.55	\$5.50	
		Food from Restaurants	\$0.00	\$0.35	\$0.05	
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00	
		Ice	\$0.13	\$0.01	\$0.11	
		Lodging	\$0.00	\$0.00	\$0.00	
		Parking & Site Access	\$0.00	\$0.00	\$0.00	
		Public Transportation	\$0.00	\$0.00	\$0.00	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total		\$164.96	\$144.57	\$161.98
		Private Boat	Auto Fuel	\$11.09	\$17.16	\$11.73
	Auto Rental		\$0.00	\$0.00	\$0.00	
	Bait		\$4.69	\$1.28	\$4.33	
	Boat Fuel		\$11.28	\$5.02	\$10.73	
	Boat Rental		\$0.00	\$0.00	\$0.00	
	Charter Fees		\$0.00	\$0.00	\$0.00	
	Fish Processing		\$0.00	\$0.00	\$0.00	
	Food from Grocery Stores		\$3.05	\$1.95	\$2.94	
	Food from Restaurants		\$0.00	\$0.00	\$0.00	
	Gifts & Souvenirs		\$0.00	\$0.00	\$0.00	
	Ice		\$0.38	\$0.26	\$0.36	
	Lodging		\$0.00	\$2.63	\$0.28	
	Parking & Site Access		\$0.02	\$0.00	\$0.02	
	Public Transportation		\$0.00	\$0.00	\$0.00	
	Tournament Fees		\$0.00	\$0.00	\$0.00	
	Trip Total			\$30.51	\$28.29	\$30.39
	Shore		Auto Fuel	\$8.84	\$8.45	\$8.82
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$6.77	\$4.25	\$6.65	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$2.39	\$0.00	\$2.27	
		Food from Restaurants	\$0.00	\$0.00	\$0.00	
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00	
		Ice	\$0.27	\$0.00	\$0.26	
		Lodging	\$0.00	\$0.00	\$0.00	
		Parking & Site Access	\$0.00	\$0.00	\$0.00	
		Public Transportation	\$0.00	\$0.00	\$0.00	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
Trip Total			\$18.27	\$12.70	\$17.99	

Table CT_3 Cont.:
Mean Expenditures by Mode and Resident Status in Connecticut, 2011

Connecticut		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$24.76	.	.
	Rods & Reels	\$31.22	.	.
	Spearfishing Gear	\$0.00	.	.
	Binoculars	\$0.00	.	.
	Camping Equipment	\$0.00	.	.
	Clothing	\$0.44	.	.
	Club Dues	\$0.00	.	.
	License Fees	\$10.38	.	.
	Magazine Subscriptions	\$0.03	.	.
	Taxidermy	\$0.00	.	.
	New Boat Purchase	\$0.00	.	.
	Used Boat Purchase	\$0.00	.	.
	New Canoe Purchase	\$0.00	.	.
	Used Canoe Purchase	\$0.00	.	.
	New Accessory Purchase	\$0.00	.	.
	Used Accessory Purchase	\$0.00	.	.
	Boat Insurance	\$120.61	.	.
	Boat Maintenance	\$89.66	.	.
	Boat Registration	\$39.19	.	.
	Boat Storage	\$0.54	.	.
	Boat Purchase Fees	\$0.00	.	.
	New Vehicle Purchase	\$0.00	.	.
	Used Vehicle Purchase	\$0.00	.	.
	Vehicle Insurance	\$0.00	.	.
	Vehicle Maintenance	\$0.00	.	.
	Vehicle Registration	\$0.00	.	.
	Vehicle Purchase Fees	\$0.00	.	.
	New Home Purchase	\$0.00	.	.
	Second Home Insurance	\$0.00	.	.
	Second Home Maintenance	\$0.00	.	.
	Second Home Property Taxes	\$0.00	.	.
	Second Home Purchase Fees	\$0.00	.	.
	Real Estate Commissions	\$0.00	.	.
Total Annual	\$316.82	.	.	

Table CT_4:

Total Expenditures by Mode and Resident Status in Connecticut, 2011 (\$1,000s)

Connecticut			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$357	\$150	\$507	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$0	\$0	\$0	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$4,520	\$1,201	\$5,721	
		Crew Tips	\$341	\$68	\$409	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$157	\$101	\$257	
		Food from Restaurants	\$0	\$4	\$4	
		Gifts & Souvenirs	\$0	\$0	\$0	
		Ice	\$4	\$0	\$4	
		Lodging	\$0	\$0	\$0	
		Parking & Site Access Fees	\$0	\$0	\$0	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total			\$5,379	\$1,523
	Private Boat	Auto Fuel	\$7,704	\$1,550	\$9,254	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$3,258	\$116	\$3,374	
		Boat Fuel	\$7,836	\$453	\$8,289	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$2,119	\$176	\$2,295	
		Food from Restaurants	\$0	\$0	\$0	
		Gifts & Souvenirs	\$0	\$0	\$0	
		Ice	\$264	\$23	\$287	
		Lodging	\$0	\$238	\$238	
		Parking & Site Access Fees	\$14	\$0	\$14	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
		Private Boat Trip Total			\$21,195	\$2,556
	Shore	Auto Fuel	\$2,358	\$105	\$2,463	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$1,806	\$53	\$1,859	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$638	\$0	\$638	
		Food from Restaurants	\$0	\$0	\$0	
		Gifts & Souvenirs	\$0	\$0	\$0	
		Ice	\$72	\$0	\$72	
		Lodging	\$0	\$0	\$0	
Parking & Site Access Fees		\$0	\$0	\$0		
Public Transportation		\$0	\$0	\$0		
Tournament Fees		\$0	\$0	\$0		
Shore Trip Total				\$4,874	\$158	\$5,032
ALL TRIP MODES TOTAL			\$31,448	\$4,237	\$35,685	

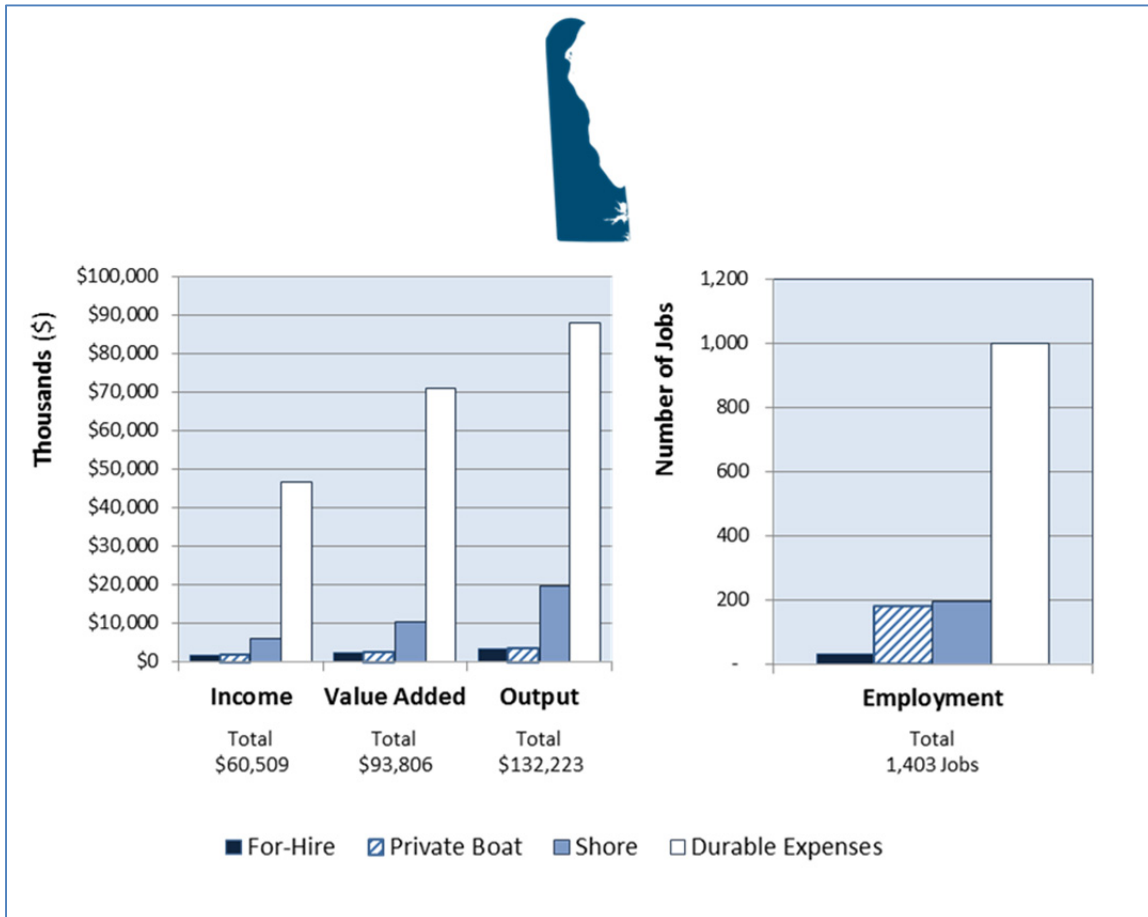
Table CT_4 Cont.:

Total Expenditures by Mode and Resident Status in Connecticut, 2011 (\$1,000s)

Connecticut		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$7,086	.	.
	Rods & Reels	\$8,935	.	.
	Spearfishing Gear	\$0	.	.
	Binoculars	\$0	.	.
	Camping Equipment	\$0	.	.
	Clothing	\$126	.	.
	Club Dues	\$0	.	.
	License Fees	\$2,971	.	.
	Magazine Subscriptions	\$9	.	.
	Taxidermy	\$0	.	.
	New Boat Purchase	\$0	.	.
	Used Boat Purchase	\$0	.	.
	New Canoe Purchase	\$0	.	.
	Used Canoe Purchase	\$0	.	.
	New Accessory Purchase	\$0	.	.
	Used Accessory Purchase	\$0	.	.
	Boat Insurance	\$34,516	.	.
	Boat Maintenance	\$25,659	.	.
	Boat Registration	\$11,215	.	.
	Boat Storage	\$155	.	.
	Boat Purchase Fees	\$0	.	.
	New Vehicle Purchase	\$0	.	.
	Used Vehicle Purchase	\$0	.	.
	Vehicle Insurance	\$0	.	.
	Vehicle Maintenance	\$0	.	.
	Vehicle Registration	\$0	.	.
	Vehicle Purchase Fees	\$0	.	.
	New Home Purchase	\$0	.	.
	Second Home Insurance	\$0	.	.
	Second Home Maintenance	\$0	.	.
	Second Home Property Taxes	\$0	.	.
	Second Home Purchase Fees	\$0	.	.
	Real Estate Commissions	\$0	.	.
Total Annual		\$90,671	.	.
TRIP AND DURABLE GRAND TOTAL		\$122,119	\$4,237	\$126,356

Delaware

Figure DE_1. Total Economic Impacts Generated in Delaware in 2011



Total angler expenditures on marine recreational fishing in Delaware were \$132 million in 2011. Trip expenditures were \$37 million and expenditures on durable goods were \$95 million. Marine angling trip expenditures were 28% of total angling expenditures and durable good expenditures were the remaining 72%. For-hire fishing trip expenditures totaled \$2.4 million, private boat trip expenditures totaled \$19 million, and shore fishing trips totaled \$16 million. Mean trip expenditures by residents on for-hire fishing trips were \$118.63, \$37.60 on private boat trips, and \$29.36 for shore trips. Non-resident mean trip expenditures were \$189.85, \$40.70, and \$69.07 respectively. Residents spent \$19 million on trip expenses; \$461 thousand on for-hire trips, \$12 million on private boat trips, and \$6.9 million on shore trips. Non-residents spent \$18 million on trip expenses; \$1.9 million on for-hire trips, \$6.7 million on private boat trips, and \$9.1 million on shore trips. Resident spending on durable goods purchased in Delaware totaled \$67 million; non-resident spending on durable goods totaled \$29 million. Marine recreational fishing in Delaware contributed 1.4 thousand jobs to the state's economy, generated \$132 million in output (sales), \$94 million to the state's gross domestic product, and \$61 million in income. Trip expenditures generated approximately 404 jobs and durable expenses generated 999 jobs. Marine angling trip expenditures supported 29% of total employment, and durable expenditures supported the remaining 71%.

Table DE_1. Total Economic Impacts Generated in Delaware in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$2,367	31	\$1,571	\$2,331	\$3,443
	Private Boat	\$18,696	176	\$6,036	\$10,345	\$20,925
	Shore	\$15,998	197	\$6,123	\$10,221	\$19,788
	All Modes	\$37,061	404	\$13,729	\$22,897	\$44,156
Durable Expenses		\$95,127	999	\$46,780	\$70,909	\$88,066
Total Expenses		\$132,188	1,403	\$60,509	\$93,806	\$132,223

Table DE_2. Federal and State Tax Impacts Generated in Delaware in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$46	\$0	\$11,036	\$1,749	\$833	\$13,664
Federal Tax	\$6,109	\$250	\$1,494	\$4,230	\$998	\$13,080
Total	\$6,155	\$250	\$12,530	\$5,979	\$1,831	\$26,745

**Table DE_3:
Mean Expenditures by Mode and Resident Status in Delaware, 2011**

Delaware		Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$14.54	\$39.50	\$31.91
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$0.24	\$0.08	\$0.12
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$77.20	\$83.51	\$81.69
		Crew Tips	\$12.01	\$12.52	\$12.37
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$10.38	\$10.28	\$10.31
		Food from Restaurants	\$3.28	\$13.08	\$10.22
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$0.95	\$0.26	\$0.46
		Lodging	\$0.00	\$30.61	\$21.73
		Parking & Site Access	\$0.03	\$0.01	\$0.01
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$118.63	\$189.85
	Private Boat	Auto Fuel	\$11.40	\$15.33	\$12.69
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$6.44	\$4.60	\$5.83
		Boat Fuel	\$12.10	\$6.70	\$10.33
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$5.73	\$6.67	\$6.04
		Food from Restaurants	\$0.49	\$3.04	\$1.32
		Gifts & Souvenirs	\$0.00	\$0.02	\$0.01
		Ice	\$1.45	\$0.75	\$1.22
		Lodging	\$0.00	\$3.57	\$1.16
		Parking & Site Access	\$0.00	\$0.02	\$0.01
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$37.60	\$40.70
	Shore	Auto Fuel	\$10.51	\$23.64	\$14.61
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$7.62	\$6.27	\$7.20
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$6.01	\$11.66	\$7.79
		Food from Restaurants	\$2.84	\$10.78	\$5.33
		Gifts & Souvenirs	\$0.02	\$1.69	\$0.54
		Ice	\$1.17	\$1.02	\$1.12
		Lodging	\$1.08	\$12.98	\$4.79
Parking & Site Access		\$0.11	\$1.03	\$0.40	
Public Transportation		\$0.00	\$0.00	\$0.00	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$29.36	\$69.07	\$41.78

Table DE_3 Cont.:
Mean Expenditures by Mode and Resident Status in Delaware, 2011

Delaware		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$88.94	\$48.64	\$75.91
	Rods & Reels	\$80.25	\$16.28	\$60.10
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$1.42	\$0.00	\$0.93
	Camping Equipment	\$18.39	\$0.68	\$12.41
	Clothing	\$5.65	\$11.95	\$7.80
	Club Dues	\$0.01	\$0.14	\$0.05
	License Fees	\$19.37	\$26.58	\$21.78
	Magazine Subscriptions	\$2.41	\$0.28	\$1.50
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$53.56	\$38.92	\$48.31
	Used Boat Purchase	\$24.87	\$0.00	\$15.96
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$19.68	\$0.00	\$12.67
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$12.54	\$0.16	\$8.16
	Boat Maintenance	\$32.99	\$12.84	\$25.68
	Boat Registration	\$7.08	\$1.93	\$5.25
	Boat Storage	\$0.06	\$1.21	\$0.48
	Boat Purchase Fees	\$7.38	\$1.84	\$5.40
	New Vehicle Purchase	\$8.17	\$0.06	\$5.40
	Used Vehicle Purchase	\$135.95	\$0.00	\$89.46
	Vehicle Insurance	\$8.51	\$0.00	\$5.53
	Vehicle Maintenance	\$1.05	\$0.00	\$0.69
	Vehicle Registration	\$0.11	\$0.00	\$0.07
	Vehicle Purchase Fees	\$37.15	\$0.00	\$24.45
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.76	\$1.02	\$0.85
	Second Home Purchase Fees	\$5.29	\$7.08	\$5.90
	Real Estate Commissions	\$10.53	\$14.10	\$11.75
	Total Annual	\$582.12	\$183.70	\$446.48

Table DE_4:

Total Expenditures by Mode and Resident Status in Delaware, 2011 (\$1,000s)

Delaware			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$57	\$397	\$453	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$1	\$1	\$2	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$300	\$838	\$1,138	
		Crew Tips	\$47	\$126	\$172	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$40	\$103	\$144	
		Food from Restaurants	\$13	\$131	\$144	
		Gifts & Souvenirs	\$0	\$0	\$0	
		Ice	\$4	\$3	\$6	
		Lodging	\$0	\$307	\$307	
		Parking & Site Access Fees	\$0	\$0	\$0	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total			\$461	\$1,906
	Private Boat	Auto Fuel	\$3,651	\$2,505	\$6,156	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$2,063	\$752	\$2,814	
		Boat Fuel	\$3,876	\$1,095	\$4,970	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$1,835	\$1,090	\$2,925	
		Food from Restaurants	\$157	\$497	\$654	
		Gifts & Souvenirs	\$0	\$3	\$3	
		Ice	\$464	\$123	\$587	
		Lodging	\$0	\$583	\$583	
		Parking & Site Access Fees	\$0	\$3	\$3	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
		Private Boat Trip Total			\$12,047	\$6,650
	Shore	Auto Fuel	\$2,454	\$3,129	\$5,583	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$1,779	\$830	\$2,609	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$1,403	\$1,543	\$2,947	
		Food from Restaurants	\$663	\$1,427	\$2,090	
		Gifts & Souvenirs	\$5	\$224	\$228	
		Ice	\$273	\$135	\$408	
		Lodging	\$252	\$1,718	\$1,970	
Parking & Site Access Fees		\$26	\$136	\$162		
Public Transportation		\$0	\$0	\$0		
Tournament Fees		\$0	\$0	\$0		
Shore Trip Total				\$6,856	\$9,142	\$15,998
ALL TRIP MODES TOTAL			\$19,364	\$17,698	\$37,061	

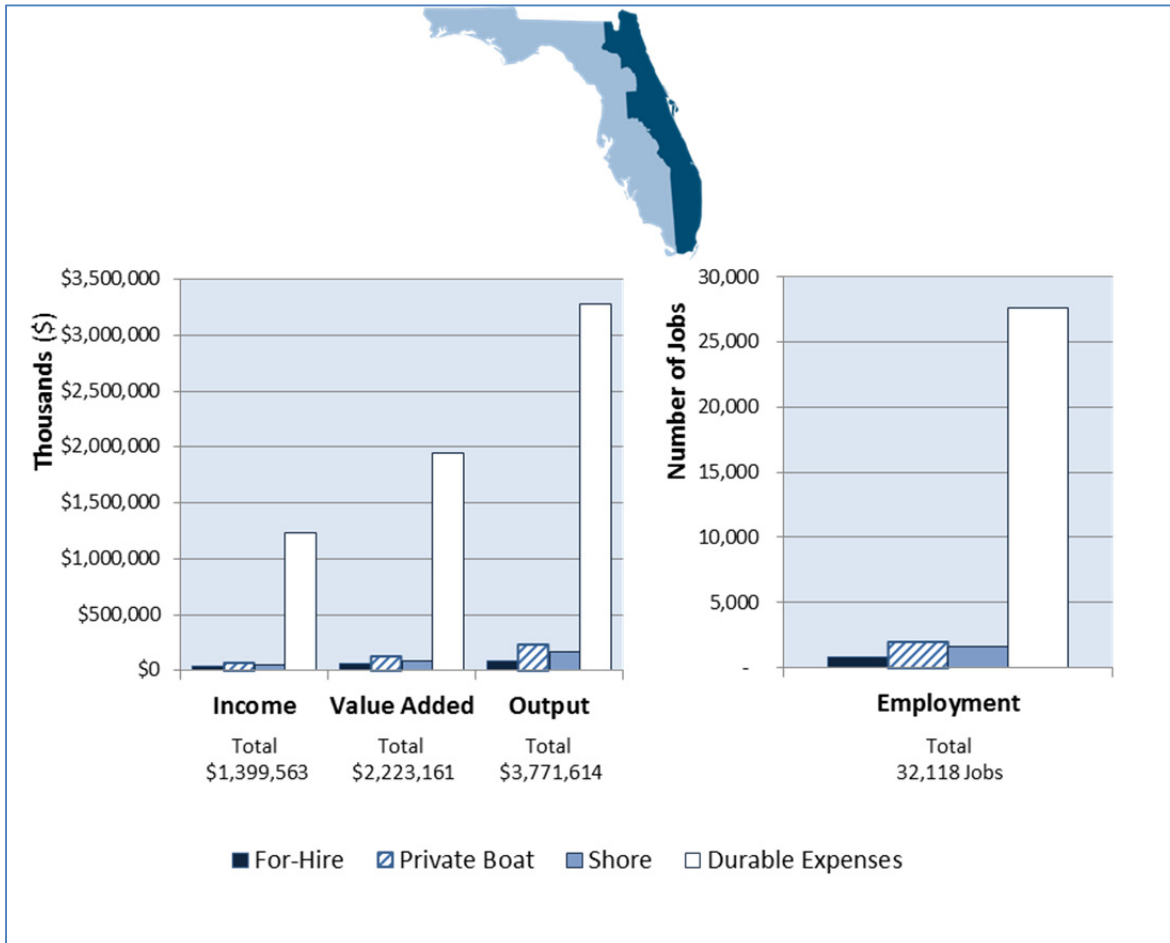
Table DE_4 Cont.:

Total Expenditures by Mode and Resident Status in Delaware, 2011 (\$1,000s)

Delaware		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$10,170	\$7,562	\$17,732
	Rods & Reels	\$9,177	\$2,531	\$11,708
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$162	\$0	\$162
	Camping Equipment	\$2,103	\$106	\$2,209
	Clothing	\$646	\$1,858	\$2,504
	Club Dues	\$1	\$22	\$23
	License Fees	\$2,215	\$4,132	\$6,347
	Magazine Subscriptions	\$276	\$44	\$319
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$6,125	\$6,051	\$12,175
	Used Boat Purchase	\$2,844	\$0	\$2,844
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$2,250	\$0	\$2,250
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$1,434	\$25	\$1,459
	Boat Maintenance	\$3,772	\$1,996	\$5,769
	Boat Registration	\$810	\$300	\$1,110
	Boat Storage	\$7	\$188	\$195
	Boat Purchase Fees	\$844	\$286	\$1,130
	New Vehicle Purchase	\$934	\$9	\$944
	Used Vehicle Purchase	\$15,546	\$0	\$15,546
	Vehicle Insurance	\$973	\$0	\$973
	Vehicle Maintenance	\$120	\$0	\$120
	Vehicle Registration	\$13	\$0	\$13
	Vehicle Purchase Fees	\$4,248	\$0	\$4,248
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$87	\$159	\$245
	Second Home Purchase Fees	\$605	\$1,101	\$1,706
Real Estate Commissions	\$1,204	\$2,192	\$3,396	
	Total Annual	\$66,567	\$28,560	\$95,127
TRIP AND DURABLE GRAND TOTAL		\$85,931	\$46,258	\$132,188

East Florida

Figure EFL_1. Total Economic Impacts Generated in East Florida in 2011



Total angler expenditures on marine recreational fishing in East Florida were \$3.8 billion in 2011. Trip expenditures were \$355 million and expenditures on durable goods were \$3.5 billion. Marine angling trip expenditures were 9% of total angling expenditures and durable good expenditures were the remaining 91%. For-hire fishing trip expenditures totaled \$51 million, private boat trip expenditures totaled \$188 million, and shore fishing trips totaled \$117 million. Mean trip expenditures by residents on for-hire fishing trips were \$171.51, \$39.32 on private boat trips, and \$19.30 for shore trips. Non-resident mean trip expenditures were \$532.74, \$49.80, and \$77.84 respectively. Residents spent \$246 million on trip expenses; \$5.3 million on for-hire trips, \$175 million on private boat trips, and \$66 million on shore trips. Non-residents spent \$110 million on trip expenses; \$45 million on for-hire trips, \$14 million on private boat trips, and \$51 million on shore trips. Resident spending on durable goods purchased in East Florida totaled \$3.4 billion; non-resident spending on durable goods totaled \$114 million. Marine recreational fishing in East Florida contributed 32 thousand jobs to the state's economy, generated \$3.8 billion in output (sales), \$2.2 billion to the state's gross domestic product, and \$1.4 billion in income. Trip expenditures generated approximately 4.5 thousand jobs and durable expenses generated 28 thousand jobs. Marine angling trip expenditures supported 14% of total employment, and durable expenditures supported the remaining 86%.

Table EFL_1. Total Economic Impacts Generated in East Florida in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$50,723	781	\$37,583	\$57,987	\$88,105
	Private Boat	\$188,133	2,082	\$75,605	\$131,040	\$232,760
	Shore	\$116,582	1,615	\$55,127	\$92,769	\$167,433
	All Modes	\$355,438	4,478	\$168,316	\$281,796	\$488,298
Durable Expenses		\$3,488,001	27,640	\$1,231,247	\$1,941,365	\$3,283,316
Total Expenses		\$3,843,439	32,118	\$1,399,563	\$2,223,161	\$3,771,614

Table EFL_2. Federal and State Tax Impacts Generated in East Florida in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$2,423	\$0	\$254,821	\$7,210	\$14,511	\$278,965
Federal Tax	\$147,779	\$7,000	\$27,185	\$112,288	\$21,793	\$316,044
Total	\$150,202	\$7,000	\$282,006	\$119,498	\$36,304	\$595,009

**Table
EFL_3:
Mean Expenditures by Mode and Resident Status in East Florida, 2011**

East Florida			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trips	For-Hire	Auto Fuel	\$14.02	\$67.88	\$49.70	
		Auto Rental	\$0.00	\$36.17	\$24.04	
		Bait	\$0.00	\$0.00	\$0.00	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$132.23	\$203.02	\$179.12	
		Crew Tips	\$14.69	\$51.34	\$38.96	
		Fish Processing	\$0.00	\$6.55	\$4.34	
		Food from Grocery Stores	\$4.85	\$13.59	\$10.66	
		Food from Restaurants	\$5.72	\$23.59	\$17.56	
		Gifts & Souvenirs	\$0.00	\$14.19	\$9.44	
		Ice	\$0.00	\$0.00	\$0.00	
		Lodging	\$0.00	\$80.60	\$53.39	
		Parking & Site Access	\$0.00	\$2.07	\$1.37	
		Public Transportation	\$0.00	\$33.75	\$22.44	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$171.51	\$532.74
	Private Boat	Auto Fuel	\$9.67	\$14.94	\$9.79	
		Auto Rental	\$0.00	\$0.45	\$0.01	
		Bait	\$5.02	\$2.98	\$4.97	
		Boat Fuel	\$16.32	\$3.89	\$16.04	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$5.39	\$4.24	\$5.36	
		Food from Restaurants	\$1.14	\$9.47	\$1.32	
		Gifts & Souvenirs	\$0.00	\$0.32	\$0.01	
		Ice	\$1.21	\$0.48	\$1.19	
		Lodging	\$0.00	\$11.21	\$0.25	
		Parking & Site Access	\$0.58	\$0.02	\$0.57	
		Public Transportation	\$0.00	\$1.81	\$0.04	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$39.32	\$49.80
	Shore	Auto Fuel	\$8.02	\$23.48	\$9.92	
		Auto Rental	\$0.00	\$6.24	\$0.77	
		Bait	\$4.10	\$3.43	\$4.01	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$3.43	\$6.14	\$3.77	
		Food from Restaurants	\$1.83	\$10.47	\$2.90	
		Gifts & Souvenirs	\$0.00	\$3.27	\$0.40	
		Ice	\$0.36	\$0.26	\$0.35	
		Lodging	\$0.01	\$15.44	\$1.91	
Parking & Site Access		\$1.56	\$1.21	\$1.52		
Public Transportation		\$0.00	\$7.90	\$0.97		
Tournament Fees		\$0.00	\$0.00	\$0.00		
Trip Total				\$19.30	\$77.84	\$26.52

Table EFL_3 Cont.:
Mean Expenditures by Mode and Resident Status in East Florida, 2011

East Florida		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$382.62	\$101.35	\$334.04
	Rods & Reels	\$284.92	\$59.25	\$246.76
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$5.71	\$0.00	\$4.74
	Camping Equipment	\$26.77	\$7.15	\$23.51
	Clothing	\$48.77	\$22.37	\$44.43
	Club Dues	\$12.49	\$0.00	\$10.34
	License Fees	\$38.53	\$24.29	\$36.28
	Magazine Subscriptions	\$19.82	\$1.74	\$16.85
	Taxidermy	\$1.52	\$0.00	\$1.26
	New Boat Purchase	\$380.98	\$31.75	\$316.19
	Used Boat Purchase	\$51.23	\$0.00	\$41.73
	New Canoe Purchase	\$2.34	\$0.00	\$1.90
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$74.53	\$0.00	\$60.60
	Used Accessory Purchase	\$0.02	\$0.00	\$0.02
	Boat Insurance	\$82.58	\$0.76	\$68.12
	Boat Maintenance	\$109.61	\$5.13	\$91.15
	Boat Registration	\$36.23	\$0.35	\$29.82
	Boat Storage	\$23.00	\$0.00	\$18.75
	Boat Purchase Fees	\$22.67	\$0.00	\$18.47
	New Vehicle Purchase	\$1,832.22	\$0.00	\$1,512.52
	Used Vehicle Purchase	\$49.65	\$0.00	\$40.99
	Vehicle Insurance	\$75.73	\$0.00	\$62.31
	Vehicle Maintenance	\$9.99	\$0.00	\$8.21
	Vehicle Registration	\$14.73	\$0.00	\$12.13
	Vehicle Purchase Fees	\$108.52	\$0.00	\$89.59
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.71	\$0.00	\$0.59
	Second Home Purchase Fees	\$2.58	\$0.00	\$2.13
	Real Estate Commissions	\$2.73	\$0.00	\$2.26
Total Annual		\$3,701.21	\$254.13	\$3,095.68

Table EFL_4:
Total Expenditures by Mode and Resident Status in East Florida, 2011
(\$1,000s)

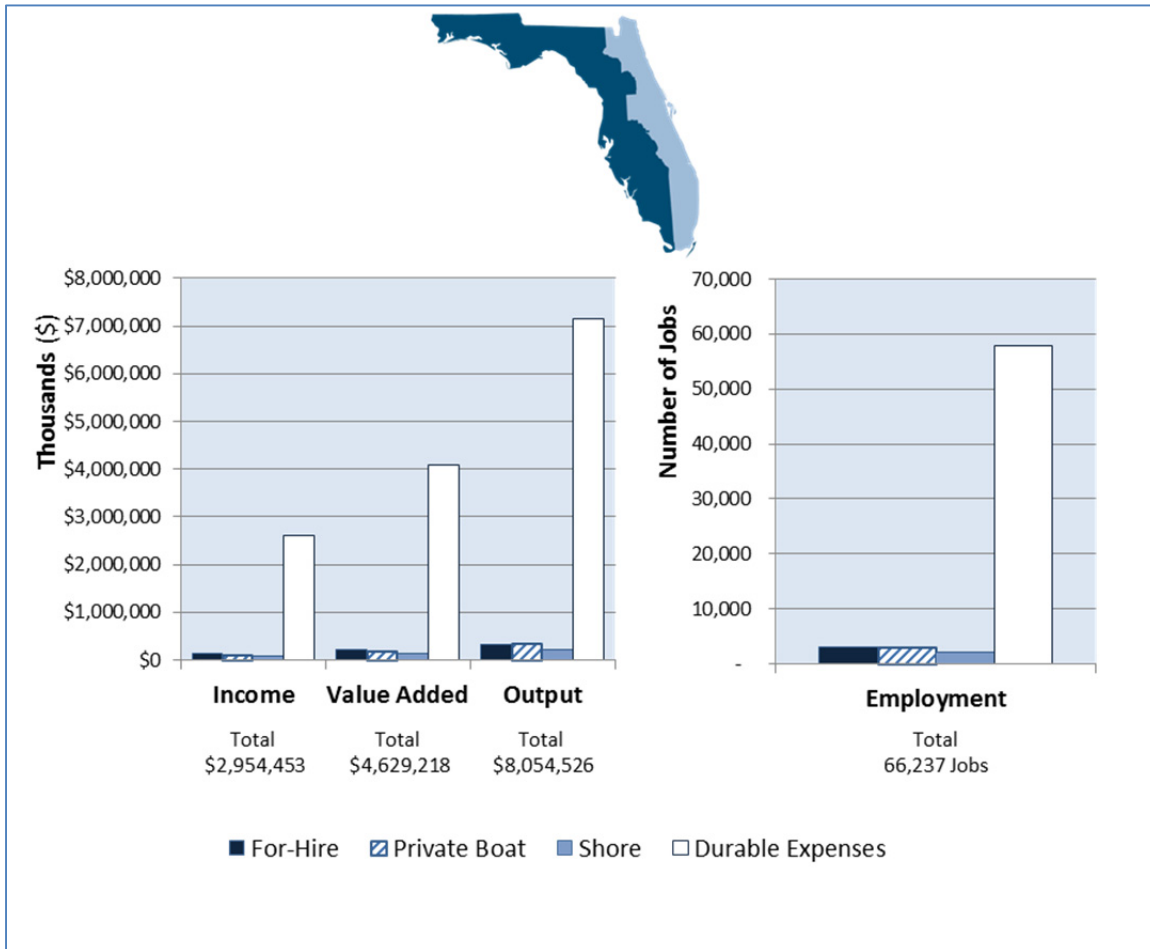
East Florida			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$436	\$5,784	\$6,220	
		Auto Rental	\$0	\$3,082	\$3,082	
		Bait	\$0	\$0	\$0	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$4,108	\$17,299	\$21,407	
		Crew Tips	\$456	\$4,375	\$4,831	
		Fish Processing	\$0	\$558	\$558	
		Food from Grocery Stores	\$151	\$1,158	\$1,309	
		Food from Restaurants	\$178	\$2,010	\$2,188	
		Gifts & Souvenirs	\$0	\$1,209	\$1,209	
		Ice	\$0	\$0	\$0	
		Lodging	\$0	\$6,868	\$6,868	
		Parking & Site Access Fees	\$0	\$176	\$176	
		Public Transportation	\$0	\$2,876	\$2,876	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total			\$5,328	\$45,395
	Private Boat	Auto Fuel	\$42,912	\$4,079	\$46,991	
		Auto Rental	\$0	\$123	\$123	
		Bait	\$22,277	\$814	\$23,091	
		Boat Fuel	\$72,423	\$1,062	\$73,485	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$23,919	\$1,158	\$25,077	
		Food from Restaurants	\$5,059	\$2,586	\$7,645	
		Gifts & Souvenirs	\$0	\$87	\$87	
		Ice	\$5,370	\$131	\$5,501	
		Lodging	\$0	\$3,061	\$3,061	
		Parking & Site Access Fees	\$2,574	\$5	\$2,579	
		Public Transportation	\$0	\$494	\$494	
		Tournament Fees	\$0	\$0	\$0	
		Private Boat Trip Total			\$174,533	\$13,600
	Shore	Auto Fuel	\$27,271	\$15,360	\$42,631	
		Auto Rental	\$0	\$4,082	\$4,082	
		Bait	\$13,942	\$2,244	\$16,186	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$11,663	\$4,017	\$15,680	
		Food from Restaurants	\$6,223	\$6,849	\$13,072	
		Gifts & Souvenirs	\$0	\$2,139	\$2,139	
		Ice	\$1,224	\$170	\$1,394	
		Lodging	\$34	\$10,100	\$10,134	
		Parking & Site Access Fees	\$5,305	\$792	\$6,096	
		Public Transportation	\$0	\$5,168	\$5,168	
		Tournament Fees	\$0	\$0	\$0	
Shore Trip Total			\$65,662	\$50,920	\$116,582	
ALL TRIP MODES TOTAL			\$245,523	\$109,915	\$355,438	

Table EFL_4 Cont.:
Total Expenditures by Mode and Resident Status in East Florida, 2011
(\$1,000s)

East Florida		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$348,746	\$45,652	\$394,398
	Rods & Reels	\$259,695	\$26,689	\$286,384
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$5,204	\$0	\$5,204
	Camping Equipment	\$24,400	\$3,221	\$27,621
	Clothing	\$44,452	\$10,076	\$54,529
	Club Dues	\$11,384	\$0	\$11,384
	License Fees	\$35,119	\$10,941	\$46,060
	Magazine Subscriptions	\$18,065	\$784	\$18,849
	Taxidermy	\$1,385	\$0	\$1,385
	New Boat Purchase	\$347,251	\$14,302	\$361,553
	Used Boat Purchase	\$46,695	\$0	\$46,695
	New Canoe Purchase	\$2,133	\$0	\$2,133
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$67,932	\$0	\$67,932
	Used Accessory Purchase	\$18	\$0	\$18
	Boat Insurance	\$75,269	\$342	\$75,611
	Boat Maintenance	\$99,906	\$2,311	\$102,217
	Boat Registration	\$33,022	\$158	\$33,180
	Boat Storage	\$20,964	\$0	\$20,964
	Boat Purchase Fees	\$20,663	\$0	\$20,663
	New Vehicle Purchase	\$1,670,010	\$0	\$1,670,010
	Used Vehicle Purchase	\$45,254	\$0	\$45,254
	Vehicle Insurance	\$69,025	\$0	\$69,025
	Vehicle Maintenance	\$9,106	\$0	\$9,106
	Vehicle Registration	\$13,426	\$0	\$13,426
	Vehicle Purchase Fees	\$98,913	\$0	\$98,913
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$647	\$0	\$647
	Second Home Purchase Fees	\$2,352	\$0	\$2,352
	Real Estate Commissions	\$2,488	\$0	\$2,488
	Total Annual	\$3,373,525	\$114,475	\$3,488,001
TRIP AND DURABLE GRAND TOTAL		\$3,619,048	\$224,390	\$3,843,439

West Florida

Figure WFL_1. Total Economic Impacts Generated in West Florida in 2011



Total angler expenditures on marine recreational fishing in West Florida were \$5.5 billion in 2011. Trip expenditures were \$623 million and expenditures on durable goods were \$4.9 billion. Marine angling trip expenditures were 11% of total angling expenditures and durable good expenditures were the remaining 89%. For-hire fishing trip expenditures totaled \$187 million, private boat trip expenditures totaled \$283 million, and shore fishing trips totaled \$152 million. Mean trip expenditures by residents on for-hire fishing trips were \$279.66, \$36.49 on private boat trips, and \$16.13 for shore trips. Non-resident mean trip expenditures were \$442.18, \$68.06, and \$71.35 respectively. Residents spent \$296 million on trip expenses; \$29 million on for-hire trips, \$211 million on private boat trips, and \$56 million on shore trips. Non-residents spent \$327 million on trip expenses; \$158 million on for-hire trips, \$72 million on private boat trips, and \$97 million on shore trips. Resident spending on durable goods purchased in West Florida totaled \$4.3 billion; non-resident spending on durable goods totaled \$551 million. Marine recreational fishing in West Florida contributed 66 thousand jobs to the state's economy, generated \$8.1 billion in output (sales), \$4.6 billion to the state's gross domestic product, and \$3 billion in income. Trip expenditures generated approximately 8.3 thousand jobs and durable expenses generated 58 thousand jobs. Marine angling trip expenditures supported 13% of total employment, and durable expenditures supported the remaining 87%.

Table WFL_1. Total Economic Impacts Generated in West Florida in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$187,491	2,988	\$143,326	\$218,883	\$327,398
	Private Boat	\$283,489	3,206	\$117,674	\$202,691	\$357,950
	Shore	\$152,390	2,144	\$73,788	\$124,007	\$222,503
	All Modes	\$623,370	8,338	\$334,788	\$545,581	\$907,852
Durable Expenses		\$4,871,325	57,899	\$2,619,665	\$4,083,637	\$7,146,674
Total Expenses		\$5,494,695	66,237	\$2,954,453	\$4,629,218	\$8,054,526

Table WFL_2. Federal and State Tax Impacts Generated in West Florida in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$5,088	\$0	\$483,424	\$15,226	\$30,538	\$534,277
Federal Tax	\$310,301	\$15,652	\$51,572	\$237,144	\$45,863	\$660,532
Total	\$315,389	\$15,652	\$534,997	\$252,371	\$76,401	\$1,194,809

**Table WFL_3:
Mean Expenditures by Mode and Resident Status in West Florida, 2011**

West Florida			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$15.03	\$46.60	\$36.14
		Auto Rental	\$0.00	\$23.10	\$15.49
		Bait	\$0.00	\$0.07	\$0.04
		Boat Rental	\$0.00	\$0.13	\$0.09
		Charter Fees	\$208.65	\$205.93	\$206.83
		Crew Tips	\$16.76	\$24.40	\$21.87
		Fish Processing	\$0.00	\$0.14	\$0.09
		Food from Grocery Stores	\$10.70	\$12.93	\$12.19
		Food from Restaurants	\$13.97	\$30.94	\$25.42
		Gifts & Souvenirs	\$0.75	\$14.19	\$9.76
		Ice	\$0.07	\$0.07	\$0.07
		Lodging	\$11.30	\$52.36	\$38.98
		Parking & Site Access	\$0.08	\$0.16	\$0.13
		Public Transportation	\$0.46	\$31.16	\$21.13
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$279.66	\$442.18
	Private Boat	Auto Fuel	\$7.75	\$21.53	\$9.06
		Auto Rental	\$0.00	\$0.16	\$0.02
		Bait	\$4.51	\$5.45	\$4.60
		Boat Fuel	\$16.23	\$12.58	\$15.88
		Boat Rental	\$0.00	\$0.25	\$0.02
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$4.65	\$6.65	\$4.84
		Food from Restaurants	\$1.16	\$8.71	\$1.88
		Gifts & Souvenirs	\$0.00	\$0.47	\$0.04
		Ice	\$0.91	\$0.92	\$0.91
		Lodging	\$0.00	\$7.75	\$0.74
		Parking & Site Access	\$1.27	\$0.91	\$1.23
		Public Transportation	\$0.00	\$2.66	\$0.25
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$36.49	\$68.06
	Shore	Auto Fuel	\$6.11	\$23.45	\$8.93
		Auto Rental	\$0.00	\$1.27	\$0.20
		Bait	\$3.99	\$4.22	\$4.02
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$2.78	\$7.02	\$3.46
		Food from Restaurants	\$1.04	\$11.79	\$2.78
		Gifts & Souvenirs	\$0.00	\$1.42	\$0.23
		Ice	\$0.29	\$0.16	\$0.27
		Lodging	\$0.00	\$15.37	\$2.48
Parking & Site Access		\$1.92	\$2.19	\$1.96	
Public Transportation		\$0.00	\$4.46	\$0.72	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$16.13	\$71.35	\$25.06

Table WFL_3 Cont.:
Mean Expenditures by Mode and Resident Status in West Florida, 2011

West Florida		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$170.52	\$51.88	\$127.24
	Rods & Reels	\$221.51	\$47.01	\$157.92
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$9.19	\$1.09	\$6.37
	Camping Equipment	\$39.57	\$0.75	\$25.64
	Clothing	\$50.05	\$15.90	\$37.80
	Club Dues	\$5.84	\$0.41	\$3.94
	License Fees	\$33.87	\$37.92	\$35.31
	Magazine Subscriptions	\$15.45	\$1.87	\$10.63
	Taxidermy	\$0.00	\$0.02	\$0.01
	New Boat Purchase	\$987.28	\$69.43	\$656.80
	Used Boat Purchase	\$41.58	\$63.10	\$49.33
	New Canoe Purchase	\$3.80	\$0.00	\$2.42
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$182.56	\$12.13	\$121.79
	Used Accessory Purchase	\$0.04	\$0.00	\$0.03
	Boat Insurance	\$142.75	\$7.76	\$94.62
	Boat Maintenance	\$422.15	\$7.61	\$274.93
	Boat Registration	\$55.56	\$1.41	\$36.32
	Boat Storage	\$105.66	\$6.38	\$69.90
	Boat Purchase Fees	\$33.90	\$20.85	\$29.20
	New Vehicle Purchase	\$211.78	\$0.00	\$138.08
	Used Vehicle Purchase	\$25.20	\$0.00	\$16.43
	Vehicle Insurance	\$49.61	\$2.11	\$33.07
	Vehicle Maintenance	\$27.57	\$1.24	\$18.45
	Vehicle Registration	\$7.30	\$1.06	\$5.13
	Vehicle Purchase Fees	\$13.72	\$0.00	\$8.95
	New Home Purchase	\$340.78	\$0.00	\$222.35
	Second Home Insurance	\$0.00	\$12.93	\$4.47
	Second Home Maintenance	\$0.00	\$13.73	\$4.76
	Second Home Property Taxes	\$7.24	\$4.60	\$6.32
	Second Home Purchase Fees	\$20.62	\$13.31	\$18.08
	Real Estate Commissions	\$43.84	\$25.10	\$37.33
Total Annual		\$3,268.95	\$419.58	\$2,253.61

Table WFL_4:

Total Expenditures by Mode and Resident Status in West Florida, 2011 (\$1,000s)

West Florida			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$1,568	\$16,684	\$18,252		
		Auto Rental	\$0	\$8,270	\$8,270		
		Bait	\$0	\$25	\$25		
		Boat Rental	\$0	\$47	\$47		
		Charter Fees	\$21,773	\$73,727	\$95,500		
		Crew Tips	\$1,749	\$8,736	\$10,485		
		Fish Processing	\$0	\$50	\$50		
		Food from Grocery Stores	\$1,117	\$4,629	\$5,746		
		Food from Restaurants	\$1,458	\$11,077	\$12,535		
		Gifts & Souvenirs	\$78	\$5,080	\$5,159		
		Ice	\$7	\$25	\$32		
		Lodging	\$1,179	\$18,746	\$19,925		
		Parking & Site Access Fees	\$8	\$57	\$66		
		Public Transportation	\$48	\$11,156	\$11,204		
		Tournament Fees	\$0	\$0	\$0		
		For-Hire Trip Total			\$29,181	\$158,309	\$187,491
		Private Boat	Auto Fuel	\$44,925	\$22,791	\$67,715	
	Auto Rental		\$0	\$169	\$169		
	Bait		\$26,143	\$5,769	\$31,912		
	Boat Fuel		\$94,081	\$13,317	\$107,398		
	Boat Rental		\$0	\$265	\$265		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$26,955	\$7,039	\$33,994		
	Food from Restaurants		\$6,724	\$9,220	\$15,944		
	Gifts & Souvenirs		\$0	\$498	\$498		
	Ice		\$5,275	\$974	\$6,249		
	Lodging		\$0	\$8,204	\$8,204		
	Parking & Site Access Fees		\$7,362	\$963	\$8,325		
	Public Transportation		\$0	\$2,816	\$2,816		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$211,465	\$72,024	\$283,489
	Shore		Auto Fuel	\$21,094	\$31,783	\$52,876	
		Auto Rental	\$0	\$1,721	\$1,721		
		Bait	\$13,775	\$5,720	\$19,494		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$9,597	\$9,514	\$19,112		
		Food from Restaurants	\$3,590	\$15,979	\$19,570		
		Gifts & Souvenirs	\$0	\$1,925	\$1,925		
		Ice	\$1,001	\$217	\$1,218		
		Lodging	\$0	\$20,832	\$20,832		
		Parking & Site Access Fees	\$6,628	\$2,968	\$9,597		
		Public Transportation	\$0	\$6,045	\$6,045		
		Tournament Fees	\$0	\$0	\$0		
Shore Trip Total				\$55,686	\$96,703	\$152,390	
ALL TRIP MODES TOTAL			\$296,332	\$327,036	\$623,370		

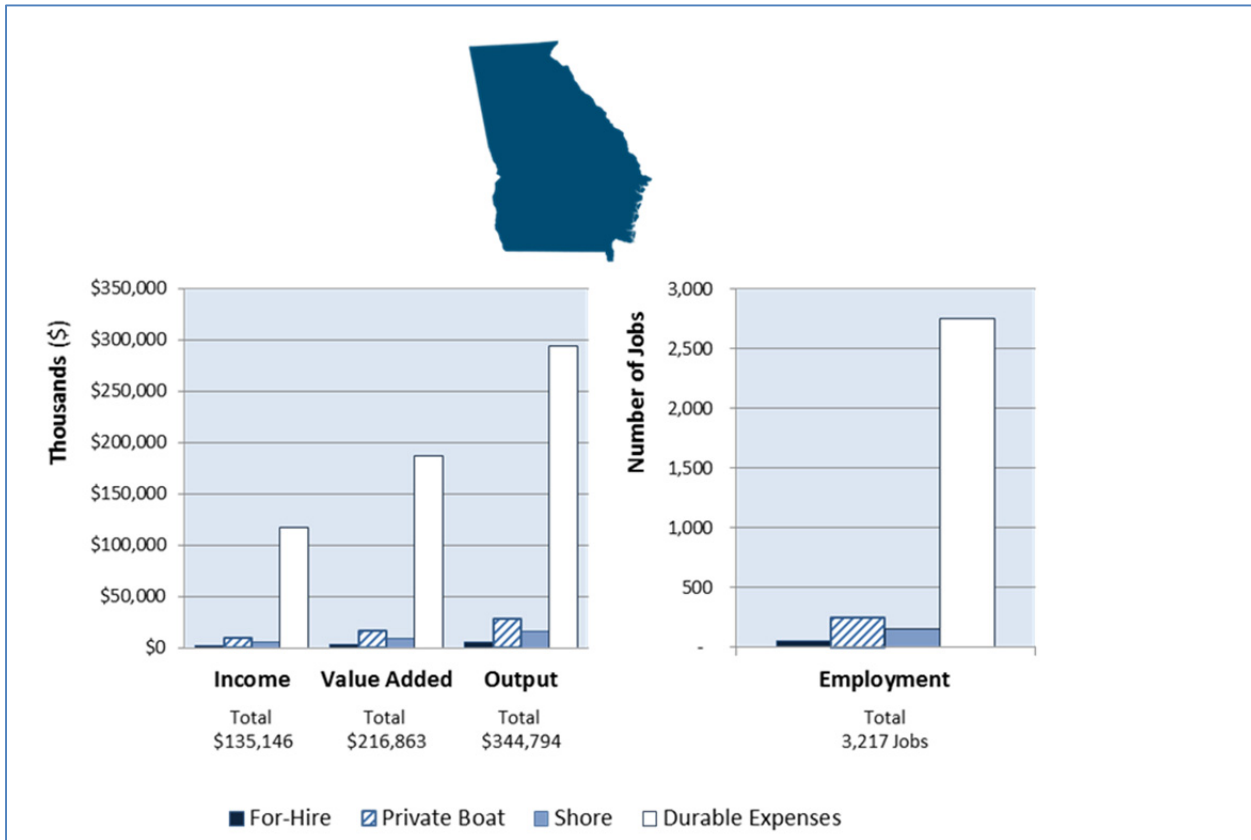
Table WFL_4 Cont.:

Total Expenditures by Mode and Resident Status in West Florida, 2011 (\$1,000s)

West Florida		Resident Status			
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers	
Durable	Tackle	\$225,373	\$68,105	\$293,478	
	Rods & Reels	\$292,766	\$61,712	\$354,478	
	Spearfishing Gear	\$0	\$0	\$0	
	Binoculars	\$12,146	\$1,431	\$13,577	
	Camping Equipment	\$52,299	\$985	\$53,284	
	Clothing	\$66,150	\$20,872	\$87,023	
	Club Dues	\$7,719	\$538	\$8,257	
	License Fees	\$44,765	\$49,779	\$94,544	
	Magazine Subscriptions	\$20,420	\$2,455	\$22,875	
	Taxidermy	\$0	\$26	\$26	
	New Boat Purchase	\$1,304,871	\$91,143	\$1,396,014	
	Used Boat Purchase	\$54,956	\$82,833	\$137,789	
	New Canoe Purchase	\$5,022	\$0	\$5,022	
	Used Canoe Purchase	\$0	\$0	\$0	
	New Accessory Purchase	\$241,286	\$15,923	\$257,210	
	Used Accessory Purchase	\$53	\$0	\$53	
	Boat Insurance	\$188,670	\$10,187	\$198,857	
	Boat Maintenance	\$557,948	\$9,990	\$567,938	
	Boat Registration	\$73,433	\$1,851	\$75,284	
	Boat Storage	\$139,649	\$8,375	\$148,024	
	Boat Purchase Fees	\$44,805	\$27,370	\$72,176	
	New Vehicle Purchase	\$279,906	\$0	\$279,906	
	Used Vehicle Purchase	\$33,306	\$0	\$33,306	
	Vehicle Insurance	\$65,569	\$2,770	\$68,339	
	Vehicle Maintenance	\$36,439	\$1,628	\$38,067	
	Vehicle Registration	\$9,648	\$1,391	\$11,040	
	Vehicle Purchase Fees	\$18,133	\$0	\$18,133	
	New Home Purchase	\$450,403	\$0	\$450,403	
	Second Home Insurance	\$0	\$16,974	\$16,974	
	Second Home Maintenance	\$0	\$18,024	\$18,024	
	Second Home Property Taxes	\$9,569	\$6,039	\$15,608	
	Second Home Purchase Fees	\$27,253	\$17,472	\$44,726	
	Real Estate Commissions	\$57,943	\$32,950	\$90,892	
		Total Annual	\$4,320,502	\$550,823	\$4,871,325
	TRIP AND DURABLE GRAND TOTAL		\$4,616,834	\$877,859	\$5,494,695

Georgia

Figure GA_1. Total Economic Impacts Generated in Georgia in 2011



Total angler expenditures on marine recreational fishing in Georgia were \$327 million in 2011. Trip expenditures were \$39 million and expenditures on durable goods were \$288 million. Marine angling trip expenditures were 12% of total angling expenditures and durable good expenditures were the remaining 88%. For-hire fishing trip expenditures totaled \$3.5 million, private boat trip expenditures totaled \$24 million, and shore fishing trips totaled \$12 million. Mean trip expenditures by residents on for-hire fishing trips were \$285.32, \$40.25 on private boat trips, and \$34.99 for shore trips. Non-resident mean trip expenditures were \$242.76, \$51.34, and \$104.89 respectively. Residents spent \$32 million on trip expenses; \$1.8 million on for-hire trips, \$21 million on private boat trips, and \$9.3 million on shore trips. Non-residents spent \$6.6 million on trip expenses; \$1.7 million on for-hire trips, \$2.5 million on private boat trips, and \$2.4 million on shore trips. Resident spending on durable goods purchased in Georgia totaled \$283 million; non-resident spending on durable goods totaled \$5.4 million. Marine recreational fishing in Georgia contributed 3.2 thousand jobs to the state's economy, generated \$345 million in output (sales), \$217 million to the state's gross domestic product, and \$135 million in income. Trip expenditures generated approximately 463 jobs and durable expenses generated 2.8 thousand jobs. Marine angling trip expenditures supported 14% of total employment, and durable expenditures supported the remaining 86%.

Table GA_1. Total Economic Impacts Generated in Georgia in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$3,470	56	\$2,818	\$4,172	\$5,941
	Private Boat	\$23,530	254	\$9,316	\$16,431	\$28,009
	Shore	\$11,655	153	\$5,370	\$9,242	\$16,339
	All Modes	\$38,655	463	\$17,504	\$29,845	\$50,288
Durable Expenses		\$288,497	2,753	\$117,642	\$187,018	\$294,506
Total Expenses		\$327,152	3,217	\$135,146	\$216,863	\$344,794

Table GA_2. Federal and State Tax Impacts Generated in Georgia in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$148	\$0	\$21,569	\$3,593	\$977	\$26,286
Federal Tax	\$11,557	\$591	\$3,661	\$8,235	\$2,130	\$26,173
Total	\$11,705	\$591	\$25,229	\$11,828	\$3,107	\$52,460

Table GA_3:
Mean Expenditures by Mode and Resident Status in Georgia, 2011

Georgia			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trips	For-Hire	Auto Fuel	\$27.24	\$17.56	\$23.92		
		Auto Rental	\$0.00	\$0.00	\$0.00		
		Bait	\$0.00	\$0.00	\$0.00		
		Boat Rental	\$0.00	\$0.00	\$0.00		
		Charter Fees	\$167.58	\$189.82	\$175.36		
		Crew Tips	\$14.44	\$9.96	\$12.90		
		Fish Processing	\$0.00	\$0.00	\$0.00		
		Food from Grocery Stores	\$1.52	\$0.31	\$1.09		
		Food from Restaurants	\$25.11	\$6.99	\$18.73		
		Gifts & Souvenirs	\$0.00	\$0.97	\$0.34		
		Ice	\$0.00	\$0.00	\$0.00		
		Lodging	\$49.42	\$17.15	\$38.26		
		Parking & Site Access	\$0.00	\$0.00	\$0.00		
		Public Transportation	\$0.00	\$0.00	\$0.00		
		Tournament Fees	\$0.00	\$0.00	\$0.00		
		Trip Total			\$285.32	\$242.76	\$270.61
		Private Boat	Auto Fuel	\$11.98	\$26.37	\$13.30	
	Auto Rental		\$0.00	\$3.82	\$0.35		
	Bait		\$5.75	\$1.01	\$5.32		
	Boat Fuel		\$18.13	\$3.48	\$16.81		
	Boat Rental		\$0.00	\$0.00	\$0.00		
	Charter Fees		\$0.00	\$0.00	\$0.00		
	Fish Processing		\$0.00	\$0.00	\$0.00		
	Food from Grocery Stores		\$2.95	\$2.59	\$2.92		
	Food from Restaurants		\$0.36	\$4.27	\$0.72		
	Gifts & Souvenirs		\$0.00	\$4.73	\$0.42		
	Ice		\$0.45	\$0.05	\$0.41		
	Lodging		\$0.62	\$3.98	\$0.94		
	Parking & Site Access		\$0.01	\$0.00	\$0.01		
	Public Transportation		\$0.00	\$1.04	\$0.09		
	Tournament Fees		\$0.00	\$0.00	\$0.00		
	Trip Total				\$40.25	\$51.34	\$41.29
	Shore		Auto Fuel	\$14.04	\$36.34	\$15.73	
		Auto Rental	\$0.00	\$0.00	\$0.00		
		Bait	\$4.39	\$2.50	\$4.24		
		Boat Rental	\$0.00	\$0.00	\$0.00		
		Fish Processing	\$0.00	\$0.00	\$0.00		
		Food from Grocery Stores	\$5.74	\$10.03	\$6.06		
		Food from Restaurants	\$2.54	\$8.19	\$2.96		
		Gifts & Souvenirs	\$0.04	\$2.10	\$0.19		
		Ice	\$0.25	\$0.13	\$0.24		
		Lodging	\$7.29	\$39.87	\$9.70		
		Parking & Site Access	\$0.71	\$0.85	\$0.72		
		Public Transportation	\$0.00	\$4.87	\$0.35		
		Tournament Fees	\$0.00	\$0.00	\$0.00		
Trip Total				\$34.99	\$104.89	\$40.19	

Table GA_3 Cont.:
Mean Expenditures by Mode and Resident Status in Georgia, 2011

Georgia		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$149.19	\$57.23	\$132.20
	Rods & Reels	\$140.46	\$31.17	\$120.27
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.00	\$0.00	\$0.00
	Camping Equipment	\$7.13	\$0.00	\$5.53
	Clothing	\$38.80	\$0.00	\$30.00
	Club Dues	\$10.90	\$0.00	\$8.45
	License Fees	\$11.85	\$1.97	\$9.89
	Magazine Subscriptions	\$12.09	\$0.00	\$9.49
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$388.75	\$0.00	\$300.55
	Used Boat Purchase	\$0.00	\$0.00	\$0.00
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$121.22	\$0.00	\$98.19
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$61.62	\$0.00	\$47.24
	Boat Maintenance	\$98.53	\$0.00	\$79.60
	Boat Registration	\$9.60	\$0.00	\$7.75
	Boat Storage	\$29.88	\$0.00	\$24.03
	Boat Purchase Fees	\$7.78	\$0.00	\$6.02
	New Vehicle Purchase	\$0.00	\$0.00	\$0.00
	Used Vehicle Purchase	\$40.69	\$0.00	\$31.80
	Vehicle Insurance	\$24.91	\$0.00	\$19.36
	Vehicle Maintenance	\$2.85	\$0.00	\$2.22
	Vehicle Registration	\$0.59	\$0.00	\$0.46
	Vehicle Purchase Fees	\$11.28	\$0.00	\$8.81
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$0.00	\$0.00
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$1,168.13	\$90.37	\$941.86

Table GA_4:

Total Expenditures by Mode and Resident Status in Georgia, 2011 (\$1,000s)

Georgia			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$169	\$123	\$292	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$0	\$0	\$0	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$1,040	\$1,328	\$2,368	
		Crew Tips	\$90	\$70	\$159	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$9	\$2	\$12	
		Food from Restaurants	\$156	\$49	\$205	
		Gifts & Souvenirs	\$0	\$7	\$7	
		Ice	\$0	\$0	\$0	
		Lodging	\$307	\$120	\$427	
		Parking & Site Access Fees	\$0	\$0	\$0	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total			\$1,771	\$1,699
	Private Boat	Auto Fuel	\$6,253	\$1,295	\$7,548	
		Auto Rental	\$0	\$188	\$188	
		Bait	\$3,001	\$50	\$3,051	
		Boat Fuel	\$9,464	\$171	\$9,634	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$1,540	\$127	\$1,667	
		Food from Restaurants	\$188	\$210	\$398	
		Gifts & Souvenirs	\$0	\$232	\$232	
		Ice	\$235	\$2	\$237	
		Lodging	\$324	\$195	\$519	
		Parking & Site Access Fees	\$5	\$0	\$5	
		Public Transportation	\$0	\$51	\$51	
		Tournament Fees	\$0	\$0	\$0	
		Private Boat Trip Total			\$21,010	\$2,521
	Shore	Auto Fuel	\$3,721	\$824	\$4,545	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$1,164	\$57	\$1,220	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$1,521	\$227	\$1,749	
		Food from Restaurants	\$673	\$186	\$859	
		Gifts & Souvenirs	\$11	\$48	\$58	
		Ice	\$66	\$3	\$69	
		Lodging	\$1,932	\$904	\$2,836	
Parking & Site Access Fees		\$188	\$19	\$207		
Public Transportation		\$0	\$110	\$110		
Tournament Fees		\$0	\$0	\$0		
Shore Trip Total				\$9,277	\$2,378	\$11,655
ALL TRIP MODES TOTAL			\$32,058	\$6,598	\$38,654	

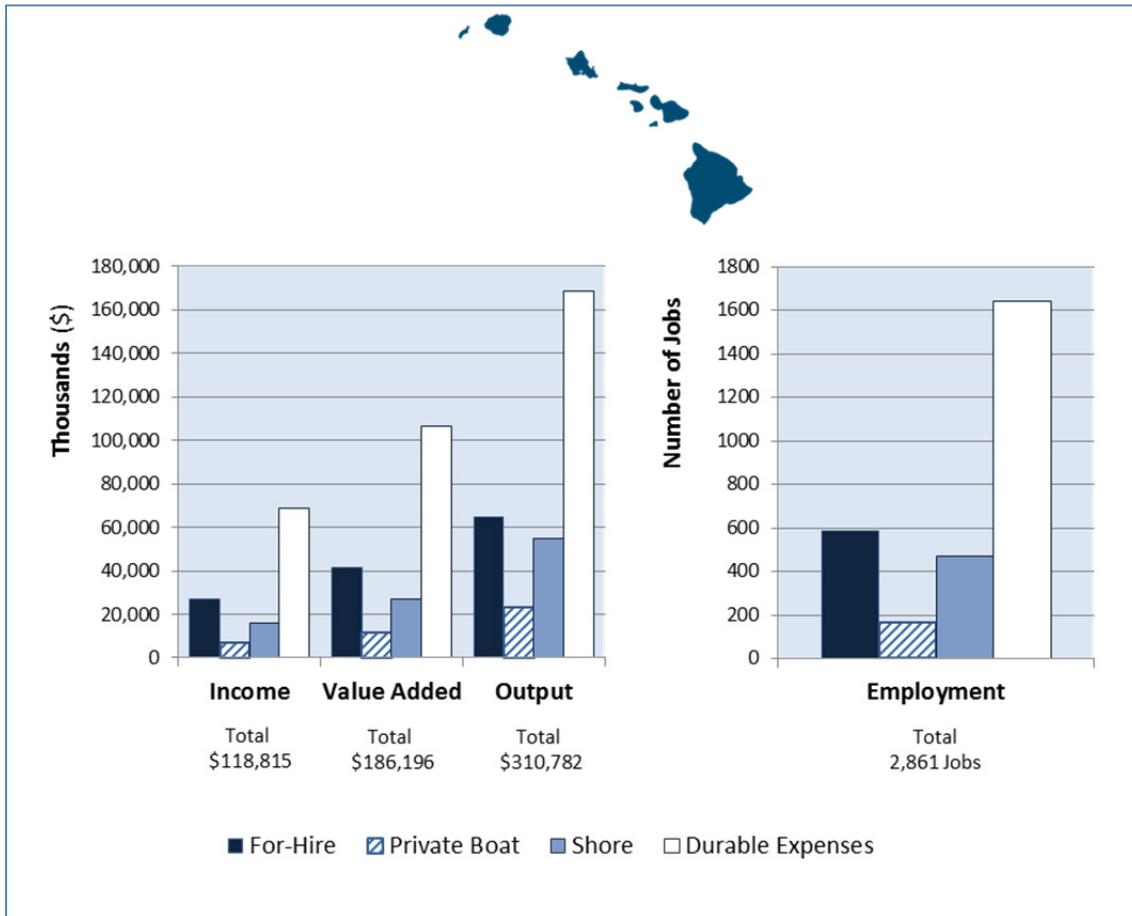
Table GA_4 Cont.:

Total Expenditures by Mode and Resident Status in Georgia, 2011 (\$1,000s)

Georgia		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$36,154	\$3,431	\$39,586
	Rods & Reels	\$34,039	\$1,869	\$35,908
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$0	\$0	\$0
	Camping Equipment	\$1,728	\$0	\$1,728
	Clothing	\$9,403	\$0	\$9,403
	Club Dues	\$2,641	\$0	\$2,641
	License Fees	\$2,872	\$118	\$2,990
	Magazine Subscriptions	\$2,930	\$0	\$2,930
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$94,209	\$0	\$94,209
	Used Boat Purchase	\$0	\$0	\$0
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$29,376	\$0	\$29,376
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$14,933	\$0	\$14,933
	Boat Maintenance	\$23,877	\$0	\$23,877
	Boat Registration	\$2,326	\$0	\$2,326
	Boat Storage	\$7,241	\$0	\$7,241
	Boat Purchase Fees	\$1,885	\$0	\$1,885
	New Vehicle Purchase	\$0	\$0	\$0
	Used Vehicle Purchase	\$9,861	\$0	\$9,861
	Vehicle Insurance	\$6,037	\$0	\$6,037
	Vehicle Maintenance	\$691	\$0	\$691
	Vehicle Registration	\$143	\$0	\$143
	Vehicle Purchase Fees	\$2,734	\$0	\$2,734
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$0	\$0
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
	Total Annual	\$283,079	\$5,418	\$288,497
TRIP AND DURABLE GRAND TOTAL		\$315,137	\$12,016	\$327,151

Hawaii

Figure HI_1. Total Economic Impacts Generated in Hawaii in 2011



Total angler expenditures on marine recreational fishing in Hawaii were \$285 million in 2011. Trip expenditures were \$106 million and expenditures on durable goods were \$179 million. Marine angling trip expenditures were 37% of total angling expenditures and durable good expenditures were the remaining 63%. For-hire fishing trip expenditures totaled \$40 million, private boat trip expenditures totaled \$21 million, and shore fishing trips totaled \$45 million. Mean trip expenditures by residents on for-hire fishing trips were \$679.47, \$95.02 on private boat trips, and \$39 for shore trips. Non-resident mean trip expenditures were \$881.44, \$99.82, and \$12.16 respectively. Residents spent \$69 million on trip expenses; \$3 million on for-hire trips, \$21 million on private boat trips, and \$45 million on shore trips. Non-residents spent \$37 million on trip expenses; \$37 million on for-hire trips, \$102 thousand on private boat trips, and \$69 thousand on shore trips. Resident spending on durable goods purchased in Hawaii totaled \$179 million; non-resident spending on durable goods totaled \$120 thousand. Marine recreational fishing in Hawaii contributed 2.9 thousand jobs to the state's economy, generated \$311 million in output (sales), \$186 million to the state's gross domestic product, and \$119 million in income. Trip expenditures generated approximately 1.2 thousand jobs and durable expenses generated 1.6 thousand jobs. Marine angling trip expenditures supported 43% of total employment, and durable expenditures supported the remaining 57%.

Table HI_1. Total Economic Impacts Generated in Hawaii in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$39,679	586	\$27,072	\$41,513	\$64,541
	Private Boat	\$21,273	166	\$6,862	\$11,755	\$23,162
	Shore	\$44,871	470	\$16,097	\$26,730	\$54,551
	All Modes	\$105,822	1,222	\$50,031	\$79,998	\$142,254
Durable Expenses		\$179,089	1,639	\$68,784	\$106,198	\$168,528
Total Expenses		\$284,912	2,861	\$118,815	\$186,196	\$310,782

Table HI_2. Federal and State Tax Impacts Generated in Hawaii in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$140	\$0	\$21,705	\$4,322	\$1,479	\$27,646
Federal Tax	\$10,658	\$659	\$2,419	\$8,743	\$2,094	\$24,573
Total	\$10,798	\$659	\$24,124	\$13,065	\$3,573	\$52,219

**Table HI_3:
Mean Expenditures by Mode and Resident Status in Hawaii, 2011**

Hawaii			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$26.24	\$24.52	\$24.62
		Auto Rental	\$2.98	\$32.27	\$30.54
		Bait	\$0.82	\$0.00	\$0.05
		Boat Rental	\$34.71	\$4.26	\$6.05
		Charter Fees	\$313.37	\$307.75	\$308.09
		Crew Tips	\$93.65	\$42.12	\$45.26
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$62.59	\$27.92	\$29.73
		Food from Restaurants	\$13.07	\$72.57	\$69.07
		Gifts & Souvenirs	\$4.67	\$67.73	\$64.02
		Ice	\$9.92	\$2.09	\$2.56
		Lodging	\$6.51	\$159.71	\$150.67
		Parking & Site Access	\$0.38	\$3.82	\$3.61
		Public Transportation	\$5.35	\$109.47	\$103.32
		Tournament Fees	\$10.93	\$27.23	\$26.26
		Trip Total		\$679.47	\$881.44
	Private Boat	Auto Fuel	\$11.84	\$6.52	\$11.80
		Auto Rental	\$0.00	\$0.19	\$0.00
		Bait	\$3.37	\$0.36	\$3.35
		Boat Fuel	\$50.29	\$17.68	\$50.05
		Boat Rental	\$0.72	\$2.45	\$0.73
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$16.49	\$8.47	\$16.43
		Food from Restaurants	\$1.17	\$7.53	\$1.22
		Gifts & Souvenirs	\$0.00	\$13.02	\$0.08
		Ice	\$9.89	\$2.04	\$9.83
		Lodging	\$0.00	\$22.84	\$0.17
		Parking & Site Access	\$1.17	\$0.29	\$1.16
		Public Transportation	\$0.02	\$18.41	\$0.17
		Tournament Fees	\$0.06	\$0.00	\$0.06
		Trip Total		\$95.02	\$99.82
	Shore	Auto Fuel	\$10.68	\$2.58	\$10.66
		Auto Rental	\$0.00	\$4.10	\$0.01
		Bait	\$3.43	\$0.42	\$3.42
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$17.32	\$0.55	\$17.25
		Food from Restaurants	\$4.67	\$0.59	\$4.66
		Gifts & Souvenirs	\$0.00	\$0.96	\$0.00
		Ice	\$2.87	\$0.04	\$2.86
		Lodging	\$0.01	\$2.00	\$0.01
Parking & Site Access		\$0.01	\$0.09	\$0.01	
Public Transportation		\$0.00	\$0.81	\$0.01	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$39.00	\$12.16	\$38.90

Table HI_3 Cont.:
Mean Expenditures by Mode and Resident Status in Hawaii, 2011

Hawaii		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$146.61	\$11.98	\$144.49
	Rods & Reels	\$636.38	\$12.85	\$626.54
	Spearfishing Gear	\$18.58	\$0.00	\$17.98
	Binoculars	\$7.97	\$0.00	\$7.70
	Camping Equipment	\$55.43	\$0.00	\$53.52
	Clothing	\$16.55	\$2.06	\$16.30
	Club Dues	\$8.91	\$0.00	\$8.63
	License Fees	\$20.64	\$0.07	\$19.99
	Magazine Subscriptions	\$13.96	\$0.01	\$13.52
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$604.88	\$3.79	\$578.24
	Used Boat Purchase	\$0.04	\$0.00	\$0.04
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$14.94	\$0.00	\$14.45
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$14.78	\$0.00	\$14.12
	Boat Maintenance	\$89.90	\$0.00	\$86.96
	Boat Registration	\$60.07	\$0.00	\$58.11
	Boat Storage	\$11.63	\$0.00	\$11.12
	Boat Purchase Fees	\$0.87	\$1.89	\$0.91
	New Vehicle Purchase	\$246.84	\$0.00	\$238.81
	Used Vehicle Purchase	\$57.49	\$0.00	\$55.62
	Vehicle Insurance	\$46.39	\$0.00	\$44.85
	Vehicle Maintenance	\$37.69	\$0.00	\$36.45
	Vehicle Registration	\$17.46	\$0.00	\$16.89
	Vehicle Purchase Fees	\$15.51	\$0.00	\$15.00
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$0.00	\$0.00
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$2,143.50	\$32.66	\$2,080.23

Table HI_4:
Total Expenditures by Mode and Resident Status in Hawaii, 2011 (\$1,000s)

Hawaii			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$114	\$1,021	\$1,136	
		Auto Rental	\$13	\$1,344	\$1,357	
		Bait	\$4	\$0	\$4	
		Boat Rental	\$151	\$177	\$329	
		Charter Fees	\$1,365	\$12,820	\$14,185	
		Crew Tips	\$408	\$1,755	\$2,163	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$273	\$1,163	\$1,436	
		Food from Restaurants	\$57	\$3,023	\$3,080	
		Gifts & Souvenirs	\$20	\$2,821	\$2,842	
		Ice	\$43	\$87	\$130	
		Lodging	\$28	\$6,653	\$6,681	
		Parking & Site Access Fees	\$2	\$159	\$161	
		Public Transportation	\$23	\$4,560	\$4,583	
		Tournament Fees	\$48	\$1,134	\$1,182	
		For-Hire Trip Total		\$2,960	\$36,718	\$39,679
		Private Boat	Auto Fuel	\$2,638	\$7	\$2,645
	Auto Rental		\$0	\$0	\$0	
	Bait		\$751	\$0	\$751	
	Boat Fuel		\$11,205	\$18	\$11,223	
	Boat Rental		\$160	\$3	\$163	
	Charter Fees		\$0	\$0	\$0	
	Fish Processing		\$0	\$0	\$0	
	Food from Grocery Stores		\$3,674	\$9	\$3,683	
	Food from Restaurants		\$261	\$8	\$268	
	Gifts & Souvenirs		\$0	\$13	\$13	
	Ice		\$2,204	\$2	\$2,206	
	Lodging		\$0	\$23	\$23	
	Parking & Site Access Fees		\$261	\$0	\$261	
	Public Transportation		\$4	\$19	\$23	
	Tournament Fees		\$13	\$0	\$13	
	Private Boat Trip Total			\$21,171	\$102	\$21,273
	Shore		Auto Fuel	\$12,272	\$15	\$12,287
		Auto Rental	\$0	\$23	\$23	
		Bait	\$3,941	\$2	\$3,944	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$19,901	\$3	\$19,905	
		Food from Restaurants	\$5,366	\$3	\$5,369	
		Gifts & Souvenirs	\$0	\$5	\$5	
		Ice	\$3,298	\$0	\$3,298	
		Lodging	\$11	\$11	\$23	
		Parking & Site Access Fees	\$11	\$1	\$12	
		Public Transportation	\$0	\$5	\$5	
		Tournament Fees	\$0	\$0	\$0	
Shore Trip Total			\$44,801	\$69	\$44,871	
ALL TRIP MODES TOTAL			\$68,932	\$36,889	\$105,823	

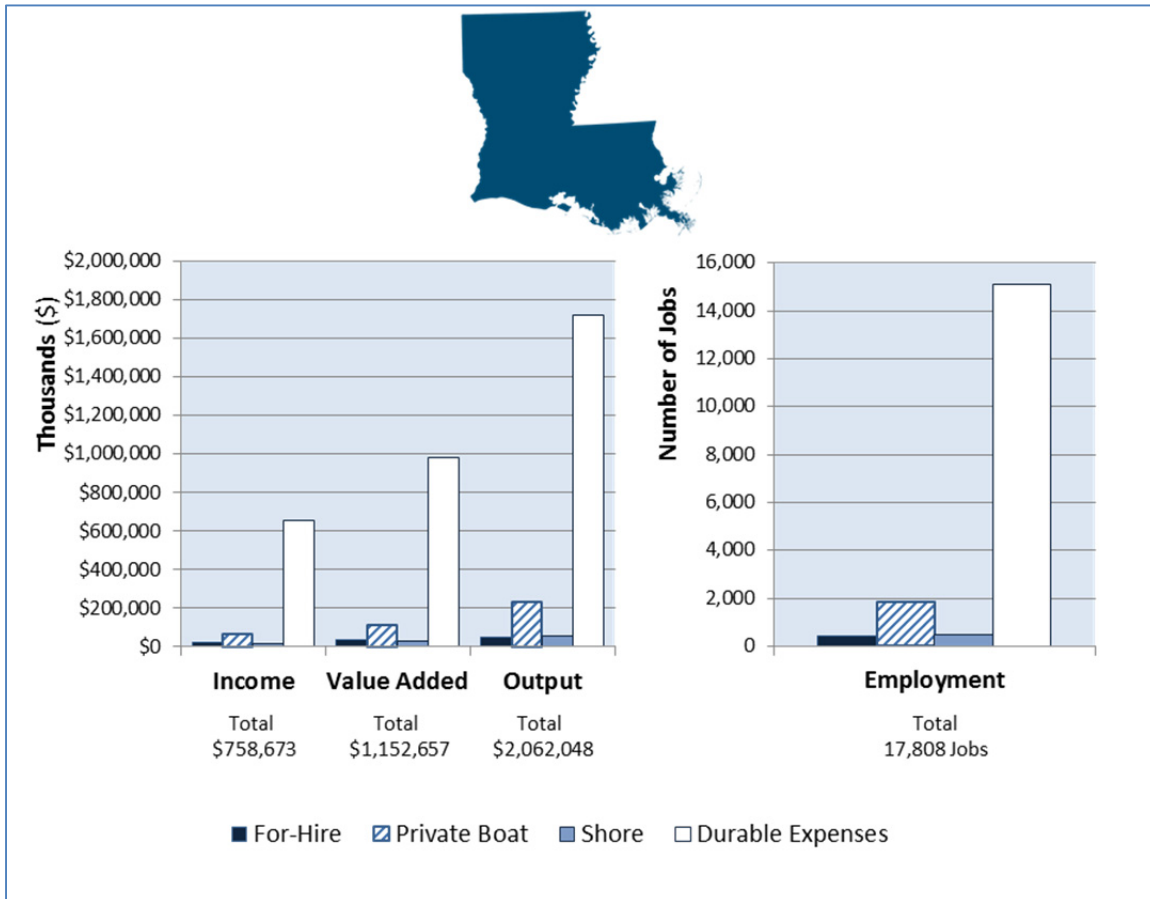
Table HI_4 Cont.:

Total Expenditures by Mode and Resident Status in Hawaii, 2011 (\$1,000s)

Hawaii		Resident Status		
Expenditure Type	Expenditure Category		Non-Resident	All Anglers
Durable	Tackle	\$12,241	\$44	\$12,285
	Rods & Reels	\$53,133	\$47	\$53,181
	Spearfishing Gear	\$1,551	\$0	\$1,551
	Binoculars	\$665	\$0	\$665
	Camping Equipment	\$4,628	\$0	\$4,628
	Clothing	\$1,382	\$8	\$1,389
	Club Dues	\$744	\$0	\$744
	License Fees	\$1,723	\$0	\$1,724
	Magazine Subscriptions	\$1,166	\$0	\$1,166
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$50,503	\$14	\$50,517
	Used Boat Purchase	\$3	\$0	\$3
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$1,247	\$0	\$1,247
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$1,234	\$0	\$1,234
	Boat Maintenance	\$7,506	\$0	\$7,506
	Boat Registration	\$5,015	\$0	\$5,015
	Boat Storage	\$971	\$0	\$971
	Boat Purchase Fees	\$73	\$7	\$80
	New Vehicle Purchase	\$20,609	\$0	\$20,609
	Used Vehicle Purchase	\$4,800	\$0	\$4,800
	Vehicle Insurance	\$3,873	\$0	\$3,873
	Vehicle Maintenance	\$3,147	\$0	\$3,147
	Vehicle Registration	\$1,458	\$0	\$1,458
	Vehicle Purchase Fees	\$1,295	\$0	\$1,295
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$0	\$0
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
Total Annual	\$178,969	\$120	\$179,089	
TRIP AND DURABLE GRAND TOTAL		\$247,901	\$37,009	\$284,912

Louisiana

Figure LA_1. Total Economic Impacts Generated in Louisiana in 2011



Total angler expenditures on marine recreational fishing in Louisiana were \$1.9 billion in 2011. Trip expenditures were \$261 million and expenditures on durable goods were \$1.6 billion. Marine angling trip expenditures were 14% of total angling expenditures and durable good expenditures were the remaining 86%. For-hire fishing trip expenditures totaled \$33 million, private boat trip expenditures totaled \$181 million, and shore fishing trips totaled \$47 million. Mean trip expenditures by residents on for-hire fishing trips were \$268, \$55.88 on private boat trips, and \$43.46 for shore trips. Non-resident mean trip expenditures were \$324.54, \$72.86, and \$66.98 respectively. Residents spent \$218 million on trip expenses; \$12 million on for-hire trips, \$164 million on private boat trips, and \$42 million on shore trips. Non-residents spent \$43 million on trip expenses; \$21 million on for-hire trips, \$17 million on private boat trips, and \$4.5 million on shore trips. Resident spending on durable goods purchased in Louisiana totaled \$1.6 billion; non-resident spending on durable goods totaled \$20 million. Marine recreational fishing in Louisiana contributed 18 thousand jobs to the state's economy, generated \$2.1 billion in output (sales), \$1.2 billion to the state's gross domestic product, and \$759 million in income. Trip expenditures generated approximately 2.7 thousand jobs and durable expenses generated 15 thousand jobs. Marine angling trip expenditures supported 15% of total employment, and durable expenditures supported the remaining 85%.

Table LA_1. Total Economic Impacts Generated in Louisiana in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$33,305	415	\$24,468	\$35,528	\$51,668
	Private Boat	\$181,222	1,838	\$64,456	\$111,165	\$231,334
	Shore	\$46,567	474	\$15,390	\$26,710	\$57,347
	All Modes	\$261,093	2,727	\$104,314	\$173,403	\$340,349
Durable Expenses		\$1,618,377	15,081	\$654,359	\$979,254	\$1,721,699
Total Expenses		\$1,879,471	17,808	\$758,673	\$1,152,657	\$2,062,048

Table LA_2. Federal and State Tax Impacts Generated in Louisiana in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$2,081	\$0	\$128,851	\$12,265	\$6,898	\$150,095
Federal Tax	\$72,338	\$5,352	\$15,056	\$35,474	\$11,967	\$140,187
Total	\$74,419	\$5,352	\$143,907	\$47,739	\$18,865	\$290,282

**Table LA_3:
Mean Expenditures by Mode and Resident Status in Louisiana, 2011**

Louisiana			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trips	For-Hire	Auto Fuel	\$21.76	\$26.04	\$24.43	
		Auto Rental	\$0.00	\$0.86	\$0.54	
		Bait	\$0.86	\$0.50	\$0.63	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$187.70	\$210.92	\$202.22	
		Crew Tips	\$12.35	\$14.04	\$13.40	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$17.42	\$10.15	\$12.84	
		Food from Restaurants	\$10.88	\$16.21	\$14.23	
		Gifts & Souvenirs	\$0.03	\$0.05	\$0.04	
		Ice	\$0.25	\$0.01	\$0.10	
		Lodging	\$16.75	\$34.56	\$27.93	
		Parking & Site Access	\$0.00	\$0.00	\$0.00	
		Public Transportation	\$0.00	\$11.19	\$6.98	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$268.00	\$324.54
	Private Boat	Auto Fuel	\$17.41	\$22.27	\$17.74	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$5.60	\$5.21	\$5.57	
		Boat Fuel	\$17.29	\$10.93	\$16.86	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$7.91	\$9.55	\$8.02	
		Food from Restaurants	\$1.82	\$4.76	\$2.02	
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00	
		Ice	\$2.18	\$1.50	\$2.13	
		Lodging	\$1.02	\$16.72	\$2.10	
		Parking & Site Access	\$2.66	\$1.82	\$2.60	
		Public Transportation	\$0.00	\$0.10	\$0.01	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$55.88	\$72.86
	Shore	Auto Fuel	\$21.16	\$38.38	\$22.19	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$5.61	\$2.13	\$5.40	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$12.28	\$11.73	\$12.25	
		Food from Restaurants	\$1.17	\$4.26	\$1.34	
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00	
		Ice	\$2.12	\$0.77	\$2.04	
		Lodging	\$1.06	\$8.06	\$1.44	
		Parking & Site Access	\$0.05	\$0.00	\$0.05	
		Public Transportation	\$0.00	\$1.64	\$0.10	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
Trip Total			\$43.46	\$66.98	\$44.81	

Table LA_3 Cont.:
Mean Expenditures by Mode and Resident Status in Louisiana, 2011

Louisiana		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$132.71	\$29.64	\$111.42
	Rods & Reels	\$203.77	\$14.37	\$164.81
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$6.28	\$0.00	\$4.93
	Camping Equipment	\$25.48	\$0.86	\$19.93
	Clothing	\$42.10	\$3.28	\$33.38
	Club Dues	\$8.96	\$0.00	\$6.99
	License Fees	\$17.06	\$31.64	\$20.25
	Magazine Subscriptions	\$12.37	\$1.54	\$9.91
	Taxidermy	\$0.01	\$0.70	\$0.16
	New Boat Purchase	\$884.75	\$25.87	\$690.78
	Used Boat Purchase	\$7.73	\$0.00	\$5.99
	New Canoe Purchase	\$2.74	\$0.00	\$2.11
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$90.38	\$0.00	\$70.05
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$107.21	\$0.00	\$83.00
	Boat Maintenance	\$161.89	\$0.00	\$124.99
	Boat Registration	\$20.57	\$0.00	\$15.93
	Boat Storage	\$40.70	\$2.98	\$32.23
	Boat Purchase Fees	\$54.06	\$1.35	\$42.16
	New Vehicle Purchase	\$157.60	\$0.00	\$123.43
	Used Vehicle Purchase	\$71.87	\$0.00	\$56.29
	Vehicle Insurance	\$35.52	\$0.00	\$27.65
	Vehicle Maintenance	\$19.64	\$0.00	\$15.34
	Vehicle Registration	\$2.11	\$0.00	\$1.65
	Vehicle Purchase Fees	\$25.54	\$0.00	\$20.00
	New Home Purchase	\$98.06	\$0.00	\$76.81
	Second Home Insurance	\$0.02	\$0.00	\$0.01
	Second Home Maintenance	\$0.22	\$0.00	\$0.17
	Second Home Property Taxes	\$1.41	\$0.00	\$1.10
	Second Home Purchase Fees	\$12.90	\$0.00	\$10.10
	Real Estate Commissions	\$16.47	\$0.00	\$12.90
Total Annual		\$2,260.14	\$112.23	\$1,784.49

Table LA_4:

Total Expenditures by Mode and Resident Status in Louisiana, 2011 (\$1,000s)

Louisiana			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$1,001	\$1,683	\$2,684		
		Auto Rental	\$0	\$56	\$56		
		Bait	\$40	\$32	\$72		
		Boat Rental	\$0	\$0	\$0		
		Charter Fees	\$8,635	\$13,632	\$22,268		
		Crew Tips	\$568	\$907	\$1,476		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$801	\$656	\$1,457		
		Food from Restaurants	\$501	\$1,048	\$1,548		
		Gifts & Souvenirs	\$1	\$3	\$5		
		Ice	\$12	\$1	\$12		
		Lodging	\$771	\$2,234	\$3,004		
		Parking & Site Access Fees	\$0	\$0	\$0		
		Public Transportation	\$0	\$723	\$723		
		Tournament Fees	\$0	\$0	\$0		
		For-Hire Trip Total			\$12,330	\$20,975	\$33,305
		Private Boat	Auto Fuel	\$51,021	\$5,329	\$56,349	
	Auto Rental		\$0	\$0	\$0		
	Bait		\$16,411	\$1,247	\$17,658		
	Boat Fuel		\$50,669	\$2,615	\$53,284		
	Boat Rental		\$0	\$0	\$0		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$23,181	\$2,285	\$25,466		
	Food from Restaurants		\$5,334	\$1,139	\$6,473		
	Gifts & Souvenirs		\$0	\$0	\$0		
	Ice		\$6,389	\$359	\$6,747		
	Lodging		\$2,989	\$4,001	\$6,990		
	Parking & Site Access Fees		\$7,795	\$435	\$8,231		
	Public Transportation		\$0	\$24	\$24		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$163,788	\$17,434	\$181,222
	Shore		Auto Fuel	\$20,470	\$2,599	\$23,068	
		Auto Rental	\$0	\$0	\$0		
		Bait	\$5,427	\$144	\$5,571		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$11,879	\$794	\$12,674		
		Food from Restaurants	\$1,132	\$288	\$1,420		
		Gifts & Souvenirs	\$0	\$0	\$0		
		Ice	\$2,051	\$52	\$2,103		
		Lodging	\$1,025	\$546	\$1,571		
		Parking & Site Access Fees	\$48	\$0	\$48		
		Public Transportation	\$0	\$111	\$111		
		Tournament Fees	\$0	\$0	\$0		
Shore Trip Total				\$42,032	\$4,535	\$46,567	
ALL TRIP MODES TOTAL			\$218,150	\$42,944	\$261,094		

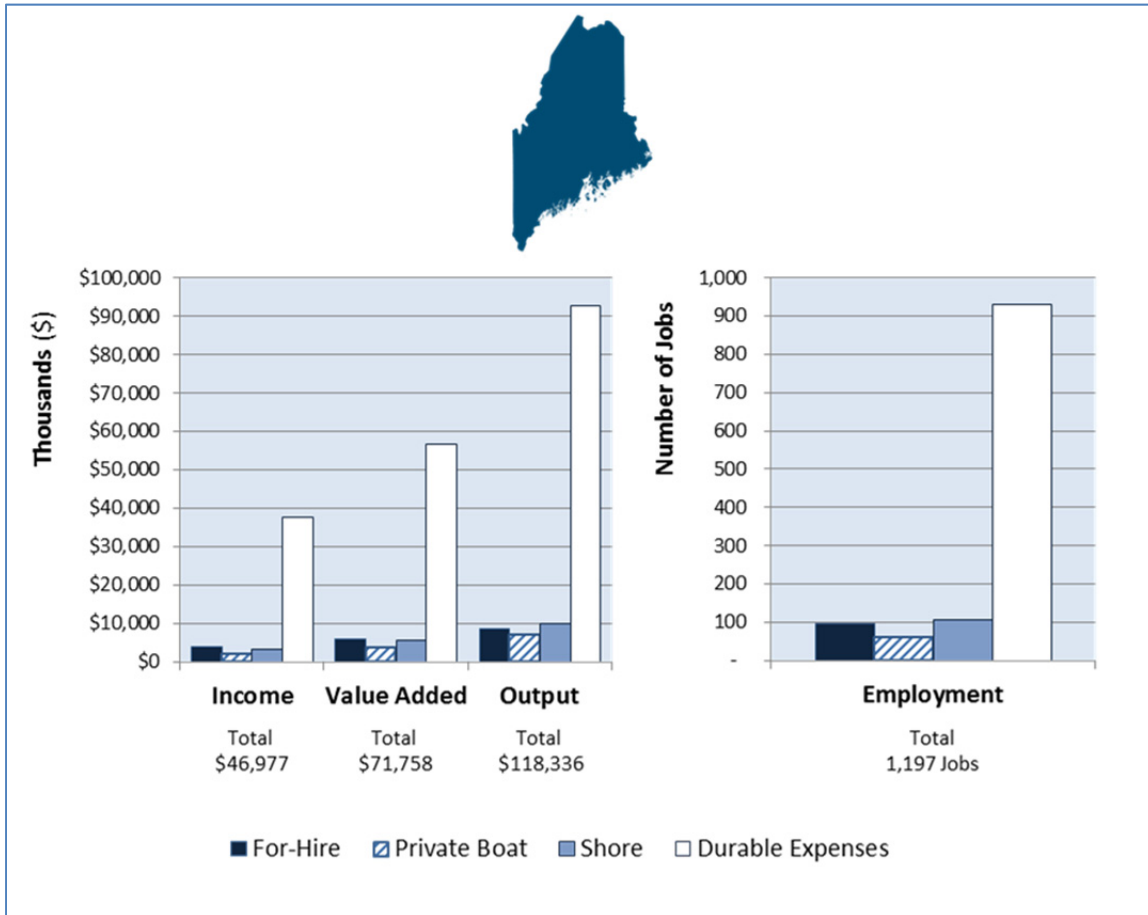
Table LA_4 Cont.:

Total Expenditures by Mode and Resident Status in Louisiana, 2011 (\$1,000s)

Louisiana		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$93,878	\$5,171	\$99,049
	Rods & Reels	\$144,145	\$2,507	\$146,652
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$4,442	\$0	\$4,442
	Camping Equipment	\$18,024	\$150	\$18,174
	Clothing	\$29,781	\$572	\$30,353
	Club Dues	\$6,338	\$0	\$6,338
	License Fees	\$12,068	\$5,520	\$17,588
	Magazine Subscriptions	\$8,750	\$269	\$9,019
	Taxidermy	\$7	\$122	\$129
	New Boat Purchase	\$625,865	\$4,513	\$630,378
	Used Boat Purchase	\$5,468	\$0	\$5,468
	New Canoe Purchase	\$1,938	\$0	\$1,938
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$63,934	\$0	\$63,934
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$75,839	\$0	\$75,839
	Boat Maintenance	\$114,520	\$0	\$114,520
	Boat Registration	\$14,551	\$0	\$14,551
	Boat Storage	\$28,791	\$520	\$29,311
	Boat Purchase Fees	\$38,242	\$236	\$38,477
	New Vehicle Purchase	\$111,485	\$0	\$111,485
	Used Vehicle Purchase	\$50,840	\$0	\$50,840
	Vehicle Insurance	\$25,127	\$0	\$25,127
	Vehicle Maintenance	\$13,893	\$0	\$13,893
	Vehicle Registration	\$1,493	\$0	\$1,493
	Vehicle Purchase Fees	\$18,067	\$0	\$18,067
	New Home Purchase	\$69,367	\$0	\$69,367
	Second Home Insurance	\$14	\$0	\$14
	Second Home Maintenance	\$156	\$0	\$156
	Second Home Property Taxes	\$997	\$0	\$997
	Second Home Purchase Fees	\$9,125	\$0	\$9,125
	Real Estate Commissions	\$11,651	\$0	\$11,651
Total Annual	\$1,598,798	\$19,579	\$1,618,377	
TRIP AND DURABLE GRAND TOTAL		\$1,816,948	\$62,523	\$1,879,471

Maine

Figure ME_1. Total Economic Impacts Generated in Maine in 2011



Total angler expenditures on marine recreational fishing in Maine were \$95 million in 2011. Trip expenditures were \$19 million and expenditures on durable goods were \$75 million. Marine angling trip expenditures were 20% of total angling expenditures and durable good expenditures were the remaining 80%. For-hire fishing trip expenditures totaled \$5.6 million, private boat trip expenditures totaled \$6.4 million, and shore fishing trips totaled \$7.3 million. Mean trip expenditures by residents on for-hire fishing trips were \$173.69, \$26.98 on private boat trips, and \$11.94 for shore trips. Non-resident mean trip expenditures were \$366.91, \$28.48, and \$94.69 respectively. Residents spent \$6.8 million on trip expenses; \$901 thousand on for-hire trips, \$4.3 million on private boat trips, and \$1.6 million on shore trips. Non-residents spent \$13 million on trip expenses; \$4.7 million on for-hire trips, \$2.2 million on private boat trips, and \$5.7 million on shore trips. Resident spending on durable goods purchased in Maine totaled \$70 million; non-resident spending on durable goods totaled \$5.5 million. Marine recreational fishing in Maine contributed 1.2 thousand jobs to the state's economy, generated \$118 million in output (sales), \$72 million to the state's gross domestic product, and \$47 million in income. Trip expenditures generated approximately 267 jobs and durable expenses generated 930 jobs. Marine angling trip expenditures supported 22% of total employment, and durable expenditures supported the remaining 78%.

Table ME_1. Total Economic Impacts Generated in Maine in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$5,573	97	\$3,818	\$5,763	\$8,551
	Private Boat	\$6,449	63	\$2,174	\$3,796	\$7,145
	Shore	\$7,303	107	\$3,191	\$5,498	\$9,904
	All Modes	\$19,325	267	\$9,183	\$15,056	\$25,600
Durable Expenses		\$75,264	930	\$37,794	\$56,703	\$92,736
Total Expenses		\$94,589	1,197	\$46,977	\$71,758	\$118,336

Table ME_2. Federal and State Tax Impacts Generated in Maine in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$70	\$0	\$7,575	\$1,410	\$661	\$9,717
Federal Tax	\$4,954	\$336	\$895	\$2,088	\$783	\$9,056
Total	\$5,025	\$336	\$8,470	\$3,498	\$1,444	\$18,773

**Table ME_3:
Mean Expenditures by Mode and Resident Status in Maine, 2011**

Maine			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trips	For-Hire	Auto Fuel	\$10.68	\$47.48	\$33.44	
		Auto Rental	\$0.00	\$6.70	\$4.11	
		Bait	\$0.00	\$0.02	\$0.01	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$139.88	\$152.93	\$147.92	
		Crew Tips	\$8.72	\$3.90	\$5.77	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$9.15	\$12.30	\$11.10	
		Food from Restaurants	\$1.96	\$34.61	\$22.16	
		Gifts & Souvenirs	\$0.00	\$35.46	\$21.74	
		Ice	\$0.02	\$0.21	\$0.14	
		Lodging	\$2.06	\$60.22	\$37.90	
		Parking & Site Access	\$1.21	\$2.88	\$2.24	
		Public Transportation	\$0.00	\$10.19	\$6.22	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$173.69	\$366.91
	Private Boat	Auto Fuel	\$6.02	\$11.23	\$6.88	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$1.23	\$0.36	\$1.09	
		Boat Fuel	\$16.61	\$3.55	\$14.57	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$2.46	\$2.65	\$2.49	
		Food from Restaurants	\$0.17	\$7.55	\$1.35	
		Gifts & Souvenirs	\$0.00	\$0.14	\$0.02	
		Ice	\$0.15	\$0.16	\$0.15	
		Lodging	\$0.00	\$2.84	\$0.45	
		Parking & Site Access	\$0.35	\$0.00	\$0.30	
		Public Transportation	\$0.00	\$0.01	\$0.00	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$26.98	\$28.48
	Shore	Auto Fuel	\$8.09	\$21.41	\$11.86	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$0.51	\$1.17	\$0.70	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$1.79	\$10.87	\$4.39	
		Food from Restaurants	\$1.22	\$14.55	\$5.06	
		Gifts & Souvenirs	\$0.00	\$5.01	\$1.44	
		Ice	\$0.05	\$0.10	\$0.07	
		Lodging	\$0.18	\$40.11	\$11.66	
Parking & Site Access		\$0.10	\$1.44	\$0.49		
Public Transportation		\$0.00	\$0.02	\$0.00		
Tournament Fees		\$0.00	\$0.00	\$0.00		
Trip Total				\$11.94	\$94.69	\$35.68

Table ME_3 Cont.:
Mean Expenditures by Mode and Resident Status in Maine, 2011

Maine		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$131.37	\$17.77	\$91.56
	Rods & Reels	\$85.35	\$9.62	\$58.48
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.00	\$0.00	\$0.00
	Camping Equipment	\$6.50	\$0.00	\$4.29
	Clothing	\$21.58	\$1.84	\$14.56
	Club Dues	\$0.00	\$0.00	\$0.00
	License Fees	\$13.91	\$13.86	\$13.89
	Magazine Subscriptions	\$0.00	\$0.06	\$0.02
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$263.31	\$0.00	\$168.13
	Used Boat Purchase	\$0.00	\$18.56	\$6.85
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$81.53	\$0.00	\$52.06
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$82.15	\$0.00	\$52.39
	Boat Maintenance	\$170.20	\$0.00	\$107.14
	Boat Registration	\$48.02	\$0.00	\$30.35
	Boat Storage	\$50.89	\$0.00	\$39.06
	Boat Purchase Fees	\$6.26	\$0.00	\$4.00
	New Vehicle Purchase	\$0.00	\$0.00	\$0.00
	Used Vehicle Purchase	\$0.00	\$0.00	\$0.00
	Vehicle Insurance	\$0.00	\$0.00	\$0.00
	Vehicle Maintenance	\$0.00	\$0.00	\$0.00
	Vehicle Registration	\$0.00	\$0.00	\$0.00
	Vehicle Purchase Fees	\$0.00	\$0.00	\$0.00
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$0.45	\$0.16
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$961.06	\$62.17	\$642.95

Table ME_4:

Total Expenditures by Mode and Resident Status in Maine, 2011 (\$1,000s)

Maine			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$55	\$605	\$660	
		Auto Rental	\$0	\$85	\$85	
		Bait	\$0	\$0	\$0	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$726	\$1,947	\$2,673	
		Crew Tips	\$45	\$50	\$95	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$47	\$157	\$204	
		Food from Restaurants	\$10	\$441	\$451	
		Gifts & Souvenirs	\$0	\$451	\$451	
		Ice	\$0	\$3	\$3	
		Lodging	\$11	\$767	\$777	
		Parking & Site Access Fees	\$6	\$37	\$43	
		Public Transportation	\$0	\$130	\$130	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total			\$901	\$4,671
	Private Boat	Auto Fuel	\$953	\$858	\$1,811	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$195	\$28	\$222	
		Boat Fuel	\$2,629	\$271	\$2,900	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$389	\$203	\$592	
		Food from Restaurants	\$27	\$577	\$604	
		Gifts & Souvenirs	\$0	\$11	\$11	
		Ice	\$24	\$12	\$36	
		Lodging	\$0	\$217	\$217	
		Parking & Site Access Fees	\$55	\$0	\$55	
		Public Transportation	\$0	\$1	\$1	
		Tournament Fees	\$0	\$0	\$0	
		Private Boat Trip Total			\$4,271	\$2,177
	Shore	Auto Fuel	\$1,088	\$1,288	\$2,377	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$69	\$70	\$139	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$241	\$654	\$895	
		Food from Restaurants	\$164	\$875	\$1,040	
		Gifts & Souvenirs	\$0	\$301	\$301	
		Ice	\$7	\$6	\$13	
		Lodging	\$24	\$2,413	\$2,438	
Parking & Site Access Fees		\$13	\$87	\$100		
Public Transportation		\$0	\$1	\$1		
Tournament Fees		\$0	\$0	\$0		
Shore Trip Total				\$1,606	\$5,697	\$7,303
ALL TRIP MODES TOTAL			\$6,778	\$12,545	\$19,325	

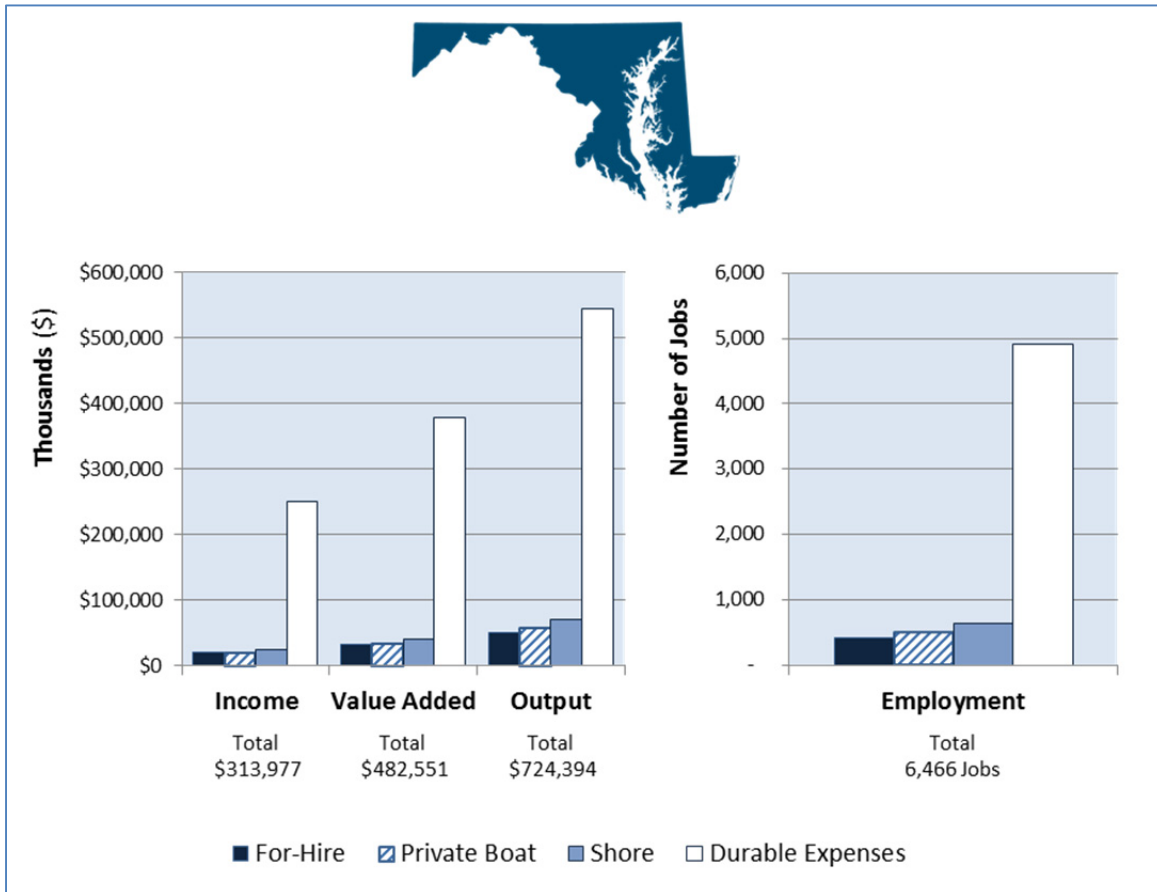
Table ME_4 Cont.:

Total Expenditures by Mode and Resident Status in Maine, 2011 (\$1,000s)

Maine		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$9,530	\$1,585	\$11,115
	Rods & Reels	\$6,192	\$858	\$7,050
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$0	\$0	\$0
	Camping Equipment	\$472	\$0	\$472
	Clothing	\$1,565	\$164	\$1,730
	Club Dues	\$0	\$0	\$0
	License Fees	\$1,009	\$1,236	\$2,245
	Magazine Subscriptions	\$0	\$5	\$5
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$19,102	\$0	\$19,102
	Used Boat Purchase	\$0	\$1,656	\$1,656
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$5,915	\$0	\$5,915
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$5,959	\$0	\$5,959
	Boat Maintenance	\$12,347	\$0	\$12,347
	Boat Registration	\$3,484	\$0	\$3,484
	Boat Storage	\$3,692	\$0	\$3,692
	Boat Purchase Fees	\$454	\$0	\$454
	New Vehicle Purchase	\$0	\$0	\$0
	Used Vehicle Purchase	\$0	\$0	\$0
	Vehicle Insurance	\$0	\$0	\$0
	Vehicle Maintenance	\$0	\$0	\$0
	Vehicle Registration	\$0	\$0	\$0
	Vehicle Purchase Fees	\$0	\$0	\$0
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$40	\$40
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
	Total Annual	\$69,720	\$5,545	\$75,264
TRIP AND DURABLE GRAND TOTAL		\$76,498	\$18,090	\$94,589

Maryland

Figure MD_1. Total Economic Impacts Generated in Maryland in 2011



Total angler expenditures on marine recreational fishing in Maryland were \$809 million in 2011. Trip expenditures were \$149 million and expenditures on durable goods were \$660 million. Marine angling trip expenditures were 18% of total angling expenditures and durable good expenditures were the remaining 82%. For-hire fishing trip expenditures totaled \$34 million, private boat trip expenditures totaled \$58 million, and shore fishing trips totaled \$57 million. Mean trip expenditures by residents on for-hire fishing trips were \$140.84, \$44.34 on private boat trips, and \$43.67 for shore trips. Non-resident mean trip expenditures were \$375.98, \$35.36, and \$67.38 respectively. Residents spent \$89 million on trip expenses; \$13 million on for-hire trips, \$46 million on private boat trips, and \$30 million on shore trips. Non-residents spent \$60 million on trip expenses; \$22 million on for-hire trips, \$12 million on private boat trips, and \$27 million on shore trips. Resident spending on durable goods purchased in Maryland totaled \$634 million; non-resident spending on durable goods totaled \$26 million. Marine recreational fishing in Maryland contributed 6.5 thousand jobs to the state's economy, generated \$724 million in output (sales), \$483 million to the state's gross domestic product, and \$314 million in income. Trip expenditures generated approximately 1.6 thousand jobs and durable expenses generated 4.9 thousand jobs. Marine angling trip expenditures supported 24% of total employment, and durable expenditures supported the remaining 76%.

Table MD_1. Total Economic Impacts Generated in Maryland in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$34,082	420	\$20,392	\$31,419	\$49,954
	Private Boat	\$57,765	486	\$19,794	\$33,176	\$58,430
	Shore	\$57,090	651	\$23,735	\$39,569	\$70,850
	All Modes	\$148,937	1,557	\$63,921	\$104,165	\$179,234
Durable Expenses		\$660,169	4,909	\$250,056	\$378,386	\$545,159
Total Expenses		\$809,106	6,466	\$313,977	\$482,551	\$724,394

Table MD_2. Federal and State Tax Impacts Generated in Maryland in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$370	\$0	\$54,751	\$14,010	\$3,326	\$72,457
Federal Tax	\$32,063	\$1,175	\$8,389	\$27,623	\$5,094	\$74,346
Total	\$32,433	\$1,175	\$63,140	\$41,634	\$8,421	\$146,803

Table MD_3:
Mean Expenditures by Mode and Resident Status in Maryland, 2011

Maryland			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trips	For-Hire	Auto Fuel	\$17.37	\$39.37	\$25.96	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$0.61	\$6.38	\$2.81	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$92.01	\$74.29	\$85.05	
		Crew Tips	\$6.36	\$3.28	\$5.15	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$11.40	\$41.30	\$23.14	
		Food from Restaurants	\$8.39	\$46.62	\$23.57	
		Gifts & Souvenirs	\$1.31	\$0.88	\$1.14	
		Ice	\$1.11	\$3.79	\$2.12	
		Lodging	\$2.28	\$17.37	\$8.20	
		Parking & Site Access	\$0.00	\$0.03	\$0.01	
		Public Transportation	\$0.00	\$0.00	\$0.00	
		Tournament Fees	\$0.00	\$104.68	\$41.21	
		Trip Total			\$140.84	\$375.98
	Private Boat	Auto Fuel	\$14.43	\$14.13	\$14.36	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$4.48	\$4.05	\$4.37	
		Boat Fuel	\$13.87	\$6.91	\$12.14	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$6.57	\$5.14	\$6.21	
		Food from Restaurants	\$1.61	\$2.29	\$1.78	
		Gifts & Souvenirs	\$0.00	\$0.02	\$0.00	
		Ice	\$1.55	\$1.39	\$1.51	
		Lodging	\$0.00	\$0.85	\$0.21	
		Parking & Site Access	\$1.83	\$0.59	\$1.53	
		Public Transportation	\$0.00	\$0.00	\$0.00	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total			\$44.34	\$35.36
	Shore	Auto Fuel	\$18.44	\$19.45	\$18.81	
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$7.72	\$6.04	\$7.11	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$8.49	\$7.77	\$8.23	
		Food from Restaurants	\$3.61	\$9.06	\$5.58	
		Gifts & Souvenirs	\$0.00	\$0.08	\$0.03	
		Ice	\$1.10	\$0.80	\$0.99	
		Lodging	\$2.97	\$22.58	\$10.13	
Parking & Site Access		\$1.33	\$1.61	\$1.43		
Public Transportation		\$0.00	\$0.00	\$0.00		
Tournament Fees		\$0.00	\$0.00	\$0.00		
Trip Total				\$43.67	\$67.38	\$52.31

Table MD_3 Cont.:
Mean Expenditures by Mode and Resident Status in Maryland, 2011

Maryland		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$109.10	\$15.77	\$57.09
	Rods & Reels	\$121.57	\$12.49	\$60.22
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$2.22	\$0.00	\$1.02
	Camping Equipment	\$1.89	\$0.00	\$0.87
	Clothing	\$11.78	\$1.13	\$6.11
	Club Dues	\$3.34	\$0.00	\$1.56
	License Fees	\$29.25	\$11.97	\$19.61
	Magazine Subscriptions	\$4.50	\$0.00	\$2.09
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$685.59	\$31.52	\$311.86
	Used Boat Purchase	\$23.21	\$1.89	\$11.03
	New Canoe Purchase	\$0.80	\$0.00	\$0.34
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$86.81	\$0.00	\$36.85
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$50.42	\$0.00	\$21.39
	Boat Maintenance	\$98.10	\$0.00	\$41.82
	Boat Registration	\$29.00	\$0.00	\$12.46
	Boat Storage	\$34.08	\$0.00	\$14.56
	Boat Purchase Fees	\$23.45	\$0.46	\$10.31
	New Vehicle Purchase	\$102.82	\$0.00	\$47.47
	Used Vehicle Purchase	\$99.63	\$0.00	\$45.99
	Vehicle Insurance	\$22.29	\$0.00	\$10.18
	Vehicle Maintenance	\$10.26	\$0.00	\$4.71
	Vehicle Registration	\$5.26	\$0.00	\$2.41
	Vehicle Purchase Fees	\$27.51	\$0.00	\$12.70
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.37	\$0.00	\$0.17
	Second Home Purchase Fees	\$0.67	\$0.00	\$0.31
	Real Estate Commissions	\$1.25	\$0.00	\$0.58
	Total Annual	\$1,585.18	\$75.23	\$733.70

Table MD_4:

Total Expenditures by Mode and Resident Status in Maryland, 2011 (\$1,000s)

Maryland			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$1,550	\$2,253	\$3,803	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$54	\$365	\$420	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$8,208	\$4,251	\$12,460	
		Crew Tips	\$567	\$188	\$755	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$1,017	\$2,364	\$3,381	
		Food from Restaurants	\$748	\$2,668	\$3,416	
		Gifts & Souvenirs	\$117	\$50	\$167	
		Ice	\$99	\$217	\$316	
		Lodging	\$203	\$994	\$1,197	
		Parking & Site Access Fees	\$0	\$2	\$2	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$5,991	\$5,991	
		For-Hire Trip Total			\$12,565	\$21,517
	Private Boat	Auto Fuel	\$15,055	\$4,596	\$19,651	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$4,674	\$1,317	\$5,991	
		Boat Fuel	\$14,471	\$2,247	\$16,718	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$6,855	\$1,672	\$8,526	
		Food from Restaurants	\$1,680	\$745	\$2,425	
		Gifts & Souvenirs	\$0	\$7	\$7	
		Ice	\$1,617	\$452	\$2,069	
		Lodging	\$0	\$276	\$276	
		Parking & Site Access Fees	\$1,909	\$192	\$2,101	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
		Private Boat Trip Total			\$46,261	\$11,504
	Shore	Auto Fuel	\$12,805	\$7,727	\$20,532	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$5,361	\$2,400	\$7,760	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$5,895	\$3,087	\$8,982	
		Food from Restaurants	\$2,507	\$3,599	\$6,106	
		Gifts & Souvenirs	\$0	\$32	\$32	
		Ice	\$764	\$318	\$1,082	
		Lodging	\$2,062	\$8,970	\$11,033	
Parking & Site Access Fees		\$924	\$640	\$1,563		
Public Transportation		\$0	\$0	\$0		
Tournament Fees		\$0	\$0	\$0		
Shore Trip Total				\$30,318	\$26,772	\$57,090
ALL TRIP MODES TOTAL			\$89,144	\$59,793	\$148,937	

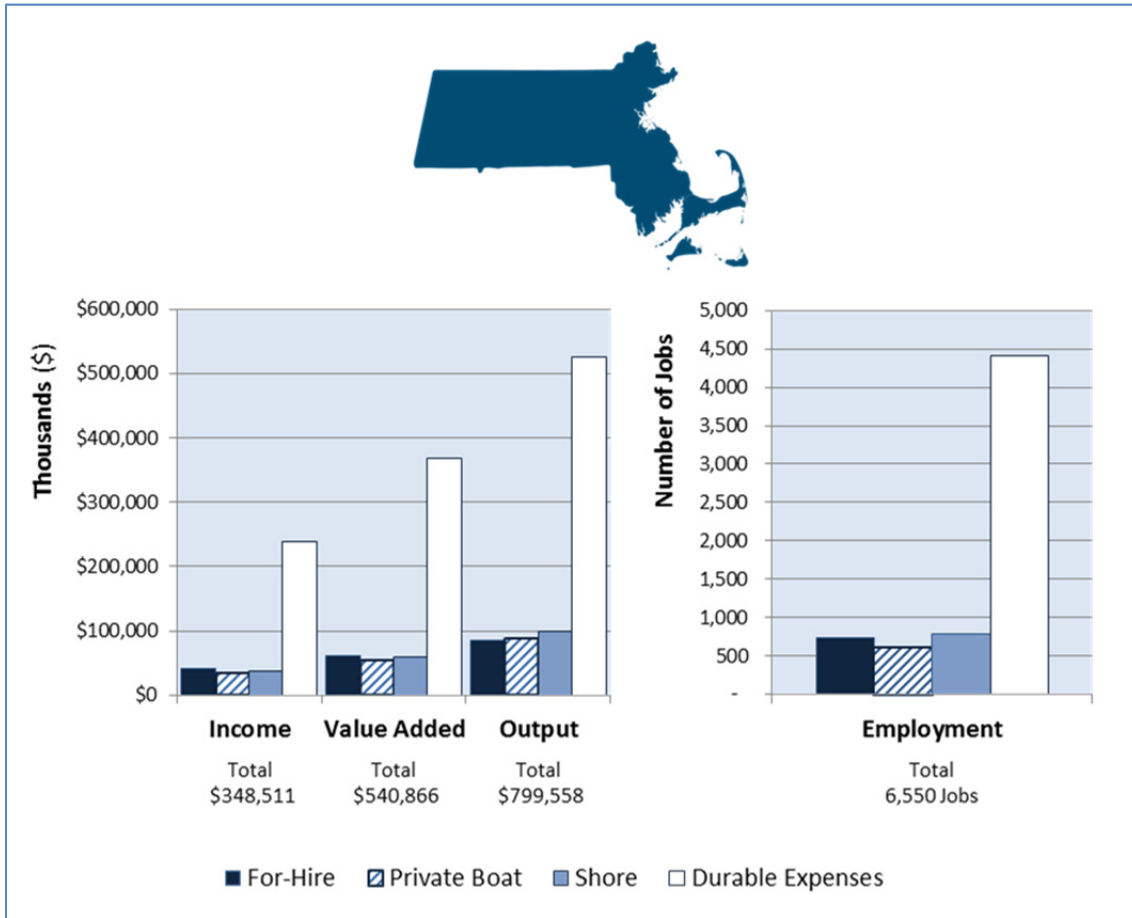
Table MD_4 Cont.:

Total Expenditures by Mode and Resident Status in Maryland, 2011 (\$1,000s)

Maryland		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$43,651	\$5,439	\$49,089
	Rods & Reels	\$48,640	\$4,307	\$52,947
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$888	\$0	\$888
	Camping Equipment	\$756	\$0	\$756
	Clothing	\$4,713	\$390	\$5,103
	Club Dues	\$1,336	\$0	\$1,336
	License Fees	\$11,703	\$4,128	\$15,831
	Magazine Subscriptions	\$1,800	\$0	\$1,800
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$274,304	\$10,870	\$285,174
	Used Boat Purchase	\$9,286	\$652	\$9,938
	New Canoe Purchase	\$320	\$0	\$320
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$34,733	\$0	\$34,733
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$20,173	\$0	\$20,173
	Boat Maintenance	\$39,250	\$0	\$39,250
	Boat Registration	\$11,603	\$0	\$11,603
	Boat Storage	\$13,635	\$0	\$13,635
	Boat Purchase Fees	\$9,382	\$159	\$9,541
	New Vehicle Purchase	\$41,138	\$0	\$41,138
	Used Vehicle Purchase	\$39,862	\$0	\$39,862
	Vehicle Insurance	\$8,918	\$0	\$8,918
	Vehicle Maintenance	\$4,105	\$0	\$4,105
	Vehicle Registration	\$2,105	\$0	\$2,105
	Vehicle Purchase Fees	\$11,007	\$0	\$11,007
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$148	\$0	\$148
	Second Home Purchase Fees	\$268	\$0	\$268
	Real Estate Commissions	\$500	\$0	\$500
	Total Annual	\$634,225	\$25,945	\$660,170
TRIP AND DURABLE GRAND TOTAL		\$723,369	\$85,738	\$809,107

Massachusetts

Figure MA_1. Total Economic Impacts Generated in Massachusetts in 2011



Total angler expenditures on marine recreational fishing in Massachusetts were \$722 million in 2011. Trip expenditures were \$198 million and expenditures on durable goods were \$524 million. Marine angling trip expenditures were 27% of total angling expenditures and durable good expenditures were the remaining 73%. For-hire fishing trip expenditures totaled \$52 million, private boat trip expenditures totaled \$78 million, and shore fishing trips totaled \$69 million. Mean trip expenditures by residents on for-hire fishing trips were \$169.89, \$60.17 on private boat trips, and \$40.19 for shore trips. Non-resident mean trip expenditures were \$450.99, \$75.32, and \$144.93 respectively. Residents spent \$114 million on trip expenses; \$13 million on for-hire trips, \$63 million on private boat trips, and \$38 million on shore trips. Non-residents spent \$84 million on trip expenses; \$39 million on for-hire trips, \$15 million on private boat trips, and \$31 million on shore trips. Resident spending on durable goods purchased in Massachusetts totaled \$477 million; non-resident spending on durable goods totaled \$47 million. Marine recreational fishing in Massachusetts contributed 6.6 thousand jobs to the state's economy, generated \$800 million in output (sales), \$541 million to the state's gross domestic product, and \$349 million in income. Trip expenditures generated approximately 2.1 thousand jobs and durable expenses generated 4.4 thousand jobs. Marine angling trip expenditures supported 33% of total employment, and durable expenditures supported the remaining 67%.

Table MA_1. Total Economic Impacts Generated in Massachusetts in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$51,909	731	\$41,011	\$60,208	\$85,330
	Private Boat	\$77,600	609	\$32,542	\$53,908	\$88,088
	Shore	\$68,780	793	\$36,389	\$58,963	\$99,957
	All Modes	\$198,289	2,132	\$109,942	\$173,079	\$273,375
Durable Expenses		\$523,735	4,418	\$238,570	\$367,788	\$526,183
Total Expenses		\$722,024	6,550	\$348,511	\$540,866	\$799,558

Table MA_2. Federal and State Tax Impacts Generated in Massachusetts in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$1,227	\$0	\$57,467	\$12,417	\$4,877	\$75,989
Federal Tax	\$34,393	\$1,457	\$9,626	\$34,773	\$6,032	\$86,282
Total	\$35,620	\$1,457	\$67,093	\$47,190	\$10,910	\$162,271

Table MA_3:
Mean Expenditures by Mode and Resident Status in Massachusetts, 2011

Massachusetts			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$16.35	\$38.34	\$27.98
		Auto Rental	\$0.00	\$0.99	\$0.53
		Bait	\$0.04	\$0.08	\$0.06
		Boat Rental	\$0.00	\$2.44	\$1.30
		Charter Fees	\$116.53	\$250.69	\$188.42
		Crew Tips	\$8.78	\$12.88	\$10.96
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$7.60	\$19.26	\$13.80
		Food from Restaurants	\$11.71	\$28.35	\$20.65
		Gifts & Souvenirs	\$1.04	\$18.10	\$9.99
		Ice	\$0.24	\$0.23	\$0.23
		Lodging	\$6.32	\$60.36	\$34.97
		Parking & Site Access	\$0.45	\$4.83	\$2.80
		Public Transportation	\$0.21	\$14.41	\$7.80
		Tournament Fees	\$0.61	\$0.03	\$0.31
		Trip Total		\$169.89	\$450.99
	Private Boat	Auto Fuel	\$17.02	\$19.63	\$17.39
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$5.24	\$4.50	\$5.13
		Boat Fuel	\$26.39	\$19.67	\$25.40
		Boat Rental	\$0.05	\$0.00	\$0.05
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$6.42	\$10.41	\$7.01
		Food from Restaurants	\$2.48	\$10.99	\$3.76
		Gifts & Souvenirs	\$0.00	\$0.98	\$0.14
		Ice	\$0.91	\$0.91	\$0.91
		Lodging	\$0.00	\$4.47	\$0.66
		Parking & Site Access	\$1.65	\$0.75	\$1.52
		Public Transportation	\$0.00	\$3.02	\$0.45
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$60.17	\$75.32
	Shore	Auto Fuel	\$14.75	\$19.48	\$15.64
		Auto Rental	\$0.00	\$1.70	\$0.31
		Bait	\$4.74	\$2.67	\$4.36
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$9.96	\$10.86	\$10.13
		Food from Restaurants	\$4.47	\$32.21	\$9.69
		Gifts & Souvenirs	\$0.23	\$3.77	\$0.86
		Ice	\$0.46	\$0.21	\$0.41
		Lodging	\$3.90	\$65.39	\$15.43
		Parking & Site Access	\$1.38	\$1.29	\$1.36
		Public Transportation	\$0.30	\$7.34	\$1.57
		Tournament Fees	\$0.00	\$0.00	\$0.00
Trip Total		\$40.19	\$144.93	\$59.76	

Table MA_3 Cont.:
Mean Expenditures by Mode and Resident Status in Massachusetts, 2011

Massachusetts		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$97.77	\$59.40	\$81.65
	Rods & Reels	\$124.48	\$8.31	\$76.07
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.96	\$0.00	\$0.55
	Camping Equipment	\$5.00	\$0.08	\$3.08
	Clothing	\$33.19	\$4.64	\$20.17
	Club Dues	\$1.66	\$0.00	\$0.96
	License Fees	\$10.23	\$10.44	\$10.32
	Magazine Subscriptions	\$9.75	\$2.22	\$6.48
	Taxidermy	\$0.00	\$0.10	\$0.04
	New Boat Purchase	\$216.37	\$103.10	\$166.84
	Used Boat Purchase	\$55.68	\$0.00	\$31.33
	New Canoe Purchase	\$0.09	\$0.00	\$0.05
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$28.80	\$0.00	\$16.17
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$40.44	\$0.00	\$22.68
	Boat Maintenance	\$57.99	\$0.00	\$32.41
	Boat Registration	\$13.67	\$0.00	\$7.65
	Boat Storage	\$12.68	\$0.00	\$7.14
	Boat Purchase Fees	\$3.11	\$4.65	\$3.79
	New Vehicle Purchase	\$53.54	\$0.00	\$30.35
	Used Vehicle Purchase	\$44.88	\$0.00	\$25.77
	Vehicle Insurance	\$45.28	\$0.00	\$25.66
	Vehicle Maintenance	\$40.07	\$0.00	\$22.87
	Vehicle Registration	\$4.82	\$0.00	\$2.73
	Vehicle Purchase Fees	\$2.68	\$0.00	\$1.54
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.93	\$0.00	\$0.54
	Second Home Purchase Fees	\$0.83	\$0.00	\$0.48
	Real Estate Commissions	\$1.88	\$0.00	\$1.09
	Total Annual		\$906.77	\$192.95

Table MA_4:

Total Expenditures by Mode and Resident Status in Massachusetts, 2011 (\$1,000s)

Massachusetts			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$1,289	\$3,274	\$4,563		
		Auto Rental	\$0	\$85	\$85		
		Bait	\$3	\$7	\$10		
		Boat Rental	\$0	\$208	\$208		
		Charter Fees	\$9,188	\$21,409	\$30,597		
		Crew Tips	\$692	\$1,100	\$1,792		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$599	\$1,645	\$2,244		
		Food from Restaurants	\$923	\$2,421	\$3,344		
		Gifts & Souvenirs	\$82	\$1,546	\$1,628		
		Ice	\$19	\$20	\$39		
		Lodging	\$498	\$5,155	\$5,653		
		Parking & Site Access Fees	\$35	\$412	\$448		
		Public Transportation	\$17	\$1,231	\$1,247		
		Tournament Fees	\$48	\$3	\$51		
		For-Hire Trip Total			\$13,394	\$38,515	\$51,909
		Private Boat	Auto Fuel	\$17,829	\$3,800	\$21,629	
	Auto Rental		\$0	\$0	\$0		
	Bait		\$5,489	\$871	\$6,360		
	Boat Fuel		\$27,644	\$3,808	\$31,451		
	Boat Rental		\$52	\$0	\$52		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$6,725	\$2,015	\$8,740		
	Food from Restaurants		\$2,598	\$2,127	\$4,725		
	Gifts & Souvenirs		\$0	\$190	\$190		
	Ice		\$953	\$176	\$1,129		
	Lodging		\$0	\$865	\$865		
	Parking & Site Access Fees		\$1,728	\$145	\$1,874		
	Public Transportation		\$0	\$585	\$585		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$63,018	\$14,582	\$77,600
	Shore		Auto Fuel	\$13,772	\$4,201	\$17,973	
		Auto Rental	\$0	\$367	\$367		
		Bait	\$4,426	\$576	\$5,002		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$9,300	\$2,342	\$11,642		
		Food from Restaurants	\$4,174	\$6,947	\$11,120		
		Gifts & Souvenirs	\$215	\$813	\$1,028		
		Ice	\$430	\$45	\$475		
		Lodging	\$3,641	\$14,102	\$17,744		
		Parking & Site Access Fees	\$1,289	\$278	\$1,567		
		Public Transportation	\$280	\$1,583	\$1,863		
		Tournament Fees	\$0	\$0	\$0		
Shore Trip Total				\$37,526	\$31,254	\$68,780	
ALL TRIP MODES TOTAL			\$113,938	\$84,351	\$198,289		

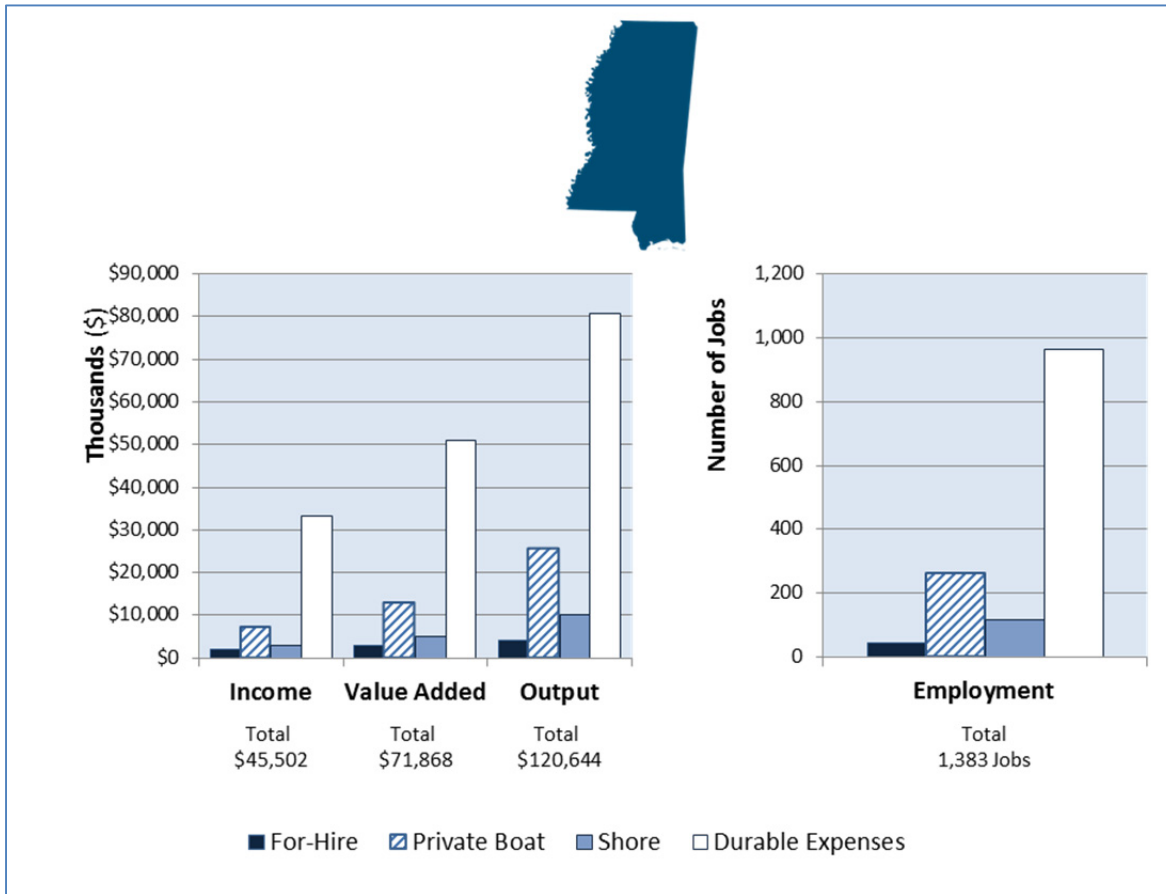
Table MA_4 Cont.:

Total Expenditures by Mode and Resident Status in Massachusetts, 2011 (\$1,000s)

Massachusetts		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$51,420	\$14,418	\$65,838
	Rods & Reels	\$65,468	\$2,017	\$67,485
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$505	\$0	\$505
	Camping Equipment	\$2,630	\$19	\$2,649
	Clothing	\$17,456	\$1,126	\$18,582
	Club Dues	\$873	\$0	\$873
	License Fees	\$5,380	\$2,534	\$7,914
	Magazine Subscriptions	\$5,128	\$539	\$5,667
	Taxidermy	\$0	\$24	\$24
	New Boat Purchase	\$113,796	\$25,024	\$138,820
	Used Boat Purchase	\$29,284	\$0	\$29,284
	New Canoe Purchase	\$47	\$0	\$47
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$15,147	\$0	\$15,147
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$21,269	\$0	\$21,269
	Boat Maintenance	\$30,499	\$0	\$30,499
	Boat Registration	\$7,189	\$0	\$7,189
	Boat Storage	\$6,669	\$0	\$6,669
	Boat Purchase Fees	\$1,636	\$1,129	\$2,764
	New Vehicle Purchase	\$28,158	\$0	\$28,158
	Used Vehicle Purchase	\$23,604	\$0	\$23,604
	Vehicle Insurance	\$23,814	\$0	\$23,814
	Vehicle Maintenance	\$21,074	\$0	\$21,074
	Vehicle Registration	\$2,535	\$0	\$2,535
	Vehicle Purchase Fees	\$1,409	\$0	\$1,409
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$489	\$0	\$489
	Second Home Purchase Fees	\$437	\$0	\$437
	Real Estate Commissions	\$989	\$0	\$989
Total Annual		\$476,905	\$46,830	\$523,735
TRIP AND DURABLE GRAND TOTAL		\$590,843	\$131,181	\$722,024

Mississippi

Figure MS_1. Total Economic Impacts Generated in Mississippi in 2011



Total angler expenditures on marine recreational fishing in Mississippi were \$149 million in 2011. Trip expenditures were \$42 million and expenditures on durable goods were \$107 million. Marine angling trip expenditures were 28% of total angling expenditures and durable good expenditures were the remaining 72%. For-hire fishing trip expenditures totaled \$2.9 million, private boat trip expenditures totaled \$29 million, and shore fishing trips totaled \$10 million. Mean trip expenditures by residents on for-hire fishing trips were \$292.91, \$37.96 on private boat trips, and \$15.10 for shore trips. Non-resident mean trip expenditures were \$253.44, \$42.27, and \$31.49 respectively. Residents spent \$37 million on trip expenses; \$1.1 million on for-hire trips, \$27 million on private boat trips, and \$8.9 million on shore trips. Non-residents spent \$4.6 million on trip expenses; \$1.7 million on for-hire trips, \$1.4 million on private boat trips, and \$1.5 million on shore trips. Resident spending on durable goods purchased in Mississippi totaled \$103 million; non-resident spending on durable goods totaled \$3.7 million. Marine recreational fishing in Mississippi contributed 1.4 thousand jobs to the state's economy, generated \$121 million in output (sales), \$72 million to the state's gross domestic product, and \$46 million in income. Trip expenditures generated approximately 418 jobs and durable expenses generated 965 jobs. Marine angling trip expenditures supported 30% of total employment, and durable expenditures supported the remaining 70%.

Table MS_1. Total Economic Impacts Generated in Mississippi in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$2,861	43	\$2,021	\$2,941	\$4,175
	Private Boat	\$28,743	259	\$7,395	\$13,021	\$25,600
	Shore	\$10,450	116	\$2,910	\$4,950	\$10,066
	All Modes	\$42,054	418	\$12,326	\$20,912	\$39,841
Durable Expenses		\$107,075	965	\$33,176	\$50,956	\$80,803
Total Expenses		\$149,129	1,383	\$45,502	\$71,868	\$120,644

Table MS_2. Federal and State Tax Impacts Generated in Mississippi in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$183	\$0	\$9,165	\$782	\$732	\$10,862
Federal Tax	\$4,596	\$470	\$1,013	\$1,634	\$773	\$8,486
Total	\$4,779	\$470	\$10,178	\$2,416	\$1,505	\$19,348

**Table MS_3:
Mean Expenditures by Mode and Resident Status in Mississippi, 2011**

Mississippi			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$24.21	\$19.22	\$20.67
		Auto Rental	\$0.00	\$12.38	\$8.71
		Bait	\$0.00	\$0.00	\$0.00
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$260.65	\$155.55	\$185.44
		Crew Tips	\$3.24	\$0.00	\$0.59
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$4.07	\$2.80	\$3.19
		Food from Restaurants	\$0.23	\$29.16	\$20.59
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$0.00	\$0.00	\$0.00
		Lodging	\$0.50	\$34.32	\$24.29
		Parking & Site Access	\$0.00	\$0.00	\$0.00
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$292.91	\$253.44
	Private Boat	Auto Fuel	\$10.09	\$15.96	\$10.32
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$4.31	\$2.02	\$4.22
		Boat Fuel	\$16.26	\$11.40	\$16.06
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$4.90	\$3.49	\$4.84
		Food from Restaurants	\$0.57	\$5.26	\$0.75
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$1.82	\$0.62	\$1.77
		Lodging	\$0.00	\$3.34	\$0.14
		Parking & Site Access	\$0.02	\$0.00	\$0.02
		Public Transportation	\$0.00	\$0.17	\$0.01
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$37.96	\$42.27
	Shore	Auto Fuel	\$7.58	\$15.41	\$8.22
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$3.23	\$2.53	\$3.18
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$2.91	\$6.33	\$3.18
		Food from Restaurants	\$0.42	\$1.62	\$0.51
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$0.84	\$0.48	\$0.81
		Lodging	\$0.12	\$5.12	\$0.51
		Parking & Site Access	\$0.00	\$0.00	\$0.00
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
Trip Total		\$15.10	\$31.49	\$16.41	

Table MS_3 Cont.:

Mean Expenditures by Mode and Resident Status in Mississippi, 2011

Mississippi		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$73.86	\$4.93	\$62.70
	Rods & Reels	\$87.61	\$23.47	\$77.22
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.42	\$0.00	\$0.34
	Camping Equipment	\$17.41	\$0.00	\$14.45
	Clothing	\$18.38	\$3.97	\$15.82
	Club Dues	\$0.15	\$0.00	\$0.13
	License Fees	\$14.17	\$18.12	\$14.92
	Magazine Subscriptions	\$1.53	\$0.00	\$1.25
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$87.03	\$0.64	\$70.72
	Used Boat Purchase	\$7.70	\$0.00	\$6.25
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$43.07	\$0.00	\$34.85
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$37.26	\$0.00	\$30.21
	Boat Maintenance	\$53.60	\$0.00	\$43.50
	Boat Registration	\$8.14	\$0.00	\$6.60
	Boat Storage	\$1.42	\$17.63	\$4.47
	Boat Purchase Fees	\$2.34	\$0.00	\$1.90
	New Vehicle Purchase	\$115.40	\$0.00	\$95.03
	Used Vehicle Purchase	\$14.42	\$0.00	\$11.87
	Vehicle Insurance	\$18.96	\$0.00	\$15.58
	Vehicle Maintenance	\$11.64	\$0.00	\$9.57
	Vehicle Registration	\$4.89	\$0.00	\$4.02
	Vehicle Purchase Fees	\$6.13	\$0.00	\$5.05
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.01	\$0.00	\$0.01
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.08	\$0.00	\$0.06
	Total Annual	\$625.60	\$68.77	\$526.52

Table MS_4:

Total Expenditures by Mode and Resident Status in Mississippi, 2011 (\$1,000s)

Mississippi			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$95	\$130	\$225		
		Auto Rental	\$0	\$84	\$84		
		Bait	\$0	\$0	\$0		
		Boat Rental	\$0	\$0	\$0		
		Charter Fees	\$1,022	\$1,051	\$2,073		
		Crew Tips	\$13	\$0	\$13		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$16	\$19	\$35		
		Food from Restaurants	\$1	\$197	\$198		
		Gifts & Souvenirs	\$0	\$0	\$0		
		Ice	\$0	\$0	\$0		
		Lodging	\$2	\$232	\$234		
		Parking & Site Access Fees	\$0	\$0	\$0		
		Public Transportation	\$0	\$0	\$0		
		Tournament Fees	\$0	\$0	\$0		
		For-Hire Trip Total			\$1,148	\$1,712	\$2,861
		Private Boat	Auto Fuel	\$7,270	\$523	\$7,793	
	Auto Rental		\$0	\$0	\$0		
	Bait		\$3,105	\$66	\$3,172		
	Boat Fuel		\$11,715	\$374	\$12,089		
	Boat Rental		\$0	\$0	\$0		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$3,530	\$114	\$3,645		
	Food from Restaurants		\$411	\$172	\$583		
	Gifts & Souvenirs		\$0	\$0	\$0		
	Ice		\$1,311	\$20	\$1,332		
	Lodging		\$0	\$110	\$110		
	Parking & Site Access Fees		\$14	\$0	\$14		
	Public Transportation		\$0	\$6	\$6		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$27,357	\$1,386	\$28,743
	Shore		Auto Fuel	\$4,484	\$743	\$5,227	
		Auto Rental	\$0	\$0	\$0		
		Bait	\$1,911	\$122	\$2,033		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$1,721	\$305	\$2,027		
		Food from Restaurants	\$248	\$78	\$327		
		Gifts & Souvenirs	\$0	\$0	\$0		
		Ice	\$497	\$23	\$520		
		Lodging	\$71	\$247	\$318		
		Parking & Site Access Fees	\$0	\$0	\$0		
		Public Transportation	\$0	\$0	\$0		
		Tournament Fees	\$0	\$0	\$0		
Shore Trip Total				\$8,932	\$1,519	\$10,450	
ALL TRIP MODES TOTAL			\$37,437	\$4,617	\$42,054		

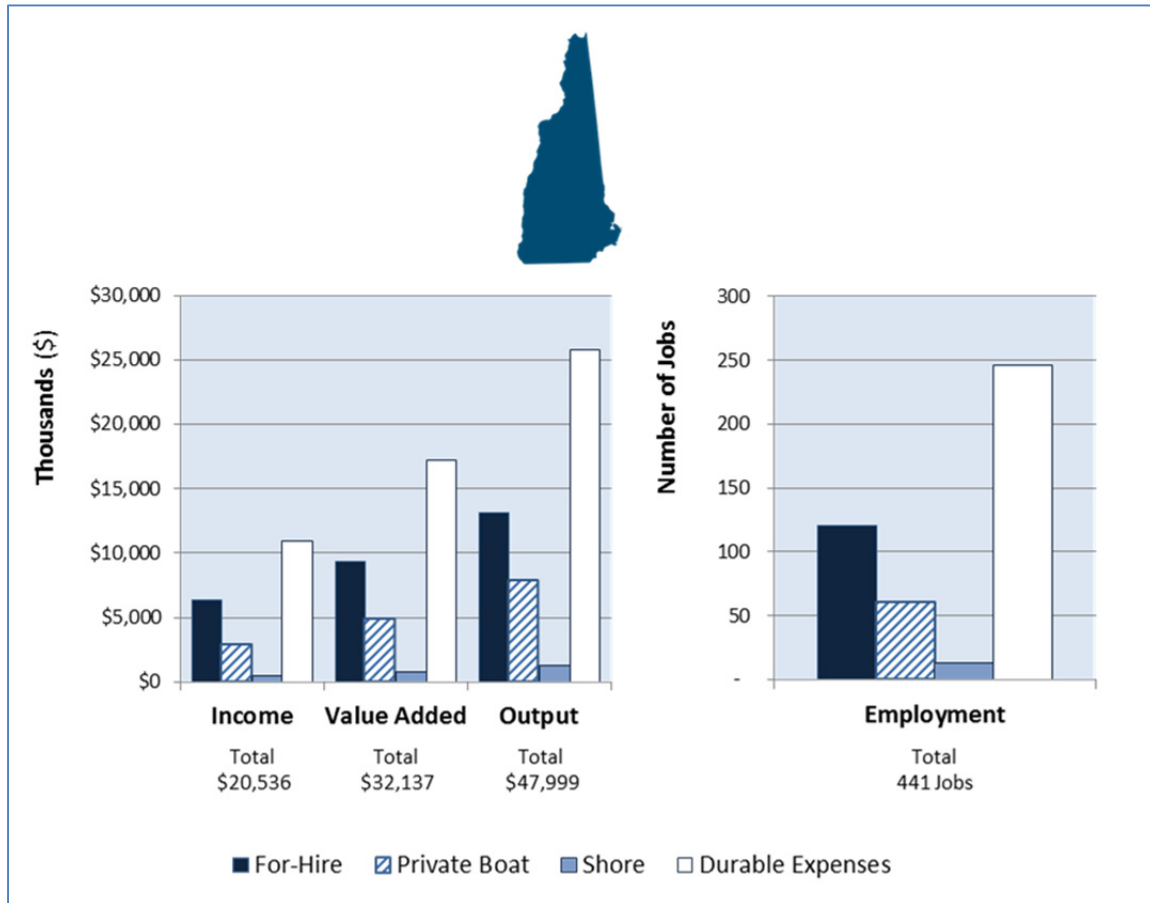
Table MS_4 Cont.:

Total Expenditures by Mode and Resident Status in Mississippi, 2011 (\$1,000s)

Mississippi		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$12,205	\$265	\$12,470
	Rods & Reels	\$14,478	\$1,260	\$15,737
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$69	\$0	\$69
	Camping Equipment	\$2,877	\$0	\$2,877
	Clothing	\$3,037	\$213	\$3,250
	Club Dues	\$25	\$0	\$25
	License Fees	\$2,342	\$973	\$3,314
	Magazine Subscriptions	\$253	\$0	\$253
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$14,382	\$34	\$14,416
	Used Boat Purchase	\$1,272	\$0	\$1,272
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$7,117	\$0	\$7,117
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$6,157	\$0	\$6,157
	Boat Maintenance	\$8,857	\$0	\$8,857
	Boat Registration	\$1,345	\$0	\$1,345
	Boat Storage	\$235	\$946	\$1,181
	Boat Purchase Fees	\$387	\$0	\$387
	New Vehicle Purchase	\$19,070	\$0	\$19,070
	Used Vehicle Purchase	\$2,383	\$0	\$2,383
	Vehicle Insurance	\$3,133	\$0	\$3,133
	Vehicle Maintenance	\$1,924	\$0	\$1,924
	Vehicle Registration	\$808	\$0	\$808
	Vehicle Purchase Fees	\$1,013	\$0	\$1,013
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$2	\$0	\$2
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$13	\$0	\$13
		Total Annual	\$103,384	\$3,691
TRIP AND DURABLE GRAND TOTAL		\$140,821	\$8,308	\$149,129

New Hampshire

Figure NH_1. Total Economic Impacts Generated in New Hampshire in 2011



Total angler expenditures on marine recreational fishing in New Hampshire were \$43 million in 2011. Trip expenditures were \$17 million and expenditures on durable goods were \$26 million. Marine angling trip expenditures were 39% of total angling expenditures and durable good expenditures were the remaining 61%. For-hire fishing trip expenditures totaled \$8.5 million, private boat trip expenditures totaled \$7.4 million, and shore fishing trips totaled \$997 thousand. Mean trip expenditures by residents on for-hire fishing trips were \$117.83, \$50.33 on private boat trips, and \$13.75 for shore trips. Non-resident mean trip expenditures were \$151.55, \$21.13, and \$44.51 respectively. Residents spent \$11 million on trip expenses; \$3.6 million on for-hire trips, \$6.9 million on private boat trips, and \$379 thousand on shore trips. Non-residents spent \$6.1 million on trip expenses; \$4.9 million on for-hire trips, \$554 thousand on private boat trips, and \$618 thousand on shore trips. Resident spending on durable goods purchased in New Hampshire totaled \$24 million; non-resident spending on durable goods totaled \$1.7 million. Marine recreational fishing in New Hampshire contributed 441 jobs to the state's economy, generated \$48 million in output (sales), \$32 million to the state's gross domestic product, and \$21 million in income. Trip expenditures generated approximately 195 jobs and durable expenses generated 246 jobs. Marine angling trip expenditures supported 44% of total employment, and durable expenditures supported the remaining 56%.

Table NH_1. Total Economic Impacts Generated in New Hampshire in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$8,503	121	\$6,307	\$9,330	\$13,081
	Private Boat	\$7,430	61	\$2,872	\$4,908	\$7,908
	Shore	\$997	13	\$437	\$734	\$1,288
	All Modes	\$16,930	195	\$9,616	\$14,973	\$22,276
Durable Expenses		\$26,123	246	\$10,920	\$17,165	\$25,723
Total Expenses		\$43,053	441	\$20,536	\$32,137	\$47,999

Table NH_2. Federal and State Tax Impacts Generated in New Hampshire in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$36	\$0	\$3,495	\$158	\$294	\$3,983
Federal Tax	\$2,037	\$178	\$507	\$1,771	\$365	\$4,859
Total	\$2,073	\$178	\$4,002	\$1,929	\$660	\$8,841

**Table NH_3:
Mean Expenditures by Mode and Resident Status in New Hampshire, 2011**

New Hampshire			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$11.63	\$20.09	\$16.07
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$0.01	\$0.08	\$0.05
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$83.36	\$87.02	\$85.28
		Crew Tips	\$6.56	\$5.94	\$6.24
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$8.53	\$7.82	\$8.16
		Food from Restaurants	\$5.80	\$8.53	\$7.24
		Gifts & Souvenirs	\$0.00	\$0.52	\$0.27
		Ice	\$0.32	\$0.73	\$0.53
		Lodging	\$0.75	\$19.07	\$10.37
		Parking & Site Access	\$0.87	\$1.25	\$1.08
		Public Transportation	\$0.00	\$0.51	\$0.26
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$117.83	\$151.55
	Private Boat	Auto Fuel	\$11.80	\$6.67	\$11.13
		Auto Rental	\$0.00	\$0.23	\$0.03
		Bait	\$3.13	\$0.69	\$2.81
		Boat Fuel	\$27.36	\$8.90	\$24.93
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$4.35	\$2.83	\$4.15
		Food from Restaurants	\$0.25	\$0.42	\$0.27
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$0.84	\$0.05	\$0.74
		Lodging	\$0.00	\$0.11	\$0.01
		Parking & Site Access	\$2.60	\$1.19	\$2.41
		Public Transportation	\$0.00	\$0.03	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$50.33	\$21.13
	Shore	Auto Fuel	\$5.67	\$11.00	\$7.05
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$4.10	\$2.56	\$3.70
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$1.83	\$9.79	\$3.95
		Food from Restaurants	\$1.64	\$7.64	\$3.21
		Gifts & Souvenirs	\$0.00	\$0.59	\$0.15
		Ice	\$0.19	\$0.35	\$0.24
		Lodging	\$0.05	\$12.23	\$3.24
		Parking & Site Access	\$0.25	\$0.35	\$0.28
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
Trip Total		\$13.75	\$44.51	\$21.82	

Table NH_3 Cont.:

Mean Expenditures by Mode and Resident Status in New Hampshire, 2011

New Hampshire		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$60.15	\$25.50	\$47.37
	Rods & Reels	\$60.63	\$29.11	\$48.98
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.00	\$0.00	\$0.00
	Camping Equipment	\$1.10	\$0.00	\$0.65
	Clothing	\$16.37	\$0.27	\$9.58
	Club Dues	\$0.00	\$0.00	\$0.00
	License Fees	\$15.50	\$11.42	\$13.94
	Magazine Subscriptions	\$1.10	\$0.00	\$0.64
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$3.84	\$0.00	\$2.19
	Used Boat Purchase	\$0.24	\$0.00	\$0.14
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$28.22	\$0.00	\$16.02
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$27.35	\$0.00	\$15.55
	Boat Maintenance	\$61.66	\$0.00	\$35.06
	Boat Registration	\$12.58	\$0.00	\$7.07
	Boat Storage	\$21.73	\$0.58	\$12.66
	Boat Purchase Fees	\$0.66	\$0.00	\$0.38
	New Vehicle Purchase	\$98.53	\$0.00	\$58.04
	Used Vehicle Purchase	\$0.00	\$0.00	\$0.00
	Vehicle Insurance	\$2.21	\$0.00	\$1.30
	Vehicle Maintenance	\$0.35	\$0.00	\$0.21
	Vehicle Registration	\$0.69	\$0.00	\$0.40
	Vehicle Purchase Fees	\$4.78	\$0.00	\$2.82
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$0.00	\$0.00
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$417.70	\$66.87	\$273.01

Table NH_4:

Total Expenditures by Mode and Resident Status in New Hampshire, 2011 (\$1,000s)

New Hampshire			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$354	\$651	\$1,006		
		Auto Rental	\$0	\$0	\$0		
		Bait	\$0	\$3	\$3		
		Boat Rental	\$0	\$0	\$0		
		Charter Fees	\$2,540	\$2,820	\$5,360		
		Crew Tips	\$200	\$193	\$392		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$260	\$253	\$513		
		Food from Restaurants	\$177	\$276	\$453		
		Gifts & Souvenirs	\$0	\$17	\$17		
		Ice	\$10	\$24	\$33		
		Lodging	\$23	\$618	\$641		
		Parking & Site Access Fees	\$27	\$41	\$67		
		Public Transportation	\$0	\$17	\$17		
		Tournament Fees	\$0	\$0	\$0		
		For-Hire Trip Total			\$3,590	\$4,912	\$8,503
		Private Boat	Auto Fuel	\$1,612	\$175	\$1,787	
	Auto Rental		\$0	\$6	\$6		
	Bait		\$428	\$18	\$446		
	Boat Fuel		\$3,738	\$233	\$3,971		
	Boat Rental		\$0	\$0	\$0		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$594	\$74	\$669		
	Food from Restaurants		\$34	\$11	\$45		
	Gifts & Souvenirs		\$0	\$0	\$0		
	Ice		\$115	\$1	\$116		
	Lodging		\$0	\$3	\$3		
	Parking & Site Access Fees		\$355	\$31	\$386		
	Public Transportation		\$0	\$1	\$1		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$6,876	\$554	\$7,430
	Shore		Auto Fuel	\$157	\$153	\$309	
		Auto Rental	\$0	\$0	\$0		
		Bait	\$113	\$36	\$149		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$51	\$136	\$187		
		Food from Restaurants	\$45	\$106	\$151		
		Gifts & Souvenirs	\$0	\$8	\$8		
		Ice	\$5	\$5	\$10		
		Lodging	\$1	\$170	\$171		
		Parking & Site Access Fees	\$7	\$5	\$12		
		Public Transportation	\$0	\$0	\$0		
		Tournament Fees	\$0	\$0	\$0		
Shore Trip Total				\$379	\$618	\$997	
ALL TRIP MODES TOTAL			\$10,845	\$6,084	\$16,930		

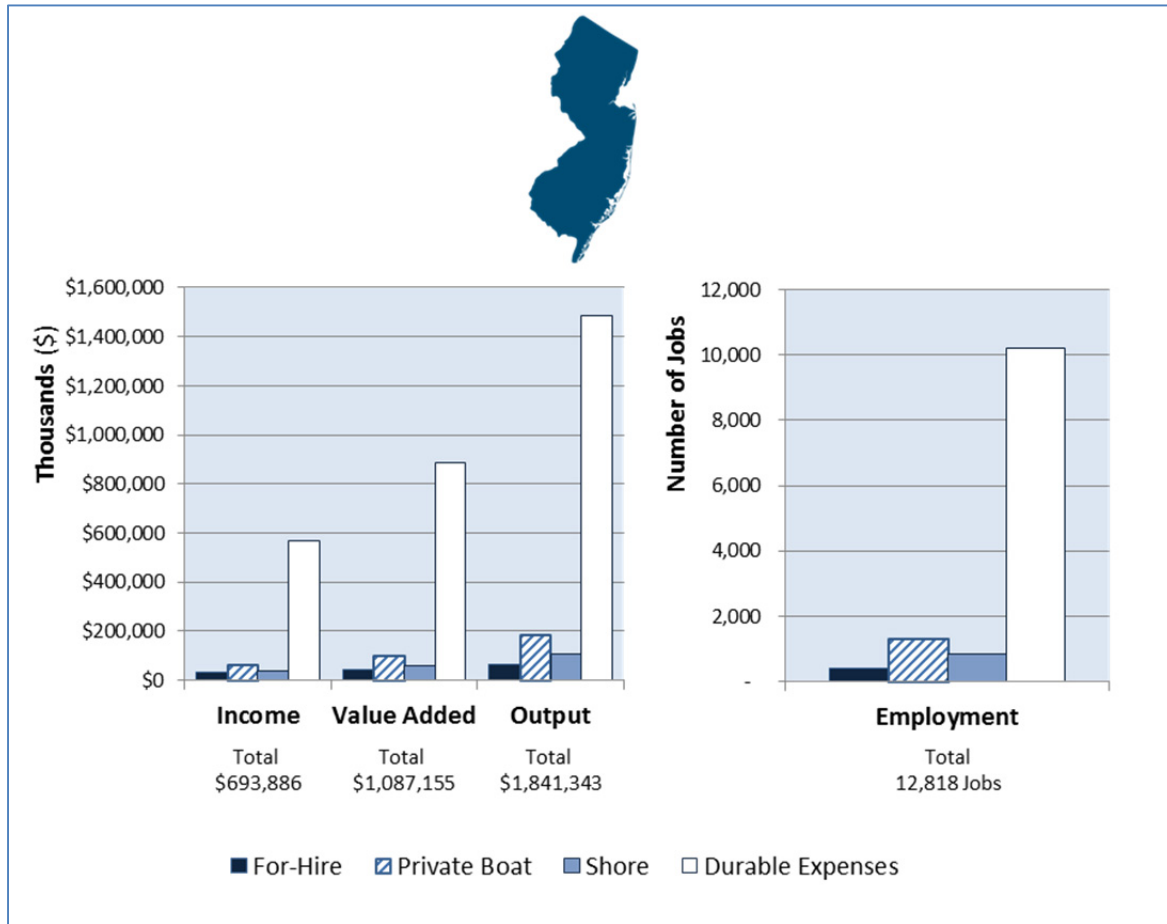
Table NH_4 Cont.:

Total Expenditures by Mode and Resident Status in New Hampshire, 2011 (\$1,000s)

New Hampshire		Resident Status		
Expenditure Type	Expenditure Category		Non-Resident	All Anglers
Durable	Tackle	\$3,510	\$666	\$4,177
	Rods & Reels	\$3,538	\$761	\$4,299
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$0	\$0	\$0
	Camping Equipment	\$64	\$0	\$64
	Clothing	\$955	\$7	\$962
	Club Dues	\$0	\$0	\$0
	License Fees	\$905	\$298	\$1,203
	Magazine Subscriptions	\$64	\$0	\$64
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$224	\$0	\$224
	Used Boat Purchase	\$14	\$0	\$14
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$1,647	\$0	\$1,647
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$1,596	\$0	\$1,596
	Boat Maintenance	\$3,598	\$0	\$3,598
	Boat Registration	\$734	\$0	\$734
	Boat Storage	\$1,268	\$15	\$1,283
	Boat Purchase Fees	\$39	\$0	\$39
	New Vehicle Purchase	\$5,750	\$0	\$5,750
	Used Vehicle Purchase	\$0	\$0	\$0
	Vehicle Insurance	\$129	\$0	\$129
	Vehicle Maintenance	\$20	\$0	\$20
	Vehicle Registration	\$40	\$0	\$40
	Vehicle Purchase Fees	\$279	\$0	\$279
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$0	\$0
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
		Total Annual	\$24,375	\$1,748
TRIP AND DURABLE GRAND TOTAL		\$35,220	\$7,832	\$43,053

New Jersey

Figure NJ_1. Total Economic Impacts Generated in New Jersey in 2011



Total angler expenditures on marine recreational fishing in New Jersey were \$1.5 billion in 2011. Trip expenditures were \$259 million and expenditures on durable goods were \$1.2 billion. Marine angling trip expenditures were 17% of total angling expenditures and durable good expenditures were the remaining 83%. For-hire fishing trip expenditures totaled \$41 million, private boat trip expenditures totaled \$142 million, and shore fishing trips totaled \$77 million. Mean trip expenditures by residents on for-hire fishing trips were \$110.77, \$55.66 on private boat trips, and \$29.34 for shore trips. Non-resident mean trip expenditures were \$131.82, \$89.59, and \$50.94 respectively. Residents spent \$175 million on trip expenses; \$23 million on for-hire trips, \$105 million on private boat trips, and \$48 million on shore trips. Non-residents spent \$84 million on trip expenses; \$17 million on for-hire trips, \$38 million on private boat trips, and \$29 million on shore trips. Resident spending on durable goods purchased in New Jersey totaled \$1.1 billion; non-resident spending on durable goods totaled \$180 million. Marine recreational fishing in New Jersey contributed 13 thousand jobs to the state's economy, generated \$1.8 billion in output (sales), \$1.1 billion to the state's gross domestic product, and \$694 million in income. Trip expenditures generated approximately 2.6 thousand jobs and durable expenses generated 10 thousand jobs. Marine angling trip expenditures supported 20% of total employment, and durable expenditures supported the remaining 80%.

Table NJ_1. Total Economic Impacts Generated in New Jersey in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$40,626	416	\$30,295	\$44,006	\$62,920
	Private Boat	\$142,198	1,336	\$60,144	\$98,004	\$185,804
	Shore	\$76,613	848	\$35,362	\$56,967	\$105,747
	All Modes	\$259,437	2,599	\$125,800	\$198,977	\$354,472
Durable Expenses		\$1,232,192	10,218	\$568,086	\$888,178	\$1,486,872
Total Expenses		\$1,491,629	12,818	\$693,886	\$1,087,155	\$1,841,343

Table NJ_2. Federal and State Tax Impacts Generated in New Jersey in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$1,008	\$0	\$112,576	\$20,491	\$8,452	\$142,528
Federal Tax	\$73,276	\$3,401	\$14,421	\$71,635	\$12,872	\$175,605
Total	\$74,284	\$3,401	\$126,997	\$92,126	\$21,324	\$318,133

Table NJ_3:
Mean Expenditures by Mode and Resident Status in New Jersey, 2011

New Jersey			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$12.41	\$21.98	\$16.19
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$0.51	\$0.53	\$0.52
		Boat Rental	\$3.10	\$4.07	\$3.49
		Charter Fees	\$73.05	\$75.81	\$74.14
		Crew Tips	\$6.06	\$4.11	\$5.28
		Fish Processing	\$0.04	\$0.00	\$0.03
		Food from Grocery Stores	\$12.70	\$11.91	\$12.39
		Food from Restaurants	\$2.40	\$5.96	\$3.80
		Gifts & Souvenirs	\$0.00	\$0.17	\$0.07
		Ice	\$0.45	\$0.40	\$0.43
		Lodging	\$0.00	\$6.88	\$2.71
		Parking & Site Access	\$0.04	\$0.00	\$0.03
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$110.77	\$131.82
	Private Boat	Auto Fuel	\$12.19	\$28.47	\$15.24
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$9.55	\$11.07	\$9.84
		Boat Fuel	\$18.92	\$24.02	\$19.86
		Boat Rental	\$0.60	\$0.12	\$0.51
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$7.39	\$13.17	\$8.47
		Food from Restaurants	\$3.69	\$5.75	\$4.07
		Gifts & Souvenirs	\$0.00	\$0.44	\$0.08
		Ice	\$1.39	\$1.49	\$1.41
		Lodging	\$0.00	\$2.29	\$0.43
		Parking & Site Access	\$1.92	\$2.75	\$2.07
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$55.66	\$89.59
	Shore	Auto Fuel	\$12.08	\$17.07	\$13.43
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$7.23	\$6.32	\$6.98
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$5.94	\$7.27	\$6.29
		Food from Restaurants	\$1.79	\$6.06	\$2.93
		Gifts & Souvenirs	\$0.00	\$0.52	\$0.14
		Ice	\$0.34	\$0.42	\$0.37
		Lodging	\$0.00	\$12.36	\$3.32
Parking & Site Access		\$1.96	\$0.92	\$1.68	
Public Transportation		\$0.00	\$0.00	\$0.00	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$29.34	\$50.94	\$35.14

Table NJ_3 Cont.:
Mean Expenditures by Mode and Resident Status in New Jersey, 2011

New Jersey		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$226.97	\$51.51	\$152.48
	Rods & Reels	\$188.70	\$97.71	\$146.94
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.48	\$0.00	\$0.28
	Camping Equipment	\$6.32	\$6.17	\$6.26
	Clothing	\$54.70	\$8.49	\$34.30
	Club Dues	\$1.54	\$3.03	\$2.14
	License Fees	\$2.93	\$2.07	\$2.59
	Magazine Subscriptions	\$16.72	\$1.97	\$10.22
	Taxidermy	\$0.24	\$0.01	\$0.15
	New Boat Purchase	\$318.48	\$30.78	\$188.37
	Used Boat Purchase	\$0.00	\$5.21	\$2.35
	New Canoe Purchase	\$2.50	\$0.00	\$1.36
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$54.17	\$0.34	\$29.83
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$94.68	\$0.00	\$51.68
	Boat Maintenance	\$108.03	\$2.35	\$60.08
	Boat Registration	\$23.56	\$0.00	\$12.88
	Boat Storage	\$168.07	\$6.29	\$94.95
	Boat Purchase Fees	\$5.26	\$0.00	\$2.88
	New Vehicle Purchase	\$177.85	\$0.00	\$104.96
	Used Vehicle Purchase	\$29.85	\$3.35	\$18.99
	Vehicle Insurance	\$91.96	\$0.00	\$54.04
	Vehicle Maintenance	\$60.07	\$0.00	\$35.32
	Vehicle Registration	\$6.98	\$0.00	\$4.06
	Vehicle Purchase Fees	\$2.52	\$0.00	\$1.49
	New Home Purchase	\$33.62	\$310.90	\$147.24
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.63	\$6.78	\$3.15
	Second Home Purchase Fees	\$1.21	\$12.64	\$5.90
	Real Estate Commissions	\$2.02	\$20.83	\$9.72
	Total Annual		\$1,680.06	\$570.44

Table NJ_4:

Total Expenditures by Mode and Resident Status in New Jersey, 2011 (\$1,000s)

New Jersey			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$2,602	\$2,902	\$5,504	
		Auto Rental	\$0	\$0	\$0	
		Bait	\$107	\$70	\$177	
		Boat Rental	\$650	\$537	\$1,187	
		Charter Fees	\$15,314	\$10,010	\$25,324	
		Crew Tips	\$1,270	\$543	\$1,813	
		Fish Processing	\$8	\$0	\$8	
		Food from Grocery Stores	\$2,662	\$1,573	\$4,235	
		Food from Restaurants	\$503	\$787	\$1,290	
		Gifts & Souvenirs	\$0	\$22	\$22	
		Ice	\$94	\$53	\$147	
		Lodging	\$0	\$908	\$908	
		Parking & Site Access Fees	\$8	\$0	\$8	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total		\$23,220	\$17,405	\$40,626
		Private Boat	Auto Fuel	\$22,921	\$11,939	\$34,859
	Auto Rental		\$0	\$0	\$0	
	Bait		\$17,957	\$4,642	\$22,599	
	Boat Fuel		\$35,575	\$10,073	\$45,648	
	Boat Rental		\$1,128	\$50	\$1,178	
	Charter Fees		\$0	\$0	\$0	
	Fish Processing		\$0	\$0	\$0	
	Food from Grocery Stores		\$13,895	\$5,523	\$19,418	
	Food from Restaurants		\$6,938	\$2,411	\$9,349	
	Gifts & Souvenirs		\$0	\$185	\$185	
	Ice		\$2,614	\$625	\$3,238	
	Lodging		\$0	\$960	\$960	
	Parking & Site Access Fees		\$3,610	\$1,153	\$4,763	
	Public Transportation		\$0	\$0	\$0	
	Tournament Fees		\$0	\$0	\$0	
	Private Boat Trip Total			\$104,637	\$37,561	\$142,198
	Shore		Auto Fuel	\$19,560	\$9,753	\$29,313
		Auto Rental	\$0	\$0	\$0	
		Bait	\$11,707	\$3,611	\$15,318	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$9,618	\$4,154	\$13,772	
		Food from Restaurants	\$2,898	\$3,462	\$6,361	
		Gifts & Souvenirs	\$0	\$297	\$297	
		Ice	\$551	\$240	\$791	
		Lodging	\$0	\$7,062	\$7,062	
		Parking & Site Access Fees	\$3,174	\$526	\$3,699	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
Shore Trip Total			\$47,508	\$29,105	\$76,613	
ALL TRIP MODES TOTAL			\$175,365	\$84,071	\$259,437	

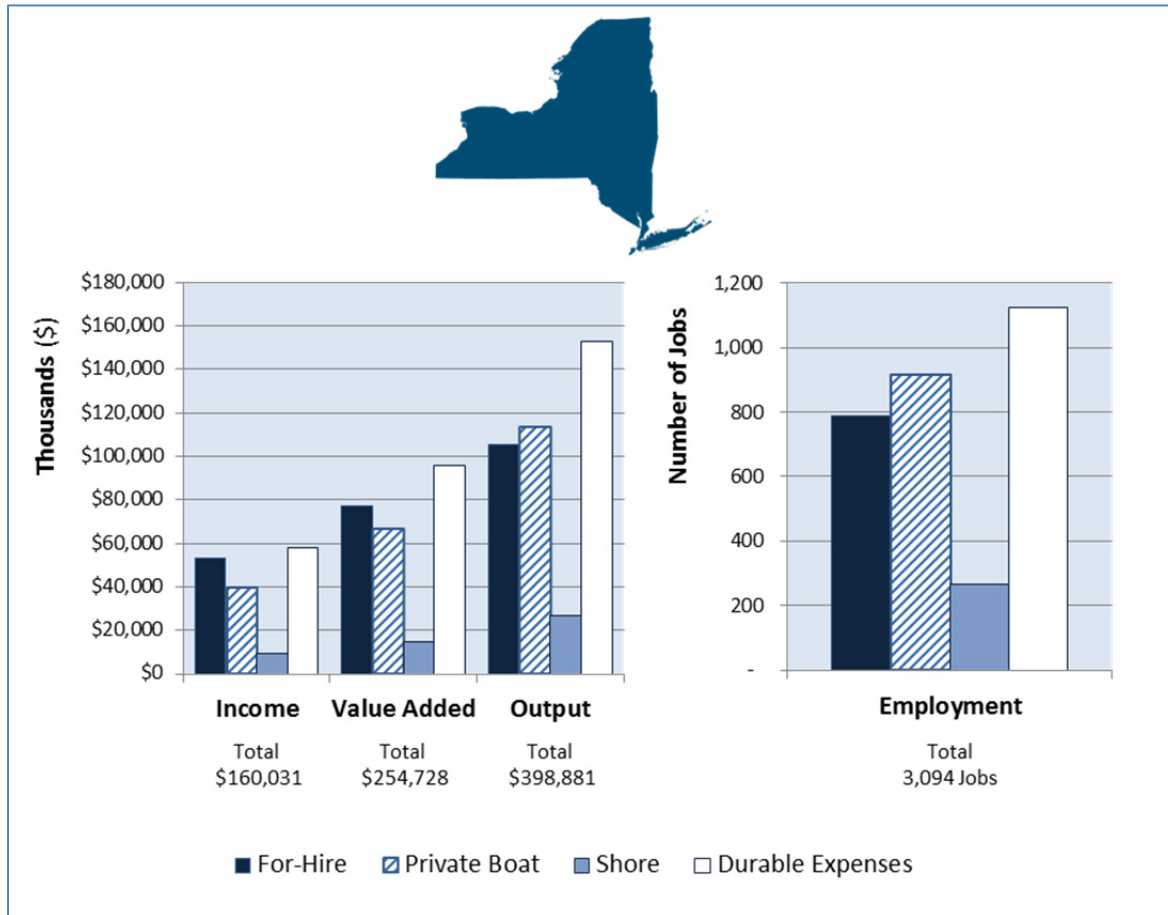
Table NJ_4 Cont.:

Total Expenditures by Mode and Resident Status in New Jersey, 2011 (\$1,000s)

New Jersey		Resident Status			
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers	
Durable	Tackle	\$142,172	\$16,237	\$158,410	
	Rods & Reels	\$118,200	\$30,801	\$149,001	
	Spearfishing Gear	\$0	\$0	\$0	
	Binoculars	\$301	\$0	\$301	
	Camping Equipment	\$3,959	\$1,945	\$5,904	
	Clothing	\$34,264	\$2,676	\$36,940	
	Club Dues	\$965	\$955	\$1,920	
	License Fees	\$1,835	\$653	\$2,488	
	Magazine Subscriptions	\$10,473	\$621	\$11,094	
	Taxidermy	\$150	\$3	\$153	
	New Boat Purchase	\$199,493	\$9,703	\$209,196	
	Used Boat Purchase	\$0	\$1,642	\$1,642	
	New Canoe Purchase	\$1,566	\$0	\$1,566	
	Used Canoe Purchase	\$0	\$0	\$0	
	New Accessory Purchase	\$33,932	\$107	\$34,039	
	Used Accessory Purchase	\$0	\$0	\$0	
	Boat Insurance	\$59,307	\$0	\$59,307	
	Boat Maintenance	\$67,669	\$741	\$68,410	
	Boat Registration	\$14,758	\$0	\$14,758	
	Boat Storage	\$105,278	\$1,983	\$107,260	
	Boat Purchase Fees	\$3,295	\$0	\$3,295	
	New Vehicle Purchase	\$111,404	\$0	\$111,404	
	Used Vehicle Purchase	\$18,698	\$1,056	\$19,754	
	Vehicle Insurance	\$57,603	\$0	\$57,603	
	Vehicle Maintenance	\$37,627	\$0	\$37,627	
	Vehicle Registration	\$4,372	\$0	\$4,372	
	Vehicle Purchase Fees	\$1,579	\$0	\$1,579	
	New Home Purchase	\$21,059	\$98,004	\$119,064	
	Second Home Insurance	\$0	\$0	\$0	
	Second Home Maintenance	\$0	\$0	\$0	
	Second Home Property Taxes	\$395	\$2,137	\$2,532	
	Second Home Purchase Fees	\$758	\$3,984	\$4,742	
	Real Estate Commissions	\$1,265	\$6,566	\$7,832	
		Total Annual	\$1,052,376	\$179,816	\$1,232,192
	TRIP AND DURABLE GRAND TOTAL		\$1,227,741	\$263,887	\$1,491,629

New York

Figure NY_1. Total Economic Impacts Generated in New York in 2011



Total angler expenditures on marine recreational fishing in New York were \$330 million in 2011. Trip expenditures were \$206 million and expenditures on durable goods were \$124 million. Marine angling trip expenditures were 62% of total angling expenditures and durable good expenditures were the remaining 38%. For-hire fishing trip expenditures totaled \$66 million, private boat trip expenditures totaled \$116 million, and shore fishing trips totaled \$24 million. Mean trip expenditures by residents on for-hire fishing trips were \$157.83, \$59 on private boat trips, and \$19.91 for shore trips. Non-resident mean trip expenditures were \$116.37, \$38.83, and \$44.68 respectively. Residents spent \$199 million on trip expenses; \$63 million on for-hire trips, \$114 million on private boat trips, and \$23 million on shore trips. Non-residents spent \$6.6 million on trip expenses; \$3.6 million on for-hire trips, \$2.2 million on private boat trips, and \$775 thousand on shore trips. Resident spending on durable goods purchased in New York totaled \$124 million; non-resident spending on durable goods totaled \$26 thousand. Marine recreational fishing in New York contributed 3.1 thousand jobs to the state's economy, generated \$399 million in output (sales), \$255 million to the state's gross domestic product, and \$160 million in income. Trip expenditures generated approximately 2 thousand jobs and durable expenses generated 1.1 thousand jobs. Marine angling trip expenditures supported 64% of total employment, and durable expenditures supported the remaining 36%.

Table NY_1. Total Economic Impacts Generated in New York in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$66,327	787	\$53,406	\$77,456	\$105,336
	Private Boat	\$115,693	916	\$39,442	\$66,600	\$113,449
	Shore	\$23,883	267	\$9,151	\$14,871	\$26,968
	All Modes	\$205,903	1,970	\$101,999	\$158,926	\$245,754
Durable Expenses		\$124,412	1,124	\$58,032	\$95,802	\$153,127
Total Expenses		\$330,315	3,094	\$160,031	\$254,728	\$398,881

Table NY_2. Federal and State Tax Impacts Generated in New York in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$497	\$0	\$27,935	\$7,791	\$4,180	\$40,402
Federal Tax	\$14,920	\$1,077	\$3,428	\$15,245	\$3,059	\$37,730
Total	\$15,417	\$1,077	\$31,363	\$23,036	\$7,239	\$78,132

Table NY_3:
Mean Expenditures by Mode and Resident Status in New York, 2011

New York			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$14.31	\$9.62	\$13.89
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$0.00	\$0.00	\$0.00
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$111.46	\$92.90	\$110.01
		Crew Tips	\$12.16	\$8.02	\$11.83
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$11.96	\$3.36	\$11.16
		Food from Restaurants	\$6.51	\$0.92	\$6.01
		Gifts & Souvenirs	\$0.28	\$0.07	\$0.26
		Ice	\$0.08	\$0.04	\$0.07
		Lodging	\$1.08	\$0.85	\$1.06
		Parking & Site Access	\$0.00	\$0.29	\$0.03
		Public Transportation	\$0.00	\$0.30	\$0.03
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$157.83	\$116.37
	Private Boat	Auto Fuel	\$10.84	\$10.73	\$10.84
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$8.09	\$3.60	\$8.00
		Boat Fuel	\$28.99	\$16.51	\$28.73
		Boat Rental	\$0.03	\$0.00	\$0.03
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$9.25	\$1.26	\$9.09
		Food from Restaurants	\$0.83	\$6.06	\$0.94
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$0.84	\$0.68	\$0.84
		Lodging	\$0.00	\$0.00	\$0.00
		Parking & Site Access	\$0.12	\$0.00	\$0.12
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$59.00	\$38.83
	Shore	Auto Fuel	\$8.16	\$28.53	\$8.42
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$5.38	\$8.53	\$5.43
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$5.06	\$7.62	\$5.10
		Food from Restaurants	\$0.71	\$0.00	\$0.70
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$0.17	\$0.00	\$0.17
		Lodging	\$0.00	\$0.00	\$0.00
Parking & Site Access		\$0.42	\$0.00	\$0.41	
Public Transportation		\$0.00	\$0.00	\$0.00	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$19.91	\$44.68	\$20.24

Table NY_3 Cont.:
Mean Expenditures by Mode and Resident Status in New York, 2011

New York		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$46.28	\$0.66	\$39.62
	Rods & Reels	\$60.52	\$0.00	\$51.60
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.00	\$0.00	\$0.00
	Camping Equipment	\$4.30	\$0.00	\$3.95
	Clothing	\$29.37	\$0.00	\$24.99
	Club Dues	\$0.59	\$0.00	\$0.52
	License Fees	\$3.02	\$0.00	\$2.73
	Magazine Subscriptions	\$10.85	\$0.00	\$10.50
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$9.86	\$0.00	\$8.19
	Used Boat Purchase	\$0.00	\$0.00	\$0.00
	New Canoe Purchase	\$0.53	\$0.00	\$0.44
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$21.36	\$0.00	\$17.71
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$11.14	\$0.00	\$9.23
	Boat Maintenance	\$27.97	\$0.00	\$23.18
	Boat Registration	\$7.68	\$0.00	\$6.36
	Boat Storage	\$33.16	\$0.00	\$27.51
	Boat Purchase Fees	\$0.00	\$0.00	\$0.00
	New Vehicle Purchase	\$0.00	\$0.00	\$0.00
	Used Vehicle Purchase	\$7.34	\$0.00	\$6.41
	Vehicle Insurance	\$8.53	\$0.00	\$7.45
	Vehicle Maintenance	\$7.39	\$0.00	\$6.46
	Vehicle Registration	\$0.75	\$0.00	\$0.65
	Vehicle Purchase Fees	\$0.00	\$0.00	\$0.00
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$0.00	\$0.00
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$290.63	\$0.66	\$247.50

Table NY_4:

Total Expenditures by Mode and Resident Status in New York, 2011 (\$1,000s)

New York			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$5,683	\$301	\$5,984		
		Auto Rental	\$0	\$0	\$0		
		Bait	\$0	\$0	\$0		
		Boat Rental	\$0	\$0	\$0		
		Charter Fees	\$44,267	\$2,906	\$47,173		
		Crew Tips	\$4,829	\$251	\$5,080		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$4,750	\$105	\$4,855		
		Food from Restaurants	\$2,585	\$29	\$2,614		
		Gifts & Souvenirs	\$111	\$2	\$113		
		Ice	\$32	\$1	\$33		
		Lodging	\$429	\$27	\$456		
		Parking & Site Access Fees	\$0	\$9	\$9		
		Public Transportation	\$0	\$9	\$9		
		Tournament Fees	\$0	\$0	\$0		
		For-Hire Trip Total			\$62,687	\$3,640	\$66,327
		Private Boat	Auto Fuel	\$20,864	\$596	\$21,459	
	Auto Rental		\$0	\$0	\$0		
	Bait		\$15,571	\$200	\$15,771		
	Boat Fuel		\$55,797	\$916	\$56,713		
	Boat Rental		\$58	\$0	\$58		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$17,803	\$70	\$17,873		
	Food from Restaurants		\$1,597	\$336	\$1,934		
	Gifts & Souvenirs		\$0	\$0	\$0		
	Ice		\$1,617	\$38	\$1,654		
	Lodging		\$0	\$0	\$0		
	Parking & Site Access Fees		\$231	\$0	\$231		
	Public Transportation		\$0	\$0	\$0		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$113,537	\$2,156	\$115,693
	Shore		Auto Fuel	\$9,476	\$495	\$9,970	
		Auto Rental	\$0	\$0	\$0		
		Bait	\$6,247	\$148	\$6,395		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$5,876	\$132	\$6,008		
		Food from Restaurants	\$824	\$0	\$824		
		Gifts & Souvenirs	\$0	\$0	\$0		
		Ice	\$197	\$0	\$197		
		Lodging	\$0	\$0	\$0		
		Parking & Site Access Fees	\$488	\$0	\$488		
		Public Transportation	\$0	\$0	\$0		
		Tournament Fees	\$0	\$0	\$0		
Shore Trip Total				\$23,108	\$775	\$23,883	
ALL TRIP MODES TOTAL			\$199,332	\$6,571	\$205,903		

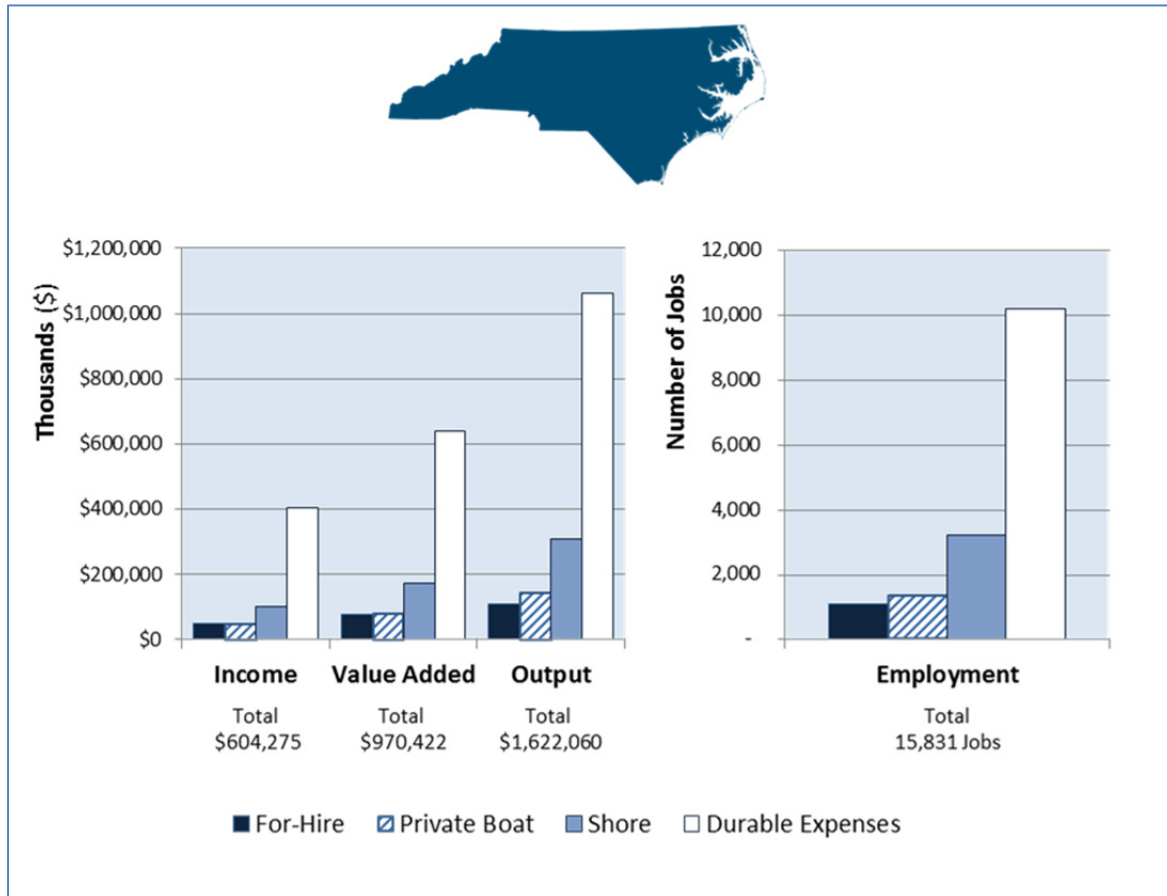
Table NY_4 Cont.:

Total Expenditures by Mode and Resident Status in New York, 2011 (\$1,000s)

New York		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$19,806	\$26	\$19,833
	Rods & Reels	\$25,901	\$0	\$25,901
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$0	\$0	\$0
	Camping Equipment	\$1,840	\$0	\$1,840
	Clothing	\$12,570	\$0	\$12,570
	Club Dues	\$253	\$0	\$253
	License Fees	\$1,292	\$0	\$1,292
	Magazine Subscriptions	\$4,643	\$0	\$4,643
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$4,220	\$0	\$4,220
	Used Boat Purchase	\$0	\$0	\$0
	New Canoe Purchase	\$227	\$0	\$227
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$9,141	\$0	\$9,141
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$4,768	\$0	\$4,768
	Boat Maintenance	\$11,970	\$0	\$11,970
	Boat Registration	\$3,287	\$0	\$3,287
	Boat Storage	\$14,192	\$0	\$14,192
	Boat Purchase Fees	\$0	\$0	\$0
	New Vehicle Purchase	\$0	\$0	\$0
	Used Vehicle Purchase	\$3,141	\$0	\$3,141
	Vehicle Insurance	\$3,651	\$0	\$3,651
	Vehicle Maintenance	\$3,163	\$0	\$3,163
	Vehicle Registration	\$321	\$0	\$321
	Vehicle Purchase Fees	\$0	\$0	\$0
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$0	\$0
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
	Total Annual		\$124,385	\$26
TRIP AND DURABLE GRAND TOTAL		\$323,717	\$6,597	\$330,315

North Carolina

Figure NC_1. Total Economic Impacts Generated in North Carolina in 2011



Total angler expenditures on marine recreational fishing in North Carolina were \$1.6 billion in 2011. Trip expenditures were \$418 million and expenditures on durable goods were \$1.2 billion. Marine angling trip expenditures were 26% of total angling expenditures and durable good expenditures were the remaining 74%. For-hire fishing trip expenditures totaled \$71 million, private boat trip expenditures totaled \$123 million, and shore fishing trips totaled \$224 million. Mean trip expenditures by residents on for-hire fishing trips were \$267.29, \$64.99 on private boat trips, and \$67.35 for shore trips. Non-resident mean trip expenditures were \$355.47, \$97.89, and \$130.05 respectively. Residents spent \$231 million on trip expenses; \$18 million on for-hire trips, \$102 million on private boat trips, and \$111 million on shore trips. Non-residents spent \$187 million on trip expenses; \$54 million on for-hire trips, \$20 million on private boat trips, and \$113 million on shore trips. Resident spending on durable goods purchased in North Carolina totaled \$1.1 billion; non-resident spending on durable goods totaled \$131 million. Marine recreational fishing in North Carolina contributed 16 thousand jobs to the state's economy, generated \$1.6 billion in output (sales), \$970 million to the state's gross domestic product, and \$604 million in income. Trip expenditures generated approximately 5.6 thousand jobs and durable expenses generated 10 thousand jobs. Marine angling trip expenditures supported 36% of total employment, and durable expenditures supported the remaining 64%.

Table NC_1. Total Economic Impacts Generated in North Carolina in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$71,444	1,117	\$50,471	\$75,437	\$110,140
	Private Boat	\$122,933	1,322	\$46,422	\$81,190	\$143,221
	Shore	\$223,693	3,206	\$101,569	\$172,829	\$308,303
	All Modes	\$418,070	5,644	\$198,462	\$329,456	\$561,663
Durable Expenses		\$1,188,366	10,187	\$405,813	\$640,966	\$1,060,397
Total Expenses		\$1,606,436	15,831	\$604,275	\$970,422	\$1,622,060

Table NC_2. Federal and State Tax Impacts Generated in North Carolina in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$985	\$0	\$106,931	\$17,782	\$7,734	\$133,432
Federal Tax	\$62,669	\$4,194	\$18,549	\$33,582	\$11,583	\$130,577
Total	\$63,654	\$4,194	\$125,480	\$51,364	\$19,317	\$264,010

Table NC_3:
Mean Expenditures by Mode and Resident Status in North Carolina, 2011

North Carolina			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trips	For-Hire	Auto Fuel	\$38.57	\$56.03	\$48.93	
		Auto Rental	\$0.00	\$0.23	\$0.14	
		Bait	\$0.83	\$0.49	\$0.63	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$144.23	\$186.35	\$169.26	
		Crew Tips	\$18.06	\$18.61	\$18.39	
		Fish Processing	\$0.08	\$0.00	\$0.03	
		Food from Grocery Stores	\$16.26	\$14.49	\$15.21	
		Food from Restaurants	\$17.43	\$12.61	\$14.57	
		Gifts & Souvenirs	\$1.56	\$6.47	\$4.50	
		Ice	\$1.06	\$1.05	\$1.05	
		Lodging	\$28.14	\$56.14	\$44.81	
		Parking & Site Access	\$1.08	\$0.92	\$0.98	
		Public Transportation	\$0.00	\$2.08	\$1.23	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
		Trip Total		\$267.29	\$355.47	\$319.73
		Private Boat	Auto Fuel	\$19.21	\$28.27	\$20.02
	Auto Rental		\$0.00	\$0.00	\$0.00	
	Bait		\$3.12	\$2.02	\$3.02	
	Boat Fuel		\$20.54	\$14.64	\$20.02	
	Boat Rental		\$0.00	\$0.00	\$0.00	
	Charter Fees		\$0.00	\$0.00	\$0.00	
	Fish Processing		\$0.00	\$0.00	\$0.00	
	Food from Grocery Stores		\$9.14	\$12.04	\$9.40	
	Food from Restaurants		\$4.98	\$10.45	\$5.47	
	Gifts & Souvenirs		\$0.00	\$1.45	\$0.13	
	Ice		\$1.59	\$1.02	\$1.54	
	Lodging		\$6.24	\$26.81	\$8.09	
	Parking & Site Access		\$0.17	\$0.59	\$0.21	
	Public Transportation		\$0.00	\$0.60	\$0.05	
	Tournament Fees		\$0.00	\$0.00	\$0.00	
	Trip Total			\$64.99	\$97.89	\$67.96
	Shore		Auto Fuel	\$21.37	\$30.30	\$23.91
		Auto Rental	\$0.00	\$0.00	\$0.00	
		Bait	\$4.59	\$3.59	\$4.31	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$10.69	\$15.00	\$11.91	
		Food from Restaurants	\$7.84	\$12.48	\$9.16	
		Gifts & Souvenirs	\$1.03	\$3.85	\$1.83	
		Ice	\$1.28	\$1.64	\$1.38	
		Lodging	\$16.97	\$60.18	\$29.26	
		Parking & Site Access	\$3.58	\$2.73	\$3.34	
		Public Transportation	\$0.00	\$0.29	\$0.08	
		Tournament Fees	\$0.00	\$0.00	\$0.00	
Trip Total			\$67.35	\$130.05	\$85.19	

Table NC_3 Cont.:

Mean Expenditures by Mode and Resident Status in North Carolina, 2011

North Carolina		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$129.85	\$66.44	\$101.68
	Rods & Reels	\$109.21	\$71.38	\$92.31
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.96	\$0.81	\$0.89
	Camping Equipment	\$19.66	\$2.12	\$11.92
	Clothing	\$37.55	\$5.22	\$23.25
	Club Dues	\$5.59	\$0.21	\$3.26
	License Fees	\$18.08	\$17.60	\$17.87
	Magazine Subscriptions	\$10.55	\$1.25	\$6.45
	Taxidermy	\$1.17	\$1.71	\$1.40
	New Boat Purchase	\$295.07	\$23.83	\$171.74
	Used Boat Purchase	\$15.19	\$0.00	\$8.33
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$77.22	\$0.00	\$42.52
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$58.39	\$0.00	\$32.04
	Boat Maintenance	\$103.73	\$0.00	\$57.11
	Boat Registration	\$18.41	\$0.00	\$10.10
	Boat Storage	\$19.03	\$0.00	\$10.41
	Boat Purchase Fees	\$11.78	\$0.96	\$6.89
	New Vehicle Purchase	\$476.98	\$0.00	\$270.62
	Used Vehicle Purchase	\$11.06	\$0.00	\$6.27
	Vehicle Insurance	\$28.08	\$0.00	\$15.83
	Vehicle Maintenance	\$16.46	\$0.00	\$9.28
	Vehicle Registration	\$2.98	\$0.00	\$1.68
	Vehicle Purchase Fees	\$26.84	\$0.00	\$15.23
	New Home Purchase	\$28.17	\$7.19	\$19.09
	Second Home Insurance	\$1.01	\$0.00	\$0.57
	Second Home Maintenance	\$17.94	\$0.00	\$10.14
	Second Home Property Taxes	\$2.44	\$0.34	\$1.53
	Second Home Purchase Fees	\$8.98	\$1.20	\$5.61
	Real Estate Commissions	\$16.61	\$2.61	\$10.55
Total Annual		\$1,568.98	\$202.87	\$964.58

Table NC_4:

Total Expenditures by Mode and Resident Status in North Carolina, 2011 (\$1,000s)

North Carolina			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$2,574	\$8,449	\$11,023		
		Auto Rental	\$0	\$35	\$35		
		Bait	\$55	\$74	\$129		
		Boat Rental	\$0	\$0	\$0		
		Charter Fees	\$9,625	\$28,102	\$37,727		
		Crew Tips	\$1,205	\$2,806	\$4,012		
		Fish Processing	\$5	\$0	\$5		
		Food from Grocery Stores	\$1,085	\$2,185	\$3,270		
		Food from Restaurants	\$1,163	\$1,902	\$3,065		
		Gifts & Souvenirs	\$104	\$976	\$1,080		
		Ice	\$71	\$158	\$229		
		Lodging	\$1,878	\$8,466	\$10,344		
		Parking & Site Access Fees	\$72	\$139	\$211		
		Public Transportation	\$0	\$314	\$314		
		Tournament Fees	\$0	\$0	\$0		
		For-Hire Trip Total			\$17,838	\$53,606	\$71,444
		Private Boat	Auto Fuel	\$30,284	\$5,914	\$36,198	
	Auto Rental		\$0	\$0	\$0		
	Bait		\$4,919	\$423	\$5,341		
	Boat Fuel		\$32,380	\$3,063	\$35,443		
	Boat Rental		\$0	\$0	\$0		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$14,409	\$2,519	\$16,928		
	Food from Restaurants		\$7,851	\$2,186	\$10,037		
	Gifts & Souvenirs		\$0	\$303	\$303		
	Ice		\$2,507	\$213	\$2,720		
	Lodging		\$9,837	\$5,609	\$15,446		
	Parking & Site Access Fees		\$268	\$123	\$391		
	Public Transportation		\$0	\$126	\$126		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$102,454	\$20,479	\$122,933
	Shore		Auto Fuel	\$35,181	\$26,283	\$61,464	
		Auto Rental	\$0	\$0	\$0		
		Bait	\$7,556	\$3,114	\$10,670		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$17,599	\$13,011	\$30,610		
		Food from Restaurants	\$12,907	\$10,825	\$23,732		
		Gifts & Souvenirs	\$1,696	\$3,340	\$5,035		
		Ice	\$2,107	\$1,423	\$3,530		
		Lodging	\$27,938	\$52,201	\$80,138		
		Parking & Site Access Fees	\$5,894	\$2,368	\$8,262		
Public Transportation		\$0	\$252	\$252			
Tournament Fees		\$0	\$0	\$0			
Shore Trip Total			\$110,878	\$112,816	\$223,693		
ALL TRIP MODES TOTAL			\$231,170	\$186,901	\$418,070		

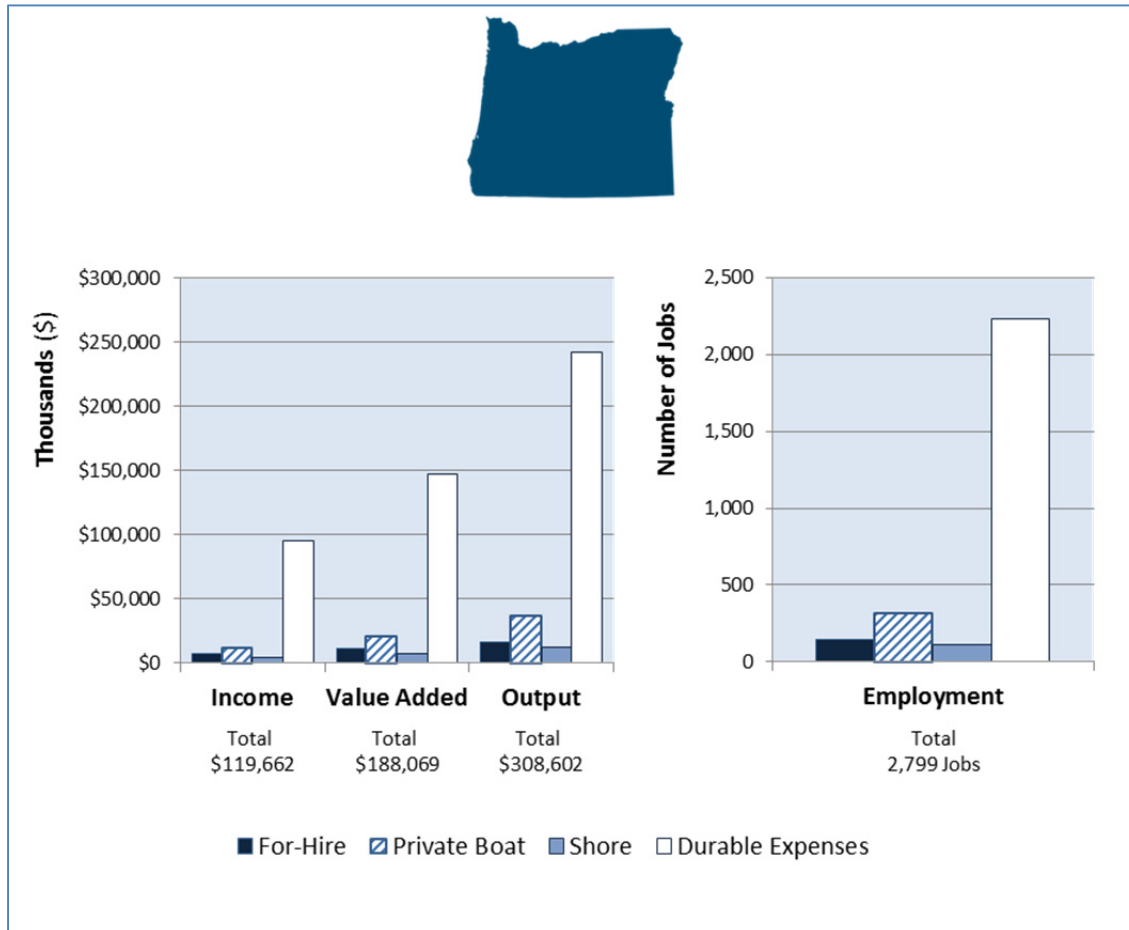
Table NC_4 Cont.:

Total Expenditures by Mode and Resident Status in North Carolina, 2011 (\$1,000s)

North Carolina		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$87,512	\$42,886	\$130,398
	Rods & Reels	\$73,602	\$46,075	\$119,677
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$647	\$523	\$1,170
	Camping Equipment	\$13,250	\$1,368	\$14,618
	Clothing	\$25,307	\$3,369	\$28,676
	Club Dues	\$3,767	\$136	\$3,903
	License Fees	\$12,185	\$11,361	\$23,546
	Magazine Subscriptions	\$7,110	\$807	\$7,917
	Taxidermy	\$789	\$1,104	\$1,892
	New Boat Purchase	\$198,862	\$15,382	\$214,244
	Used Boat Purchase	\$10,237	\$0	\$10,237
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$52,042	\$0	\$52,042
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$39,352	\$0	\$39,352
	Boat Maintenance	\$69,909	\$0	\$69,909
	Boat Registration	\$12,407	\$0	\$12,407
	Boat Storage	\$12,825	\$0	\$12,825
	Boat Purchase Fees	\$7,939	\$620	\$8,559
	New Vehicle Purchase	\$321,459	\$0	\$321,459
	Used Vehicle Purchase	\$7,454	\$0	\$7,454
	Vehicle Insurance	\$18,924	\$0	\$18,924
	Vehicle Maintenance	\$11,093	\$0	\$11,093
	Vehicle Registration	\$2,008	\$0	\$2,008
	Vehicle Purchase Fees	\$18,089	\$0	\$18,089
	New Home Purchase	\$18,985	\$4,641	\$23,626
	Second Home Insurance	\$681	\$0	\$681
	Second Home Maintenance	\$12,091	\$0	\$12,091
	Second Home Property Taxes	\$1,644	\$219	\$1,864
	Second Home Purchase Fees	\$6,052	\$775	\$6,827
	Real Estate Commissions	\$11,194	\$1,685	\$12,879
	Total Annual		\$1,057,416	\$130,950
TRIP AND DURABLE GRAND TOTAL		\$1,288,586	\$317,851	\$1,606,436

Oregon

Figure OR_1. Total Economic Impacts Generated in Oregon in 2011



Total angler expenditures on marine recreational fishing in Oregon were \$254 million in 2011. Trip expenditures were \$54 million and expenditures on durable goods were \$200 million. Marine angling trip expenditures were 21% of total angling expenditures and durable good expenditures were the remaining 79%. For-hire fishing trip expenditures totaled \$11 million, private boat trip expenditures totaled \$33 million, and shore fishing trips totaled \$11 million. Mean trip expenditures by residents on for-hire fishing trips were \$214.92, \$92.61 on private boat trips, and \$49.10 for shore trips. Non-resident mean trip expenditures were \$396.63, \$174.75, and \$156.16 respectively. Residents spent \$50 million on trip expenses; \$10 million on for-hire trips, \$30 million on private boat trips, and \$9.7 million on shore trips. Non-residents spent \$4.1 million on trip expenses; \$615 thousand on for-hire trips, \$2.4 million on private boat trips, and \$1.1 million on shore trips. Resident spending on durable goods purchased in Oregon totaled \$197 million; non-resident spending on durable goods totaled \$2.9 million. Marine recreational fishing in Oregon contributed 2.8 thousand jobs to the state's economy, generated \$309 million in output (sales), \$188 million to the state's gross domestic product, and \$120 million in income. Trip expenditures generated approximately 565 jobs and durable expenses generated 2.2 thousand jobs. Marine angling trip expenditures supported 20% of total employment, and durable expenditures supported the remaining 80%.

Table OR_1. Total Economic Impacts Generated in Oregon in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$10,625	141	\$7,728	\$11,533	\$16,740
	Private Boat	\$32,655	313	\$12,647	\$21,671	\$36,999
	Shore	\$10,832	110	\$4,214	\$7,226	\$12,593
	All Modes	\$54,111	565	\$24,589	\$40,430	\$66,332
Durable Expenses		\$199,892	2,234	\$95,073	\$147,639	\$242,270
Total Expenses		\$254,004	2,799	\$119,662	\$188,069	\$308,602

Table OR_2. Federal and State Tax Impacts Generated in Oregon in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$37	\$0	\$19,655	\$5,120	\$2,420	\$27,233
Federal Tax	\$14,054	\$868	\$4,019	\$6,863	\$2,296	\$28,100
Total	\$14,091	\$868	\$23,675	\$11,983	\$4,716	\$55,333

**Table OR_3:
Mean Expenditures by Mode and Resident Status in Oregon, 2011**

Oregon			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$27.55	\$87.14	\$67.17
		Auto Rental	\$0.00	\$2.05	\$1.37
		Bait	\$1.46	\$2.99	\$2.48
		Boat Rental	\$0.00	\$0.57	\$0.38
		Charter Fees	\$131.24	\$168.03	\$155.70
		Crew Tips	\$10.48	\$18.05	\$15.59
		Fish Processing	\$0.77	\$3.75	\$2.68
		Food from Grocery Stores	\$14.88	\$21.22	\$19.09
		Food from Restaurants	\$10.36	\$27.62	\$21.96
		Gifts & Souvenirs	\$1.88	\$18.27	\$12.77
		Ice	\$1.25	\$3.69	\$2.89
		Lodging	\$11.80	\$31.75	\$25.13
		Parking & Site Access	\$0.65	\$7.69	\$5.34
		Public Transportation	\$0.00	\$2.17	\$1.44
		Tournament Fees	\$0.12	\$1.43	\$0.96
		Trip Total		\$214.92	\$396.63
	Private Boat	Auto Fuel	\$21.03	\$62.53	\$35.07
		Auto Rental	\$0.00	\$0.88	\$0.30
		Bait	\$9.78	\$7.20	\$8.91
		Boat Fuel	\$35.29	\$27.79	\$32.77
		Boat Rental	\$0.00	\$2.69	\$0.90
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.03	\$0.12	\$0.06
		Food from Grocery Stores	\$11.61	\$17.97	\$13.76
		Food from Restaurants	\$6.98	\$16.33	\$10.15
		Gifts & Souvenirs	\$0.18	\$9.44	\$3.34
		Ice	\$2.53	\$3.15	\$2.74
		Lodging	\$0.97	\$22.63	\$8.31
		Parking & Site Access	\$3.31	\$3.21	\$3.27
		Public Transportation	\$0.00	\$0.78	\$0.26
		Tournament Fees	\$0.89	\$0.02	\$0.60
		Trip Total		\$92.61	\$174.75
	Shore	Auto Fuel	\$24.90	\$57.73	\$32.71
		Auto Rental	\$0.00	\$3.40	\$0.81
		Bait	\$6.14	\$6.01	\$6.11
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.14	\$0.03
		Food from Grocery Stores	\$10.24	\$16.04	\$11.64
		Food from Restaurants	\$4.22	\$18.99	\$7.80
		Gifts & Souvenirs	\$0.15	\$11.89	\$2.92
		Ice	\$0.82	\$2.71	\$1.27
		Lodging	\$1.44	\$34.37	\$9.11
Parking & Site Access		\$1.13	\$2.98	\$1.57	
Public Transportation		\$0.00	\$1.91	\$0.46	
Tournament Fees		\$0.04	\$0.00	\$0.03	
Trip Total			\$49.10	\$156.16	\$74.45

Table OR_3 Cont.:
Mean Expenditures by Mode and Resident Status in Oregon, 2011

Oregon		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$130.89	\$37.11	\$96.84
	Rods & Reels	\$111.15	\$29.36	\$80.70
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$2.04	\$0.00	\$1.27
	Camping Equipment	\$14.37	\$2.86	\$10.09
	Clothing	\$46.86	\$7.12	\$32.08
	Club Dues	\$2.52	\$0.48	\$1.76
	License Fees	\$43.83	\$64.29	\$51.43
	Magazine Subscriptions	\$6.49	\$0.88	\$4.41
	Taxidermy	\$0.22	\$0.22	\$0.22
	New Boat Purchase	\$228.96	\$0.27	\$142.34
	Used Boat Purchase	\$19.58	\$0.00	\$12.18
	New Canoe Purchase	\$1.82	\$0.00	\$1.13
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$66.50	\$3.10	\$42.54
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$75.18	\$1.40	\$47.46
	Boat Maintenance	\$129.55	\$11.60	\$84.97
	Boat Registration	\$27.81	\$1.16	\$17.80
	Boat Storage	\$84.88	\$9.63	\$56.67
	Boat Purchase Fees	\$11.42	\$0.00	\$7.11
	New Vehicle Purchase	\$57.84	\$0.00	\$36.14
	Used Vehicle Purchase	\$13.30	\$0.00	\$8.33
	Vehicle Insurance	\$40.76	\$0.00	\$25.58
	Vehicle Maintenance	\$15.03	\$0.00	\$9.39
	Vehicle Registration	\$6.65	\$0.00	\$4.17
	Vehicle Purchase Fees	\$2.88	\$0.00	\$1.80
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.17	\$0.00	\$0.11
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$1.28	\$12.69	\$5.54
	Second Home Purchase Fees	\$0.20	\$54.70	\$20.55
Real Estate Commissions	\$0.33	\$0.00	\$0.21	
	Total Annual	\$1,142.52	\$236.89	\$802.79

Table OR_4:

Total Expenditures by Mode and Resident Status in Oregon, 2011 (\$1,000s)

Oregon			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$1,283	\$135	\$1,418		
		Auto Rental	\$0	\$3	\$3		
		Bait	\$68	\$5	\$73		
		Boat Rental	\$0	\$1	\$1		
		Charter Fees	\$6,112	\$261	\$6,372		
		Crew Tips	\$488	\$28	\$516		
		Fish Processing	\$36	\$6	\$42		
		Food from Grocery Stores	\$693	\$33	\$726		
		Food from Restaurants	\$482	\$43	\$525		
		Gifts & Souvenirs	\$88	\$28	\$116		
		Ice	\$58	\$6	\$64		
		Lodging	\$550	\$49	\$599		
		Parking & Site Access Fees	\$30	\$12	\$42		
		Public Transportation	\$0	\$3	\$3		
		Tournament Fees	\$6	\$2	\$8		
		For-Hire Trip Total			\$10,009	\$615	\$10,625
		Private Boat	Auto Fuel	\$6,875	\$853	\$7,728	
	Auto Rental		\$0	\$12	\$12		
	Bait		\$3,197	\$98	\$3,295		
	Boat Fuel		\$11,537	\$379	\$11,916		
	Boat Rental		\$0	\$37	\$37		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$10	\$2	\$11		
	Food from Grocery Stores		\$3,795	\$245	\$4,041		
	Food from Restaurants		\$2,282	\$223	\$2,505		
	Gifts & Souvenirs		\$59	\$129	\$188		
	Ice		\$827	\$43	\$870		
	Lodging		\$317	\$309	\$626		
	Parking & Site Access Fees		\$1,082	\$44	\$1,126		
	Public Transportation		\$0	\$11	\$11		
	Tournament Fees		\$291	\$0	\$291		
	Private Boat Trip Total				\$30,271	\$2,384	\$32,655
	Shore		Auto Fuel	\$4,923	\$417	\$5,340	
		Auto Rental	\$0	\$25	\$25		
		Bait	\$1,214	\$43	\$1,257		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$1	\$1		
		Food from Grocery Stores	\$2,024	\$116	\$2,140		
		Food from Restaurants	\$834	\$137	\$972		
		Gifts & Souvenirs	\$30	\$86	\$116		
		Ice	\$162	\$20	\$182		
		Lodging	\$285	\$248	\$533		
		Parking & Site Access Fees	\$223	\$22	\$245		
		Public Transportation	\$0	\$14	\$14		
		Tournament Fees	\$8	\$0	\$8		
Shore Trip Total				\$9,703	\$1,129	\$10,832	
ALL TRIP MODES TOTAL			\$49,983	\$4,128	\$54,112		

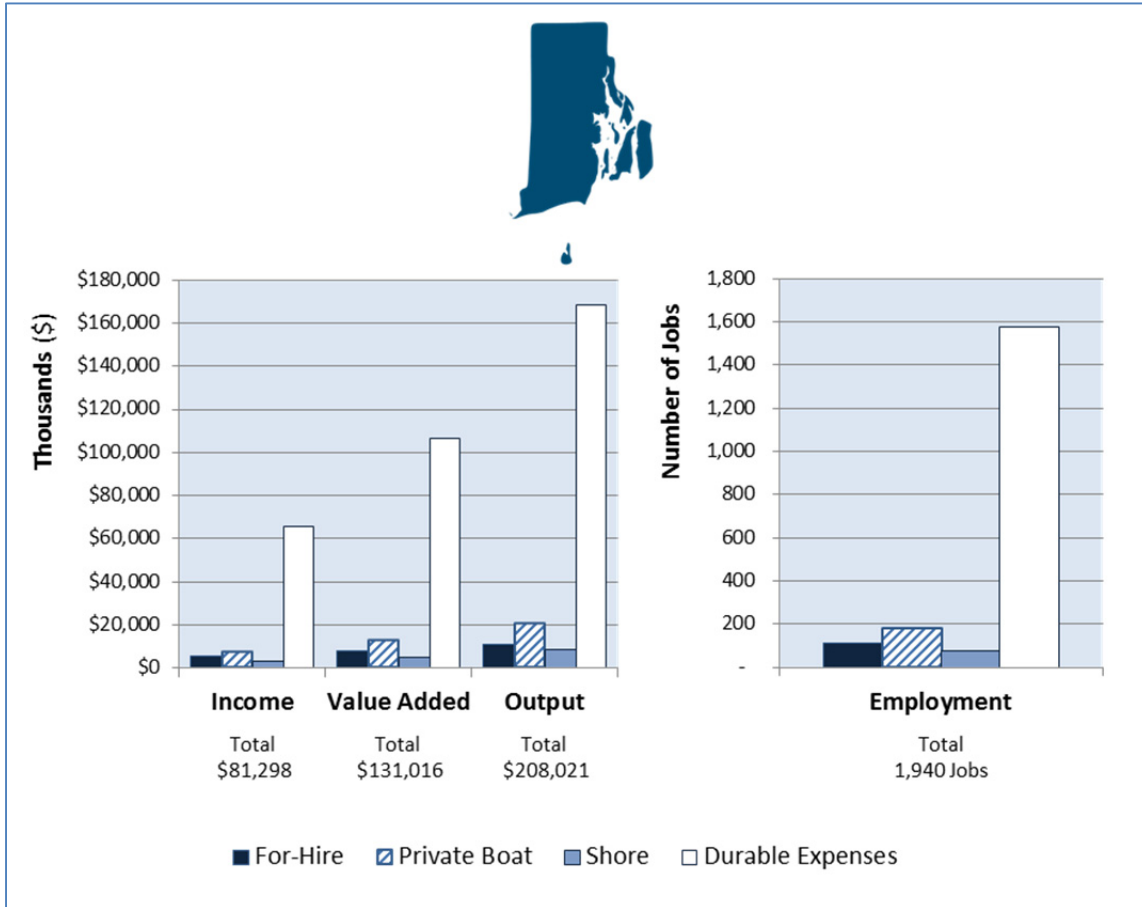
Table OR_4 Cont.:

Total Expenditures by Mode and Resident Status in Oregon, 2011 (\$1,000s)

Oregon		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$22,573	\$448	\$23,021
	Rods & Reels	\$19,169	\$354	\$19,523
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$352	\$0	\$352
	Camping Equipment	\$2,478	\$35	\$2,513
	Clothing	\$8,081	\$86	\$8,167
	Club Dues	\$435	\$6	\$440
	License Fees	\$7,559	\$776	\$8,334
	Magazine Subscriptions	\$1,119	\$11	\$1,130
	Taxidermy	\$38	\$3	\$41
	New Boat Purchase	\$39,486	\$3	\$39,489
	Used Boat Purchase	\$3,377	\$0	\$3,377
	New Canoe Purchase	\$314	\$0	\$314
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$11,468	\$37	\$11,506
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$12,965	\$17	\$12,982
	Boat Maintenance	\$22,342	\$140	\$22,482
	Boat Registration	\$4,796	\$14	\$4,810
	Boat Storage	\$14,638	\$116	\$14,754
	Boat Purchase Fees	\$1,969	\$0	\$1,969
	New Vehicle Purchase	\$9,975	\$0	\$9,975
	Used Vehicle Purchase	\$2,294	\$0	\$2,294
	Vehicle Insurance	\$7,029	\$0	\$7,029
	Vehicle Maintenance	\$2,592	\$0	\$2,592
	Vehicle Registration	\$1,147	\$0	\$1,147
	Vehicle Purchase Fees	\$497	\$0	\$497
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$29	\$0	\$29
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$221	\$153	\$374
	Second Home Purchase Fees	\$34	\$660	\$694
	Real Estate Commissions	\$57	\$0	\$57
	Total Annual	\$197,035	\$2,857	\$199,892
TRIP AND DURABLE GRAND TOTAL		\$247,018	\$6,985	\$254,004

Rhode Island

Figure RI_1. Total Economic Impacts Generated in Rhode Island in 2011



Total angler expenditures on marine recreational fishing in Rhode Island were \$179 million in 2011. Trip expenditures were \$34 million and expenditures on durable goods were \$145 million. Marine angling trip expenditures were 19% of total angling expenditures and durable good expenditures were the remaining 81%. For-hire fishing trip expenditures totaled \$6.9 million, private boat trip expenditures totaled \$19 million, and shore fishing trips totaled \$7.9 million. Mean trip expenditures by residents on for-hire fishing trips were \$93.66, \$40.92 on private boat trips, and \$15.30 for shore trips. Non-resident mean trip expenditures were \$205.88, \$36.66, and \$16.64 respectively. Residents spent \$15 million on trip expenses; \$646 thousand on for-hire trips, \$11 million on private boat trips, and \$3.5 million on shore trips. Non-residents spent \$18 million on trip expenses; \$6.3 million on for-hire trips, \$7.7 million on private boat trips, and \$4.3 million on shore trips. Resident spending on durable goods purchased in Rhode Island totaled \$31 million; non-resident spending on durable goods totaled \$114 million. Marine recreational fishing in Rhode Island contributed 1.9 thousand jobs to the state's economy, generated \$208 million in output (sales), \$131 million to the state's gross domestic product, and \$81 million in income. Trip expenditures generated approximately 364 jobs and durable expenses generated 1.6 thousand jobs. Marine angling trip expenditures supported 19% of total employment, and durable expenditures supported the remaining 81%.

Table RI_1. Total Economic Impacts Generated in Rhode Island in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$6,943	113	\$5,346	\$7,808	\$11,080
	Private Boat	\$18,884	178	\$7,171	\$12,028	\$20,393
	Shore	\$7,853	73	\$2,960	\$4,906	\$8,299
	All Modes	\$33,680	364	\$15,477	\$24,743	\$39,772
Durable Expenses		\$145,125	1,576	\$65,821	\$106,273	\$168,249
Total Expenses		\$178,805	1,940	\$81,298	\$131,016	\$208,021

Table RI_2. Federal and State Tax Impacts Generated in Rhode Island in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$312	\$0	\$15,046	\$2,297	\$1,285	\$18,939
Federal Tax	\$8,845	\$548	\$1,595	\$5,623	\$1,593	\$18,203
Total	\$9,157	\$548	\$16,640	\$7,919	\$2,878	\$37,142

**Table RI_3:
Mean Expenditures by Mode and Resident Status in Rhode Island, 2011**

Rhode Island			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trips	For-Hire	Auto Fuel	\$11.52	\$20.28	\$18.79		
		Auto Rental	\$0.00	\$0.00	\$0.00		
		Bait	\$0.00	\$0.05	\$0.05		
		Boat Rental	\$3.33	\$0.40	\$0.91		
		Charter Fees	\$58.74	\$117.98	\$108.25		
		Crew Tips	\$9.58	\$22.25	\$20.17		
		Fish Processing	\$0.00	\$0.00	\$0.00		
		Food from Grocery Stores	\$6.38	\$13.72	\$12.47		
		Food from Restaurants	\$3.88	\$10.70	\$9.53		
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00		
		Ice	\$0.22	\$0.58	\$0.52		
		Lodging	\$0.00	\$18.30	\$15.13		
		Parking & Site Access	\$0.00	\$0.00	\$0.00		
		Public Transportation	\$0.00	\$1.62	\$1.33		
		Tournament Fees	\$0.00	\$0.00	\$0.00		
		Trip Total			\$93.66	\$205.88	\$187.14
		Private Boat	Auto Fuel	\$6.60	\$14.21	\$10.46	
	Auto Rental		\$0.00	\$0.00	\$0.00		
	Bait		\$4.56	\$3.85	\$4.19		
	Boat Fuel		\$23.29	\$5.25	\$14.36		
	Boat Rental		\$0.00	\$0.00	\$0.00		
	Charter Fees		\$0.00	\$0.00	\$0.00		
	Fish Processing		\$0.00	\$0.00	\$0.00		
	Food from Grocery Stores		\$4.75	\$4.09	\$4.42		
	Food from Restaurants		\$1.22	\$7.57	\$4.40		
	Gifts & Souvenirs		\$0.00	\$0.00	\$0.00		
	Ice		\$0.51	\$0.78	\$0.64		
	Lodging		\$0.00	\$0.92	\$0.47		
	Parking & Site Access		\$0.00	\$0.00	\$0.00		
	Public Transportation		\$0.00	\$0.00	\$0.00		
	Tournament Fees		\$0.00	\$0.00	\$0.00		
	Trip Total				\$40.92	\$36.66	\$38.95
	Shore		Auto Fuel	\$9.19	\$9.35	\$9.27	
		Auto Rental	\$0.00	\$0.00	\$0.00		
		Bait	\$2.18	\$2.50	\$2.34		
		Boat Rental	\$0.00	\$0.00	\$0.00		
		Fish Processing	\$0.00	\$0.00	\$0.00		
		Food from Grocery Stores	\$3.25	\$3.32	\$3.29		
		Food from Restaurants	\$0.63	\$0.81	\$0.72		
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00		
		Ice	\$0.01	\$0.00	\$0.01		
		Lodging	\$0.00	\$0.53	\$0.27		
		Parking & Site Access	\$0.04	\$0.13	\$0.09		
		Public Transportation	\$0.00	\$0.00	\$0.00		
		Tournament Fees	\$0.00	\$0.00	\$0.00		
Trip Total				\$15.30	\$16.64	\$15.99	

Table RI_3 Cont.:

Mean Expenditures by Mode and Resident Status in Rhode Island, 2011

Rhode Island		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$94.90	\$175.22	\$124.22
	Rods & Reels	\$86.53	\$108.08	\$94.40
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.00	\$0.31	\$0.11
	Camping Equipment	\$0.00	\$0.40	\$0.15
	Clothing	\$11.40	\$10.06	\$10.91
	Club Dues	\$1.62	\$0.00	\$1.01
	License Fees	\$2.19	\$5.58	\$3.41
	Magazine Subscriptions	\$1.49	\$1.85	\$1.64
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$0.00	\$0.00	\$0.00
	Used Boat Purchase	\$0.00	\$0.00	\$0.00
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$36.27	\$27.24	\$32.94
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$4.33	\$21.53	\$10.38
	Boat Maintenance	\$46.00	\$154.89	\$91.12
	Boat Registration	\$17.75	\$8.70	\$14.54
	Boat Storage	\$5.95	\$214.12	\$83.45
	Boat Purchase Fees	\$0.00	\$0.00	\$0.00
	New Vehicle Purchase	\$33.46	\$0.00	\$20.96
	Used Vehicle Purchase	\$9.76	\$0.00	\$6.11
	Vehicle Insurance	\$0.00	\$0.00	\$0.00
	Vehicle Maintenance	\$1.35	\$0.00	\$0.80
	Vehicle Registration	\$0.49	\$0.00	\$0.29
	Vehicle Purchase Fees	\$2.60	\$0.00	\$1.63
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$0.00	\$0.00
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$356.09	\$728.00	\$498.05

Table RI_4:

Total Expenditures by Mode and Resident Status in Rhode Island, 2011 (\$1,000s)

Rhode Island			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$79	\$620	\$700		
		Auto Rental	\$0	\$0	\$0		
		Bait	\$0	\$2	\$2		
		Boat Rental	\$23	\$12	\$35		
		Charter Fees	\$405	\$3,608	\$4,013		
		Crew Tips	\$66	\$680	\$747		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$44	\$420	\$464		
		Food from Restaurants	\$27	\$327	\$354		
		Gifts & Souvenirs	\$0	\$0	\$0		
		Ice	\$2	\$18	\$19		
		Lodging	\$0	\$560	\$560		
		Parking & Site Access Fees	\$0	\$0	\$0		
		Public Transportation	\$0	\$50	\$50		
		Tournament Fees	\$0	\$0	\$0		
		For-Hire Trip Total			\$646	\$6,296	\$6,943
		Private Boat	Auto Fuel	\$1,810	\$2,969	\$4,779	
	Auto Rental		\$0	\$0	\$0		
	Bait		\$1,250	\$805	\$2,055		
	Boat Fuel		\$6,385	\$1,097	\$7,482		
	Boat Rental		\$0	\$0	\$0		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$1,302	\$855	\$2,157		
	Food from Restaurants		\$334	\$1,582	\$1,916		
	Gifts & Souvenirs		\$0	\$0	\$0		
	Ice		\$140	\$163	\$303		
	Lodging		\$0	\$192	\$192		
	Parking & Site Access Fees		\$0	\$0	\$0		
	Public Transportation		\$0	\$0	\$0		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$11,222	\$7,663	\$18,884
	Shore		Auto Fuel	\$2,114	\$2,434	\$4,549	
		Auto Rental	\$0	\$0	\$0		
		Bait	\$502	\$651	\$1,152		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$748	\$864	\$1,612		
		Food from Restaurants	\$145	\$211	\$356		
		Gifts & Souvenirs	\$0	\$0	\$0		
		Ice	\$2	\$0	\$2		
		Lodging	\$0	\$138	\$138		
		Parking & Site Access Fees	\$9	\$34	\$43		
		Public Transportation	\$0	\$0	\$0		
		Tournament Fees	\$0	\$0	\$0		
Shore Trip Total				\$3,520	\$4,332	\$7,853	
ALL TRIP MODES TOTAL			\$15,388	\$18,291	\$33,680		

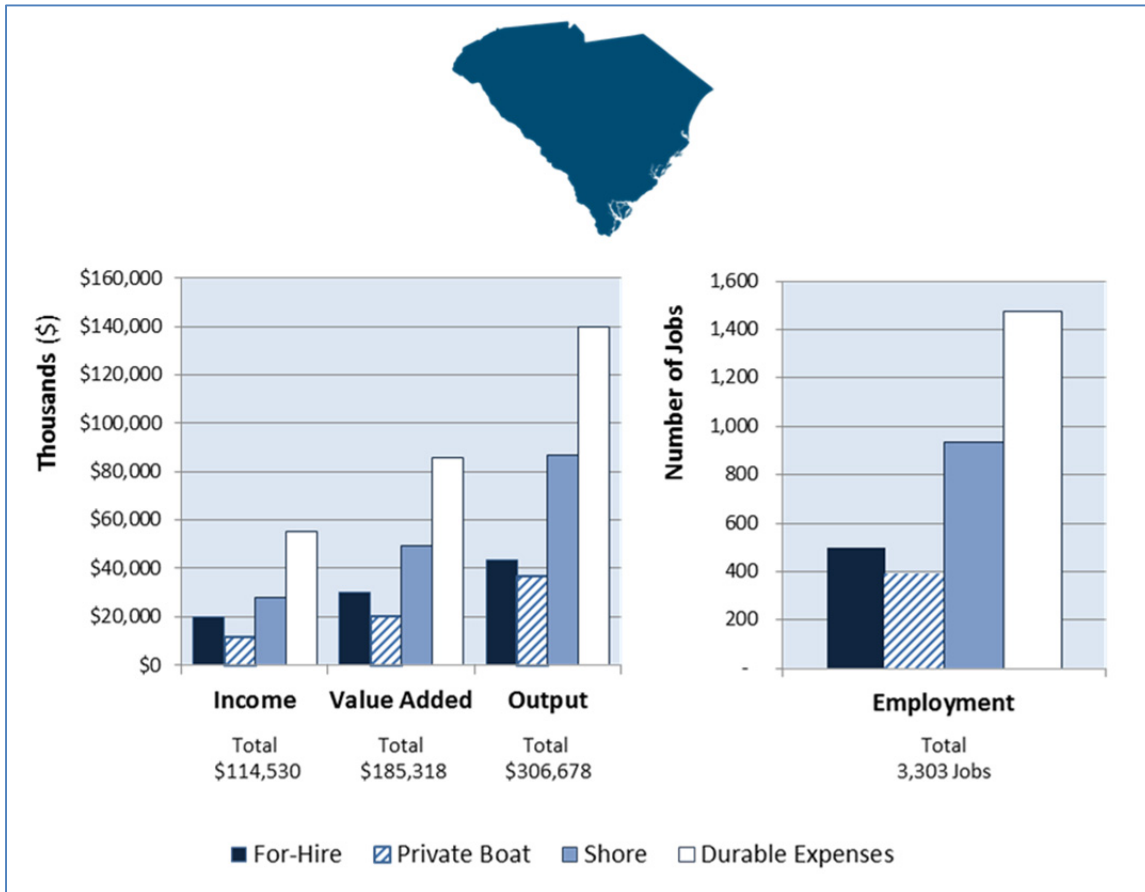
Table RI_4 Cont.:

Total Expenditures by Mode and Resident Status in Rhode Island, 2011 (\$1,000s)

Rhode Island		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$8,315	\$27,421	\$35,736
	Rods & Reels	\$7,582	\$16,914	\$24,496
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$0	\$49	\$49
	Camping Equipment	\$0	\$63	\$63
	Clothing	\$999	\$1,574	\$2,573
	Club Dues	\$142	\$0	\$142
	License Fees	\$192	\$873	\$1,065
	Magazine Subscriptions	\$131	\$290	\$420
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$0	\$0	\$0
	Used Boat Purchase	\$0	\$0	\$0
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$3,178	\$4,263	\$7,441
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$379	\$3,369	\$3,749
	Boat Maintenance	\$4,031	\$24,239	\$28,270
	Boat Registration	\$1,555	\$1,361	\$2,917
	Boat Storage	\$521	\$33,508	\$34,030
	Boat Purchase Fees	\$0	\$0	\$0
	New Vehicle Purchase	\$2,932	\$0	\$2,932
	Used Vehicle Purchase	\$855	\$0	\$855
	Vehicle Insurance	\$0	\$0	\$0
	Vehicle Maintenance	\$118	\$0	\$118
	Vehicle Registration	\$43	\$0	\$43
	Vehicle Purchase Fees	\$228	\$0	\$228
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$0	\$0
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
	Total Annual	\$31,202	\$113,924	\$145,125
TRIP AND DURABLE GRAND TOTAL		\$46,590	\$132,215	\$178,805

South Carolina

Figure SC_1. Total Economic Impacts Generated in South Carolina in 2011



Total angler expenditures on marine recreational fishing in South Carolina were \$287 million in 2011. Trip expenditures were \$137 million and expenditures on durable goods were \$151 million. Marine angling trip expenditures were 48% of total angling expenditures and durable good expenditures were the remaining 52%. For-hire fishing trip expenditures totaled \$30 million, private boat trip expenditures totaled \$36 million, and shore fishing trips totaled \$71 million. Mean trip expenditures by residents on for-hire fishing trips were \$298.80, \$41.68 on private boat trips, and \$38.08 for shore trips. Non-resident mean trip expenditures were \$470.91, \$80.99, and \$163.98 respectively. Residents spent \$55 million on trip expenses; \$5 million on for-hire trips, \$31 million on private boat trips, and \$19 million on shore trips. Non-residents spent \$82 million on trip expenses; \$25 million on for-hire trips, \$4.6 million on private boat trips, and \$53 million on shore trips. Resident spending on durable goods purchased in South Carolina totaled \$141 million; non-resident spending on durable goods totaled \$10 million. Marine recreational fishing in South Carolina contributed 3.3 thousand jobs to the state's economy, generated \$307 million in output (sales), \$185 million to the state's gross domestic product, and \$115 million in income. Trip expenditures generated approximately 1.8 thousand jobs and durable expenses generated 1.5 thousand jobs. Marine angling trip expenditures supported 55% of total employment, and durable expenditures supported the remaining 45%.

Table SC_1. Total Economic Impacts Generated in South Carolina in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$29,766	498	\$19,763	\$29,985	\$43,606
	Private Boat	\$35,651	393	\$11,674	\$20,428	\$36,659
	Shore	\$71,194	935	\$27,968	\$49,345	\$86,743
	All Modes	\$136,611	1,826	\$59,405	\$99,759	\$167,008
Durable Expenses		\$150,541	1,477	\$55,125	\$85,559	\$139,669
Total Expenses		\$287,152	3,303	\$114,530	\$185,318	\$306,678

Table SC_2. Federal and State Tax Impacts Generated in South Carolina in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$349	\$0	\$21,324	\$2,560	\$1,499	\$25,731
Federal Tax	\$11,651	\$799	\$3,078	\$5,675	\$2,228	\$0
Total	\$11,999	\$799	\$24,402	\$8,236	\$3,726	\$25,731

Table SC_3:
Mean Expenditures by Mode and Resident Status in South Carolina, 2011

South Carolina			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$29.22	\$56.92	\$46.60
		Auto Rental	\$0.00	\$4.62	\$2.86
		Bait	\$0.00	\$0.00	\$0.00
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$190.56	\$213.42	\$204.87
		Crew Tips	\$12.38	\$8.59	\$9.94
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$14.27	\$17.05	\$16.03
		Food from Restaurants	\$18.62	\$41.61	\$33.01
		Gifts & Souvenirs	\$1.17	\$31.01	\$19.54
		Ice	\$0.00	\$0.00	\$0.00
		Lodging	\$32.58	\$89.43	\$68.32
		Parking & Site Access	\$0.00	\$0.02	\$0.01
		Public Transportation	\$0.00	\$8.24	\$5.14
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$298.80	\$470.91
	Private Boat	Auto Fuel	\$10.57	\$24.78	\$11.37
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$5.91	\$2.75	\$5.73
		Boat Fuel	\$15.03	\$5.02	\$14.47
		Boat Rental	\$0.01	\$1.82	\$0.11
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$6.22	\$7.03	\$6.27
		Food from Restaurants	\$1.55	\$10.77	\$2.06
		Gifts & Souvenirs	\$0.00	\$0.40	\$0.02
		Ice	\$2.02	\$0.93	\$1.96
		Lodging	\$0.36	\$27.06	\$1.88
		Parking & Site Access	\$0.01	\$0.00	\$0.01
		Public Transportation	\$0.00	\$0.44	\$0.02
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$41.68	\$80.99
	Shore	Auto Fuel	\$12.95	\$52.50	\$28.44
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$3.83	\$4.10	\$3.93
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$6.13	\$15.89	\$9.91
		Food from Restaurants	\$5.06	\$20.29	\$11.01
		Gifts & Souvenirs	\$0.04	\$3.58	\$1.43
		Ice	\$0.89	\$0.33	\$0.67
		Lodging	\$6.55	\$64.31	\$29.44
Parking & Site Access		\$2.62	\$2.99	\$2.77	
Public Transportation		\$0.00	\$0.00	\$0.00	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$38.08	\$163.98	\$87.60

Table SC_3 Cont.:

Mean Expenditures by Mode and Resident Status in South Carolina, 2011

South Carolina		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$76.34	\$33.68	\$56.60
	Rods & Reels	\$150.87	\$2.93	\$82.44
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$1.19	\$0.00	\$0.66
	Camping Equipment	\$8.70	\$0.00	\$4.77
	Clothing	\$9.33	\$2.60	\$6.39
	Club Dues	\$0.34	\$0.00	\$0.19
	License Fees	\$27.01	\$4.67	\$17.05
	Magazine Subscriptions	\$2.62	\$0.00	\$1.47
	Taxidermy	\$0.00	\$0.00	\$0.00
	New Boat Purchase	\$238.85	\$0.00	\$112.60
	Used Boat Purchase	\$5.48	\$0.00	\$2.79
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$45.60	\$0.00	\$23.06
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$54.93	\$0.00	\$27.71
	Boat Maintenance	\$31.83	\$0.00	\$16.05
	Boat Registration	\$14.19	\$0.00	\$7.18
	Boat Storage	\$0.72	\$0.00	\$0.36
	Boat Purchase Fees	\$21.40	\$0.00	\$10.88
	New Vehicle Purchase	\$4.49	\$0.00	\$2.48
	Used Vehicle Purchase	\$2.87	\$0.00	\$1.59
	Vehicle Insurance	\$5.07	\$0.00	\$2.79
	Vehicle Maintenance	\$8.87	\$0.00	\$4.89
	Vehicle Registration	\$1.21	\$0.00	\$0.67
	Vehicle Purchase Fees	\$0.00	\$0.00	\$0.00
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.00	\$0.00	\$0.00
	Second Home Purchase Fees	\$0.00	\$0.00	\$0.00
	Real Estate Commissions	\$0.00	\$0.00	\$0.00
Total Annual		\$711.90	\$43.88	\$382.62

Table SC_4:

Total Expenditures by Mode and Resident Status in South Carolina, 2011 (\$1,000s)

South Carolina			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$487	\$2,996	\$3,483	
		Auto Rental	\$0	\$243	\$243	
		Bait	\$0	\$0	\$0	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$3,174	\$11,234	\$14,408	
		Crew Tips	\$206	\$452	\$658	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$238	\$898	\$1,135	
		Food from Restaurants	\$310	\$2,190	\$2,500	
		Gifts & Souvenirs	\$19	\$1,632	\$1,652	
		Ice	\$0	\$0	\$0	
		Lodging	\$543	\$4,708	\$5,250	
		Parking & Site Access Fees	\$0	\$1	\$1	
		Public Transportation	\$0	\$434	\$434	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total		\$4,977	\$24,789	\$29,766
		Private Boat	Auto Fuel	\$7,877	\$1,404	\$9,281
	Auto Rental		\$0	\$0	\$0	
	Bait		\$4,404	\$156	\$4,560	
	Boat Fuel		\$11,201	\$284	\$11,485	
	Boat Rental		\$7	\$103	\$111	
	Charter Fees		\$0	\$0	\$0	
	Fish Processing		\$0	\$0	\$0	
	Food from Grocery Stores		\$4,635	\$398	\$5,034	
	Food from Restaurants		\$1,155	\$610	\$1,765	
	Gifts & Souvenirs		\$0	\$23	\$23	
	Ice		\$1,505	\$53	\$1,558	
	Lodging		\$268	\$1,533	\$1,802	
	Parking & Site Access Fees		\$7	\$0	\$7	
	Public Transportation		\$0	\$25	\$25	
	Tournament Fees		\$0	\$0	\$0	
	Private Boat Trip Total			\$31,062	\$4,590	\$35,651
	Shore		Auto Fuel	\$6,309	\$16,854	\$23,163
		Auto Rental	\$0	\$0	\$0	
		Bait	\$1,866	\$1,316	\$3,182	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$2,987	\$5,101	\$8,088	
		Food from Restaurants	\$2,465	\$6,514	\$8,979	
		Gifts & Souvenirs	\$19	\$1,149	\$1,169	
		Ice	\$434	\$106	\$540	
		Lodging	\$3,191	\$20,645	\$23,837	
		Parking & Site Access Fees	\$1,277	\$960	\$2,236	
		Public Transportation	\$0	\$0	\$0	
		Tournament Fees	\$0	\$0	\$0	
Shore Trip Total			\$18,548	\$52,646	\$71,194	
ALL TRIP MODES TOTAL			\$54,587	\$82,025	\$136,611	

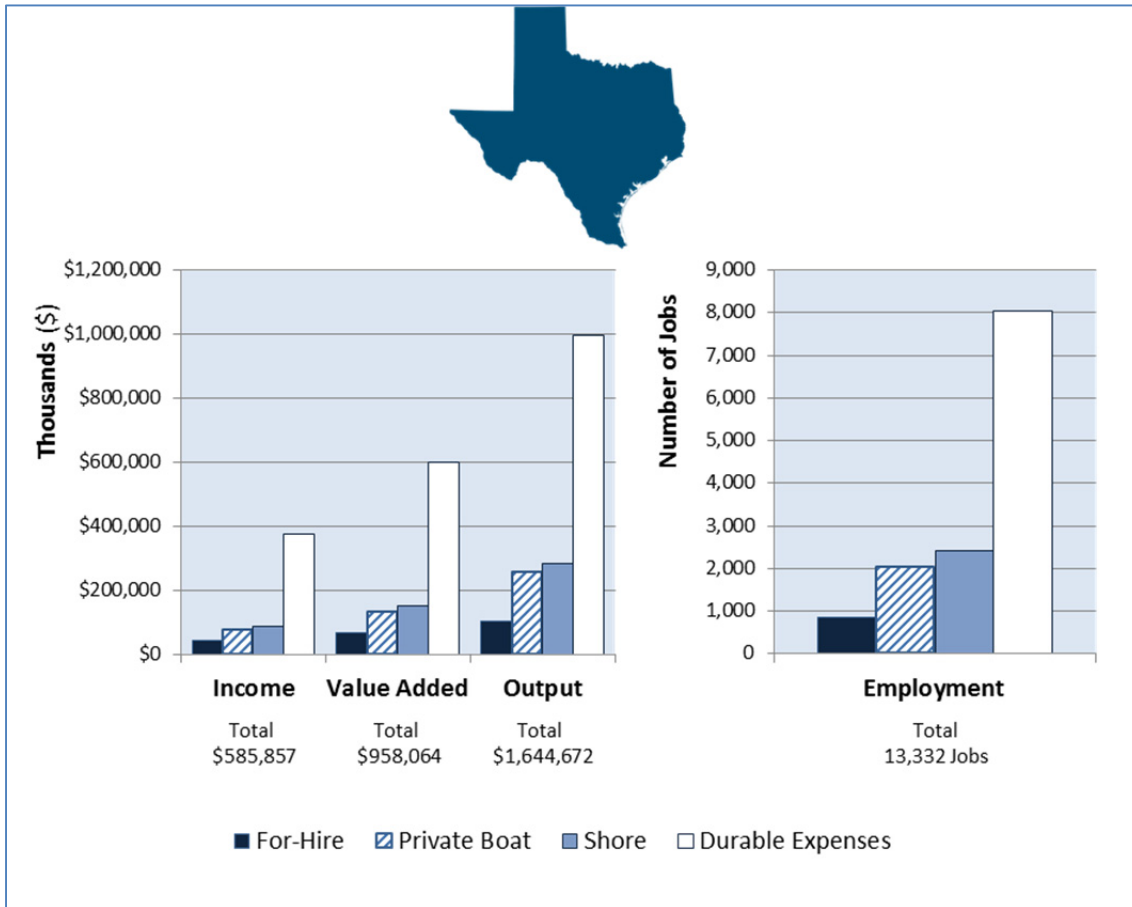
Table SC_4 Cont.:

Total Expenditures by Mode and Resident Status in South Carolina, 2011 (\$1,000s)

South Carolina		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$15,072	\$7,663	\$22,735
	Rods & Reels	\$29,787	\$667	\$30,454
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$235	\$0	\$235
	Camping Equipment	\$1,718	\$0	\$1,718
	Clothing	\$1,842	\$592	\$2,434
	Club Dues	\$67	\$0	\$67
	License Fees	\$5,333	\$1,063	\$6,395
	Magazine Subscriptions	\$517	\$0	\$517
	Taxidermy	\$0	\$0	\$0
	New Boat Purchase	\$47,158	\$0	\$47,158
	Used Boat Purchase	\$1,082	\$0	\$1,082
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$9,003	\$0	\$9,003
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$10,845	\$0	\$10,845
	Boat Maintenance	\$6,284	\$0	\$6,284
	Boat Registration	\$2,802	\$0	\$2,802
	Boat Storage	\$142	\$0	\$142
	Boat Purchase Fees	\$4,225	\$0	\$4,225
	New Vehicle Purchase	\$886	\$0	\$886
	Used Vehicle Purchase	\$567	\$0	\$567
	Vehicle Insurance	\$1,001	\$0	\$1,001
	Vehicle Maintenance	\$1,751	\$0	\$1,751
	Vehicle Registration	\$239	\$0	\$239
	Vehicle Purchase Fees	\$0	\$0	\$0
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$0	\$0	\$0
	Second Home Purchase Fees	\$0	\$0	\$0
	Real Estate Commissions	\$0	\$0	\$0
Total Annual		\$140,557	\$9,984	\$150,541
TRIP AND DURABLE GRAND TOTAL		\$195,144	\$92,009	\$287,152

Texas

Figure TX_1. Total Economic Impacts Generated in Texas in 2011



Total angler expenditures on marine recreational fishing in Texas were \$1.4 billion in 2011. Trip expenditures were \$402 million and expenditures on durable goods were \$1 billion. Marine angling trip expenditures were 29% of total angling expenditures and durable good expenditures were the remaining 71%. For-hire fishing trip expenditures totaled \$62 million, private boat trip expenditures totaled \$162 million, and shore fishing trips totaled \$178 million. Mean trip expenditures by residents on for-hire fishing trips were \$410.54, \$182.87 on private boat trips, and \$156.53 for shore trips. Non-resident mean trip expenditures were \$460.30, \$181.64, and \$186.45 respectively. Residents spent \$373 million on trip expenses; \$57 million on for-hire trips, \$153 million on private boat trips, and \$163 million on shore trips. Non-residents spent \$29 million on trip expenses; \$4.6 million on for-hire trips, \$9 million on private boat trips, and \$15 million on shore trips. Resident spending on durable goods purchased in Texas totaled \$979 million; non-resident spending on durable goods totaled \$22 million. Marine recreational fishing in Texas contributed 13 thousand jobs to the state's economy, generated \$1.6 billion in output (sales), \$958 million to the state's gross domestic product, and \$586 million in income. Trip expenditures generated approximately 5.3 thousand jobs and durable expenses generated 8 thousand jobs. Marine angling trip expenditures supported 40% of total employment, and durable expenditures supported the remaining 60%.

Table TX_1. Total Economic Impacts Generated in Texas in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$61,617	842	\$44,174	\$68,244	\$104,649
	Private Boat	\$162,045	2,021	\$77,257	\$135,933	\$256,920
	Shore	\$177,853	2,427	\$87,109	\$152,220	\$284,745
	All Modes	\$401,514	5,291	\$208,540	\$356,397	\$646,314
Durable Expenses		\$1,001,002	8,042	\$377,317	\$601,667	\$998,358
Total Expenses		\$1,402,517	13,332	\$585,857	\$958,064	\$1,644,672

Table TX_2. Federal and State Tax Impacts Generated in Texas in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$1,266	\$0	\$104,408	\$4,484	\$3,024	\$113,182
Federal Tax	\$54,690	\$5,094	\$16,143	\$42,738	\$12,156	\$130,821
Total	\$55,956	\$5,094	\$120,551	\$47,222	\$15,180	\$244,003

Table TX_3:
Mean Expenditures by Mode and Resident Status in Texas, 2011

Texas		Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$54.94	\$85.63	\$62.18
		Auto Rental	\$0.00	\$22.57	\$5.32
		Bait	\$4.26	\$2.55	\$3.84
		Boat Rental	\$6.72	\$5.89	\$6.52
		Charter Fees	\$205.77	\$152.20	\$192.61
		Crew Tips	\$13.86	\$19.65	\$15.33
		Fish Processing	\$0.00	\$0.29	\$0.07
		Food from Grocery Stores	\$34.16	\$27.89	\$32.68
		Food from Restaurants	\$37.31	\$30.41	\$35.69
		Gifts & Souvenirs	\$8.13	\$24.83	\$12.24
		Ice	\$5.45	\$2.42	\$4.73
		Lodging	\$38.56	\$67.44	\$45.64
		Parking & Site Access	\$0.58	\$4.64	\$1.57
		Public Transportation	\$0.00	\$13.55	\$3.23
		Tournament Fees	\$0.00	\$0.11	\$0.03
		Trip Total		\$410.54	\$460.30
	Private Boat	Auto Fuel	\$46.06	\$36.93	\$45.41
		Auto Rental	\$0.00	\$14.27	\$1.02
		Bait	\$13.60	\$10.20	\$13.36
		Boat Fuel	\$32.99	\$16.11	\$31.77
		Boat Rental	\$1.98	\$0.66	\$1.88
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$32.74	\$15.64	\$31.53
		Food from Restaurants	\$23.84	\$28.68	\$24.18
		Gifts & Souvenirs	\$1.70	\$8.94	\$2.22
		Ice	\$4.19	\$3.17	\$4.12
		Lodging	\$22.35	\$21.35	\$22.28
		Parking & Site Access	\$1.68	\$1.59	\$1.67
		Public Transportation	\$0.00	\$21.37	\$1.53
		Tournament Fees	\$1.74	\$2.71	\$1.81
		Trip Total		\$182.87	\$181.64
	Shore	Auto Fuel	\$44.52	\$47.26	\$44.73
		Auto Rental	\$0.04	\$3.16	\$0.29
		Bait	\$12.33	\$10.35	\$12.17
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.09	\$0.01
		Food from Grocery Stores	\$33.16	\$32.21	\$33.08
		Food from Restaurants	\$24.39	\$24.82	\$24.42
		Gifts & Souvenirs	\$3.04	\$10.24	\$3.61
		Ice	\$2.87	\$3.50	\$2.92
		Lodging	\$33.84	\$48.66	\$35.01
Parking & Site Access		\$2.33	\$2.60	\$2.35	
Public Transportation		\$0.02	\$3.56	\$0.30	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$156.53	\$186.45	\$158.90

Table TX_3 Cont.:
Mean Expenditures by Mode and Resident Status in Texas, 2011

Texas		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$96.42	\$30.16	\$90.53
	Rods & Reels	\$115.22	\$34.90	\$108.08
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$7.77	\$0.00	\$7.06
	Camping Equipment	\$17.40	\$1.37	\$15.95
	Clothing	\$40.50	\$4.08	\$37.18
	Club Dues	\$4.55	\$0.04	\$4.15
	License Fees	\$34.90	\$38.50	\$35.22
	Magazine Subscriptions	\$10.32	\$0.74	\$9.44
	Taxidermy	\$0.56	\$0.00	\$0.51
	New Boat Purchase	\$422.82	\$85.17	\$391.15
	Used Boat Purchase	\$0.00	\$1.43	\$0.13
	New Canoe Purchase	\$7.35	\$0.00	\$6.65
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$20.28	\$0.24	\$18.40
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$35.20	\$0.15	\$31.91
	Boat Maintenance	\$46.30	\$1.03	\$42.03
	Boat Registration	\$14.20	\$0.16	\$12.89
	Boat Storage	\$27.03	\$0.21	\$24.50
	Boat Purchase Fees	\$22.74	\$4.25	\$21.00
	New Vehicle Purchase	\$279.55	\$0.00	\$253.99
	Used Vehicle Purchase	\$50.90	\$0.00	\$46.25
	Vehicle Insurance	\$21.90	\$0.00	\$19.88
	Vehicle Maintenance	\$13.26	\$0.00	\$12.04
	Vehicle Registration	\$2.90	\$0.00	\$2.63
	Vehicle Purchase Fees	\$26.91	\$0.00	\$24.45
	New Home Purchase	\$52.96	\$112.05	\$58.33
	Second Home Insurance	\$2.41	\$0.00	\$2.19
	Second Home Maintenance	\$4.89	\$0.00	\$4.44
	Second Home Property Taxes	\$14.40	\$2.21	\$13.30
	Second Home Purchase Fees	\$7.93	\$4.01	\$7.58
	Real Estate Commissions	\$28.20	\$6.72	\$26.25
Total Annual		\$1,429.75	\$327.41	\$1,328.09

Table TX_4:

Total Expenditures by Mode and Resident Status in Texas, 2011 (\$1,000s)

Texas		Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$7,628	\$859	\$8,487	
		Auto Rental	\$0	\$226	\$226	
		Bait	\$591	\$26	\$617	
		Boat Rental	\$933	\$59	\$992	
		Charter Fees	\$28,569	\$1,526	\$30,095	
		Crew Tips	\$1,924	\$197	\$2,121	
		Fish Processing	\$0	\$3	\$3	
		Food from Grocery Stores	\$4,743	\$280	\$5,022	
		Food from Restaurants	\$5,180	\$305	\$5,485	
		Gifts & Souvenirs	\$1,129	\$249	\$1,378	
		Ice	\$757	\$24	\$781	
		Lodging	\$5,354	\$676	\$6,030	
		Parking & Site Access Fees	\$81	\$47	\$127	
		Public Transportation	\$0	\$136	\$136	
		Tournament Fees	\$0	\$1	\$1	
		For-Hire Trip Total		\$57,001	\$4,616	\$61,617
		Private Boat	Auto Fuel	\$38,552	\$1,827	\$40,379
	Auto Rental		\$0	\$706	\$706	
	Bait		\$11,383	\$504	\$11,888	
	Boat Fuel		\$27,613	\$797	\$28,409	
	Boat Rental		\$1,657	\$33	\$1,690	
	Charter Fees		\$0	\$0	\$0	
	Fish Processing		\$0	\$0	\$0	
	Food from Grocery Stores		\$27,403	\$774	\$28,177	
	Food from Restaurants		\$19,954	\$1,418	\$21,373	
	Gifts & Souvenirs		\$1,423	\$442	\$1,865	
	Ice		\$3,507	\$157	\$3,664	
	Lodging		\$18,707	\$1,056	\$19,763	
	Parking & Site Access Fees		\$1,406	\$79	\$1,485	
	Public Transportation		\$0	\$1,057	\$1,057	
	Tournament Fees		\$1,456	\$134	\$1,590	
	Private Boat Trip Total			\$153,062	\$8,983	\$162,045
	Shore		Auto Fuel	\$46,292	\$3,823	\$50,115
		Auto Rental	\$42	\$256	\$297	
		Bait	\$12,821	\$837	\$13,658	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$7	\$7	
		Food from Grocery Stores	\$34,480	\$2,605	\$37,085	
		Food from Restaurants	\$25,361	\$2,008	\$27,368	
		Gifts & Souvenirs	\$3,161	\$828	\$3,989	
		Ice	\$2,984	\$283	\$3,267	
		Lodging	\$35,187	\$3,936	\$39,123	
		Parking & Site Access Fees	\$2,423	\$210	\$2,633	
		Public Transportation	\$21	\$288	\$309	
		Tournament Fees	\$0	\$0	\$0	
Shore Trip Total			\$162,772	\$15,081	\$177,853	
ALL TRIP MODES TOTAL			\$372,835	\$28,680	\$401,515	

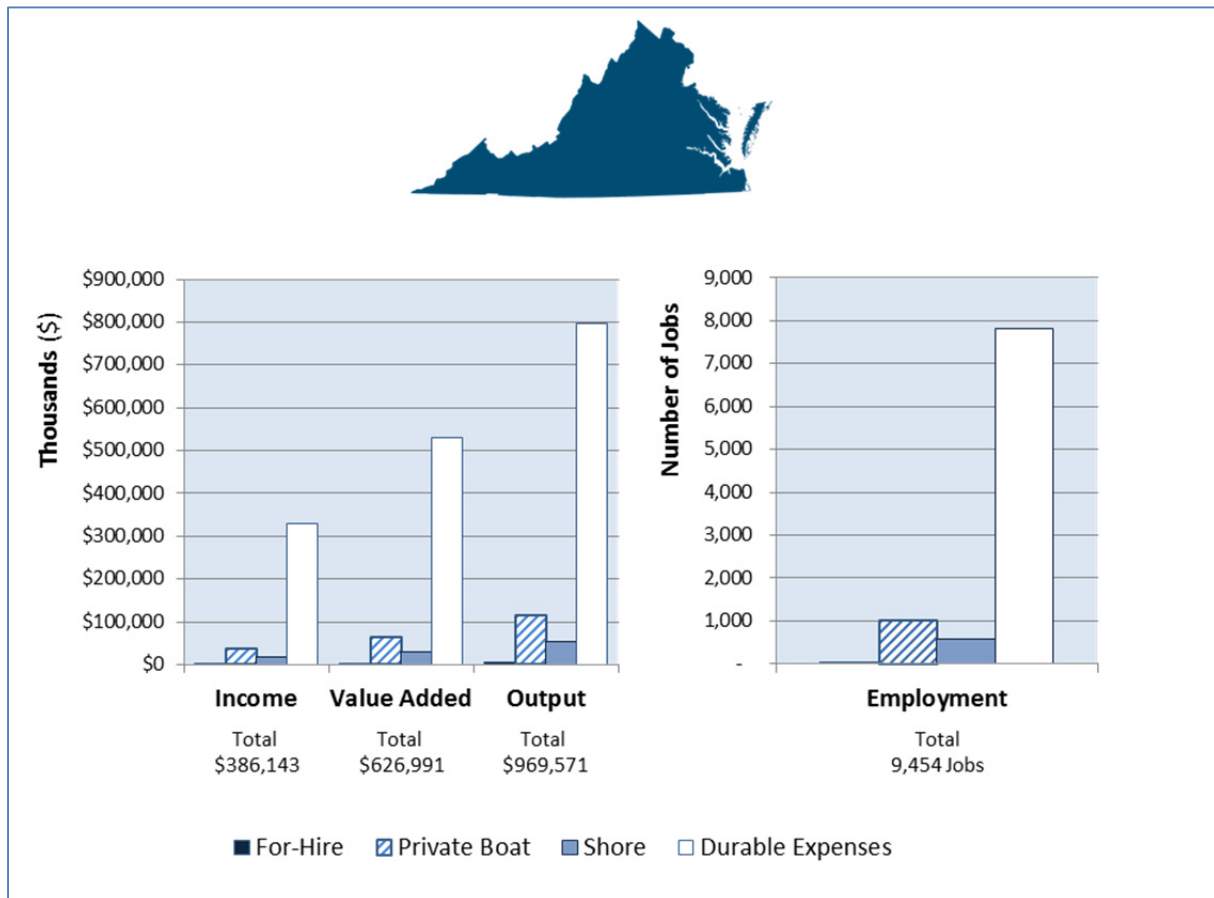
Table TX_4 Cont.:

Total Expenditures by Mode and Resident Status in Texas, 2011 (\$1,000s)

Texas		Resident Status			
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers	
Durable	Tackle	\$66,048	\$1,991	\$68,038	
	Rods & Reels	\$78,926	\$2,303	\$81,229	
	Spearfishing Gear	\$0	\$0	\$0	
	Binoculars	\$5,322	\$0	\$5,322	
	Camping Equipment	\$11,919	\$90	\$12,009	
	Clothing	\$27,743	\$269	\$28,012	
	Club Dues	\$3,117	\$3	\$3,119	
	License Fees	\$23,907	\$2,541	\$26,448	
	Magazine Subscriptions	\$7,069	\$49	\$7,118	
	Taxidermy	\$384	\$0	\$384	
	New Boat Purchase	\$289,632	\$5,621	\$295,253	
	Used Boat Purchase	\$0	\$94	\$94	
	New Canoe Purchase	\$5,035	\$0	\$5,035	
	Used Canoe Purchase	\$0	\$0	\$0	
	New Accessory Purchase	\$13,892	\$16	\$13,908	
	Used Accessory Purchase	\$0	\$0	\$0	
	Boat Insurance	\$24,112	\$10	\$24,122	
	Boat Maintenance	\$31,716	\$68	\$31,783	
	Boat Registration	\$9,727	\$11	\$9,738	
	Boat Storage	\$18,516	\$14	\$18,529	
	Boat Purchase Fees	\$15,577	\$281	\$15,857	
	New Vehicle Purchase	\$191,492	\$0	\$191,492	
	Used Vehicle Purchase	\$34,867	\$0	\$34,867	
	Vehicle Insurance	\$15,002	\$0	\$15,002	
	Vehicle Maintenance	\$9,083	\$0	\$9,083	
	Vehicle Registration	\$1,987	\$0	\$1,987	
	Vehicle Purchase Fees	\$18,433	\$0	\$18,433	
	New Home Purchase	\$36,278	\$7,395	\$43,673	
	Second Home Insurance	\$1,651	\$0	\$1,651	
	Second Home Maintenance	\$3,350	\$0	\$3,350	
	Second Home Property Taxes	\$9,864	\$146	\$10,010	
	Second Home Purchase Fees	\$5,432	\$265	\$5,697	
	Real Estate Commissions	\$19,317	\$444	\$19,761	
		Total Annual	\$979,392	\$21,610	\$1,001,002
	TRIP AND DURABLE GRAND TOTAL		\$1,352,227	\$50,290	\$1,402,517

Virginia

Figure VA_1. Total Economic Impacts Generated in Virginia in 2011



Total angler expenditures on marine recreational fishing in Virginia were \$923 million in 2011. Trip expenditures were \$151 million and expenditures on durable goods were \$772 million. Marine angling trip expenditures were 16% of total angling expenditures and durable good expenditures were the remaining 84%. For-hire fishing trip expenditures totaled \$3.8 million, private boat trip expenditures totaled \$105 million, and shore fishing trips totaled \$42 million. Mean trip expenditures by residents on for-hire fishing trips were \$107.67, \$56.59 on private boat trips, and \$26.45 for shore trips. Non-resident mean trip expenditures were \$180.51, \$75.95, and \$99.24 respectively. Residents spent \$97 million on trip expenses; \$1.8 million on for-hire trips, \$77 million on private boat trips, and \$19 million on shore trips. Non-residents spent \$54 million on trip expenses; \$2 million on for-hire trips, \$28 million on private boat trips, and \$24 million on shore trips. Resident spending on durable goods purchased in Virginia totaled \$724 million; non-resident spending on durable goods totaled \$49 million. Marine recreational fishing in Virginia contributed 9.5 thousand jobs to the state's economy, generated \$970 million in output (sales), \$627 million to the state's gross domestic product, and \$386 million in income. Trip expenditures generated approximately 1.6 thousand jobs and durable expenses generated 7.8 thousand jobs. Marine angling trip expenditures supported 17% of total employment, and durable expenditures supported the remaining 83%.

Table VA_1. Total Economic Impacts Generated in Virginia in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$3,834	52	\$2,414	\$3,705	\$5,462
	Private Boat	\$105,019	1,004	\$36,311	\$64,170	\$113,259
	Shore	\$42,385	576	\$18,073	\$30,262	\$53,496
	All Modes	\$151,238	1,631	\$56,798	\$98,137	\$172,218
Durable Expenses		\$772,167	7,823	\$329,345	\$528,855	\$797,354
Total Expenses		\$923,405	9,454	\$386,143	\$626,991	\$969,571

Table VA_2. Federal and State Tax Impacts Generated in Virginia in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$715	\$0	\$71,648	\$12,126	\$4,017	\$88,506
Federal Tax	\$37,752	\$1,653	\$11,875	\$33,303	\$7,598	\$92,180
Total	\$38,467	\$1,653	\$83,523	\$45,429	\$11,614	\$180,687

Table VA_3:
Mean Expenditures by Mode and Resident Status in Virginia, 2011

Virginia			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$20.40	\$51.03	\$29.54
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$1.06	\$0.63	\$0.93
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$65.52	\$56.38	\$62.79
		Crew Tips	\$4.04	\$1.81	\$3.38
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$8.78	\$12.14	\$9.76
		Food from Restaurants	\$2.44	\$14.10	\$5.90
		Gifts & Souvenirs	\$0.00	\$4.54	\$1.34
		Ice	\$0.62	\$0.29	\$0.52
		Lodging	\$4.61	\$38.52	\$14.73
		Parking & Site Access	\$0.20	\$0.09	\$0.17
		Public Transportation	\$0.00	\$0.98	\$0.29
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$107.67	\$180.51
	Private Boat	Auto Fuel	\$16.79	\$22.31	\$17.81
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$6.41	\$4.83	\$6.12
		Boat Fuel	\$22.14	\$18.06	\$21.38
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$7.09	\$6.83	\$7.04
		Food from Restaurants	\$0.51	\$7.08	\$1.67
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$2.13	\$1.95	\$2.10
		Lodging	\$0.62	\$14.40	\$3.11
		Parking & Site Access	\$0.93	\$0.48	\$0.85
		Public Transportation	\$0.00	\$0.00	\$0.00
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$56.59	\$75.95
	Shore	Auto Fuel	\$9.56	\$29.29	\$13.91
		Auto Rental	\$0.89	\$0.00	\$0.69
		Bait	\$6.41	\$10.08	\$7.22
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$4.02	\$8.44	\$5.03
		Food from Restaurants	\$0.36	\$9.04	\$2.34
		Gifts & Souvenirs	\$0.00	\$5.98	\$1.32
		Ice	\$1.09	\$1.78	\$1.23
		Lodging	\$0.17	\$28.24	\$6.47
Parking & Site Access		\$3.95	\$6.40	\$4.49	
Public Transportation		\$0.00	\$0.00	\$0.00	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$26.45	\$99.24	\$42.69

Table VA_3 Cont.:
Mean Expenditures by Mode and Resident Status in Virginia, 2011

Virginia		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$252.39	\$60.55	\$175.54
	Rods & Reels	\$210.81	\$12.82	\$131.91
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$0.21	\$2.97	\$1.30
	Camping Equipment	\$6.23	\$0.00	\$3.66
	Clothing	\$60.16	\$0.80	\$37.55
	Club Dues	\$7.46	\$19.78	\$11.62
	License Fees	\$41.79	\$27.39	\$36.17
	Magazine Subscriptions	\$9.19	\$0.00	\$5.60
	Taxidermy	\$0.01	\$0.00	\$0.01
	New Boat Purchase	\$193.82	\$34.25	\$126.74
	Used Boat Purchase	\$9.22	\$0.00	\$5.36
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$60.15	\$0.06	\$35.83
	Used Accessory Purchase	\$0.05	\$0.00	\$0.03
	Boat Insurance	\$115.15	\$0.00	\$68.98
	Boat Maintenance	\$326.82	\$0.10	\$195.50
	Boat Registration	\$19.12	\$0.00	\$11.05
	Boat Storage	\$54.89	\$1.70	\$33.42
	Boat Purchase Fees	\$7.10	\$0.00	\$4.12
	New Vehicle Purchase	\$0.55	\$0.00	\$0.33
	Used Vehicle Purchase	\$22.93	\$0.00	\$13.70
	Vehicle Insurance	\$59.45	\$0.00	\$35.16
	Vehicle Maintenance	\$22.80	\$0.00	\$13.53
	Vehicle Registration	\$5.72	\$0.00	\$3.38
	Vehicle Purchase Fees	\$4.97	\$0.00	\$2.97
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$0.00	\$0.00
	Second Home Maintenance	\$0.00	\$0.00	\$0.00
	Second Home Property Taxes	\$0.10	\$0.00	\$0.06
	Second Home Purchase Fees	\$0.39	\$0.00	\$0.24
Real Estate Commissions	\$0.59	\$0.00	\$0.35	
	Total Annual	\$1,492.07	\$160.40	\$954.11

Table VA_4:

Total Expenditures by Mode and Resident Status in Virginia, 2011 (\$1,000s)

Virginia			Resident Status				
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers		
Trip	For-Hire	Auto Fuel	\$347	\$565	\$913		
		Auto Rental	\$0	\$0	\$0		
		Bait	\$18	\$7	\$25		
		Boat Rental	\$0	\$0	\$0		
		Charter Fees	\$1,116	\$625	\$1,740		
		Crew Tips	\$69	\$20	\$89		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$150	\$135	\$284		
		Food from Restaurants	\$42	\$156	\$198		
		Gifts & Souvenirs	\$0	\$50	\$50		
		Ice	\$11	\$3	\$14		
		Lodging	\$79	\$427	\$505		
		Parking & Site Access Fees	\$3	\$1	\$4		
		Public Transportation	\$0	\$11	\$11		
		Tournament Fees	\$0	\$0	\$0		
		For-Hire Trip Total			\$1,834	\$2,000	\$3,834
		Private Boat	Auto Fuel	\$22,694	\$8,370	\$31,064	
	Auto Rental		\$0	\$0	\$0		
	Bait		\$8,664	\$1,812	\$10,476		
	Boat Fuel		\$29,925	\$6,776	\$36,700		
	Boat Rental		\$0	\$0	\$0		
	Charter Fees		\$0	\$0	\$0		
	Fish Processing		\$0	\$0	\$0		
	Food from Grocery Stores		\$9,583	\$2,562	\$12,145		
	Food from Restaurants		\$689	\$2,656	\$3,346		
	Gifts & Souvenirs		\$0	\$0	\$0		
	Ice		\$2,879	\$732	\$3,611		
	Lodging		\$838	\$5,402	\$6,240		
	Parking & Site Access Fees		\$1,257	\$180	\$1,437		
	Public Transportation		\$0	\$0	\$0		
	Tournament Fees		\$0	\$0	\$0		
	Private Boat Trip Total				\$76,529	\$28,490	\$105,019
	Shore		Auto Fuel	\$6,767	\$6,983	\$13,750	
		Auto Rental	\$630	\$0	\$630		
		Bait	\$4,537	\$2,403	\$6,940		
		Boat Rental	\$0	\$0	\$0		
		Fish Processing	\$0	\$0	\$0		
		Food from Grocery Stores	\$2,846	\$2,012	\$4,858		
		Food from Restaurants	\$255	\$2,155	\$2,410		
		Gifts & Souvenirs	\$0	\$1,426	\$1,426		
		Ice	\$772	\$424	\$1,196		
		Lodging	\$120	\$6,733	\$6,853		
		Parking & Site Access Fees	\$2,796	\$1,526	\$4,322		
		Public Transportation	\$0	\$0	\$0		
		Tournament Fees	\$0	\$0	\$0		
Shore Trip Total				\$18,722	\$23,663	\$42,385	
ALL TRIP MODES TOTAL			\$97,085	\$54,153	\$151,238		

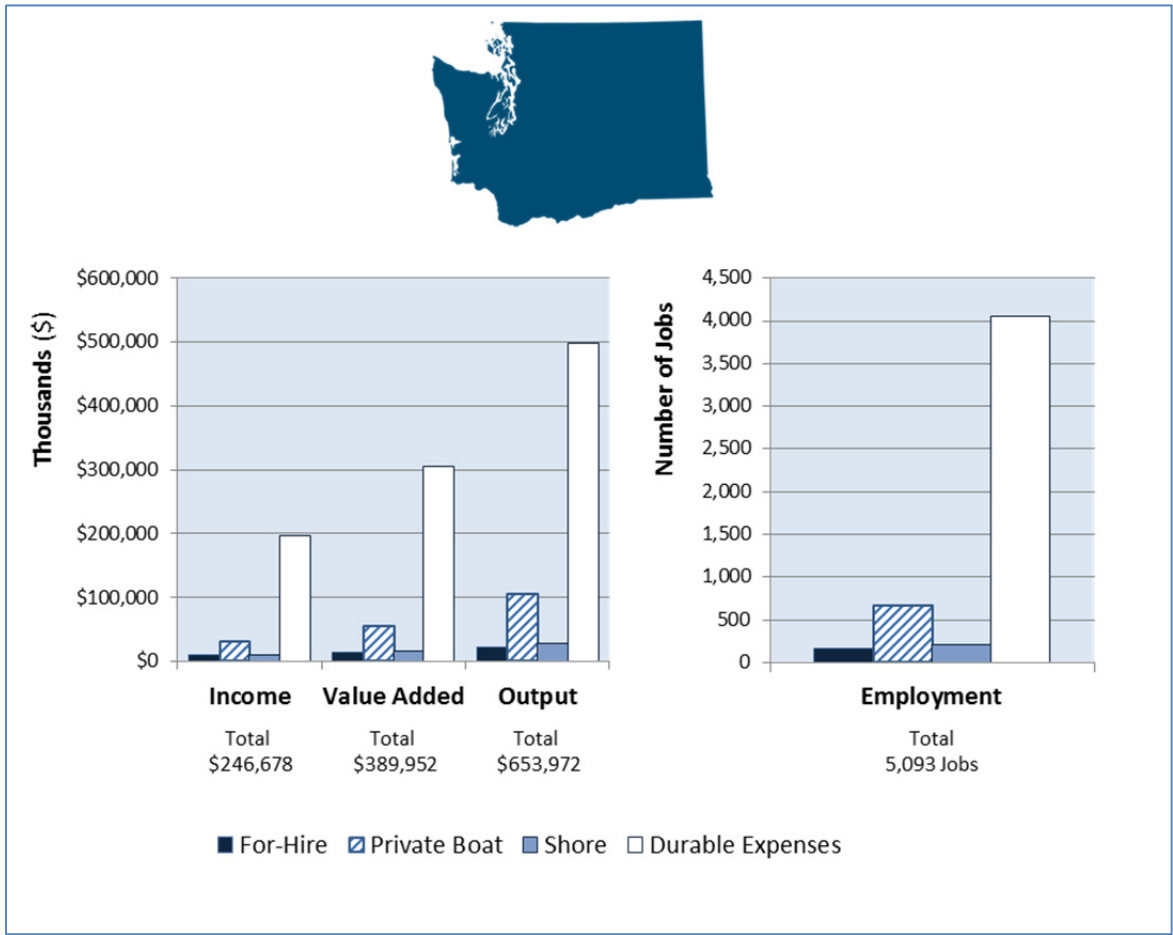
Table VA_4 Cont.:

Total Expenditures by Mode and Resident Status in Virginia, 2011 (\$1,000s)

Virginia		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$122,398	\$18,337	\$140,735
	Rods & Reels	\$102,233	\$3,882	\$106,116
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$102	\$899	\$1,001
	Camping Equipment	\$3,021	\$0	\$3,021
	Clothing	\$29,175	\$242	\$29,417
	Club Dues	\$3,618	\$5,990	\$9,608
	License Fees	\$20,266	\$8,295	\$28,561
	Magazine Subscriptions	\$4,457	\$0	\$4,457
	Taxidermy	\$5	\$0	\$5
	New Boat Purchase	\$93,994	\$10,372	\$104,366
	Used Boat Purchase	\$4,471	\$0	\$4,471
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$29,170	\$18	\$29,188
	Used Accessory Purchase	\$24	\$0	\$24
	Boat Insurance	\$55,842	\$0	\$55,842
	Boat Maintenance	\$158,493	\$30	\$158,523
	Boat Registration	\$9,272	\$0	\$9,272
	Boat Storage	\$26,619	\$515	\$27,134
	Boat Purchase Fees	\$3,443	\$0	\$3,443
	New Vehicle Purchase	\$267	\$0	\$267
	Used Vehicle Purchase	\$11,120	\$0	\$11,120
	Vehicle Insurance	\$28,831	\$0	\$28,831
	Vehicle Maintenance	\$11,057	\$0	\$11,057
	Vehicle Registration	\$2,774	\$0	\$2,774
	Vehicle Purchase Fees	\$2,410	\$0	\$2,410
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$0	\$0
	Second Home Maintenance	\$0	\$0	\$0
	Second Home Property Taxes	\$48	\$0	\$48
	Second Home Purchase Fees	\$189	\$0	\$189
	Real Estate Commissions	\$286	\$0	\$286
Total Annual		\$723,585	\$48,582	\$772,167
TRIP AND DURABLE GRAND TOTAL		\$820,670	\$102,735	\$923,405

Washington

Figure WA_1. Total Economic Impacts Generated in Washington in 2011



Total angler expenditures on marine recreational fishing in Washington were \$460 million in 2011. Trip expenditures were \$111 million and expenditures on durable goods were \$350 million. Marine angling trip expenditures were 24% of total angling expenditures and durable good expenditures were the remaining 76%. For-hire fishing trip expenditures totaled \$13 million, private boat trip expenditures totaled \$77 million, and shore fishing trips totaled \$21 million. Mean trip expenditures by residents on for-hire fishing trips were \$329.44, \$135.90 on private boat trips, and \$45.49 for shore trips. Non-resident mean trip expenditures were \$494.12, \$208.29, and \$71.42 respectively. Residents spent \$106 million on trip expenses; \$11 million on for-hire trips, \$75 million on private boat trips, and \$20 million on shore trips. Non-residents spent \$4.8 million on trip expenses; \$2.1 million on for-hire trips, \$2.1 million on private boat trips, and \$681 thousand on shore trips. Resident spending on durable goods purchased in Washington totaled \$347 million; non-resident spending on durable goods totaled \$2.8 million. Marine recreational fishing in Washington contributed 5.1 thousand jobs to the state's economy, generated \$654 million in output (sales), \$390 million to the state's gross domestic product, and \$247 million in income. Trip expenditures generated approximately 1 thousand jobs and durable expenses generated 4 thousand jobs. Marine angling trip expenditures supported 21% of total employment, and durable expenditures supported the remaining 79%.

Table WA_1. Total Economic Impacts Generated in Washington in 2011

Expense Type	Fishing Mode	Expense (\$1,000's)	Economic Contribution			
			Employment (Jobs)	Income (\$1,000's)	Value Added (\$1,000's)	Output (\$1,000's)
Trip Expenses	For-Hire	\$13,337	167	\$9,738	\$14,655	\$22,366
	Private Boat	\$76,621	676	\$32,323	\$55,316	\$105,692
	Shore	\$20,738	202	\$8,796	\$14,823	\$28,336
	All Modes	\$110,697	1,046	\$50,857	\$84,794	\$156,394
Durable Expenses		\$349,634	4,048	\$195,821	\$305,158	\$497,578
Total Expenses		\$460,330	5,093	\$246,678	\$389,952	\$653,972

Table WA_2. Federal and State Tax Impacts Generated in Washington in 2011

Description	Employee Compensation	Proprietor Income	Indirect Business Tax	Households	Corporations	Total
	(\$1,000's)					
State and Local Tax	\$166	\$0	\$42,231	\$1,307	\$1,795	\$45,499
Federal Tax	\$27,296	\$1,420	\$4,442	\$19,321	\$4,655	\$57,134
Total	\$27,462	\$1,420	\$46,673	\$20,628	\$6,450	\$102,633

Table WA_3:
Mean Expenditures by Mode and Resident Status in Washington, 2011

Washington			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trips	For-Hire	Auto Fuel	\$46.86	\$75.05	\$52.97	
		Auto Rental	\$0.00	\$30.90	\$6.56	
		Bait	\$0.90	\$0.71	\$0.86	
		Boat Rental	\$0.00	\$2.28	\$0.50	
		Charter Fees	\$180.66	\$217.15	\$188.56	
		Crew Tips	\$22.15	\$19.66	\$21.61	
		Fish Processing	\$3.26	\$3.67	\$3.35	
		Food from Grocery Stores	\$22.83	\$19.75	\$22.19	
		Food from Restaurants	\$22.01	\$27.99	\$23.30	
		Gifts & Souvenirs	\$1.74	\$26.40	\$6.99	
		Ice	\$2.35	\$3.02	\$2.50	
		Lodging	\$19.99	\$38.16	\$23.93	
		Parking & Site Access	\$0.00	\$3.83	\$0.84	
		Public Transportation	\$1.56	\$23.02	\$6.21	
		Tournament Fees	\$4.23	\$2.37	\$3.83	
		Trip Total			\$329.44	\$494.12
	Private Boat	Auto Fuel	\$32.80	\$44.54	\$34.58	
		Auto Rental	\$0.02	\$6.23	\$0.96	
		Bait	\$6.62	\$6.83	\$6.66	
		Boat Fuel	\$48.06	\$39.14	\$46.70	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Charter Fees	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$21.87	\$23.61	\$22.14	
		Food from Restaurants	\$6.78	\$22.38	\$9.17	
		Gifts & Souvenirs	\$0.59	\$9.04	\$1.88	
		Ice	\$3.05	\$3.12	\$3.06	
		Lodging	\$7.51	\$25.63	\$10.28	
		Parking & Site Access	\$6.18	\$9.63	\$6.70	
		Public Transportation	\$1.28	\$18.11	\$3.84	
		Tournament Fees	\$1.14	\$0.02	\$0.97	
		Trip Total			\$135.90	\$208.29
	Shore	Auto Fuel	\$17.56	\$22.82	\$18.46	
		Auto Rental	\$0.00	\$1.63	\$0.28	
		Bait	\$4.74	\$3.88	\$4.60	
		Boat Rental	\$0.00	\$0.00	\$0.00	
		Fish Processing	\$0.00	\$0.00	\$0.00	
		Food from Grocery Stores	\$12.58	\$16.88	\$13.30	
		Food from Restaurants	\$4.64	\$5.61	\$4.81	
		Gifts & Souvenirs	\$0.00	\$2.52	\$0.44	
		Ice	\$0.78	\$0.79	\$0.78	
		Lodging	\$2.19	\$10.51	\$3.60	
Parking & Site Access		\$1.70	\$1.00	\$1.58		
Public Transportation		\$1.30	\$5.78	\$2.08		
Tournament Fees		\$0.00	\$0.00	\$0.00		
Trip Total				\$45.49	\$71.42	\$49.91

Table WA_3 Cont.:
Mean Expenditures by Mode and Resident Status in Washington, 2011

Washington		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$152.03	\$45.42	\$134.78
	Rods & Reels	\$113.58	\$39.90	\$101.79
	Spearfishing Gear	\$0.00	\$0.00	\$0.00
	Binoculars	\$1.88	\$0.00	\$1.57
	Camping Equipment	\$17.08	\$0.70	\$14.39
	Clothing	\$43.81	\$7.26	\$38.03
	Club Dues	\$5.95	\$0.00	\$4.97
	License Fees	\$38.64	\$56.45	\$41.48
	Magazine Subscriptions	\$7.54	\$0.42	\$6.42
	Taxidermy	\$1.65	\$0.00	\$1.39
	New Boat Purchase	\$280.16	\$1.41	\$234.68
	Used Boat Purchase	\$18.08	\$0.00	\$15.11
	New Canoe Purchase	\$0.00	\$0.00	\$0.00
	Used Canoe Purchase	\$0.00	\$0.00	\$0.00
	New Accessory Purchase	\$64.79	\$3.31	\$54.75
	Used Accessory Purchase	\$0.00	\$0.00	\$0.00
	Boat Insurance	\$74.70	\$2.71	\$63.02
	Boat Maintenance	\$238.83	\$10.64	\$201.84
	Boat Registration	\$34.87	\$0.80	\$29.35
	Boat Storage	\$118.00	\$18.73	\$101.73
	Boat Purchase Fees	\$11.07	\$0.00	\$9.26
	New Vehicle Purchase	\$0.00	\$0.00	\$0.00
	Used Vehicle Purchase	\$41.79	\$0.00	\$34.99
	Vehicle Insurance	\$40.86	\$4.18	\$34.88
	Vehicle Maintenance	\$13.65	\$0.00	\$11.43
	Vehicle Registration	\$8.14	\$0.50	\$6.91
	Vehicle Purchase Fees	\$8.47	\$0.00	\$7.09
	New Home Purchase	\$0.00	\$0.00	\$0.00
	Second Home Insurance	\$0.00	\$2.40	\$0.39
	Second Home Maintenance	\$0.00	\$0.35	\$0.06
	Second Home Property Taxes	\$0.81	\$0.23	\$0.72
	Second Home Purchase Fees	\$3.13	\$0.88	\$2.77
	Real Estate Commissions	\$0.00	\$1.50	\$0.24
	Total Annual	\$1,339.52	\$197.77	\$1,154.02

Table WA_4:

Total Expenditures by Mode and Resident Status in Washington, 2011 (\$1,000s)

Washington			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$1,604	\$313	\$1,917	
		Auto Rental	\$0	\$129	\$129	
		Bait	\$31	\$3	\$34	
		Boat Rental	\$0	\$9	\$9	
		Charter Fees	\$6,185	\$905	\$7,090	
		Crew Tips	\$758	\$82	\$840	
		Fish Processing	\$112	\$15	\$127	
		Food from Grocery Stores	\$782	\$82	\$864	
		Food from Restaurants	\$754	\$117	\$870	
		Gifts & Souvenirs	\$60	\$110	\$170	
		Ice	\$80	\$13	\$93	
		Lodging	\$684	\$159	\$843	
		Parking & Site Access Fees	\$0	\$16	\$16	
		Public Transportation	\$53	\$96	\$149	
		Tournament Fees	\$145	\$10	\$155	
		For-Hire Trip Total		\$11,279	\$2,058	\$13,337
		Private Boat	Auto Fuel	\$17,986	\$449	\$18,435
	Auto Rental		\$11	\$63	\$74	
	Bait		\$3,630	\$69	\$3,699	
	Boat Fuel		\$26,354	\$394	\$26,749	
	Boat Rental		\$0	\$0	\$0	
	Charter Fees		\$0	\$0	\$0	
	Fish Processing		\$0	\$0	\$0	
	Food from Grocery Stores		\$11,993	\$238	\$12,231	
	Food from Restaurants		\$3,718	\$226	\$3,943	
	Gifts & Souvenirs		\$324	\$91	\$415	
	Ice		\$1,673	\$31	\$1,704	
	Lodging		\$4,118	\$258	\$4,376	
	Parking & Site Access Fees		\$3,389	\$97	\$3,486	
	Public Transportation		\$702	\$182	\$884	
	Tournament Fees		\$625	\$0	\$625	
	Private Boat Trip Total			\$74,523	\$2,099	\$76,621
	Shore		Auto Fuel	\$7,742	\$218	\$7,960
		Auto Rental	\$0	\$16	\$16	
		Bait	\$2,090	\$37	\$2,127	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$5,547	\$161	\$5,708	
		Food from Restaurants	\$2,046	\$54	\$2,099	
		Gifts & Souvenirs	\$0	\$24	\$24	
		Ice	\$344	\$8	\$351	
		Lodging	\$966	\$100	\$1,066	
		Parking & Site Access Fees	\$750	\$10	\$759	
		Public Transportation	\$573	\$55	\$628	
		Tournament Fees	\$0	\$0	\$0	
Shore Trip Total			\$20,057	\$681	\$20,738	
ALL TRIP MODES TOTAL			\$105,859	\$4,838	\$110,696	

Table WA_4 Cont.:

Total Expenditures by Mode and Resident Status in Washington, 2011 (\$1,000s)

Washington		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$39,365	\$641	\$40,007
	Rods & Reels	\$29,409	\$563	\$29,973
	Spearfishing Gear	\$0	\$0	\$0
	Binoculars	\$487	\$0	\$487
	Camping Equipment	\$4,423	\$10	\$4,432
	Clothing	\$11,344	\$103	\$11,446
	Club Dues	\$1,541	\$0	\$1,541
	License Fees	\$10,005	\$797	\$10,802
	Magazine Subscriptions	\$1,952	\$6	\$1,958
	Taxidermy	\$427	\$0	\$427
	New Boat Purchase	\$72,542	\$20	\$72,562
	Used Boat Purchase	\$4,681	\$0	\$4,681
	New Canoe Purchase	\$0	\$0	\$0
	Used Canoe Purchase	\$0	\$0	\$0
	New Accessory Purchase	\$16,776	\$47	\$16,823
	Used Accessory Purchase	\$0	\$0	\$0
	Boat Insurance	\$19,342	\$38	\$19,380
	Boat Maintenance	\$61,840	\$150	\$61,991
	Boat Registration	\$9,029	\$11	\$9,040
	Boat Storage	\$30,554	\$264	\$30,818
	Boat Purchase Fees	\$2,866	\$0	\$2,866
	New Vehicle Purchase	\$0	\$0	\$0
	Used Vehicle Purchase	\$10,821	\$0	\$10,821
	Vehicle Insurance	\$10,580	\$59	\$10,639
	Vehicle Maintenance	\$3,534	\$0	\$3,534
	Vehicle Registration	\$2,108	\$7	\$2,115
	Vehicle Purchase Fees	\$2,193	\$0	\$2,193
	New Home Purchase	\$0	\$0	\$0
	Second Home Insurance	\$0	\$34	\$34
	Second Home Maintenance	\$0	\$5	\$5
	Second Home Property Taxes	\$210	\$3	\$213
	Second Home Purchase Fees	\$810	\$12	\$823
	Real Estate Commissions	\$0	\$21	\$21
		Total Annual	\$346,841	\$2,793
TRIP AND DURABLE GRAND TOTAL		\$452,700	\$7,631	\$460,330

Puerto Rico

Total angler expenditures on marine recreational fishing in Puerto Rico were \$72 million in 2011. Trip expenditures were \$16 million and expenditures on durable goods were \$56 million. Marine angling trip expenditures were 23% of total angling expenditures and durable good expenditures were the remaining 77%. For-hire fishing trip expenditures totaled \$1.5 million, private boat trip expenditures totaled \$11 million, and shore fishing trips totaled \$3.5 million. Mean trip expenditures by residents on for-hire fishing trips were \$104.34, \$64.74 on private boat trips, and \$17.61 for shore trips. Non-resident mean trip expenditures were \$381.55, \$61.51, and \$14.43 respectively. Residents spent \$14 million on trip expenses; \$68 thousand on for-hire trips, \$11 million on private boat trips, and \$3.4 million on shore trips. Non-residents spent \$2 million on trip expenses; \$1.5 million on for-hire trips, \$441 thousand on private boat trips, and \$48 thousand on shore trips. Resident spending on durable goods purchased in Puerto Rico totaled \$56 million; non-resident spending was not estimated due to sample sizes below 3 anglers. Economic impacts for marine recreational expenditures were not able to be estimated due to no currently available input-output model for Puerto Rico.

**Table PR_3:
Mean Expenditures by Mode and Resident Status in Puerto Rico, 2011**

Puerto Rico			Resident Status		
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers
Trips	For-Hire	Auto Fuel	\$11.10	\$10.16	\$10.34
		Auto Rental	\$0.00	\$11.36	\$9.15
		Bait	\$0.00	\$0.00	\$0.00
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$85.14	\$164.57	\$149.84
		Crew Tips	\$0.03	\$6.87	\$5.61
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$4.86	\$7.25	\$6.80
		Food from Restaurants	\$3.21	\$37.35	\$30.85
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$0.00	\$0.00	\$0.00
		Lodging	\$0.00	\$86.38	\$69.85
		Parking & Site Access	\$0.00	\$0.00	\$0.00
		Public Transportation	\$0.00	\$57.60	\$46.58
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$104.34	\$381.55
	Private Boat	Auto Fuel	\$7.18	\$3.86	\$7.08
		Auto Rental	\$0.01	\$0.00	\$0.01
		Bait	\$3.14	\$0.00	\$3.05
		Boat Fuel	\$39.58	\$1.28	\$38.49
		Boat Rental	\$0.00	\$0.00	\$0.00
		Charter Fees	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$11.99	\$4.82	\$11.79
		Food from Restaurants	\$1.53	\$6.36	\$1.67
		Gifts & Souvenirs	\$0.00	\$15.55	\$0.44
		Ice	\$0.91	\$0.14	\$0.89
		Lodging	\$0.41	\$0.00	\$0.40
		Parking & Site Access	\$0.00	\$0.00	\$0.00
		Public Transportation	\$0.00	\$29.49	\$0.83
		Tournament Fees	\$0.00	\$0.00	\$0.00
		Trip Total		\$64.74	\$61.51
	Shore	Auto Fuel	\$6.67	\$5.93	\$6.65
		Auto Rental	\$0.00	\$0.00	\$0.00
		Bait	\$3.69	\$0.71	\$3.64
		Boat Rental	\$0.00	\$0.00	\$0.00
		Fish Processing	\$0.00	\$0.00	\$0.00
		Food from Grocery Stores	\$5.53	\$2.52	\$5.48
		Food from Restaurants	\$1.37	\$0.00	\$1.35
		Gifts & Souvenirs	\$0.00	\$0.00	\$0.00
		Ice	\$0.33	\$0.00	\$0.33
		Lodging	\$0.00	\$0.00	\$0.00
Parking & Site Access		\$0.02	\$0.00	\$0.02	
Public Transportation		\$0.00	\$5.28	\$0.09	
Tournament Fees		\$0.00	\$0.00	\$0.00	
Trip Total			\$17.61	\$14.43	\$17.56

Table PR_3 Cont.:

Mean Expenditures by Mode and Resident Status in Puerto Rico, 2011

Puerto Rico		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$119.89	.	.
	Rods & Reels	\$49.29	.	.
	Spearfishing Gear	\$0.00	.	.
	Binoculars	\$0.09	.	.
	Camping Equipment	\$21.09	.	.
	Clothing	\$2.07	.	.
	Club Dues	\$26.04	.	.
	License Fees	\$17.00	.	.
	Magazine Subscriptions	\$0.14	.	.
	Taxidermy	\$0.00	.	.
	New Boat Purchase	\$1.46	.	.
	Used Boat Purchase	\$0.00	.	.
	New Canoe Purchase	\$0.00	.	.
	Used Canoe Purchase	\$0.00	.	.
	New Accessory Purchase	\$0.33	.	.
	Used Accessory Purchase	\$0.00	.	.
	Boat Insurance	\$28.86	.	.
	Boat Maintenance	\$58.08	.	.
	Boat Registration	\$16.81	.	.
	Boat Storage	\$64.82	.	.
	Boat Purchase Fees	\$2.88	.	.
	New Vehicle Purchase	\$0.00	.	.
	Used Vehicle Purchase	\$180.20	.	.
	Vehicle Insurance	\$17.76	.	.
	Vehicle Maintenance	\$19.78	.	.
	Vehicle Registration	\$25.31	.	.
	Vehicle Purchase Fees	\$47.89	.	.
	New Home Purchase	\$0.00	.	.
	Second Home Insurance	\$0.00	.	.
	Second Home Maintenance	\$0.00	.	.
	Second Home Property Taxes	\$0.00	.	.
	Second Home Purchase Fees	\$0.00	.	.
	Real Estate Commissions	\$0.00	.	.
Total Annual	\$699.79	.	.	

Table PR_4:

Total Expenditures by Mode and Resident Status in Puerto Rico, 2011 (\$1,000s)

Puerto Rico			Resident Status			
Expenditure Type	MODE	Expenditure Category	Resident	Non-Resident	All Anglers	
Trip	For-Hire	Auto Fuel	\$7	\$39	\$46	
		Auto Rental	\$0	\$44	\$44	
		Bait	\$0	\$0	\$0	
		Boat Rental	\$0	\$0	\$0	
		Charter Fees	\$56	\$635	\$691	
		Crew Tips	\$0	\$27	\$27	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$3	\$28	\$31	
		Food from Restaurants	\$2	\$144	\$146	
		Gifts & Souvenirs	\$0	\$0	\$0	
		Ice	\$0	\$0	\$0	
		Lodging	\$0	\$333	\$333	
		Parking & Site Access Fees	\$0	\$0	\$0	
		Public Transportation	\$0	\$222	\$222	
		Tournament Fees	\$0	\$0	\$0	
		For-Hire Trip Total		\$68	\$1,473	\$1,541
		Private Boat	Auto Fuel	\$1,217	\$28	\$1,245
	Auto Rental		\$2	\$0	\$2	
	Bait		\$532	\$0	\$532	
	Boat Fuel		\$6,710	\$9	\$6,719	
	Boat Rental		\$0	\$0	\$0	
	Charter Fees		\$0	\$0	\$0	
	Fish Processing		\$0	\$0	\$0	
	Food from Grocery Stores		\$2,033	\$35	\$2,067	
	Food from Restaurants		\$259	\$46	\$305	
	Gifts & Souvenirs		\$0	\$111	\$111	
	Ice		\$154	\$1	\$155	
	Lodging		\$70	\$0	\$70	
	Parking & Site Access Fees		\$0	\$0	\$0	
	Public Transportation		\$0	\$211	\$211	
	Tournament Fees		\$0	\$0	\$0	
	Private Boat Trip Total			\$10,977	\$441	\$11,418
	Shore		Auto Fuel	\$1,291	\$20	\$1,311
		Auto Rental	\$0	\$0	\$0	
		Bait	\$714	\$2	\$717	
		Boat Rental	\$0	\$0	\$0	
		Fish Processing	\$0	\$0	\$0	
		Food from Grocery Stores	\$1,071	\$8	\$1,079	
		Food from Restaurants	\$265	\$0	\$265	
		Gifts & Souvenirs	\$0	\$0	\$0	
		Ice	\$64	\$0	\$64	
		Lodging	\$0	\$0	\$0	
		Parking & Site Access Fees	\$4	\$0	\$4	
		Public Transportation	\$0	\$18	\$18	
		Tournament Fees	\$0	\$0	\$0	
Shore Trip Total			\$3,409	\$48	\$3,457	
ALL TRIP MODES TOTAL			\$14,454	\$1,962	\$16,416	

Table PR_4 Cont.:

Total Expenditures by Mode and Resident Status in Puerto Rico, 2011 (\$1,000s)

Puerto Rico		Resident Status		
Expenditure Type	Expenditure Category	Resident	Non-Resident	All Anglers
Durable	Tackle	\$9,593	.	.
	Rods & Reels	\$3,944	.	.
	Spearfishing Gear	\$0	.	.
	Binoculars	\$7	.	.
	Camping Equipment	\$1,688	.	.
	Clothing	\$166	.	.
	Club Dues	\$2,084	.	.
	License Fees	\$1,360	.	.
	Magazine Subscriptions	\$11	.	.
	Taxidermy	\$0	.	.
	New Boat Purchase	\$117	.	.
	Used Boat Purchase	\$0	.	.
	New Canoe Purchase	\$0	.	.
	Used Canoe Purchase	\$0	.	.
	New Accessory Purchase	\$26	.	.
	Used Accessory Purchase	\$0	.	.
	Boat Insurance	\$2,309	.	.
	Boat Maintenance	\$4,647	.	.
	Boat Registration	\$1,345	.	.
	Boat Storage	\$5,187	.	.
	Boat Purchase Fees	\$230	.	.
	New Vehicle Purchase	\$0	.	.
	Used Vehicle Purchase	\$14,419	.	.
	Vehicle Insurance	\$1,421	.	.
	Vehicle Maintenance	\$1,583	.	.
	Vehicle Registration	\$2,025	.	.
	Vehicle Purchase Fees	\$3,832	.	.
	New Home Purchase	\$0	.	.
	Second Home Insurance	\$0	.	.
	Second Home Maintenance	\$0	.	.
	Second Home Property Taxes	\$0	.	.
	Second Home Purchase Fees	\$0	.	.
	Real Estate Commissions	\$0	.	.
Total Annual		\$55,994	.	.
TRIP AND DURABLE GRAND TOTAL		\$70,448	\$1,962	\$72,410

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GLOSSARY

Angler

A person catching finfish with no intent to sell, including people releasing the catch. Also known as a recreational fisherman.

Durable Equipment Expenditures or Durable Goods Expenditures

For this report, this term refers to expenses related to equipment used for recreational fishing activities. These expenses include the purchase of: semi-durable goods (tackle, rods, reels, line, etc.), durable goods (motor boats and accessories, non-motorized boats, boating electronics, mooring, boat storage, boat insurance, and vehicles or homes), and angling accessories and multi-purpose items (magazines, club dues, saltwater angling specific clothing and camping gear).

Economic Contribution

Refers to the amount of output generated, the number of jobs supported, and the contribution to gross domestic product by state (also known as value-added impacts) from expenditures related to marine recreational fishing under the status quo in a region. The distinction between economic impacts and economic contributions is that economic impact analysis refers to the difference in the level of economic contributions attributed to an activity, such as recreational fishing, when there is a change in the level of the activity under analysis.

Economic Impact Model

Economic impact models capture how sales in a sector generate economic impacts directly in the sector in which the sale was made and then ripple throughout the state and national economy as each dollar spent generates additional sales by other firms and consumers.

Economic Impacts

Economic impacts of marine recreational fishing activities refer to the amount of output generated, the number of jobs supported, and the contribution to gross domestic product by state (also known as value-added impacts) from expenditures related to marine recreational fishing.

Economic Value

Total net economic value is generally defined as willingness to pay for a good, service, or resource in excess of actual expenditures. Economic value and economic impacts do not measure the same things and should not be considered substitutes for each other. Different economic models are used to calculate economic value versus economic impacts. Economic values are generally used in benefit-cost analyses whereas economic impacts are often used in distributional analyses.

Effort

The number of marine recreational fishing trips taken by marine recreational fishermen (anglers).

Employee Compensation

This is related to Gross Domestic Product (GDP) by state and is an estimate of the sum of employee wages and salaries and supplements to wages and salaries. Wages and salaries are measured on an accrual, or “when earned” basis, which may be different from the measure of wages and salaries measured on a disbursement, or “when paid” basis. Wages and salaries and supplements of Federal military and civilian government employees stationed abroad are excluded from the measure of GDP by state.

Expenditures

The money spent by anglers which is related to their marine recreational fishing activities and described as being one of two types: 1) expenditures related to a specific fishing trip; or 2) durable equipment expenditures.

Fishing Mode

The type of recreational fishing a recreational fisherman (angler) engaged in such as fishing from shore, from a private or rental boat, or from a for-hire boat.

Fishing Trip

For this report, a fishing trip refers to a single day of marine recreational fishing.

For-hire Mode

Refers to fishing trips that took place on a party (also referred to as a headboat) or charter boat.

Gross Domestic Product (GDP) by State

The value added in production by the labor and capital located in a state. GDP for a state is derived as the sum of the GDP originating in all industries in the state.

Non-resident

A non-resident at the state level refers to a recreational fisherman (angler) who did not reside in the state where they fished.

Resident

A resident at the state level refers to an angler who resides in the state where they fished. At the U.S. level, resident anglers refer only to U.S. residents who fished in the state where they live in order to avoid double counting for anglers who fish in both their home state and other states.

Trip Expenditures

The expenses incurred by recreational fishermen (anglers) related to a specific fishing trip, such as expenditures on transportation costs, food and lodging, .boat fuel and oil, ice, and guide fees.

Value-added

The net sales of a firm, defined as gross revenue minus the cost of the goods and services it purchases from other industries in the production of its outputs.

APPENDIX I

DETAILS ON SAMPLING AND ESTIMATION PROCEDURES

SAMPLING PROCEDURES

MRIP Intercept Frame

The APAIS is an ongoing intercept creel survey that is currently conducted by NMFS and its state partners on the East and Gulf Coasts (except Texas), in Hawaii, and in Puerto Rico. For the locations where it is conducted, the APAIS represents a very consistent intercept-based sample frame for marine anglers. The APAIS uses a multi-stage, stratified cluster sampling design that is based on fishing effort at available public access fishing sites within a coastal county. Over 4,200 active sites are included in a master site list for all the states covered by the APAIS. Each year, the sample is allocated across sites in proportion to historical fishing effort at each site. Sites that historically have higher use are sampled at higher rates than those with lower use. The sample is stratified by state, two-month wave, type of day (weekday or weekend) and fishing mode (for-hire boats, private boats, and shore). The primary sampling unit is a specific site-day combination within a state and wave. For the shore mode, secondary sampling units are anglers; for the boat modes, secondary sampling units are boat trips and tertiary units are anglers. For each site-day, interviewers are assigned to a specific site and to a specific mode of fishing. Sampling for private/rental and party/charter modes is conducted after the angler's fishing day has been completed. Sampling for the shore mode may be conducted when at least two-thirds of the fishing for the day has been completed.⁶

In 2011, sample weights that reflect the complex nature of the survey became available with the APAIS data. In previous years, simple random sampling was assumed during estimation procedures that could lead to potentially biased average catch estimates or other estimates based on the data. The newly available weights include information on effort from the CHTS so that summing over the weights will now provide an estimate of total fishing effort by strata (Breidt et al., 2012). In addition to this improvement in the survey, a number of other survey refinements are being instituted starting in 2013 that will improve the sampling design and reduce the potential for bias. For example, previous to 2013 interviewers were allowed to visit two adjacent, alternate sites if a minimum number of interviews could not be obtained at the original site assignment. Alternative sites will no longer be part of the sampling design and instead, sites will be grouped into clusters of 1-3 sites with known probabilities of selection that can be used to calculate survey weights.

License Frame

The states of Texas, California, Oregon, Washington, and Alaska, do not participate in the MRIP, and instead provide NMFS directly with estimates of catch and fishing effort based on surveys conducted by their respective state agencies or regional fisheries commissions. In all license frame states, sampling was conducted on a monthly or wave basis to correspond to the MRIP survey and in an effort to capture seasonality in trip expenditures. Across the license frame states, the target sample was allocated based on both historical effort in previous years, sample sizes from the 2006 NES, and overall survey budget.

In Alaska, the sample frame consisted of licenses valid for use during 2011 and Alaska Permanent Identification Card (PID) holders and was provided by the Alaska Department of Fish and Game on a two-month basis starting in April. Each wave, new license holders were added to the previous wave's sample frame, so that over the course of the year, the sample frame increased. The PID card is a free lifetime license available to Alaska residents age sixty and over. The sample frame was stratified into three groups: PID holders, residents, and non-residents and then allocated proportionally to the number of records in each strata for each wave. Within a stratum, the sample was randomly drawn. Due to low fishing activity in the months of January and February, the first sample for Alaska included all licenses purchased through the

⁶ For more information on the APAIS and other MRIP surveys, please visit <http://www.st.nmfs.noaa.gov/recreational-fisheries/in-depth/our-surveys-counting-catch-and-effort/survey-materials/index>.

end of Wave 2 (April 30). Once, the sample was drawn, a brief telephone screening survey was conducted because Alaska licenses and PID cards are valid for both freshwater and marine. Anglers who had taken a marine fishing trip in the previous 2 months were determined to be eligible.⁷ Due to the high number of license records without phone number information, (72%), a reverse-matching service was used to obtain enough additional phone numbers to obtain the required sample. A maximum of ten attempts were made to contact anglers (ICF Macro, Inc. 2012).

For California, Oregon, and Washington, the sample frame for the NES was assembled in cooperation with these states and the Pacific Marine Fisheries Commission. For these states, CIC Research, Inc. conducted all aspects of the survey data collection for the NES. In California, the NES sample frame was based on the sample frames used for the California Recreational Fisheries Survey (CRFS). Like MRIP, the CRFS is actually a series of surveys. Details of the CRFS methodology are available on the California Department of Fish and Wildlife (CDFG) web site.⁸ Anglers who went fishing in California during 2011 were recruited by one of three methods: 1) as part of the on-going CRFS monthly telephone survey of licensed anglers conducted by the Pacific States Marine Fisheries Commission, 2) through an additional brief telephone NES screening survey of license holders, and 3) as part of the on-going monthly CRFS angler intercept survey (CIC Research, Inc., 2012). For each of the three recruitment methods, anglers were asked if they were willing to participate in a follow up mail survey on their expenditures. If they agreed, then they were asked for both their mailing address and their email address and were included in the NES sample. The sample frame for the CRFS telephone license survey is comprised of all valid license holders for that month. The license types include lifetime, annual and daily (1, 2 and ten day). The sample frame for the brief additional survey, consisted of those anglers who purchased a license in a ZIP code contiguous to the shoreline that was valid during the survey. Based on consultation with CDFG, it was believed that the likelihood of contacting a marine fishing household was significantly higher in those counties. In California, because a fishing license covers both freshwater and marine fishing, anglers who were contacted by phone were only eligible for the NES if they indicated that they had taken a marine fishing trip in the prior month.

The CRFS intercept survey was used to increase the number of anglers recruited from beach/bank and man-made modes. Anglers in these modes are under-represented in telephone license survey, but more importantly, use of the intercept survey enabled recruitment of man-made mode anglers who do not need a license to fish on California's piers, jetties, and other man-made fishing structures. During the summer months, additional for-hire and private boat anglers were also recruited through the intercept survey that was conducted by the CDFG.

Oregon has no on-going telephone or intercept survey of licensed anglers, so all NES participants were recruited through a brief NES telephone screening survey (CIC Research, Inc., 2012). Like California, Oregon has no license valid for fishing only in marine, so the sample was made up of only those anglers who purchased their license in a ZIP code contiguous to the coast. The sample frame consisted of those anglers who purchased a license in these coastal areas that was valid during the survey month. The sample was stratified by resident status. Due to historically low fishing effort in the winter months (January/February and November/December), sampling was conducted only for the months of March through October. Samples for the telephone screening survey were drawn on a monthly basis, and anglers who had stated that they had gone marine fishing in the previous two months were eligible for the NES survey (CIC Research, Inc., 2012).

In Washington, anglers were recruited as part of the on-going bi-monthly survey of licensed anglers conducted by the Pacific States Marine Fisheries Commission and through an additional brief telephone screening survey to identify and recruit anglers who had been fishing in the past two months (CIC Research,

⁷ In Wave 6, the time period for eligibility was increased to the past 6 months due to very low fishing effort after mid-September.

⁸ <http://www.dfg.ca.gov/marine/crfs.asp>

Inc., 2012). The PSMFC telephone survey is a stratified survey based on license type (Kraig, E. 2011). As in California and Oregon, there was an additional brief telephone survey based on a sample frame that consisted of anglers who purchased a valid 2011 license in a ZIP code contiguous to the shoreline during the survey wave. Both marine only and combination fishing licenses were eligible for the additional sample (CIC Research, Inc., 2012). The additional sample was stratified on only on resident status. As in California and Oregon, anglers who had taken a marine fishing trip in the prior two months were eligible for the NES. As with Oregon, sampling occurred for the months of March through October due to low winter fishing effort.

Texas has a number of different types of licenses that are valid for marine fishing. All licenses that were valid for marine fishing in 2011 formed the sample frame. The Texas license frame was supplied by the Texas Department of Parks and Wildlife on a bi-monthly basis. Telephone pre-screening to determine eligibility was considered as in the West Coast and Alaska, but given the size of the sample frame, would have been too costly. Instead, a stratified sample was designed to maximize the chances of reaching eligible anglers by oversampling certain license types while keeping costs within budget. A survey of license holders for License Year (LY) 2010 by Texas Parks and Wildlife Department (TPWD) found that anglers with a resident combination license fished in marine 45 percent of the time, and anglers who hold a resident all-water license fished in marine 41 percent of the time. These percentages, information on license counts for the license year 2010, and the cost per survey sent were used to optimally allocate sample to the different license strata. Lifetime license holders were also included in the sample, and were categorized into different strata, using descriptive information from the TPWD license database (ICF Macro, Inc., 2012). The Texas licenses were categorized into the following five groups (percentages in parentheses indicate the sample proportions within a resident category):

- Resident fishing and hunting combination (39.9%),
- Resident all-water (38.6%),
- Resident marine (21.6%),
- Non-resident all-water (64.1%), and
- Non-resident marine (35.9%).

In Hawaii, it was necessary to augment the sample from the angler intercept survey in order to include for-hire anglers and to ensure adequate sample sizes in all modes. For-hire vessels in Hawaii are required to report catch and effort data as a condition of their commercial permit. To avoid additional survey burden and expense, the intercept survey therefore does not survey anglers in the for-hire mode. Additionally, given the geography of the multiple islands, it is often hard to reach shore anglers through the intercept survey alone. To address these issues, three additional methods were used to obtain survey respondents. A license frame sample was drawn from NMFS's National Marine Angler Registry database for all anglers who registered for 2011 and indicated that they may fish in Hawaii. The sample was stratified into residents and non-residents based on home mailing address and then within a wave; the sample was allocated in proportion to the number of records in each stratum. As with Alaska, the database grew cumulatively over the year (ICF Macro, Inc. 2012). Second, names and contact information for charter customers were obtained from a number of charter captains and charter organizations. Third, anglers were contacted at a sample of tackle shops and asked for their contact information for participation in the NES (ICF Macro, Inc. 2012). Charter effort was based on the number of charter trips reported by licensed commercial charter vessels and an average of 4 passengers per trip was used to calculate number of angler trips. Over 99% of these trips were estimated to be from non-residents (Hospital, 2012). Further details of the survey procedures and sampling frames are available in ICF Macro, Inc. (2012), and CIC Research, Inc. (2012).

Additional Estimation Details

In order to estimate mean trip expenditures per day, total expenditures were either divided by the number of days spent fishing (for all fishing related expenditures) or the number of nights away (e.g, lodging, meals).

In the 2006 NES, anglers were asked how many other people their expenditure included and the total expense was then divided by the number of people. Focus group testing done for the 2011 survey showed that this question often resulted in confusion and it was therefore eliminated in 2011. The calculation of mean angler-trip expenditure should be unaffected however, assuming that anglers who did not personally spend money report a zero expenditure on the survey.

For anglers who left the trip expenditure questions as a whole missing, but otherwise answered questions on either the intercept form or the mail version of the survey, sample weights were adjusted for non-response within their appropriate sampling strata by dividing the base weights by the inverse of the response rate within the same strata. This method assumes that anglers who did not respond had the same expenditure characteristics as those who did respond, within the same survey strata, and that there is random non-response within strata. Similarly, for the estimation of mean durable goods for the intercept based sample, the sample weights were adjusted to account for non-response to the mail portion of the survey.

APPENDIX II

NON-RESPONSE SURVEY

Statistical tests were conducted to examine the potential effects of non-response bias. First, to examine potential differences between non-respondents and respondents, 10% of the mail survey non-respondents were re-contacted by telephone and asked about some of their demographic characteristics and their expenditures on fishing gear, fishing tackle, and fishing rods and reels. Differences between respondents and non-respondents were analyzed using Proc surveyreg in SAS version 9.3. This procedure is able to deal with the stratified sample design and survey weights that were used in this study. The null hypothesis for the tests was no difference in means across the treatment variables. A t-test was used to determine statistical significance.

No significant differences in means were found for the expenditures on rods and reels compared across respondents (\$351) and non-respondents (\$386). Similarly, there were no significant differences in expenditures on other tackle for responders (\$292) versus non-responders (\$331). No significant differences were found for income, education level, or gender. Both groups had an average household income level between \$60,000 to \$79,000 for 2010. For both groups, the average education level was a high school diploma with some additional college work. Both groups were primarily male anglers.

The null hypothesis of no difference in means between respondents and non-respondents was rejected for the variables representing avidity, ethnicity, and hours worked per week. Participants in the mail survey had a higher mean 12-month avidity of 37 days while the non-response telephone survey participants had a mean 12-month avidity of 35 days, however the difference was only significant at the $p=.06$ level. There was slightly more diversity among race in terms of responders than non-responders. However, language barriers may have limited minority participation in the non-response telephone survey since it was conducted only in English. Non-responders reported working 38 hours per week on average versus 31 days for responders, and this difference was statistically significant at the $p=.01$ level.

Although the significance tests showed differences in means for avidity, ethnicity, and hours worked, no additional adjustments (beyond a reallocation of sample weights from the non-responders to the responders as previously described) were made for non-response since the null hypothesis for the expenditure variables tested could not be rejected at the 95% level.