



**NEW YORK ANGLER SURVEY RESULTS AT THE
COUNTY LEVEL FOR CALENDAR YEAR 2017**

REPORT 3 OF 4

**Conducted for the New York State Department of Environmental
Conservation, Division of Fish and Wildlife**

by Responsive Management

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REPORT 3 OF 4

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Responsive Management National Office

Mark Damian Duda, Executive Director
Martin Jones, Senior Research Associate
Tom Beppler, Senior Research Associate
Steven J. Bissell, Ph.D., Qualitative Research Associate
Amanda Center, Research Associate
Andrea Criscione, Senior Research Associate
Patrick Doherty, Research Associate
Gregory L. Hughes, P.E., Research Associate
Caroline Gerken, Survey Center Manager
Alison Lanier, Business Manager

130 Franklin Street
Harrisonburg, VA 22801
540/432-1888
E-mail: mark@responsivemanagement.com
www.responsivemanagement.com

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EXECUTIVE SUMMARY

INTRODUCTION AND METHODOLOGY

To help assess both the biological and human dimensions aspects of managing New York's freshwater fisheries, the New York State Department of Environmental Conservation's (DEC) Bureau of Fisheries (hereinafter referred to as the "Bureau") has contracted surveys of its licensed freshwater anglers approximately every 10 years starting in 1973. This survey was conducted in 2018 and addresses angler effort, expenditures, and attitudes for calendar year 2017 (hereinafter referred to as the "2017 survey").

The 2017 survey was conducted by Responsive Management both online and by mail. The online survey was the primary method for obtaining data, with a mail survey conducted to address any potential biases in the online survey sample. Note that the online survey was a closed survey, meaning only those specifically invited to take it could complete the survey. In addition, a telephone survey of non-responders to the online and mail surveys was conducted to assess any potential biases in the other methods.

The study's results are presented in four reports, with data presented in reports 1 through 3 and the survey and analysis methodology presented in the fourth report. This is Report 3, which presents the results for each county.

The survey questionnaire was developed cooperatively by Responsive Management and the Bureau, based in part on the previous mail surveys that the Bureau had conducted. Two questionnaires were developed for the 2017 survey: a paper copy for mail surveying, and an electronic version for online surveying. Responsive Management conducted pre-tests of the questionnaires to ensure proper wording, flow, and logic.

The Bureau provided a database of individuals who had a valid freshwater fishing license any time during the calendar year 2017. Note that the database was used solely for the survey; all personal identifying information was stripped from any data provided to the Bureau. Upon completion of the surveying effort, Responsive Management has not and will not use the database for any other purposes.

From this database, a sample of anglers was drawn. The sampling and contact plan was to attempt to contact those with a valid email address by email and send mail surveys only to those who did not have a valid email address. Both samples (the online and mail samples) were drawn from the license database so that the various license types were proportional to their actual representation in the database and the angler age structure in the sample matched the age structure of the license database.

The analysis of the data used IBM SPSS and IMPLAN, both of which are described in more detail in the body of this report. The analysis included an examination by county of days fished (both in and out of the region), species fished for, distance traveled, satisfaction, economic impacts, and tax revenues generated.

RESULTS

The top counties for at-location expenditures by licensed anglers are Oswego (\$32.6 million), Jefferson (\$18.4 million), Delaware (\$13.5 million), Warren (\$11.7 million), Niagara (\$11.7 million), and Essex (\$11.4 million).

Within each county, the analysis looked at the amount of spending in that county by county residents, New York State residents of other regions, and out-of-state residents. While generally most spending is done by anglers residing in the same county, the spending by those from outside the county can be considerable, such as the top counties listed above. For instance, in Oswego County, only approximately \$760 thousand is spent by anglers who reside in Oswego County, while \$3.87 million is spent by anglers outside the county but still within that region (Oswego County is in Region 7), \$9.54 million is spent by anglers from outside of the region, and \$18.44 million is spent by out-of-state anglers.

The analysis also looked at the top species in each county (ranked by estimated number of angler days spent fishing for the species). The top species varied by county, but largemouth and smallmouth bass were often among the top species in each county, as were rainbow and brown trout, walleye, and steelhead.

For each county, the mean distance traveled by anglers to fish the waterbodies in that county is presented in the body of the report. This distance can be considerable for some counties; for instance, to fish in Oswego County, anglers traveled a mean distance of 132.5 miles.

Finally, the analysis included a look at the economic contribution of all spending on sportfishing by residents of each county, as well as the tax generated. These results are presented for each county in the body of the report.

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INTRODUCTION AND METHODOLOGY

The management of New York's freshwater fisheries has both a biological aspect and a human dimensions aspect, requiring that the state know what its anglers' preferences and practices are. To this end, the New York State Department of Environmental Conservation's (DEC) Bureau of Fisheries (hereinafter referred to as the "Bureau") has contracted surveys of its licensed freshwater anglers approximately every 10 years starting in 1973. Prior to this latest survey, the survey was most recently conducted by the Human Dimensions Research Unit at Cornell University in 2007-2008 (Connelly and Brown 2009).

Prior surveys were conducted by mail in 1973, 1976-1977, 1988, 1996, and 2007-2008. All of the surveys prior to 2007-2008 were done as a single annual mailing (i.e., the survey asked about a calendar year, with one survey covering the entire year); the survey in 2007-2008 was conducted as a trimester recall survey, with three surveys spaced throughout the year in which respondents answered questions regarding the previous 3- to 5-month period. This was done to test whether this shorter recall time would be more accurate than the single-year survey. The 2007-2008 survey included a single-year survey, conducted by telephone, on a smaller sample to be compared with the trimester recall survey.

The conclusions of that report (Connelly and Brown 2009) were that there were very few statistically significant differences in the trimester recall survey compared to a single-year survey on the test variables. For instance, the report stated: "Estimates of fishing effort derived from the three-phase survey did not differ significantly very often from the 12-month recall survey, and when differences occurred, no consistent pattern could be found." In light of the greater costs associated with a three-phase survey, which were deemed to outweigh the benefits, the Bureau decided to contract a single-year survey in 2018 about angler activity during calendar year 2017 (hereinafter referred to as the "2017 survey").

The 2017 survey was conducted both online and by mail. The online survey was the primary method for obtaining data, with a mail survey being conducted to address any potential bias in the online survey sample. Note that the online survey was a closed survey, meaning only those specifically invited to take it could complete the survey. In addition, a telephone survey of non-responders to the online and mail surveys was conducted to help assess any potential biases in the other methods. The 2017 survey effort, which included online, mail, and telephone surveys, was conducted by Responsive Management. The study's results are presented in four reports, with data presented in reports 1 through 3 and the methods presented in the fourth report. This is Report 3, which shows results for each county. (Report 1 shows effort and expenditures data, Report 2 explores anglers' preferences and attitudes toward fishing and fisheries management, and Report 4 explains the full methodology.)

SURVEYING METHODOLOGY

The overarching purpose of these ongoing surveys is to determine angler preferences, opinions, behaviors, spending, and travel. The study entailed a scientific multi-modal survey of licensed New York freshwater anglers. Specific aspects of the surveying methodology are detailed below. (More detailed information on the survey methodology is presented in the fourth report as part of this project, *New York Angler Survey: Full Description of Methodology, Possible Biases, and Recommendations for Improving Future Surveys, Report 4 of 4.*)

Use of a Multi-Modal Survey

As mentioned previously, the survey combined a closed online survey of licensed anglers (closed means that only those identified and invited to take the survey could take it; a person surfing the Internet could not happen across the survey and take it) with a mail survey of licensed anglers.

Questionnaire Design

The survey questionnaire was developed cooperatively by Responsive Management and the Bureau, based partly on the previous mail surveys that the Bureau had contracted but including some new questions. Two questionnaires were developed for this 2017 survey: a paper copy for mail surveying (shown in the Appendix), and an electronic version for online surveying. Responsive Management conducted pre-tests of the questionnaires to ensure proper wording, flow, and logic in them.

Survey Sampling

The survey goal was to obtain at least 10,250 completed questionnaires with resident and non-resident anglers who had purchased a fishing license valid at any time in 2017, including resident and non-resident 1-day, 7-day, and annual licenses, as well as lifetime, resident senior, and military. The survey sampling plan called for approximately 8,200 questionnaires to be obtained from the closed online survey and approximately 2,050 to be obtained by postal mail. The sampling and contact procedures were to attempt to contact those with a valid email address by email and send mail surveys only to those who did not have a valid email address. Note that the plan was to give the full survey only to those anglers who had fished in 2017, 2016, and/or 2015, but the questionnaires of those who did not fish in any of those years were recorded to establish participation rates in fishing among various categories of license holders.

To start, the Bureau provided a database of individuals who had a freshwater fishing license valid for any time during the calendar year 2017 (this includes holders of any short-term licenses valid at any part of 2017 and annual license purchasers from January 1, 2016, through December 31, 2017—because annual licenses are valid 365 days from the date of purchase, all annual licenses purchased during that time were valid during part of the calendar year 2017). Note that the database was used solely for the survey; all personal identifying information was stripped from any data provided to the Bureau. Upon completion of the surveying effort, Responsive Management has not and will not use the database for any other purposes.

The database was first prepared for the samples to be drawn, one sample for email contact and another sample for postal mail contact. Responsive Management's initial task in preparing the database was to de-duplicate it. This is necessary because some people are in the database more

than once, typically because they have purchased more than one license. Duplicate anglers are taken out so that each data record is a unique individual.

This de-duplicated database was used to establish the age structure of holders of each license type; the database can be thought of as containing two pools: an online pool (license holders with a valid email addresses in the database) and a postal mail pool (those without a valid email address—note that all records included a postal mail address). In the next step, Responsive Management removed invalid email addresses (e.g., “noemail@noemail.com”); these anglers were put into the postal mail pool. Responsive Management then used the online survey vendor’s automated pre-launch check, which identified additional invalid emails—these anglers were also put into the postal mail pool.

From the two pools in this database, an online sample and a postal mail sample of anglers were drawn. Each sample (the online sample and the mail sample) was pulled from the license database so that the various types of licenses were proportional to their actual representation in the database and the age structure within each license type in the sample matched the age structure of each license type in the license database.

Contact Procedures

The email survey was sent on February 28 and March 1 (random halves sent on each date; not two emails to the same person). The Bureau also sent a separate email to assure potential respondents of the legitimacy of the survey; it was sent on March 6, 2018. Email reminders encouraging anglers to take the survey were then sent on March 8, March 22, and April 3, 2018, under the direction of Responsive Management (i.e., not sent by the Bureau).

The mail survey was postmarked on March 15, 2018. A follow-up mailing to 1,025 of those who had not responded (with the paper survey again enclosed) was postmarked on June 8, 2018.

The cutoff after which no new mail or online surveys would be accepted was August 31, 2018.

Response Rates

The response rate is based on the number of completed questionnaires compared to the number of people in the survey of whom a contact was attempted. This calculation does not include invalid sample records that were removed in the development of the final sample, such as duplicate records of people already in the sample (which can happen when the same person is in the database twice because he or she held two licenses) or people who have no valid contact information. Nor does the response rate calculation include records in the sample that are determined to be invalid after the development of the final sample, such as those records for people who are no longer at the address or telephone number provided or who have died—these invalid records are revealed during the administration of the survey.

In the email sample, there were 43,514 contacts attempted that are considered valid email contacts. Responsive Management obtained 9,338 completed online questionnaires, resulting in a response rate of 21.5%.

For the final postal mail sample considered in the response rate, there were 13,410 questionnaires mailed to valid contacts. In the mail portion of the survey, Responsive Management obtained 1,997 completed questionnaires, resulting in a response rate of 14.9%.

ANALYSIS OF THE DATA FROM THE SURVEYS

This section on the data analysis discusses the data format, the weighting procedures, the analysis of economic impacts and taxes generated, the regions used in the analysis, and the confidence intervals.

Data Obtained From Surveys

All of the data were in the online survey vendor's format. The online respondents entered their responses directly during the survey. The mail survey questionnaires were returned to Responsive Management's office, and the responses were entered into the online version of the survey from the mail surveys by Responsive Management staff. Once all the data were obtained/entered, the online data were then imported directly into IBM SPSS Statistics for use in the analyses as well as into IMPLAN for economic analyses.

Data Weighting

The decision was made by the research team, in consultation with the Bureau, to weight all the data to the age, gender, and regional breakdown of the database from which the samples were pulled. The license database included the age, gender, and county of residence, and those data were appended to the survey data for each respondent. (Note that before any survey data were subsequently provided to the Bureau, all personal information that could link a survey respondent to a particular person was removed to ensure that all respondents were completely anonymous.)

Economic Impact and Tax Analyses

The data analyses included an estimation of the economic impact of anglers' activities at the county level, as well as the estimated tax revenues.

To estimate the size of the economic contributions made by anglers throughout New York, this analysis used economic data and software called IMPLAN. The IMPLAN model uses publicly available economic data to calculate several economic multipliers and uses them to estimate and break down the total impact of fishing activity into three separate effects:

1. Direct effects.
2. Indirect effects.
3. Induced effects.

The direct effects result from the home-based and location-specific spending by anglers on each fishing trip. Direct effects represent the money spent by individuals, businesses, and other institutions for the various products used for fishing recreation. The first-round money includes expenditures for items such as fishing tackle, camping equipment, lodging, groceries, and restaurants.

Indirect effects represent subsequent rounds of money spent among local businesses based on the direct effects. Subsequent rounds of money (or indirect effects) include the impact of local industries buying goods and services from other local industries. These purchases are also known as intermediate expenditures.

The last effect, the induced effect, includes all money spent by the employees who receive salaries and benefits from jobs created by angler expenditures and local businesses on purchases such as those from retail clothing stores, restaurants, and other local businesses. Breaking out and examining the two types of secondary effects (indirect and induced effects) helps illustrate the types of economic relationships in a large economy. For example, industries that are more labor-intensive will tend to have larger induced effects and smaller indirect effects. In addition, industries that tend to pay higher wages and salaries will also tend to have larger induced effects. Decomposing the multiplier into its induced and indirect effects can provide a better understanding of the industry under examination and its relationship to the larger economy.

IMPLAN's tax estimates are subject to several limitations. When IMPLAN creates a model of the economy, it creates an average tax profile for the economy using data from the Census of Governments produced by the U.S. Census Bureau. This average profile is enough to keep the economic accounts in balance as economic changes are applied. However, any resulting tax changes reflect an average change inclusive of all economic activities. The only difference across different types of economic change are in the scale of the direct impact and in the value of output per worker of the sectors impacted. This means the overall estimate of tax impact can only be considered approximate.

A second important qualification involves the magnitude of tax impacts. Estimates are calculated for a host of personal, corporate, and indirect business taxes. Included are estimates for property taxes. These taxes will be overestimates of what governmental entities might expect to take in as revenue. The reason is due to the way the U.S. Bureau of Economic Analysis (BEA) values economic activity. At the heart of the economic accounts underlying IMPLAN are the national income and product accounts that serve as benchmarks for the system. BEA calculates Gross Domestic Product to gauge changes in national economic performance. When it calculates the value of economic activity, it attempts to include everything that has economic value. This includes the value of owner-occupied dwellings. BEA calculates an imputed rent for owner occupied dwellings. This is a tangible economic value of real property but not the sort that translates into a state or local government revenue stream. As a result, actual revenue from the taxation of property is mixed with an imputed intangible value.

IMPLAN provides great detail regarding tax impacts, including social insurance tax, tax on production and imports, corporate profits tax, and household income taxes. The results for tax revenue impacts reported here are the sum of all of these components for state and local governments and the federal government.

Regions

Addition analyses were conducted at the DEC administrative regional level, as shown in Figure 1.

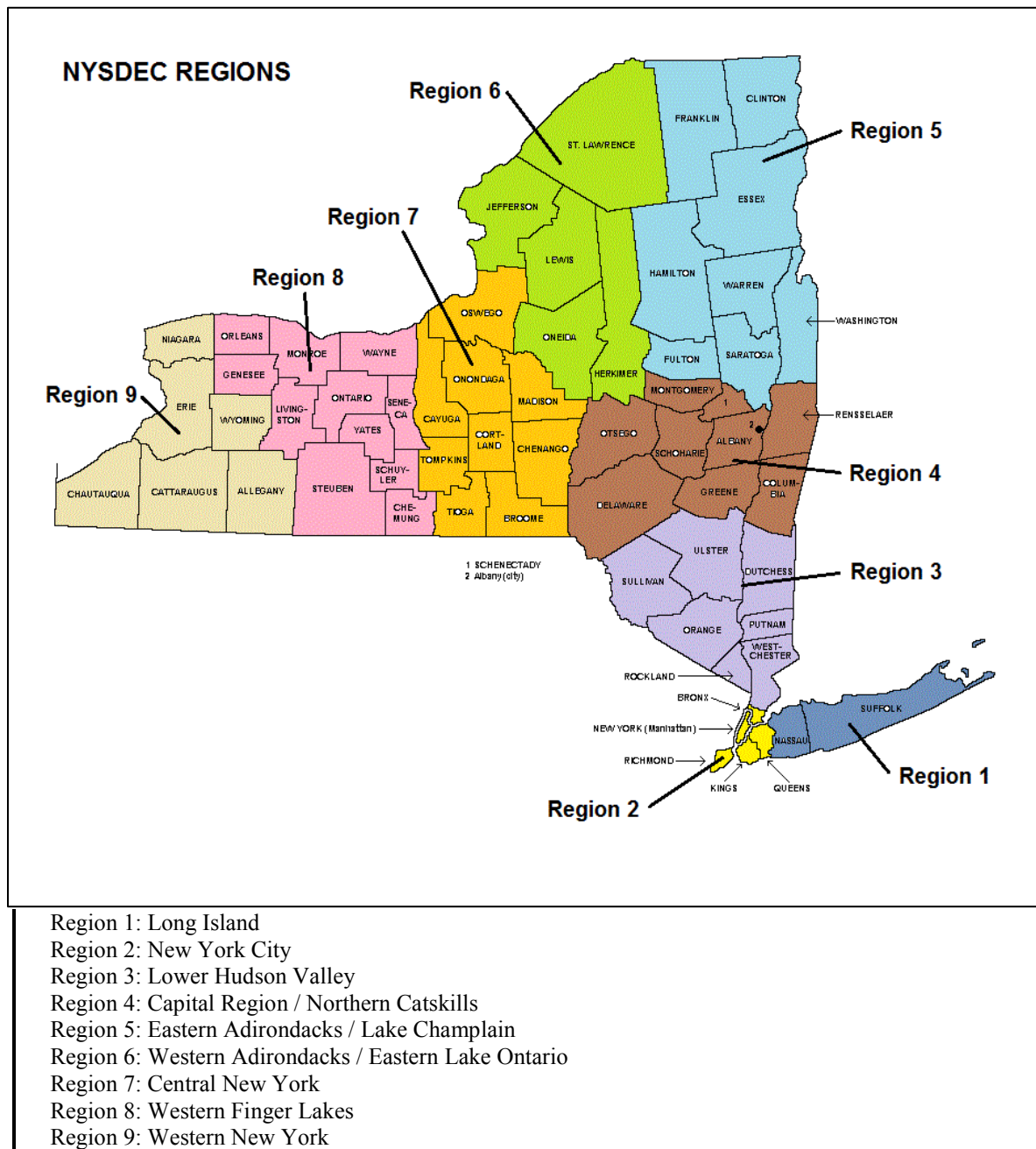


Figure 1. NYSDEC Regions

Confidence Intervals

All confidence intervals in the tables are reported at the 95% confidence level.

RESULTS

Overall, freshwater anglers generated nearly \$252 million in at-location expenditures (e.g., bait, lodging, groceries, restaurants, guide services). An additional \$204 million was expended at home and en route from fishing destinations. Finally, fishing equipment expenditures totaled \$1,814 million. When direct, indirect, and induced economic effects of angler spending are taken into consideration, an estimated \$2,138 million of economic activity was generated and 10,961 jobs were supported in 2017 in New York. A substantial portion of this economic activity was attributable to out-of-state anglers (\$564 million, which is 26% of the total).

The rest of this report is dedicated to county-level data. All the counties were included; however, note that those making up the boroughs of New York City have relatively high confidence intervals. Table 1 (spanning two pages) shows expenditures made by anglers in each county alphabetically arranged for ease of finding a particular county; Table 2 (also two pages) shows the same data ranked from highest to lowest amount of expenditures.

Tables 3 through 312 show county-specific data. For each county, one table shows days and expenditures in each county according to where the angler came from, a second table shows the most popular fish (by days fished for it), a third table shows mean distance traveled and percent satisfied, a fourth table shows estimated economic impacts generated by fishing activity, and a fifth table shows estimated tax revenues generated by fishing activity.

Table 1. Estimated Angler Expenditures in 2017 at Location Fished, by County, Alphabetical		
County	At-Location Expenditures	Confidence Interval (+ or -)
Albany	\$671,820	\$189,371
Allegany	\$766,891	\$140,176
Bronx	\$25,552	\$19,261
Broome	\$1,874,281	\$378,157
Cattaraugus	\$1,630,070	\$214,827
Cayuga	\$3,811,796	\$551,025
Chautauqua	\$9,687,526	\$1,361,816
Chemung	\$262,890	\$145,636
Chenango	\$768,438	\$340,800
Clinton	\$4,690,201	\$992,342
Columbia	\$565,046	\$181,613
Cortland	\$390,289	\$258,138
Delaware	\$13,458,999	\$1,612,362
Dutchess	\$945,238	\$326,013
Erie	\$6,354,573	\$566,240
Essex	\$11,389,188	\$1,222,534
Franklin	\$9,116,423	\$1,437,726
Fulton	\$2,574,176	\$514,182
Genesee	\$155,424	\$59,121
Greene	\$1,128,986	\$478,888
Hamilton	\$6,077,260	\$780,006
Herkimer	\$1,818,121	\$368,978
Jefferson	\$18,412,086	\$1,645,557
Kings	\$24,007	\$12,346
Lewis	\$715,575	\$188,818
Livingston	\$2,073,996	\$518,770

Table 1 (continued). Estimated Angler Expenditures in 2017 at Location Fished, by County, Alphabetical		
County	At-Location Expenditures	Confidence Interval (+ or -)
Madison	\$564,298	\$110,420
Monroe	\$6,609,582	\$948,062
Montgomery	\$254,628	\$123,868
Nassau	\$293,939	\$164,197
New York	\$40,952	\$19,714
Niagara	\$11,669,993	\$1,260,030
Oneida	\$3,749,712	\$448,615
Onondaga	\$3,020,388	\$891,362
Ontario	\$2,122,790	\$299,578
Orange	\$1,610,971	\$286,871
Orleans	\$4,983,613	\$698,634
Oswego	\$32,610,695	\$1,944,224
Otsego	\$1,773,235	\$645,316
Putnam	\$1,233,372	\$286,396
Queens	\$53,758	\$39,461
Rensselaer	\$972,182	\$236,305
Richmond	\$59,375	\$31,096
Rockland	\$747,521	\$466,614
Saratoga	\$3,035,489	\$560,978
Schenectady	\$131,636	\$67,191
Schoharie	\$276,882	\$114,449
Schuyler	\$1,289,860	\$377,260
Seneca	\$1,674,481	\$358,193
St. Lawrence	\$9,316,738	\$1,111,381
Steuben	\$1,262,035	\$291,489
Suffolk	\$1,655,138	\$293,390
Sullivan	\$9,235,347	\$1,292,191
Tioga	\$324,322	\$111,526
Tompkins	\$1,546,972	\$439,469
Ulster	\$3,108,747	\$563,715
Warren	\$11,720,324	\$1,574,646
Washington	\$897,466	\$216,691
Wayne	\$5,684,748	\$799,573
Westchester	\$1,405,246	\$264,448
Wyoming	\$685,621	\$139,577
Yates	\$4,010,017	\$1,074,993

Table 2. Estimated Angler Expenditures in 2017 at Location Fished, by County, Ranked from Highest to Lowest		
County	At-Location Expenditures	Confidence Interval (+ or -)
Oswego	\$32,610,695	\$1,944,224
Jefferson	\$18,412,086	\$1,645,557
Delaware	\$13,458,999	\$1,612,362
Warren	\$11,720,324	\$1,574,646
Niagara	\$11,669,993	\$1,260,030
Essex	\$11,389,188	\$1,222,534
Chautauqua	\$9,687,526	\$1,361,816
St. Lawrence	\$9,316,738	\$1,111,381
Sullivan	\$9,235,347	\$1,292,191
Franklin	\$9,116,423	\$1,437,726
Monroe	\$6,609,582	\$948,062
Erie	\$6,354,573	\$566,240
Hamilton	\$6,077,260	\$780,006
Wayne	\$5,684,748	\$799,573
Orleans	\$4,983,613	\$698,634
Clinton	\$4,690,201	\$992,342
Yates	\$4,010,017	\$1,074,993
Cayuga	\$3,811,796	\$551,025
Oneida	\$3,749,712	\$448,615
Ulster	\$3,108,747	\$563,715
Saratoga	\$3,035,489	\$560,978
Onondaga	\$3,020,388	\$891,362
Fulton	\$2,574,176	\$514,182
Ontario	\$2,122,790	\$299,578
Livingston	\$2,073,996	\$518,770
Broome	\$1,874,281	\$378,157
Herkimer	\$1,818,121	\$368,978
Otsego	\$1,773,235	\$645,316
Seneca	\$1,674,481	\$358,193
Suffolk	\$1,655,138	\$293,390
Cattaraugus	\$1,630,070	\$214,827
Orange	\$1,610,971	\$286,871
Tompkins	\$1,546,972	\$439,469
Westchester	\$1,405,246	\$264,448
Schuyler	\$1,289,860	\$377,260
Steuben	\$1,262,035	\$291,489
Putnam	\$1,233,372	\$286,396
Greene	\$1,128,986	\$478,888

Table 2 (continued). Estimated Angler Expenditures in 2017 at Location Fished, by County, Ranked from Highest to Lowest		
County	At-Location Expenditures	Confidence Interval (+ or -)
Rensselaer	\$972,182	\$236,305
Dutchess	\$945,238	\$326,013
Washington	\$897,466	\$216,691
Chenango	\$768,438	\$340,800
Allegany	\$766,891	\$140,176
Rockland	\$747,521	\$466,614
Lewis	\$715,575	\$188,818
Wyoming	\$685,621	\$139,577
Albany	\$671,820	\$189,371
Columbia	\$565,046	\$181,613
Madison	\$564,298	\$110,420
Cortland	\$390,289	\$258,138
Tioga	\$324,322	\$111,526
Nassau	\$293,939	\$164,197
Schoharie	\$276,882	\$114,449
Chemung	\$262,890	\$145,636
Montgomery	\$254,628	\$123,868
Genesee	\$155,424	\$59,121
Schenectady	\$131,636	\$67,191
Richmond	\$59,375	\$31,096
Queens	\$53,758	\$39,461
New York	\$40,952	\$19,714
Bronx	\$25,552	\$19,261
Kings	\$24,007	\$12,346

Table 3. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Albany County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	121,504	20,596	\$284,197	\$142,638
Outside County but Within Region 4: Capital Region / Northern Catskills	22,990	*	\$78,598	*
In-Region Total	144,494	19,644	\$362,795	\$146,702
Region 1: Long Island	1,648	2,164	\$344	\$570
Region 2: New York City	5,469	4,887	\$35,983	\$36,312
Region 3: Lower Hudson Valley	471	444	\$7,853	\$10,551
Region 5: Eastern Adirondacks / Lake Champlain	15,573	3,673	\$133,311	\$101,102
Region 6: Western Adirondacks / Eastern Lake Ontario	348	218	\$49,832	\$32,040
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	23,509	**	\$227,323	**
Out of state	5,169	2,067	\$81,605	\$40,917
Total	173,208	23,135	\$671,820	\$189,371

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 4. Species Fished for and Percent of Days in Albany County

Fished primarily for	Percent of Days
Largemouth bass	30
Striped bass (freshwater only)	15
Smallmouth bass	10
Rainbow trout	7
No preference	7
Sunfish	6
Channel catfish	4
Yellow perch	4
Pickrel	4
Brown trout	3
Bullhead	3
Brook trout	2
Crappie / calico bass	2
Carp	2

Shows only those species at 2% or higher.

Table 5. Mean Distance Traveled and Percent Satisfied in Albany County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	19.4
Percent of anglers fishing in the county who are satisfied	42

Table 6. Albany County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$5,662,147	\$2,945,172	\$381,574	\$8,988,893
Value Added	\$2,924,632	\$1,454,430	\$174,637	\$4,553,699
Labor Income	\$1,906,719	\$944,439	\$112,052	\$2,963,210
Employment (Jobs)	29	17	2	49
Indirect Effects				
Output	\$1,397,068	\$776,570	\$103,622	\$2,277,260
Value Added	\$854,749	\$472,689	\$62,905	\$1,390,343
Labor Income	\$528,244	\$292,570	\$38,756	\$859,570
Employment (Jobs)	8	4	1	13
Induced Effects				
Output	\$1,176,479	\$577,115	\$68,999	\$1,822,593
Value Added	\$738,700	\$362,303	\$43,312	\$1,144,316
Labor Income	\$412,977	\$202,563	\$24,217	\$639,757
Employment (Jobs)	8	4	0	12
Total Effects				
Output	\$8,235,695	\$4,298,857	\$554,194	\$13,088,746
Value Added	\$4,518,082	\$2,289,422	\$280,855	\$7,088,358
Labor Income	\$2,847,940	\$1,439,572	\$175,025	\$4,462,537
Employment (Jobs)	45	26	3	74

Table 7. Tax Revenue Generated in Albany County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$863,102	\$557,067	\$1,420,169
State Resident (Non-County) Anglers	\$416,427	\$280,722	\$697,149
Out-of-State Anglers	\$54,288	\$34,260	\$88,548
All Anglers	\$1,333,817	\$872,049	\$2,205,866

Table 8. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Allegany County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	55,151	15,885	\$28,209	\$10,719
Outside County but Within Region 9: Western New York	81,073	*	\$475,718	*
In-Region Total	136,224	18,849	\$503,927	\$118,591
Region 1: Long Island	0	NA	\$0	NA
Region 2: New York City	85	135	\$846	\$1,265
Region 3: Lower Hudson Valley	0	NA	\$0	NA
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	2,782	1,178	\$27,821	\$13,415
Region 8: Western Finger Lakes	9,325	2,805	\$119,002	\$54,016
Total of Other Regions	12,192	**	\$147,669	**
Out of state	5,444	2,328	\$115,246	\$49,996
Total	153,862	19,894	\$766,891	\$140,176

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 9. Species Fished for and Percent of Days in Allegany County

Fished primarily for	Percent of Days
Brown trout	35
Largemouth bass	15
No preference	13
Smallmouth bass	11
Walleye	8
Rainbow trout	5
Crappie / calico bass	3
Yellow perch	3
Sunfish	2
Brook trout	2

Shows only those species at 2% or higher.

Table 10. Mean Distance Traveled and Percent Satisfied in Allegany County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	51.2
Percent of anglers fishing in the county who are satisfied	61

Table 11. Allegany County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$905,013	\$3,737,541	\$772,047	\$5,414,601
Value Added	\$383,291	\$1,482,645	\$307,255	\$2,173,192
Labor Income	\$192,699	\$626,057	\$142,731	\$961,487
Employment (Jobs)	7	24	6	37
Indirect Effects				
Output	\$132,322	\$441,709	\$88,086	\$662,117
Value Added	\$56,842	\$205,457	\$40,779	\$303,078
Labor Income	\$35,828	\$135,040	\$26,444	\$197,312
Employment (Jobs)	1	4	1	7
Induced Effects				
Output	\$69,691	\$236,070	\$51,985	\$357,746
Value Added	\$39,479	\$133,752	\$29,451	\$202,682
Labor Income	\$17,919	\$60,693	\$13,366	\$91,978
Employment (Jobs)	1	2	0	3
Total Effects				
Output	\$1,107,027	\$4,415,320	\$912,118	\$6,434,464
Value Added	\$479,612	\$1,821,854	\$377,485	\$2,678,952
Labor Income	\$246,446	\$821,790	\$182,541	\$1,250,777
Employment (Jobs)	9	31	7	47

Table 12. Tax Revenue Generated in Allegany County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$163,999	\$56,917	\$220,916
State Resident (Non-County) Anglers	\$746,228	\$197,921	\$944,149
Out-of-State Anglers	\$145,328	\$42,971	\$188,299
All Anglers	\$1,055,555	\$297,809	\$1,353,365

Table 13. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Bronx County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	10,867	5,766	\$24,742	\$19,231
Outside County but Within Region 2: New York City	2,095	*	\$810	*
In-Region Total	12,962	6,560	\$25,552	\$19,261
Region 1: Long Island	0	NA	\$0	NA
Region 3: Lower Hudson Valley	494	673	\$0	NA
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	494	673	\$0	NA
Out of state	0	NA	\$0	NA
Total	13,456	6,203	\$25,552	\$19,261

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 14. Species Fished for and Percent of Days in Bronx County	
Fished primarily for	Percent of Days
Largemouth bass	54
No preference	35
Striped bass (freshwater only)	8
Smallmouth bass	3

Shows only those species at 2% or higher.

Table 15. Mean Distance Traveled and Percent Satisfied in Bronx County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	3.0
Percent of anglers fishing in the county who are satisfied	30

Table 16. Bronx County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	All Anglers
Direct Effects			
Output	\$96,792	\$61,373	\$158,165
Value Added	\$37,531	\$29,864	\$67,395
Labor Income	\$20,520	\$18,962	\$39,482
Employment (Jobs)	1	1	1
Indirect Effects			
Output	\$22,462	\$15,609	\$38,072
Value Added	\$12,822	\$8,897	\$21,719
Labor Income	\$7,041	\$4,726	\$11,767
Employment (Jobs)	0	0	0
Induced Effects			
Output	\$8,228	\$6,985	\$15,213
Value Added	\$5,110	\$4,338	\$9,448
Labor Income	\$2,657	\$2,256	\$4,913
Employment (Jobs)	0	0	0
Total Effects			
Output	\$127,482	\$83,968	\$211,450
Value Added	\$55,463	\$43,099	\$98,562
Labor Income	\$30,218	\$25,944	\$56,162
Employment (Jobs)	1	1	2

Table 17. Tax Revenue Generated in Bronx County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$15,261	\$6,472	\$21,734
State Resident (Non-County) Anglers	\$11,197	\$5,340	\$16,538
All Anglers	\$26,459	\$11,813	\$38,272

Table 18. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Broome County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	196,324	24,329	\$294,544	\$72,004
Outside County but Within Region 7: Central New York	62,317	*	\$306,824	*
In-Region Total	258,641	24,946	\$601,368	\$156,812
Region 1: Long Island	3,936	2,102	\$95,810	\$60,445
Region 2: New York City	9,635	4,036	\$126,394	\$62,862
Region 3: Lower Hudson Valley	4,106	2,328	\$139,556	\$122,676
Region 4: Capital Region / Northern Catskills	25,184	16,808	\$74,322	\$76,002
Region 5: Eastern Adirondacks / Lake Champlain	296	216	\$7,406	\$5,915
Region 6: Western Adirondacks / Eastern Lake Ontario	425	380	\$3,186	\$3,005
Region 8: Western Finger Lakes	2,739	1,366	\$225,579	\$177,665
Region 9: Western New York	2,515	2,322	\$0	NA
Total of Other Regions	48,836	**	\$672,253	**
Out of state	33,713	8,991	\$600,663	\$241,850
Total	341,309	34,306	\$1,874,281	\$378,157

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 19. Species Fished for and Percent of Days in Broome County

Fished primarily for	Percent of Days
Smallmouth bass	23
Walleye	21
Largemouth bass	16
Brown trout	14
No preference	9
Crappie / calico bass	4
Muskie	3
Rainbow trout	2
Northern pike	2
Brook trout	2

Shows only those species at 2% or higher.

Table 20. Mean Distance Traveled and Percent Satisfied in Broome County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	38.9
Percent of anglers fishing in the county who are satisfied	53

Table 21. Broome County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$5,498,858	\$4,019,509	\$2,141,230	\$11,659,597
Value Added	\$5,095,798	\$2,376,968	\$1,038,830	\$8,511,596
Labor Income	\$1,268,703	\$706,254	\$502,204	\$2,477,160
Employment (Jobs)	33	17	17	66
Indirect Effects				
Output	\$3,566,264	\$1,632,455	\$568,500	\$5,767,219
Value Added	\$1,920,722	\$874,360	\$302,235	\$3,097,317
Labor Income	\$1,187,408	\$533,782	\$178,619	\$1,899,809
Employment (Jobs)	27	12	4	42
Induced Effects				
Output	\$1,537,887	\$778,558	\$429,878	\$2,746,323
Value Added	\$894,165	\$452,686	\$249,965	\$1,596,816
Labor Income	\$469,329	\$237,592	\$131,177	\$838,098
Employment (Jobs)	11	6	3	20
Total Effects				
Output	\$10,603,009	\$6,430,522	\$3,139,608	\$20,173,138
Value Added	\$7,910,684	\$3,704,014	\$1,591,031	\$13,205,729
Labor Income	\$2,925,440	\$1,477,627	\$812,000	\$5,215,066
Employment (Jobs)	71	34	24	129

Table 22. Tax Revenue Generated in Broome County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$3,842,265	\$840,223	\$4,682,488
State Resident (Non-County) Anglers	\$1,626,085	\$407,302	\$2,033,387
Out-of-State Anglers	\$477,833	\$198,622	\$676,455
All Anglers	\$5,946,182	\$1,446,148	\$7,392,331

Table 23. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Cattaraugus County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	109,892	19,467	\$336,708	\$111,063
Outside County but Within Region 9: Western New York	147,646	*	\$1,015,527	*
In-Region Total	257,538	24,488	\$1,352,235	\$202,521
Region 1: Long Island	0	NA	\$0	NA
Region 2: New York City	2,879	2,655	\$29,450	\$25,025
Region 3: Lower Hudson Valley	0	NA	\$0	NA
Region 4: Capital Region / Northern Catskills	459	301	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	2,103	1,239	\$30,049	\$29,186
Region 7: Central New York	665	359	\$6,613	\$7,905
Region 8: Western Finger Lakes	6,858	2,234	\$46,827	\$20,529
Total of Other Regions	12,964	**	\$112,939	**
Out of state	15,803	4,130	\$164,749	\$56,645
Total	286,328	26,126	\$1,630,070	\$214,827

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 24. Species Fished for and Percent of Days in Cattaraugus County	
Fished primarily for	Percent of Days
Largemouth bass	18
Brown trout	12
Steelhead	12
Rainbow trout	10
Walleye	10
No preference	9
Brook trout	7
Smallmouth bass	5
Sunfish	5
Northern pike	4
Muskie	2

Shows only those species at 2% or higher.

Table 25. Mean Distance Traveled and Percent Satisfied in Cattaraugus County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	48.1
Percent of anglers fishing in the county who are satisfied	49

Table 26. Cattaraugus County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,384,311	\$8,753,715	\$1,486,140	\$13,624,166
Value Added	\$1,654,876	\$3,932,813	\$672,977	\$6,260,666
Labor Income	\$955,652	\$1,963,322	\$347,260	\$3,266,234
Employment (Jobs)	26	56	10	92
Indirect Effects				
Output	\$463,069	\$1,160,408	\$201,902	\$1,825,379
Value Added	\$230,116	\$581,852	\$100,959	\$912,927
Labor Income	\$150,428	\$383,472	\$66,672	\$600,572
Employment (Jobs)	3	8	1	13
Induced Effects				
Output	\$409,017	\$868,679	\$153,585	\$1,431,280
Value Added	\$232,444	\$493,674	\$87,284	\$813,403
Labor Income	\$119,715	\$254,250	\$44,951	\$418,916
Employment (Jobs)	3	7	1	12
Total Effects				
Output	\$4,256,396	\$10,782,802	\$1,841,627	\$16,880,825
Value Added	\$2,117,437	\$5,008,338	\$861,220	\$7,986,995
Labor Income	\$1,225,795	\$2,601,044	\$458,883	\$4,285,722
Employment (Jobs)	32	72	13	117

Table 27. Tax Revenue Generated in Cattaraugus County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$561,339	\$286,478	\$847,818
State Resident (Non-County) Anglers	\$1,601,089	\$645,093	\$2,246,182
Out-of-State Anglers	\$267,659	\$112,241	\$379,900
All Anglers	\$2,430,087	\$1,043,812	\$3,473,899

Table 28. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Cayuga County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	96,504	15,572	\$360,309	\$93,759
Outside County but Within Region 7: Central New York	132,822	*	\$953,061	*
In-Region Total	229,326	27,111	\$1,313,370	\$267,608
Region 1: Long Island	260	452	\$35,686	\$60,904
Region 2: New York City	2,874	1,873	\$10,805	\$14,290
Region 3: Lower Hudson Valley	1,134	737	\$108,106	\$93,547
Region 4: Capital Region / Northern Catskills	991	568	\$23,711	\$23,700
Region 5: Eastern Adirondacks / Lake Champlain	2,445	2,388	\$35,346	\$40,625
Region 6: Western Adirondacks / Eastern Lake Ontario	1,113	471	\$56,540	\$28,049
Region 8: Western Finger Lakes	113,342	35,363	\$246,315	\$69,145
Region 9: Western New York	3,371	1,587	\$46,590	\$33,992
Total of Other Regions	125,530	**	\$563,099	**
Out of state	31,544	8,328	\$1,934,684	\$459,123
Total	386,444	47,226	\$3,811,796	\$551,025

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 29. Species Fished for and Percent of Days in Cayuga County

Fished primarily for	Percent of Days
Largemouth bass	34
Yellow perch	13
Smallmouth bass	13
No preference	8
Lake trout	5
Brown trout	5
Rainbow trout	3
Sunfish	3
Bullhead	3
Walleye	2
Crappie / calico bass	2
Northern pike	2
Tiger muskellunge	2
Coho / Chinook salmon	2

Shows only those species at 2% or higher.

Table 30. Mean Distance Traveled and Percent Satisfied in Cayuga County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	60.7
Percent of anglers fishing in the county who are satisfied	55

Table 31. Cayuga County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,506,289	\$18,055,705	\$11,570,194	\$33,132,189
Value Added	\$993,960	\$6,048,677	\$3,655,659	\$10,698,296
Labor Income	\$461,288	\$2,883,291	\$1,734,073	\$5,078,652
Employment (Jobs)	17	92	53	162
Indirect Effects				
Output	\$437,722	\$2,239,451	\$1,374,330	\$4,051,503
Value Added	\$224,099	\$1,148,517	\$700,915	\$2,073,531
Labor Income	\$138,168	\$717,711	\$439,140	\$1,295,019
Employment (Jobs)	3	18	11	32
Induced Effects				
Output	\$201,870	\$1,204,668	\$729,737	\$2,136,275
Value Added	\$120,802	\$720,861	\$436,678	\$1,278,341
Labor Income	\$59,870	\$357,317	\$216,434	\$633,621
Employment (Jobs)	2	10	6	17
Total Effects				
Output	\$4,145,881	\$21,499,825	\$13,674,261	\$39,319,966
Value Added	\$1,338,861	\$7,918,056	\$4,793,251	\$14,050,168
Labor Income	\$659,325	\$3,958,319	\$2,389,647	\$7,007,291
Employment (Jobs)	22	120	70	211

Table 32. Tax Revenue Generated in Cayuga County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$429,818	\$154,404	\$584,222
State Resident (Non-County) Anglers	\$2,659,872	\$923,874	\$3,583,746
Out-of-State Anglers	\$1,576,329	\$557,531	\$2,133,860
All Anglers	\$4,666,019	\$1,635,808	\$6,301,827

Table 33. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Chautauqua County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	235,910	28,903	\$1,344,709	\$391,071
Outside County but Within Region 9: Western New York	207,758	*	\$3,300,501	*
In-Region Total	443,668	34,294	\$4,645,210	\$699,715
Region 1: Long Island	267	325	\$46,592	\$55,965
Region 2: New York City	1,359	823	\$108,125	\$109,225
Region 3: Lower Hudson Valley	891	654	\$84,075	\$66,309
Region 4: Capital Region / Northern Catskills	3,563	1,675	\$10,805	\$11,521
Region 5: Eastern Adirondacks / Lake Champlain	1,518	749	\$80,396	\$50,700
Region 6: Western Adirondacks / Eastern Lake Ontario	0	0	\$0	NA
Region 7: Central New York	1,382	828	\$52,807	\$49,868
Region 8: Western Finger Lakes	9,895	3,251	\$312,981	\$93,654
Total of Other Regions	18,875	**	\$695,781	**
Out of state	90,606	13,925	\$4,321,824	\$1,152,858
Total	553,488	38,814	\$9,687,526	\$1,361,816

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 34. Species Fished for and Percent of Days in Chautauqua County	
Fished primarily for	Percent of Days
Walleye	30
No preference	11
Steelhead	11
Largemouth bass	9
Smallmouth bass	8
Muskie	8
Yellow perch	7
Crappie / calico bass	5
Sunfish	4
Brown trout	2

Shows only those species at 2% or higher.

Table 35. Mean Distance Traveled and Percent Satisfied in Chautauqua County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	80.2
Percent of anglers fishing in the county who are satisfied	57

Table 36. Chautauqua County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$16,944,764	\$30,190,079	\$37,373,858	\$84,508,700
Value Added	\$8,432,826	\$13,072,130	\$16,912,631	\$38,417,586
Labor Income	\$4,811,634	\$6,167,123	\$4,784,175	\$15,762,932
Employment (Jobs)	112	157	124	393
Indirect Effects				
Output	\$2,540,711	\$4,714,118	\$7,050,275	\$14,305,104
Value Added	\$1,296,057	\$2,435,472	\$3,617,887	\$7,349,416
Labor Income	\$796,247	\$1,488,037	\$2,256,791	\$4,541,076
Employment (Jobs)	22	39	60	121
Induced Effects				
Output	\$2,680,195	\$3,679,239	\$3,371,438	\$9,730,872
Value Added	\$1,532,784	\$2,104,345	\$1,928,167	\$5,565,296
Labor Income	\$787,650	\$1,081,231	\$990,786	\$2,859,667
Employment (Jobs)	23	31	28	82
Total Effects				
Output	\$22,165,670	\$38,583,436	\$47,795,570	\$108,544,676
Value Added	\$11,261,668	\$17,611,946	\$22,458,684	\$51,332,298
Labor Income	\$6,395,531	\$8,736,392	\$8,031,752	\$23,163,674
Employment (Jobs)	157	227	212	595

Table 37. Tax Revenue Generated in Chautauqua County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$3,530,223	\$1,538,790	\$5,069,013
State Resident (Non-County) Anglers	\$6,129,441	\$2,206,543	\$8,335,984
Out-of-State Anglers	\$11,956,608	\$2,378,851	\$14,335,460
All Anglers	\$21,616,272	\$6,124,184	\$27,740,456

Table 38. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Chemung County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	78,311	18,617	\$123,038	\$39,781
Outside County but Within Region 8: Western Finger Lakes	4,823	*	\$129,529	*
In-Region Total	83,134	18,476	\$252,567	\$145,480
Region 1: Long Island	69	116	\$3,440	\$5,701
Region 2: New York City	372	447	\$0	NA
Region 3: Lower Hudson Valley	1,202	1,287	\$0	NA
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	1,845	988	\$3,717	\$2,963
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	3,488	**	\$7,157	**
Out of state	2,312	1,289	\$3,166	\$2,111
Total	88,934	19,084	\$262,890	\$145,636

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 39. Species Fished for and Percent of Days in Chemung County	
Fished primarily for	Percent of Days
Walleye	39
Smallmouth bass	17
Brown trout	14
No preference	9
Largemouth bass	8
Rainbow trout	5
Brook trout	2
Bullhead	2
Lake trout	2

Shows only those species at 2% or higher.

Table 40. Mean Distance Traveled and Percent Satisfied in Chemung County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	16.3
Percent of anglers fishing in the county who are satisfied	51

Table 41. Chemung County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$1,989,043	\$258,267	\$99,582	\$2,346,892
Value Added	\$718,914	\$81,471	\$39,392	\$839,777
Labor Income	\$438,983	\$32,084	\$21,520	\$492,586
Employment (Jobs)	13	1	1	15
Indirect Effects				
Output	\$393,213	\$57,096	\$20,644	\$470,953
Value Added	\$221,912	\$32,827	\$11,650	\$266,390
Labor Income	\$131,391	\$20,449	\$6,962	\$158,802
Employment (Jobs)	2	0	0	3
Induced Effects				
Output	\$280,416	\$26,441	\$14,118	\$320,975
Value Added	\$165,171	\$15,577	\$8,316	\$189,064
Labor Income	\$83,772	\$7,897	\$4,217	\$95,887
Employment (Jobs)	2	0	0	2
Total Effects				
Output	\$2,662,672	\$341,804	\$134,344	\$3,138,819
Value Added	\$1,105,997	\$129,876	\$59,358	\$1,295,231
Labor Income	\$654,146	\$60,430	\$32,700	\$747,276
Employment (Jobs)	17	2	1	20

Table 42. Tax Revenue Generated in Chemung County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$291,551	\$150,212	\$441,764
State Resident (Non-County) Anglers	\$49,353	\$15,546	\$64,899
Out-of-State Anglers	\$17,338	\$7,741	\$25,079
All Anglers	\$358,242	\$173,499	\$531,742

Table 43. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Chenango County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	65,551	10,990	\$79,817	\$30,554
Outside County but Within Region 7: Central New York	24,078	*	\$66,940	*
In-Region Total	89,629	11,171	\$146,757	\$36,273
Region 1: Long Island	3,039	2,092	\$24,360	\$28,663
Region 2: New York City	90	506	\$771	\$3,484
Region 3: Lower Hudson Valley	2,804	1,445	\$26,998	\$21,264
Region 4: Capital Region / Northern Catskills	10,321	3,737	\$5,979	\$3,353
Region 5: Eastern Adirondacks / Lake Champlain	321	276	\$0	\$0
Region 6: Western Adirondacks / Eastern Lake Ontario	8,572	5,426	\$71,484	\$45,950
Region 8: Western Finger Lakes	269	220	\$0	NA
Region 9: Western New York	212	195	\$1,062	\$1,002
Total of Other Regions	25,6280	**	\$130,654	**
Out of state	8,598	5,376	\$491,027	\$333,817
Total	123,885	15,074	\$768,438	\$340,800

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 44. Species Fished for and Percent of Days in Chenango County

Fished primarily for	Percent of Days
Largemouth bass	34
Brown trout	13
Crappie / calico bass	9
Smallmouth bass	8
No preference	8
Yellow perch	7
Sunfish	6
Walleye	5
Rainbow trout	3
Brook trout	2
Bullhead	2
Northern pike	2

Shows only those species at 2% or higher.

Table 45. Mean Distance Traveled and Percent Satisfied in Chenango County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	35.9
Percent of anglers fishing in the county who are satisfied	54

Table 46. Chenango County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$1,537,709	\$2,432,194	\$1,514,097	\$5,484,001
Value Added	\$615,955	\$899,705	\$588,959	\$2,104,619
Labor Income	\$322,238	\$492,057	\$99,055	\$913,350
Employment (Jobs)	11	15	4	31
Indirect Effects				
Output	\$251,056	\$358,395	\$280,569	\$890,020
Value Added	\$120,930	\$172,710	\$137,484	\$431,124
Labor Income	\$62,030	\$87,491	\$74,601	\$224,122
Employment (Jobs)	2	2	2	6
Induced Effects				
Output	\$137,056	\$207,613	\$63,699	\$408,369
Value Added	\$78,186	\$118,439	\$36,344	\$232,969
Labor Income	\$31,898	\$48,317	\$14,820	\$95,035
Employment (Jobs)	1	2	0	3
Total Effects				
Output	\$1,925,822	\$2,998,203	\$1,858,365	\$6,782,389
Value Added	\$815,071	\$1,190,855	\$762,786	\$2,768,712
Labor Income	\$416,166	\$627,865	\$188,476	\$1,232,506
Employment (Jobs)	14	19	7	40

Table 47. Tax Revenue Generated in Chenango County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$253,259	\$102,157	\$355,416
State Resident (Non-County) Anglers	\$338,586	\$151,504	\$490,089
Out-of-State Anglers	\$420,611	\$68,511	\$489,122
All Anglers	\$1,012,456	\$322,171	\$1,334,627

Table 48. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Clinton County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	298,279	55,102	\$790,262	\$189,973
Outside County but Within Region 5: Eastern Adirondacks / Lake Champlain	12,830	*	\$211,941	*
In-Region Total	311,109	50,234	\$1,002,203	\$217,048
Region 1: Long Island	714	736	\$82,741	\$94,089
Region 2: New York City	6,832	3,779	\$58,606	\$40,159
Region 3: Lower Hudson Valley	5,965	2,661	\$1,017,432	\$813,022
Region 4: Capital Region / Northern Catskills	14,397	6,687	\$386,625	\$239,936
Region 6: Western Adirondacks / Eastern Lake Ontario	632	352	\$40,065	\$38,915
Region 7: Central New York	8,927	3,480	\$110,519	\$86,124
Region 8: Western Finger Lakes	2,249	1,296	\$103,480	\$65,846
Region 9: Western New York	4,687	1,808	\$259,894	\$140,135
Total of Other Regions	44,403	**	\$2,059,362	**
Out of state	45,795	9,218	\$1,628,530	\$420,047
Total	401,350	56,869	\$4,690,201	\$992,342

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 49. Species Fished for and Percent of Days in Clinton County

Fished primarily for	Percent of Days
Smallmouth bass	32
Largemouth bass	17
Yellow perch	13
Northern pike	8
Lake trout	8
Brown trout	6
No preference	5
Walleye	3
Rainbow trout	2
Sunfish	2

Shows only those species at 2% or higher.

Table 50. Mean Distance Traveled and Percent Satisfied in Clinton County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	93.5
Percent of anglers fishing in the county who are satisfied	69

Table 51. Clinton County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$14,674,367	\$9,725,698	\$13,815,601	\$38,215,666
Value Added	\$7,837,567	\$3,878,956	\$5,106,591	\$16,823,114
Labor Income	\$4,319,909	\$1,653,979	\$2,620,851	\$8,594,738
Employment (Jobs)	99	44	75	218
Indirect Effects				
Output	\$2,641,641	\$1,870,643	\$2,686,182	\$7,198,466
Value Added	\$1,414,848	\$990,131	\$1,426,053	\$3,831,032
Labor Income	\$896,002	\$624,606	\$899,802	\$2,420,410
Employment (Jobs)	19	13	19	51
Induced Effects				
Output	\$2,971,322	\$1,310,722	\$2,039,981	\$6,322,025
Value Added	\$1,755,672	\$774,570	\$1,205,643	\$3,735,885
Labor Income	\$971,566	\$428,478	\$666,755	\$2,066,799
Employment (Jobs)	22	10	15	47
Total Effects				
Output	\$20,287,330	\$12,907,063	\$18,541,764	\$51,736,158
Value Added	\$11,008,087	\$5,643,658	\$7,738,286	\$24,390,031
Labor Income	\$6,187,477	\$2,707,063	\$4,187,407	\$13,081,947
Employment (Jobs)	140	67	109	316

Table 52. Tax Revenue Generated in Clinton County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$2,958,705	\$1,507,179	\$4,465,883
State Resident (Non-County) Anglers	\$2,034,194	\$695,491	\$2,729,686
Out-of-State Anglers	\$2,403,355	\$1,018,441	\$3,421,796
All Anglers	\$7,396,254	\$3,221,111	\$10,617,365

Table 53. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Columbia County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	44,290	8,216	\$98,446	\$46,069
Outside County but Within Region 4: Capital Region / Northern Catskills	22,048	*	\$67,904	*
In-Region Total	66,338	11,574	\$166,350	\$88,486
Region 1: Long Island	4,742	2,984	\$22,897	\$19,613
Region 2: New York City	3,589	2,389	\$24,037	\$23,968
Region 3: Lower Hudson Valley	31,207	11,292	\$172,661	\$77,150
Region 5: Eastern Adirondacks / Lake Champlain	89	84	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	149	112	\$0	NA
Region 8: Western Finger Lakes	924	970	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	40,700	**	\$219,595	**
Out of state	8,306	3,986	\$179,101	\$135,101
Total	115,363	18,176	\$565,046	\$181,613

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 54. Species Fished for and Percent of Days in Columbia County	
Fished primarily for	Percent of Days
Largemouth bass	36
Sunfish	11
Striped bass (freshwater only)	10
Smallmouth bass	9
Brown trout	8
Rainbow trout	8
No preference	5
Yellow perch	3
Channel catfish	3
Lake trout	3
Brook trout	2
Crappie / calico bass	2

Shows only those species at 2% or higher.

Table 55. Mean Distance Traveled and Percent Satisfied in Columbia County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	28.5
Percent of anglers fishing in the county who are satisfied	55

Table 56. Columbia County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$4,256,429	\$2,533,004	\$633,327	\$7,422,760
Value Added	\$1,555,283	\$1,181,516	\$230,579	\$2,967,378
Labor Income	\$383,098	\$678,489	\$106,299	\$1,167,886
Employment (Jobs)	12	19	4	35
Indirect Effects				
Output	\$774,192	\$511,926	\$131,744	\$1,417,862
Value Added	\$399,882	\$262,936	\$67,321	\$730,139
Labor Income	\$269,619	\$172,121	\$44,815	\$486,555
Employment (Jobs)	6	4	1	11
Induced Effects				
Output	\$266,726	\$343,377	\$62,354	\$672,457
Value Added	\$151,373	\$194,834	\$35,393	\$381,601
Labor Income	\$79,798	\$102,736	\$18,654	\$201,188
Employment (Jobs)	2	3	1	5
Total Effects				
Output	\$5,297,347	\$3,388,307	\$827,425	\$9,513,079
Value Added	\$2,106,539	\$1,639,286	\$333,293	\$4,079,118
Labor Income	\$732,515	\$953,345	\$169,768	\$1,855,629
Employment (Jobs)	20	26	5	52

Table 57. Tax Revenue Generated in Columbia County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,147,794	\$209,366	\$1,357,160
State Resident (Non-County) Anglers	\$435,690	\$214,379	\$650,069
Out-of-State Anglers	\$101,978	\$39,803	\$141,781
All Anglers	\$1,685,462	\$463,548	\$2,149,010

Table 58. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Cortland County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	48,937	11,766	\$49,147	\$22,402
Outside County but Within Region 7: Central New York	22,034	*	\$277,130	*
In-Region Total	70,971	12,248	\$326,277	\$252,966
Region 1: Long Island	69	116	\$860	\$1,425
Region 2: New York City	2,916	2,211	\$399	\$614
Region 3: Lower Hudson Valley	2,578	2,120	\$0	NA
Region 4: Capital Region / Northern Catskills	1,018	786	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 8: Western Finger Lakes	16,125	10,352	\$6,875	\$7,647
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	22,706	**	\$8,134	**
Out of state	2,281	1,730	\$55,876	\$50,838
Total	95,985	17,153	\$390,289	\$258,138

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 59. Species Fished for and Percent of Days in Cortland County

Fished primarily for	Percent of Days
Largemouth bass	30
Brown trout	17
No preference	15
Smallmouth bass	9
Walleye	8
Rainbow trout	6
Yellow perch	4
Sunfish	3
Brook trout	2
Pickrel	2
Crappie / calico bass	2
Lake trout	2

Shows only those species at 2% or higher.

Table 60. Mean Distance Traveled and Percent Satisfied in Cortland County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	25.3
Percent of anglers fishing in the county who are satisfied	46

Table 61. Cortland County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$583,492	\$2,094,910	\$539,769	\$3,218,171
Value Added	\$252,677	\$917,173	\$254,822	\$1,424,672
Labor Income	\$131,306	\$415,981	\$102,404	\$649,691
Employment (Jobs)	4	12	3	18
Indirect Effects				
Output	\$79,156	\$305,028	\$87,881	\$472,066
Value Added	\$43,368	\$167,469	\$48,642	\$259,479
Labor Income	\$26,671	\$106,680	\$31,228	\$164,579
Employment (Jobs)	1	3	1	4
Induced Effects				
Output	\$60,787	\$200,736	\$50,637	\$312,160
Value Added	\$35,155	\$116,092	\$29,283	\$180,530
Labor Income	\$18,163	\$59,981	\$15,135	\$93,278
Employment (Jobs)	1	2	0	3
Total Effects				
Output	\$723,435	\$2,600,674	\$678,288	\$4,002,397
Value Added	\$331,200	\$1,200,734	\$332,747	\$1,864,681
Labor Income	\$176,140	\$582,641	\$148,767	\$907,548
Employment (Jobs)	5	16	4	25

Table 62. Tax Revenue Generated in Cortland County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$96,831	\$39,271	\$136,102
State Resident (Non-County) Anglers	\$425,645	\$134,655	\$560,299
Out-of-State Anglers	\$133,161	\$35,664	\$168,825
All Anglers	\$655,637	\$209,589	\$865,226

Table 63. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Delaware County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	83,348	20,334	\$179,448	\$60,362
Outside County but Within Region 4: Capital Region / Northern Catskills	22,102	*	\$393,539	*
In-Region Total	105,450	19,325	\$572,987	\$213,898
Region 1: Long Island	22,914	10,631	\$1,137,888	\$515,601
Region 2: New York City	37,377	9,070	\$1,954,503	\$738,467
Region 3: Lower Hudson Valley	55,002	11,239	\$1,814,238	\$579,637
Region 5: Eastern Adirondacks / Lake Champlain	3,610	1,588	\$91,057	\$45,048
Region 6: Western Adirondacks / Eastern Lake Ontario	3,166	2,045	\$20,516	\$13,882
Region 7: Central New York	42,510	8,535	\$1,221,345	\$679,460
Region 8: Western Finger Lakes	4,747	1,670	\$283,802	\$148,389
Region 9: Western New York	2,072	957	\$415,976	\$263,263
Total of Other Regions	171,398	**	\$6,939,325	**
Out of state	141,703	18,833	\$5,946,649	\$926,040
Total	418,558	35,017	\$13,458,999	\$1,612,362

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 64. Species Fished for and Percent of Days in Delaware County	
Fished primarily for	Percent of Days
Brown trout	57
Rainbow trout	15
Brook trout	9
Smallmouth bass	7
Largemouth bass	4
Walleye	4

Shows only those species at 2% or higher.

Table 65. Mean Distance Traveled and Percent Satisfied in Delaware County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	119.1
Percent of anglers fishing in the county who are satisfied	69

Table 66. Delaware County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$1,721,219	\$56,296,605	\$19,653,704	\$77,671,529
Value Added	\$565,231	\$14,131,394	\$6,421,251	\$21,117,875
Labor Income	\$247,237	\$2,545,738	\$2,182,993	\$4,975,969
Employment (Jobs)	11	103	98	212
Indirect Effects				
Output	\$268,272	\$5,642,563	\$3,040,931	\$8,951,767
Value Added	\$121,878	\$2,555,010	\$1,367,912	\$4,044,800
Labor Income	\$71,781	\$1,477,910	\$782,315	\$2,332,007
Employment (Jobs)	2	44	24	70
Induced Effects				
Output	\$95,757	\$1,225,170	\$901,628	\$2,222,554
Value Added	\$52,639	\$673,578	\$495,694	\$1,221,911
Labor Income	\$21,856	\$279,585	\$205,756	\$507,197
Employment (Jobs)	1	10	7	18
Total Effects				
Output	\$2,085,249	\$63,164,338	\$23,596,264	\$88,845,850
Value Added	\$739,748	\$17,359,982	\$8,284,856	\$26,384,586
Labor Income	\$340,875	\$4,303,234	\$3,171,065	\$7,815,173
Employment (Jobs)	14	157	128	299

Table 67. Tax Revenue Generated in Delaware County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$276,654	\$83,326	\$359,981
State Resident (Non-County) Anglers	\$10,660,154	\$1,442,674	\$12,102,828
Out-of-State Anglers	\$3,465,454	\$840,696	\$4,306,150
All Anglers	\$14,402,262	\$2,366,697	\$16,768,959

Table 68. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Dutchess County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	131,999	17,566	\$387,613	\$138,606
Outside County but Within Region 3: Lower Hudson Valley	20,263	*	\$105,849	*
In-Region Total	152,262	18,657	\$493,462	\$158,190
Region 1: Long Island	3,769	4,196	\$811	\$1,384
Region 2: New York City	1,880	1,285	\$10,067	\$8,841
Region 4: Capital Region / Northern Catskills	12,988	6,129	\$140,300	\$84,048
Region 5: Eastern Adirondacks / Lake Champlain	8	37	\$42	\$200
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	892	571	\$2,230	\$1,778
Region 8: Western Finger Lakes	306	332	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	19,843	**	\$153,450	**
Out of state	11,667	4,473	\$298,325	\$272,282
Total	183,836	21,289	\$945,238	\$326,013

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 69. Species Fished for and Percent of Days in Dutchess County	
Fished primarily for	Percent of Days
Brown trout	30
Largemouth bass	19
Striped bass (freshwater only)	16
Rainbow trout	10
Brook trout	7
No preference	6
Smallmouth bass	3
Lake trout	3
Sunfish	2
Channel catfish	2

Shows only those species at 2% or higher.

Table 70. Mean Distance Traveled and Percent Satisfied in Dutchess County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	22.1
Percent of anglers fishing in the county who are satisfied	49

Table 71. Dutchess County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$2,881,471	\$9,766,390	\$1,603,288	\$14,251,149
Value Added	\$1,206,384	\$2,751,890	\$798,421	\$4,756,694
Labor Income	\$711,903	\$384,495	\$407,915	\$1,504,313
Employment (Jobs)	21	11	8	41
Indirect Effects				
Output	\$640,480	\$1,494,363	\$328,988	\$2,463,831
Value Added	\$354,737	\$826,816	\$182,892	\$1,364,446
Labor Income	\$222,417	\$539,946	\$115,684	\$878,046
Employment (Jobs)	4	11	2	18
Induced Effects				
Output	\$474,415	\$472,421	\$263,982	\$1,210,819
Value Added	\$286,504	\$285,329	\$159,403	\$731,236
Labor Income	\$156,570	\$155,924	\$87,114	\$399,608
Employment (Jobs)	4	4	2	9
Total Effects				
Output	\$3,996,366	\$11,733,174	\$2,196,259	\$17,925,799
Value Added	\$1,847,624	\$3,864,035	\$1,140,716	\$6,852,376
Labor Income	\$1,090,890	\$1,080,365	\$610,713	\$2,781,967
Employment (Jobs)	29	26	13	68

Table 72. Tax Revenue Generated in Dutchess County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$439,735	\$236,631	\$676,366
State Resident (Non-County) Anglers	\$2,379,946	\$316,268	\$2,696,214
Out-of-State Anglers	\$302,793	\$137,257	\$440,049
All Anglers	\$3,122,474	\$690,156	\$3,812,629

Table 73. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Erie County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	917,887	57,147	\$4,123,980	\$467,985
Outside County but Within Region 9: Western New York	119,990	*	\$758,668	*
In-Region Total	1,037,877	54,767	\$4,882,648	\$506,134
Region 1: Long Island	0	NA	\$0	NA
Region 2: New York City	5,503	3,989	\$51,013	\$41,185
Region 3: Lower Hudson Valley	2,665	1,119	\$181,867	\$92,331
Region 4: Capital Region / Northern Catskills	1,311	523	\$47,815	\$47,374
Region 5: Eastern Adirondacks / Lake Champlain	760	461	\$25,472	\$17,091
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	\$0
Region 7: Central New York	12,644	9,549	\$72,234	\$34,808
Region 8: Western Finger Lakes	25,530	7,693	\$257,604	\$82,447
Total of Other Regions	48,413	**	\$636,005	**
Out of state	20,508	4,164	\$835,111	\$210,656
Total	1,107,004	60,609	\$6,354,573	\$566,240

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 74. Species Fished for and Percent of Days in Erie County	
Fished primarily for	Percent of Days
Smallmouth bass	24
Walleye	16
Largemouth bass	14
No preference	14
Steelhead	11
Yellow perch	7
Brown trout	3
Sunfish	2
Rainbow trout	2

Shows only those species at 2% or higher.

Table 75. Mean Distance Traveled and Percent Satisfied in Erie County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	29.5
Percent of anglers fishing in the county who are satisfied	58

Table 76. Erie County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$50,301,558	\$47,030,067	\$6,369,840	\$103,701,465
Value Added	\$26,549,907	\$17,051,627	\$2,143,076	\$45,744,611
Labor Income	\$19,408,146	\$9,868,710	\$1,198,434	\$30,475,290
Employment (Jobs)	246	140	23	409
Indirect Effects				
Output	\$12,004,937	\$10,434,448	\$1,647,387	\$24,086,772
Value Added	\$7,095,467	\$6,238,260	\$969,210	\$14,302,937
Labor Income	\$4,495,309	\$3,888,455	\$615,153	\$8,998,917
Employment (Jobs)	75	62	10	147
Induced Effects				
Output	\$17,122,659	\$9,559,639	\$1,240,862	\$27,923,160
Value Added	\$10,483,552	\$5,850,094	\$759,158	\$17,092,804
Labor Income	\$5,736,860	\$3,202,402	\$415,644	\$9,354,906
Employment (Jobs)	123	69	9	201
Total Effects				
Output	\$79,429,154	\$67,024,153	\$9,258,089	\$155,711,397
Value Added	\$44,128,927	\$29,139,981	\$3,871,444	\$77,140,352
Labor Income	\$29,640,315	\$16,959,568	\$2,229,232	\$48,829,114
Employment (Jobs)	445	270	43	757

Table 77. Tax Revenue Generated in Erie County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$8,452,675	\$6,565,516	\$15,018,191
State Resident (Non-County) Anglers	\$6,255,003	\$4,040,007	\$10,295,010
Out-of-State Anglers	\$1,030,763	\$542,366	\$1,573,129
All Anglers	\$15,738,441	\$11,147,889	\$26,886,330

Table 78. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Essex County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	105,347	30,152	\$581,770	\$218,047
Outside County but Within Region 5: Eastern Adirondacks / Lake Champlain	113,993	*	\$1,618,713	*
In-Region Total	219,340	31,147	\$2,200,483	\$598,456
Region 1: Long Island	6,894	2,905	\$209,036	\$118,068
Region 2: New York City	23,011	7,992	\$1,093,132	\$594,542
Region 3: Lower Hudson Valley	25,327	5,872	\$1,162,529	\$358,989
Region 4: Capital Region / Northern Catskills	57,741	8,905	\$1,171,751	\$303,616
Region 6: Western Adirondacks / Eastern Lake Ontario	4,649	1,212	\$265,341	\$147,093
Region 7: Central New York	41,196	15,022	\$327,564	\$110,328
Region 8: Western Finger Lakes	8,464	1,965	\$590,389	\$202,701
Region 9: Western New York	5,908	1,835	\$336,589	\$143,283
Total of Other Regions	173,190	**	\$5,156,331	**
Out of state	104,357	13,815	\$4,031,825	\$676,095
Total	496,903	42,728	\$11,389,188	\$1,222,534

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 79. Species Fished for and Percent of Days in Essex County	
Fished primarily for	Percent of Days
Largemouth bass	26
Brown trout	11
Brook trout	10
Smallmouth bass	9
Lake trout	6
Crappie / calico bass	6
Rainbow trout	5
Yellow perch	5
Sunfish	4
No preference	4
Northern pike	4
Landlocked Atlantic salmon	4
Walleye	3
Channel catfish	2

Shows only those species at 2% or higher.

Table 80. Mean Distance Traveled and Percent Satisfied in Essex County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	121.7
Percent of anglers fishing in the county who are satisfied	59

Table 81. Essex County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,746,609	\$28,155,438	\$20,185,998	\$52,088,045
Value Added	\$1,731,514	\$11,507,889	\$8,070,448	\$21,309,852
Labor Income	\$1,029,659	\$5,801,487	\$3,684,249	\$10,515,396
Employment (Jobs)	25	135	92	251
Indirect Effects				
Output	\$465,224	\$3,420,264	\$2,431,002	\$6,316,490
Value Added	\$232,459	\$1,696,056	\$1,200,260	\$3,128,775
Labor Income	\$140,020	\$1,037,419	\$746,929	\$1,924,368
Employment (Jobs)	4	29	21	53
Induced Effects				
Output	\$445,242	\$2,629,335	\$1,708,476	\$4,783,053
Value Added	\$261,151	\$1,542,346	\$1,002,203	\$2,805,700
Labor Income	\$125,159	\$739,080	\$480,228	\$1,344,467
Employment (Jobs)	4	21	14	39
Total Effects				
Output	\$4,657,075	\$34,205,037	\$24,325,475	\$63,187,588
Value Added	\$2,225,125	\$14,746,291	\$10,272,911	\$27,244,327
Labor Income	\$1,294,839	\$7,577,985	\$4,911,407	\$13,784,231
Employment (Jobs)	32	184	126	343

Table 82. Tax Revenue Generated in Essex County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$567,898	\$276,178	\$844,076
State Resident (Non-County) Anglers	\$4,627,725	\$1,679,944	\$6,307,670
Out-of-State Anglers	\$3,787,235	\$1,116,523	\$4,903,758
All Anglers	\$8,982,859	\$3,072,645	\$12,055,504

Table 83. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Franklin County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	58,302	9,766	\$189,814	\$73,464
Outside County but Within Region 5: Eastern Adirondacks / Lake Champlain	85,801	*	\$629,848	*
In-Region Total	144,103	13,438	\$819,662	\$160,087
Region 1: Long Island	8,658	4,762	\$129,268	\$86,098
Region 2: New York City	17,888	8,800	\$251,227	\$201,612
Region 3: Lower Hudson Valley	11,734	3,272	\$722,622	\$362,089
Region 4: Capital Region / Northern Catskills	38,091	7,307	\$844,456	\$431,320
Region 6: Western Adirondacks / Eastern Lake Ontario	23,109	4,036	\$265,455	\$60,992
Region 7: Central New York	30,729	5,409	\$494,009	\$135,453
Region 8: Western Finger Lakes	46,843	8,910	\$698,816	\$198,405
Region 9: Western New York	33,237	7,253	\$1,651,981	\$791,574
Total of Other Regions	210,289	**	\$5,057,834	**
Out of state	69,203	10,661	\$3,238,662	\$995,569
Total	423,610	26,287	\$9,116,423	\$1,437,726

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 84. Species Fished for and Percent of Days in Franklin County

Fished primarily for	Percent of Days
Smallmouth bass	20
Largemouth bass	19
Northern pike	12
Brook trout	11
No preference	9
Brown trout	8
Rainbow trout	5
Yellow perch	4
Walleye	3
Lake trout	3
Sunfish	3
Bullhead	2

Shows only those species at 2% or higher.

Table 85. Mean Distance Traveled and Percent Satisfied in Franklin County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	144.6
Percent of anglers fishing in the county who are satisfied	62

Table 86. Franklin County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$1,726,758	\$19,577,186	\$10,271,867	\$31,575,811
Value Added	\$716,989	\$7,983,855	\$3,947,652	\$12,648,496
Labor Income	\$245,448	\$3,442,179	\$1,139,901	\$4,827,529
Employment (Jobs)	8	104	34	147
Indirect Effects				
Output	\$203,164	\$2,060,111	\$1,138,256	\$3,401,531
Value Added	\$98,926	\$995,082	\$555,536	\$1,649,543
Labor Income	\$66,290	\$641,570	\$369,727	\$1,077,588
Employment (Jobs)	2	17	10	29
Induced Effects				
Output	\$135,703	\$1,778,280	\$653,220	\$2,567,202
Value Added	\$77,199	\$1,011,636	\$371,576	\$1,460,411
Labor Income	\$41,004	\$537,325	\$197,406	\$775,736
Employment (Jobs)	1	14	5	20
Total Effects				
Output	\$2,065,625	\$23,415,577	\$12,063,342	\$37,544,543
Value Added	\$893,114	\$9,990,572	\$4,874,763	\$15,758,450
Labor Income	\$352,743	\$4,621,075	\$1,707,034	\$6,680,852
Employment (Jobs)	11	135	49	195

Table 87. Tax Revenue Generated in Franklin County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$400,488	\$109,922	\$510,410
State Resident (Non-County) Anglers	\$3,398,174	\$1,263,195	\$4,661,369
Out-of-State Anglers	\$2,153,897	\$569,299	\$2,723,196
All Anglers	\$5,952,559	\$1,942,416	\$7,894,975

Table 88. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Fulton County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	106,360	19,011	\$669,765	\$226,180
Outside County but Within Region 5: Eastern Adirondacks / Lake Champlain	29,049	*	\$262,019	*
In-Region Total	135,409	19,463	\$931,784	\$285,138
Region 1: Long Island	4,222	2,708	\$60,826	\$25,986
Region 2: New York City	3,464	2,235	\$61,677	\$41,129
Region 3: Lower Hudson Valley	13,472	6,745	\$276,089	\$167,092
Region 4: Capital Region / Northern Catskills	81,261	14,718	\$620,387	\$283,682
Region 6: Western Adirondacks / Eastern Lake Ontario	9,869	3,094	\$256,646	\$146,309
Region 7: Central New York	900	787	\$14,618	\$10,406
Region 8: Western Finger Lakes	2,514	1,319	\$97,842	\$84,195
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	115,702	**	\$1,388,085	**
Out of state	8,493	3,126	\$254,307	\$209,620
Total	259,603	28,501	\$2,574,176	\$514,182

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 89. Species Fished for and Percent of Days in Fulton County

Fished primarily for	Percent of Days
Smallmouth bass	29
Walleye	26
No preference	10
Largemouth bass	8
Brown trout	8
Rainbow trout	5
Northern pike	5
Lake trout	2
Yellow perch	2

Shows only those species at 2% or higher.

Table 90. Mean Distance Traveled and Percent Satisfied in Fulton County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	48.9
Percent of anglers fishing in the county who are satisfied	47

Table 91. Fulton County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$2,178,944	\$9,518,524	\$2,245,287	\$13,942,754
Value Added	\$954,687	\$4,100,746	\$737,023	\$5,792,456
Labor Income	\$350,837	\$1,785,707	\$361,234	\$2,497,778
Employment (Jobs)	9	39	6	54
Indirect Effects				
Output	\$516,736	\$2,052,576	\$411,716	\$2,981,028
Value Added	\$252,207	\$1,005,818	\$203,762	\$1,461,787
Labor Income	\$144,436	\$568,735	\$114,892	\$828,062
Employment (Jobs)	4	14	3	20
Induced Effects				
Output	\$200,523	\$948,597	\$183,559	\$1,332,679
Value Added	\$114,906	\$543,546	\$105,127	\$763,580
Labor Income	\$57,474	\$271,900	\$52,637	\$382,011
Employment (Jobs)	1	7	1	10
Total Effects				
Output	\$2,896,203	\$12,519,697	\$2,840,562	\$18,256,461
Value Added	\$1,321,800	\$5,650,110	\$1,045,912	\$8,017,822
Labor Income	\$552,747	\$2,626,341	\$528,763	\$3,707,851
Employment (Jobs)	14	60	10	84

Table 92. Tax Revenue Generated in Fulton County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$569,990	\$140,171	\$710,161
State Resident (Non-County) Anglers	\$2,076,401	\$638,987	\$2,715,387
Out-of-State Anglers	\$310,534	\$126,157	\$436,691
All Anglers	\$2,956,924	\$905,315	\$3,862,239

Table 93. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Genesee County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	11,521	3,950	\$44,430	\$23,135
Outside County but Within Region 8: Western Finger Lakes	10,544	*	\$5,235	*
In-Region Total	22,065	5,415	\$49,665	\$23,270
Region 1: Long Island	0	NA	\$0	NA
Region 2: New York City	0	NA	\$0	NA
Region 3: Lower Hudson Valley	99	135	\$0	NA
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	198	216	\$9,882	\$11,835
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 9: Western New York	9,925	3,553	\$39,821	\$22,580
Total of Other Regions	10,222	**	\$49,703	**
Out of state	903	622	\$56,056	\$48,006
Total	33,190	6,684	\$155,424	\$59,121

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 94. Species Fished for and Percent of Days in Genesee County

Fished primarily for	Percent of Days
Brown trout	24
Smallmouth bass	22
No preference	17
Largemouth bass	11
Northern pike	9
Rainbow trout	5
Sunfish	5
Crappie / calico bass	4
Steelhead	2

Shows only those species at 2% or higher.

Table 95. Mean Distance Traveled and Percent Satisfied in Genesee County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	49.4
Percent of anglers fishing in the county who are satisfied	54

Table 96. Genesee County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$249,801	\$746,285	\$146,613	\$1,142,699
Value Added	\$103,188	\$333,350	\$54,300	\$490,838
Labor Income	\$49,747	\$100,561	\$19,908	\$170,216
Employment (Jobs)	2	3	1	6
Indirect Effects				
Output	\$37,768	\$113,061	\$21,919	\$172,748
Value Added	\$20,082	\$59,825	\$11,535	\$91,442
Labor Income	\$12,609	\$37,917	\$7,146	\$57,673
Employment (Jobs)	0	1	0	1
Induced Effects				
Output	\$21,345	\$46,805	\$9,415	\$77,565
Value Added	\$12,156	\$26,653	\$5,363	\$44,172
Labor Income	\$5,798	\$12,714	\$2,557	\$21,069
Employment (Jobs)	0	0	0	1
Total Effects				
Output	\$308,913	\$906,150	\$177,947	\$1,393,011
Value Added	\$135,426	\$419,828	\$71,198	\$626,451
Labor Income	\$68,154	\$151,192	\$29,611	\$248,957
Employment (Jobs)	2	5	1	8

Table 97. Tax Revenue Generated in Genesee County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$48,341	\$15,761	\$64,102
State Resident (Non-County) Anglers	\$207,992	\$41,041	\$249,033
Out-of-State Anglers	\$26,291	\$7,418	\$33,708
All Anglers	\$282,623	\$64,220	\$346,843

Table 98. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Greene County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	29,448	7,606	\$313,351	\$259,463
Outside County but Within Region 4: Capital Region / Northern Catskills	14,047	*	\$81,083	*
In-Region Total	43,495	7,527	\$394,434	\$261,749
Region 1: Long Island	3,688	2,365	\$22,990	\$18,661
Region 2: New York City	5,609	2,997	\$361,930	\$381,546
Region 3: Lower Hudson Valley	5,663	1,637	\$42,718	\$21,955
Region 5: Eastern Adirondacks / Lake Champlain	2,208	1,204	\$2,958	\$2,672
Region 6: Western Adirondacks / Eastern Lake Ontario	0	0	\$0	NA
Region 7: Central New York	429	381	\$0	NA
Region 8: Western Finger Lakes	229	249	\$0	NA
Region 9: Western New York	748	593	\$1,470	\$1,667
Total of Other Regions	18,574	**	\$432,066	**
Out of state	14,106	3,714	\$302,488	\$120,181
Total	76,190	10,168	\$1,128,986	\$478,888

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 99. Species Fished for and Percent of Days in Greene County

Fished primarily for	Percent of Days
Largemouth bass	33
Brown trout	23
Striped bass (freshwater only)	12
Smallmouth bass	11
Rainbow trout	6
No preference	4
Channel catfish	3
Brook trout	2
Yellow perch	2

Shows only those species at 2% or higher.

Table 100. Mean Distance Traveled and Percent Satisfied in Greene County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	50.4
Percent of anglers fishing in the county who are satisfied	53

Table 101. Greene County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$950,469	\$3,359,271	\$1,809,384	\$6,119,124
Value Added	\$393,094	\$1,410,438	\$913,256	\$2,716,789
Labor Income	\$167,647	\$496,857	\$441,186	\$1,105,689
Employment (Jobs)	6	18	13	37
Indirect Effects				
Output	\$167,042	\$620,757	\$313,817	\$1,101,616
Value Added	\$85,527	\$314,574	\$164,113	\$564,214
Labor Income	\$51,797	\$192,063	\$99,656	\$343,516
Employment (Jobs)	1	5	2	8
Induced Effects				
Output	\$67,952	\$215,369	\$164,712	\$448,033
Value Added	\$40,147	\$127,253	\$97,302	\$264,703
Labor Income	\$17,274	\$54,747	\$41,874	\$113,895
Employment (Jobs)	0	2	1	3
Total Effects				
Output	\$1,185,464	\$4,195,397	\$2,287,913	\$7,668,773
Value Added	\$518,769	\$1,852,265	\$1,174,672	\$3,545,706
Labor Income	\$236,718	\$743,667	\$582,715	\$1,563,100
Employment (Jobs)	7	24	17	48

Table 102. Tax Revenue Generated in Greene County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$181,027	\$57,241	\$238,268
State Resident (Non-County) Anglers	\$830,777	\$189,116	\$1,019,893
Out-of-State Anglers	\$391,808	\$136,726	\$528,533
All Anglers	\$1,403,611	\$383,083	\$1,786,694

Table 103. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Hamilton County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	43,584	10,070	\$38,299	\$19,520
Outside County but Within Region 5: Eastern Adirondacks / Lake Champlain	64,535	*	\$653,238	*
In-Region Total	108,119	12,074	\$691,537	\$140,414
Region 1: Long Island	9,505	4,527	\$213,186	\$182,584
Region 2: New York City	3,046	1,555	\$71,881	\$37,718
Region 3: Lower Hudson Valley	7,728	2,180	\$348,101	\$177,174
Region 4: Capital Region / Northern Catskills	47,495	7,778	\$891,469	\$421,972
Region 6: Western Adirondacks / Eastern Lake Ontario	59,596	10,274	\$561,707	\$110,097
Region 7: Central New York	33,213	5,386	\$895,782	\$228,220
Region 8: Western Finger Lakes	21,732	3,756	\$613,953	\$176,584
Region 9: Western New York	9,660	4,438	\$244,162	\$138,802
Total of Other Regions	191,975	**	\$3,840,241	**
Out of state	52,702	15,573	\$1,545,482	\$480,853
Total	352,795	26,594	\$6,077,260	\$780,006

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 104. Species Fished for and Percent of Days in Hamilton County	
Fished primarily for	Percent of Days
Smallmouth bass	31
Largemouth bass	14
No preference	12
Lake trout	10
Brook trout	8
Brown trout	5
Northern pike	4
Rainbow trout	4
Yellow perch	3
Walleye	2

Shows only those species at 2% or higher.

Table 105. Mean Distance Traveled and Percent Satisfied in Hamilton County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	113.3
Percent of anglers fishing in the county who are satisfied	50

Table 106. Hamilton County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$376,189	\$28,405,834	\$5,728,029	\$34,510,051
Value Added	\$131,857	\$9,686,899	\$2,374,581	\$12,193,337
Labor Income	\$43,491	\$2,584,978	\$884,664	\$3,513,133
Employment (Jobs)	3	108	38	149
Indirect Effects				
Output	\$55,473	\$3,631,334	\$914,716	\$4,601,522
Value Added	\$17,229	\$1,135,665	\$274,694	\$1,427,588
Labor Income	\$10,072	\$673,240	\$160,519	\$843,831
Employment (Jobs)	1	40	10	50
Induced Effects				
Output	\$12,719	\$771,315	\$245,248	\$1,029,282
Value Added	\$6,900	\$418,442	\$133,040	\$558,382
Labor Income	\$2,373	\$143,891	\$45,765	\$192,029
Employment (Jobs)	0	6	2	9
Total Effects				
Output	\$444,381	\$32,808,482	\$6,887,992	\$40,140,856
Value Added	\$155,987	\$11,241,005	\$2,782,315	\$14,179,307
Labor Income	\$55,936	\$3,402,109	\$1,090,948	\$4,548,993
Employment (Jobs)	4	154	50	208

Table 107. Tax Revenue Generated in Hamilton County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$86,000	\$12,481	\$98,481
State Resident (Non-County) Anglers	\$6,691,712	\$790,340	\$7,482,052
Out-of-State Anglers	\$1,293,177	\$241,137	\$1,534,314
All Anglers	\$8,070,890	\$1,043,958	\$9,114,848

Table 108. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Herkimer County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	35,407	6,966	\$93,674	\$32,852
Outside County but Within Region 6: Western Adirondacks / Eastern Lake Ontario	68,473	*	\$780,113	*
In-Region Total	103,880	13,315	\$873,787	\$306,025
Region 1: Long Island	874	891	\$25,204	\$32,683
Region 2: New York City	1,349	1,284	\$17,852	\$24,689
Region 3: Lower Hudson Valley	3,326	1,304	\$0	\$0
Region 4: Capital Region / Northern Catskills	5,719	1,949	\$31,244	\$14,838
Region 5: Eastern Adirondacks / Lake Champlain	14,077	5,584	\$11,827	\$8,261
Region 7: Central New York	12,985	2,871	\$186,105	\$73,826
Region 8: Western Finger Lakes	8,034	2,424	\$283,241	\$98,642
Region 9: Western New York	8,127	3,724	\$176,482	\$119,520
Total of Other Regions	54,491	**	\$731,955	**
Out of state	7,707	2,332	\$210,702	\$105,483
Total	166,157	16,796	\$1,818,121	\$368,978

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 109. Species Fished for and Percent of Days in Herkimer County

Fished primarily for	Percent of Days
Brook trout	24
Smallmouth bass	16
Northern pike	15
Brown trout	10
No preference	8
Rainbow trout	6
Largemouth bass	6
Yellow perch	6
Lake trout	4
Walleye	2
Sunfish	2

Shows only those species at 2% or higher.

Table 110. Mean Distance Traveled and Percent Satisfied in Herkimer County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	78.8
Percent of anglers fishing in the county who are satisfied	54

Table 111. Herkimer County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$641,931	\$6,195,252	\$1,264,125	\$8,101,309
Value Added	\$287,877	\$2,802,124	\$524,849	\$3,614,850
Labor Income	\$143,644	\$1,289,922	\$223,884	\$1,657,451
Employment (Jobs)	3	26	5	34
Indirect Effects				
Output	\$71,581	\$658,422	\$136,484	\$866,487
Value Added	\$36,716	\$338,882	\$70,725	\$446,323
Labor Income	\$23,321	\$215,386	\$45,510	\$284,216
Employment (Jobs)	1	5	1	7
Induced Effects				
Output	\$52,760	\$480,982	\$86,317	\$620,059
Value Added	\$30,460	\$277,721	\$49,841	\$358,023
Labor Income	\$13,473	\$122,800	\$22,037	\$158,310
Employment (Jobs)	0	4	1	5
Total Effects				
Output	\$766,272	\$7,334,656	\$1,486,927	\$9,587,855
Value Added	\$355,053	\$3,418,727	\$645,415	\$4,419,196
Labor Income	\$180,437	\$1,628,108	\$291,431	\$2,099,977
Employment (Jobs)	4	35	7	46

Table 112. Tax Revenue Generated in Herkimer County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$125,217	\$42,685	\$167,902
State Resident (Non-County) Anglers	\$1,239,685	\$393,536	\$1,633,221
Out-of-State Anglers	\$285,439	\$72,137	\$357,576
All Anglers	\$1,650,341	\$508,358	\$2,158,700

Table 113. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Jefferson County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	471,738	69,832	\$2,740,536	\$657,887
Outside County but Within Region 6: Western Adirondacks / Eastern Lake Ontario	37,862	*	\$712,229	*
In-Region Total	509,600	66,142	\$3,452,765	\$677,947
Region 1: Long Island	241	408	\$0	NA
Region 2: New York City	3,339	2,101	\$22,726	\$25,799
Region 3: Lower Hudson Valley	8,967	3,921	\$616,452	\$232,015
Region 4: Capital Region / Northern Catskills	20,187	5,007	\$711,421	\$261,150
Region 5: Eastern Adirondacks / Lake Champlain	11,728	3,785	\$452,490	\$183,612
Region 7: Central New York	117,990	15,082	\$1,483,997	\$227,794
Region 8: Western Finger Lakes	130,338	19,529	\$3,931,061	\$826,608
Region 9: Western New York	28,208	5,736	\$1,498,171	\$385,117
Total of Other Regions	320,998	**	\$8,716,318	**
Out of state	93,626	12,243	\$6,238,554	\$1,104,508
Total	924,559	76,517	\$18,412,086	\$1,645,557

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 114. Species Fished for and Percent of Days in Jefferson County

Fished primarily for	Percent of Days
Smallmouth bass	29
Northern pike	12
Yellow perch	11
Largemouth bass	11
No preference	9
Walleye	8
Carp	5
Coho / Chinook salmon	4
Sunfish	2
Crappie / calico bass	2
Steelhead	2

Shows only those species at 2% or higher.

Table 115. Mean Distance Traveled and Percent Satisfied in Jefferson County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	113.9
Percent of anglers fishing in the county who are satisfied	63

Table 116. Jefferson County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$16,935,382	\$44,633,946	\$39,217,022	\$100,786,350
Value Added	\$6,660,460	\$16,860,950	\$15,940,772	\$39,462,183
Labor Income	\$3,383,551	\$6,996,676	\$5,910,145	\$16,290,372
Employment (Jobs)	94	181	139	414
Indirect Effects				
Output	\$2,851,414	\$7,495,285	\$6,568,692	\$16,915,390
Value Added	\$1,479,218	\$3,869,704	\$3,378,157	\$8,727,080
Labor Income	\$861,338	\$2,268,653	\$1,994,830	\$5,124,821
Employment (Jobs)	20	52	46	117
Induced Effects				
Output	\$2,004,832	\$4,435,161	\$3,807,356	\$10,247,349
Value Added	\$1,160,747	\$2,568,216	\$2,204,824	\$5,933,787
Labor Income	\$594,778	\$1,315,457	\$1,129,122	\$3,039,356
Employment (Jobs)	15	34	29	79
Total Effects				
Output	\$21,791,628	\$56,564,392	\$49,593,069	\$127,949,089
Value Added	\$9,300,426	\$23,298,871	\$21,523,754	\$54,123,050
Labor Income	\$4,839,667	\$10,580,785	\$9,034,097	\$24,454,549
Employment (Jobs)	129	267	214	611

Table 117. Tax Revenue Generated in Jefferson County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$2,942,302	\$1,139,604	\$4,081,906
State Resident (Non-County) Anglers	\$8,998,600	\$2,623,744	\$11,622,344
Out-of-State Anglers	\$9,236,336	\$2,315,635	\$11,551,970
All Anglers	\$21,177,237	\$6,078,983	\$27,256,220

Table 118. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Kings County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	17,865	9,608	\$21,350	\$11,827
Outside County but Within Region 2: New York City	2,522	*	\$0	NA
In-Region Total	20,387	10,490	\$21,350	\$11,827
Region 1: Long Island	0	NA	\$0	NA
Region 3: Lower Hudson Valley	92	92	\$0	NA
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	92	92	\$0	NA
Out of state	2,585	2,424	\$2,657	\$3,543
Total	23,064	10,152	\$24,007	\$12,346

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 119. Species Fished for and Percent of Days in Kings County

Fished primarily for	Percent of Days
Largemouth bass	67
Sunfish	17
Striped bass (freshwater only)	6
No preference	5
Crappie / calico bass	4

Shows only those species at 2% or higher.

Table 120. Mean Distance Traveled and Percent Satisfied in Kings County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	9.1
Percent of anglers fishing in the county who are satisfied	55

Table 121. Kings County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$593,239	\$64,691	\$32,848	\$690,777
Value Added	\$797,772	\$65,685	\$17,014	\$880,472
Labor Income	\$68,303	\$16,412	\$8,827	\$93,542
Employment (Jobs)	2	1	0	3
Indirect Effects				
Output	\$734,883	\$54,379	\$13,127	\$802,389
Value Added	\$393,345	\$29,126	\$6,996	\$429,466
Labor Income	\$238,236	\$17,403	\$4,095	\$259,733
Employment (Jobs)	5	0	0	6
Induced Effects				
Output	\$124,772	\$13,252	\$5,263	\$143,287
Value Added	\$75,009	\$7,963	\$3,164	\$86,136
Labor Income	\$39,746	\$4,220	\$1,677	\$45,643
Employment (Jobs)	1	0	0	1
Total Effects				
Output	\$1,452,894	\$132,321	\$51,238	\$1,636,453
Value Added	\$1,266,126	\$102,774	\$27,174	\$1,396,073
Labor Income	\$346,285	\$38,035	\$14,598	\$398,918
Employment (Jobs)	9	1	0	10

Table 122. Tax Revenue Generated in Kings County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$765,198	\$108,666	\$873,864
State Resident (Non-County) Anglers	\$52,528	\$10,228	\$62,756
Out-of-State Anglers	\$9,018	\$3,345	\$12,363
All Anglers	\$826,744	\$122,239	\$948,984

Table 123. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Lewis County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	32,771	6,048	\$40,129	\$10,350
Outside County but Within Region 6: Western Adirondacks / Eastern Lake Ontario	28,162	*	\$249,458	*
In-Region Total	60,933	7,697	\$289,587	\$138,975
Region 1: Long Island	103	175	\$25,799	\$42,760
Region 2: New York City	0	0	\$0	\$0
Region 3: Lower Hudson Valley	401	354	\$16,026	\$17,403
Region 4: Capital Region / Northern Catskills	1,302	812	\$4,961	\$4,927
Region 5: Eastern Adirondacks / Lake Champlain	496	288	\$52,562	\$42,375
Region 7: Central New York	11,945	3,933	\$129,259	\$83,072
Region 8: Western Finger Lakes	16,709	6,532	\$56,080	\$34,608
Region 9: Western New York	1,267	815	\$56,355	\$50,234
Total of Other Regions	32,223	**	\$341,042	**
Out of state	2,633	1,337	\$84,945	\$42,214
Total	95,871	11,526	\$715,575	\$188,818

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 124. Species Fished for and Percent of Days in Lewis County

Fished primarily for	Percent of Days
Brook trout	26
Largemouth bass	15
Smallmouth bass	15
Brown trout	7
No preference	6
Sunfish	6
Rainbow trout	5
Walleye	4
Bullhead	3
Crappie / calico bass	3
Northern pike	3
Lake trout	2
Pickrel	2
Yellow perch	2
Striped bass (freshwater only)	2

Shows only those species at 2% or higher.

Table 125. Mean Distance Traveled and Percent Satisfied in Lewis County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	50.8
Percent of anglers fishing in the county who are satisfied	59

Table 126. Lewis County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$559,985	\$3,454,352	\$548,360	\$4,562,696
Value Added	\$215,429	\$1,540,000	\$255,866	\$2,011,295
Labor Income	\$112,065	\$636,691	\$107,573	\$856,329
Employment (Jobs)	4	22	3	29
Indirect Effects				
Output	\$51,445	\$303,818	\$47,002	\$402,265
Value Added	\$23,525	\$142,494	\$21,958	\$187,977
Labor Income	\$13,538	\$82,635	\$12,789	\$108,963
Employment (Jobs)	0	3	0	3
Induced Effects				
Output	\$33,250	\$187,638	\$31,508	\$252,396
Value Added	\$19,604	\$110,609	\$18,574	\$148,788
Labor Income	\$7,490	\$42,296	\$7,101	\$56,887
Employment (Jobs)	0	1	0	2
Total Effects				
Output	\$644,680	\$3,945,808	\$626,869	\$5,217,357
Value Added	\$258,558	\$1,793,103	\$296,398	\$2,348,059
Labor Income	\$133,094	\$761,622	\$127,463	\$1,022,179
Employment (Jobs)	5	26	4	35

Table 127. Tax Revenue Generated in Lewis County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$89,472	\$32,789	\$122,260
State Resident (Non-County) Anglers	\$757,493	\$204,547	\$962,039
Out-of-State Anglers	\$119,684	\$33,951	\$153,635
All Anglers	\$966,648	\$271,286	\$1,237,935

Table 128. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Livingston County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	73,373	23,244	\$297,588	\$139,010
Outside County but Within Region 8: Western Finger Lakes	114,818	*	\$566,052	*
In-Region Total	188,191	28,686	\$863,640	\$173,317
Region 1: Long Island	0	NA	\$0	\$
Region 2: New York City	1,021	1,160	\$1,075	\$1,425
Region 3: Lower Hudson Valley	2,199	2,475	\$40,576	\$52,782
Region 4: Capital Region / Northern Catskills	1,732	1,068	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	1,227	681	\$18,574	\$11,849
Region 6: Western Adirondacks / Eastern Lake Ontario	6,001	1,856	\$0	NA
Region 7: Central New York	2,091	1,108	\$400,536	\$333,974
Region 9: Western New York	22,551	5,936	\$524,205	\$322,681
Total of Other Regions	36,822	**	\$984,966	**
Out of state	6,369	4,339	\$224,752	\$143,606
Total	231,540	30,690	\$2,073,996	\$518,770

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 129. Species Fished for and Percent of Days in Livingston County

Fished primarily for	Percent of Days
Largemouth bass	25
Northern pike	21
Smallmouth bass	18
No preference	9
Rainbow trout	5
Sunfish	5
Brown trout	4
Lake trout	3
Yellow perch	3
Walleye	3

Shows only those species at 2% or higher.

Table 130. Mean Distance Traveled and Percent Satisfied in Livingston County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	40.6
Percent of anglers fishing in the county who are satisfied	58

Table 131. Livingston County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$4,861,396	\$8,556,861	\$2,198,604	\$15,616,861
Value Added	\$2,112,480	\$4,169,154	\$1,100,870	\$7,382,503
Labor Income	\$727,448	\$2,213,028	\$532,795	\$3,473,271
Employment (Jobs)	17	56	14	87
Indirect Effects				
Output	\$654,497	\$1,159,173	\$301,206	\$2,114,875
Value Added	\$326,835	\$582,265	\$151,356	\$1,060,457
Labor Income	\$210,699	\$368,023	\$95,874	\$674,596
Employment (Jobs)	5	9	2	17
Induced Effects				
Output	\$297,686	\$860,068	\$197,150	\$1,354,904
Value Added	\$167,043	\$482,806	\$110,618	\$760,467
Labor Income	\$79,472	\$229,496	\$52,639	\$361,606
Employment (Jobs)	2	7	2	11
Total Effects				
Output	\$5,813,580	\$10,576,101	\$2,696,960	\$19,086,640
Value Added	\$2,606,358	\$5,234,226	\$1,362,844	\$9,203,428
Labor Income	\$1,017,619	\$2,810,547	\$681,307	\$4,509,473
Employment (Jobs)	25	73	18	116

Table 132. Tax Revenue Generated in Livingston County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,122,265	\$300,748	\$1,423,013
State Resident (Non-County) Anglers	\$1,556,220	\$676,595	\$2,232,815
Out-of-State Anglers	\$478,587	\$174,104	\$652,691
All Anglers	\$3,157,072	\$1,151,447	\$4,308,519

Table 133. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Madison County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	96,198	15,435	\$200,750	\$80,833
Outside County but Within Region 7: Central New York	58,021	*	\$142,417	*
In-Region Total	154,219	17,446	\$343,167	\$90,433
Region 1: Long Island	661	645	\$3,056	\$3,381
Region 2: New York City	449	491	\$2,243	\$2,302
Region 3: Lower Hudson Valley	2,626	1,713	\$0	\$0
Region 4: Capital Region / Northern Catskills	1,592	1,001	\$2,831	\$3,657
Region 5: Eastern Adirondacks / Lake Champlain	855	735	\$1,283	\$1,206
Region 6: Western Adirondacks / Eastern Lake Ontario	36,626	10,175	\$126,947	\$39,188
Region 8: Western Finger Lakes	8,214	8,307	\$44,307	\$43,021
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	51,023	**	\$180,667	**
Out of state	969	628	\$40,337	\$24,580
Total	206,243	23,232	\$564,298	\$110,420

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 134. Species Fished for and Percent of Days in Madison County

Fished primarily for	Percent of Days
Largemouth bass	34
Brown trout	20
Smallmouth bass	9
Walleye	8
Yellow perch	7
No preference	5
Sunfish	4
Rainbow trout	3
Pickrel	3
Brook trout	3
Northern pike	2

Shows only those species at 2% or higher.

Table 135. Mean Distance Traveled and Percent Satisfied in Madison County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	25.2
Percent of anglers fishing in the county who are satisfied	55

Table 136. Madison County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$2,494,096	\$4,848,265	\$136,283	\$7,478,643
Value Added	\$1,054,859	\$2,057,859	\$64,637	\$3,177,355
Labor Income	\$499,787	\$1,041,970	\$49,350	\$1,591,108
Employment (Jobs)	21	36	2	59
Indirect Effects				
Output	\$400,685	\$688,500	\$17,796	\$1,106,981
Value Added	\$199,532	\$340,713	\$8,871	\$549,115
Labor Income	\$135,037	\$228,801	\$6,162	\$370,000
Employment (Jobs)	4	6	0	10
Induced Effects				
Output	\$219,495	\$429,641	\$18,187	\$667,323
Value Added	\$124,630	\$243,900	\$10,321	\$378,851
Labor Income	\$64,297	\$125,880	\$5,330	\$195,507
Employment (Jobs)	2	4	0	6
Total Effects				
Output	\$3,114,276	\$5,966,405	\$172,266	\$9,252,947
Value Added	\$1,379,021	\$2,642,471	\$83,830	\$4,105,321
Labor Income	\$699,121	\$1,396,652	\$60,842	\$2,156,614
Employment (Jobs)	27	46	2	75

Table 137. Tax Revenue Generated in Madison County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$507,543	\$160,049	\$667,592
State Resident (Non-County) Anglers	\$864,698	\$315,277	\$1,179,975
Out-of-State Anglers	\$14,415	\$12,379	\$26,793
All Anglers	\$1,386,656	\$487,705	\$1,874,360

Table 138. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Monroe County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	739,652	58,630	\$3,371,435	\$613,811
Outside County but Within Region 8: Western Finger Lakes	80,272	*	\$480,471	*
In-Region Total	819,924	57,153	\$3,851,906	\$630,540
Region 1: Long Island	172	240	\$53,318	\$71,266
Region 2: New York City	161	228	\$1,075	\$1,425
Region 3: Lower Hudson Valley	4,721	2,561	\$159,554	\$117,842
Region 4: Capital Region / Northern Catskills	1,782	749	\$147,870	\$151,110
Region 5: Eastern Adirondacks / Lake Champlain	2,803	1,149	\$253,104	\$163,752
Region 6: Western Adirondacks / Eastern Lake Ontario	9,531	1,945	\$0	\$0
Region 7: Central New York	3,259	1,163	\$292,714	\$248,336
Region 9: Western New York	15,125	4,977	\$69,409	\$26,141
Total of Other Regions	37,554	**	\$977,044	**
Out of state	24,624	7,122	\$1,778,778	\$609,390
Total	882,805	60,711	\$6,609,582	\$948,062

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 139. Species Fished for and Percent of Days in Monroe County

Fished primarily for	Percent of Days
Brown trout	18
Largemouth bass	15
No preference	14
Steelhead	11
Yellow perch	10
Coho / Chinook salmon	8
Smallmouth bass	6
Sunfish	3
Walleye	3
Rainbow trout	3
Northern pike	2
Brook trout	2

Shows only those species at 2% or higher.

Table 140. Mean Distance Traveled and Percent Satisfied in Monroe County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	26.5
Percent of anglers fishing in the county who are satisfied	56

Table 141. Monroe County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$42,193,998	\$8,225,507	\$6,784,534	\$57,204,040
Value Added	\$15,449,662	\$3,174,659	\$2,417,325	\$21,041,645
Labor Income	\$7,841,924	\$1,482,955	\$962,222	\$10,287,100
Employment (Jobs)	177	37	25	239
Indirect Effects				
Output	\$10,890,719	\$2,224,990	\$1,881,673	\$14,997,382
Value Added	\$6,687,709	\$1,359,742	\$1,142,766	\$9,190,216
Labor Income	\$4,176,004	\$844,261	\$717,641	\$5,737,906
Employment (Jobs)	62	13	11	87
Induced Effects				
Output	\$8,584,110	\$1,666,972	\$1,205,343	\$11,456,425
Value Added	\$5,253,418	\$1,020,227	\$737,721	\$7,011,367
Labor Income	\$2,898,264	\$562,844	\$406,988	\$3,868,096
Employment (Jobs)	62	12	9	83
Total Effects				
Output	\$61,668,827	\$12,117,470	\$9,871,550	\$83,657,847
Value Added	\$27,390,789	\$5,554,628	\$4,297,811	\$37,243,228
Labor Income	\$14,916,192	\$2,890,060	\$2,086,851	\$19,893,102
Employment (Jobs)	302	62	45	409

Table 142. Tax Revenue Generated in Monroe County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$5,881,160	\$3,703,092	\$9,584,252
State Resident (Non-County) Anglers	\$1,287,780	\$731,300	\$2,019,080
Out-of-State Anglers	\$1,101,595	\$544,738	\$1,646,333
All Anglers	\$8,270,535	\$4,979,130	\$13,249,665

Table 143. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Montgomery County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	25,360	10,845	\$6,819	\$5,000
Outside County but Within Region 4: Capital Region / Northern Catskills	4,781	*	\$9,522	*
In-Region Total	30,141	9,872	\$16,341	\$7,226
Region 1: Long Island	65	113	\$487	\$831
Region 2: New York City	0	NA	\$0	NA
Region 3: Lower Hudson Valley	102	97	\$10,173	\$9,805
Region 5: Eastern Adirondacks / Lake Champlain	12,593	4,768	\$189,275	\$119,529
Region 6: Western Adirondacks / Eastern Lake Ontario	975	378	\$10,421	\$4,255
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	13,735	**	\$210,356	**
Out of state	1,242	1,143	\$27,931	\$29,833
Total	45,118	12,262	\$254,628	\$123,868

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 144. Species Fished for and Percent of Days in Montgomery County

Fished primarily for	Percent of Days
Walleye	32
Smallmouth bass	24
Largemouth bass	17
No preference	16
Sunfish	3
Channel catfish	2
Crappie / calico bass	2

Shows only those species at 2% or higher.

Table 145. Mean Distance Traveled and Percent Satisfied in Montgomery County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	30.1
Percent of anglers fishing in the county who are satisfied	62

Table 146. Montgomery County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$700,450	\$3,806,407	\$183,312	\$4,690,170
Value Added	\$270,142	-\$54,994	\$40,586	\$255,733
Labor Income	\$350,201	\$3,522,971	\$75,862	\$3,949,034
Employment (Jobs)	6	45	1	52
Indirect Effects				
Output	\$142,620	\$1,125,282	\$42,531	\$1,310,433
Value Added	\$71,051	\$551,926	\$21,214	\$644,191
Labor Income	\$45,185	\$379,192	\$13,832	\$438,209
Employment (Jobs)	1	9	0	11
Induced Effects				
Output	\$129,395	\$1,257,932	\$29,322	\$1,416,649
Value Added	\$73,846	\$717,855	\$16,734	\$808,435
Labor Income	\$39,958	\$388,517	\$9,055	\$437,530
Employment (Jobs)	1	10	0	12
Total Effects				
Output	\$972,465	\$6,189,621	\$255,165	\$7,417,251
Value Added	\$415,039	\$1,214,787	\$78,534	\$1,708,359
Labor Income	\$435,344	\$4,290,681	\$98,748	\$4,824,773
Employment (Jobs)	8	64	2	74

Table 147. Tax Revenue Generated in Montgomery County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$260,285	\$82,941	\$343,226
State Resident (Non-County) Anglers	\$3,277,704	\$695,871	\$3,973,575
Out-of-State Anglers	\$86,160	\$18,414	\$104,574
All Anglers	\$3,624,150	\$797,226	\$4,421,376

Table 148. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Nassau County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	101,845	19,500	\$223,226	\$161,762
Outside County but Within Region 1: Long Island	8,433	*	\$27,454	*
In-Region Total	110,278	19,774	\$250,680	\$162,703
Region 2: New York City	6,598	2,932	\$27,925	\$17,123
Region 3: Lower Hudson Valley	433	313	\$10,544	\$13,685
Region 4: Capital Region / Northern Catskills	127	98	\$1,273	\$1,097
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	7,158	**	\$39,742	**
Out of state	5,002	5,215	\$3,518	\$2,749
Total	122,438	20,696	\$293,939	\$164,197

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 149. Species Fished for and Percent of Days in Nassau County

Fished primarily for	Percent of Days
Largemouth bass	50
No preference	17
Pickrel	10
Brown trout	5
Sunfish	4
Carp	3
Yellow perch	3
Rainbow trout	2
Brook trout	2

Shows only those species at 2% or higher.

Table 150. Mean Distance Traveled and Percent Satisfied in Nassau County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	12.5
Percent of anglers fishing in the county who are satisfied	43

Table 151. Nassau County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$5,393,526	\$2,494,347	\$120,026	\$8,007,900
Value Added	\$2,240,803	\$1,044,103	\$66,413	\$3,351,318
Labor Income	\$1,580,438	\$747,233	\$45,267	\$2,372,939
Employment (Jobs)	27	13	1	41
Indirect Effects				
Output	\$1,457,775	\$687,434	\$36,118	\$2,181,326
Value Added	\$913,823	\$430,993	\$22,568	\$1,367,383
Labor Income	\$589,074	\$278,423	\$14,221	\$881,718
Employment (Jobs)	8	4	0	12
Induced Effects				
Output	\$1,150,061	\$545,267	\$31,136	\$1,726,464
Value Added	\$735,823	\$348,883	\$19,917	\$1,104,624
Labor Income	\$428,724	\$203,269	\$11,606	\$643,600
Employment (Jobs)	8	4	0	12
Total Effects				
Output	\$8,001,363	\$3,727,048	\$187,280	\$11,915,690
Value Added	\$3,890,449	\$1,823,979	\$108,898	\$5,823,325
Labor Income	\$2,598,237	\$1,228,926	\$71,094	\$3,898,257
Employment (Jobs)	42	20	1	64

Table 152. Tax Revenue Generated in Nassau County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$599,147	\$531,146	\$1,130,293
State Resident (Non-County) Anglers	\$275,906	\$250,414	\$526,320
Out-of-State Anglers	\$15,345	\$14,678	\$30,022
All Anglers	\$890,398	\$796,237	\$1,686,635

Table 153. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in New York County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	8,180	3,832	\$12,321	\$7,422
Outside County but Within Region 2: New York City	2,657	*	\$1,942	*
In-Region Total	10,837	4,447	\$14,263	\$7,605
Region 1: Long Island	1,622	2,828	\$0	NA
Region 3: Lower Hudson Valley	314	346	\$3,342	\$3,974
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	1,936	**	\$3,342	**
Out of state	3,407	1,554	\$23,346	\$17,750
Total	16,180	5,265	\$40,952	\$19,714

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 154. Species Fished for and Percent of Days in New York County

Fished primarily for	Percent of Days
Largemouth bass	38
No preference	23
Striped bass (freshwater only)	22
Sunfish	15

Shows only those species at 2% or higher.

Table 155. Mean Distance Traveled and Percent Satisfied in New York County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	66.4
Percent of anglers fishing in the county who are satisfied	52

Table 156. New York County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$815,918	\$68,852	\$588,142	\$1,472,912
Value Added	\$495,597	\$38,264	\$192,840	\$726,700
Labor Income	\$360,173	\$28,137	\$105,447	\$493,757
Employment (Jobs)	6	0	3	9
Indirect Effects				
Output	\$245,782	\$21,327	\$154,336	\$421,445
Value Added	\$180,879	\$15,656	\$113,166	\$309,701
Labor Income	\$117,804	\$10,103	\$74,104	\$202,010
Employment (Jobs)	1	0	1	1
Induced Effects				
Output	\$88,080	\$6,837	\$37,969	\$132,887
Value Added	\$62,849	\$4,879	\$27,097	\$94,824
Labor Income	\$38,243	\$2,968	\$16,495	\$57,705
Employment (Jobs)	0	0	0	1
Total Effects				
Output	\$1,149,781	\$97,016	\$780,447	\$2,027,244
Value Added	\$739,324	\$58,798	\$333,103	\$1,131,225
Labor Income	\$516,219	\$41,208	\$196,046	\$753,473
Employment (Jobs)	7	1	4	11

Table 157. Tax Revenue Generated in New York County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$98,521	\$82,933	\$181,454
State Resident (Non-County) Anglers	\$8,725	\$6,587	\$15,312
Out-of-State Anglers	\$56,311	\$34,622	\$90,933
All Anglers	\$163,557	\$124,142	\$287,699

Table 158. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Niagara County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	217,507	24,308	\$1,353,349	\$395,239
Outside County but Within Region 9: Western New York	127,189	*	\$1,795,251	*
In-Region Total	344,696	26,250	\$3,148,600	\$533,173
Region 1: Long Island	4,441	3,596	\$155,603	\$118,571
Region 2: New York City	9,482	8,833	\$30,496	\$35,011
Region 3: Lower Hudson Valley	1,527	729	\$394,480	\$215,345
Region 4: Capital Region / Northern Catskills	1,591	736	\$229,033	\$152,283
Region 5: Eastern Adirondacks / Lake Champlain	1,604	1,379	\$160,366	\$150,765
Region 6: Western Adirondacks / Eastern Lake Ontario	1,789	692	\$88,054	\$44,868
Region 7: Central New York	1,924	816	\$220,625	\$136,653
Region 8: Western Finger Lakes	7,792	2,445	\$285,546	\$120,785
Total of Other Regions	30,150	**	\$1,564,203	**
Out of state	58,424	7,827	\$6,956,943	\$1,078,870
Total	433,307	30,215	\$11,669,993	\$1,260,030

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 159. Species Fished for and Percent of Days in Niagara County

Fished primarily for	Percent of Days
Coho / Chinook salmon	23
Steelhead	18
Smallmouth bass	15
Largemouth bass	10
Brown trout	7
No preference	6
Landlocked Atlantic salmon	4
Lake trout	4
Sunfish	4
Rainbow trout	3
Walleye	2
Muskie	2

Shows only those species at 2% or higher.

Table 160. Mean Distance Traveled and Percent Satisfied in Niagara County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	92.3
Percent of anglers fishing in the county who are satisfied	64

Table 161. Niagara County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$11,093,440	\$13,706,269	\$22,541,916	\$47,341,626
Value Added	\$5,154,526	\$5,511,380	\$9,078,218	\$19,744,123
Labor Income	\$2,457,071	\$2,766,474	\$3,663,037	\$8,886,582
Employment (Jobs)	59	78	97	234
Indirect Effects				
Output	\$1,223,594	\$1,656,347	\$2,603,740	\$5,483,681
Value Added	\$671,846	\$892,700	\$1,417,252	\$2,981,798
Labor Income	\$414,100	\$550,458	\$876,292	\$1,840,851
Employment (Jobs)	10	14	22	46
Induced Effects				
Output	\$1,052,551	\$1,233,171	\$1,690,890	\$3,976,612
Value Added	\$619,725	\$726,175	\$995,731	\$2,341,631
Labor Income	\$312,284	\$365,799	\$501,561	\$1,179,644
Employment (Jobs)	9	10	14	32
Total Effects				
Output	\$13,369,584	\$16,595,788	\$26,836,546	\$56,801,918
Value Added	\$6,446,097	\$7,130,255	\$11,491,201	\$25,067,552
Labor Income	\$3,183,456	\$3,682,731	\$5,040,889	\$11,907,077
Employment (Jobs)	77	102	133	312

Table 162. Tax Revenue Generated in Niagara County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$2,100,070	\$754,953	\$2,855,023
State Resident (Non-County) Anglers	\$2,198,359	\$856,022	\$3,054,381
Out-of-State Anglers	\$4,039,775	\$1,242,220	\$5,281,995
All Anglers	\$8,338,204	\$2,853,195	\$11,191,399

Table 163. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Oneida County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	361,513	31,127	\$1,384,983	\$254,558
Outside County but Within Region 6: Western Adirondacks / Eastern Lake Ontario	8,599	*	\$84,223	*
In-Region Total	370,112	28,718	\$1,469,206	\$260,856
Region 1: Long Island	850	963	\$64,883	\$110,735
Region 2: New York City	1,500	1,026	\$36,637	\$28,034
Region 3: Lower Hudson Valley	4,599	1,974	\$226,215	\$113,038
Region 4: Capital Region / Northern Catskills	5,612	2,149	\$68,230	\$25,839
Region 5: Eastern Adirondacks / Lake Champlain	4,888	3,266	\$1,103	\$5,206
Region 7: Central New York	97,238	20,148	\$663,942	\$186,292
Region 8: Western Finger Lakes	13,535	3,902	\$152,020	\$56,575
Region 9: Western New York	3,937	1,269	\$212,823	\$75,952
Total of Other Regions	132,159	**	\$1,425,853	**
Out of state	26,662	8,984	\$854,553	\$251,954
Total	528,956	39,330	\$3,749,712	\$448,615

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 164. Species Fished for and Percent of Days in Oneida County	
Fished primarily for	Percent of Days
Walleye	30
No preference	16
Smallmouth bass	13
Largemouth bass	11
Brook trout	9
Brown trout	8
Yellow perch	4
Pickrel	2
Rainbow trout	2
Sunfish	2
Northern pike	2

Shows only those species at 2% or higher.

Table 165. Mean Distance Traveled and Percent Satisfied in Oneida County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	43.7
Percent of anglers fishing in the county who are satisfied	52

Table 166. Oneida County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$14,698,380	\$30,964,493	\$7,040,741	\$52,703,613
Value Added	\$6,731,364	\$12,770,597	\$3,184,311	\$22,686,272
Labor Income	\$3,325,017	\$7,184,656	\$1,447,859	\$11,957,533
Employment (Jobs)	84	150	38	272
Indirect Effects				
Output	\$3,029,721	\$5,248,127	\$1,584,243	\$9,862,091
Value Added	\$1,604,291	\$2,760,044	\$841,312	\$5,205,647
Labor Income	\$1,040,684	\$1,776,529	\$549,979	\$3,367,192
Employment (Jobs)	21	36	11	69
Induced Effects				
Output	\$2,362,174	\$4,830,524	\$1,082,085	\$8,274,783
Value Added	\$1,365,130	\$2,791,464	\$625,360	\$4,781,954
Labor Income	\$740,132	\$1,513,579	\$339,044	\$2,592,755
Employment (Jobs)	18	36	8	62
Total Effects				
Output	\$20,090,274	\$41,043,143	\$9,707,069	\$70,840,487
Value Added	\$9,700,786	\$18,322,104	\$4,650,983	\$32,673,873
Labor Income	\$5,105,833	\$10,474,764	\$2,336,882	\$17,917,480
Employment (Jobs)	124	222	57	403

Table 167. Tax Revenue Generated in Oneida County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$2,905,790	\$1,169,663	\$4,075,453
State Resident (Non-County) Anglers	\$4,334,586	\$2,344,151	\$6,678,737
Out-of-State Anglers	\$1,560,792	\$542,799	\$2,103,592
All Anglers	\$8,801,168	\$4,056,613	\$12,857,781

Table 168. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Onondaga County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	413,360	36,275	\$1,824,700	\$848,653
Outside County but Within Region 7: Central New York	46,438	*	\$258,361	*
In-Region Total	459,798	34,124	\$2,083,061	\$851,646
Region 1: Long Island	211	288	\$15,794	\$21,160
Region 2: New York City	3,621	2,599	\$221,547	\$199,058
Region 3: Lower Hudson Valley	1,576	1,133	\$29,799	\$28,379
Region 4: Capital Region / Northern Catskills	959	1,163	\$146	\$742
Region 5: Eastern Adirondacks / Lake Champlain	210	223	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	772	350	\$34,633	\$23,283
Region 8: Western Finger Lakes	12,840	4,095	\$217,630	\$85,732
Region 9: Western New York	1,443	710	\$51,479	\$41,261
Total of Other Regions	21,632	**	\$571,028	**
Out of state	31,215	14,491	\$366,276	\$137,676
Total	512,650	39,910	\$3,020,388	\$891,362

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 169. Species Fished for and Percent of Days in Onondaga County	
Fished primarily for	Percent of Days
Largemouth bass	21
No preference	19
Brown trout	14
Smallmouth bass	9
Walleye	9
Rainbow trout	5
Brook trout	4
Yellow perch	4
Northern pike	3
Channel catfish	2
Tiger muskellunge	2
Sunfish	2

Shows only those species at 2% or higher.

Table 170. Mean Distance Traveled and Percent Satisfied in Onondaga County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	36.1
Percent of anglers fishing in the county who are satisfied	56

Table 171. Onondaga County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$13,329,016	\$8,733,823	\$4,539,817	\$26,602,656
Value Added	\$5,711,118	\$3,915,166	\$2,092,600	\$11,718,884
Labor Income	\$2,957,264	\$2,127,944	\$1,155,402	\$6,240,610
Employment (Jobs)	73	45	25	143
Indirect Effects				
Output	\$3,786,115	\$2,420,522	\$1,266,252	\$7,472,889
Value Added	\$2,228,584	\$1,424,925	\$746,427	\$4,399,937
Labor Income	\$1,427,912	\$906,893	\$475,114	\$2,809,919
Employment (Jobs)	24	15	8	47
Induced Effects				
Output	\$2,961,625	\$2,042,032	\$1,097,997	\$6,101,654
Value Added	\$1,798,933	\$1,240,291	\$666,910	\$3,706,134
Labor Income	\$1,008,727	\$695,493	\$373,968	\$2,078,188
Employment (Jobs)	21	15	8	44
Total Effects				
Output	\$20,076,756	\$13,196,376	\$6,904,066	\$40,177,198
Value Added	\$9,738,636	\$6,580,382	\$3,505,937	\$19,824,955
Labor Income	\$5,393,903	\$3,730,330	\$2,004,483	\$11,128,717
Employment (Jobs)	118	75	41	234

Table 172. Tax Revenue Generated in Onondaga County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$2,375,392	\$1,315,335	\$3,690,727
State Resident (Non-County) Anglers	\$1,505,831	\$899,372	\$2,405,203
Out-of-State Anglers	\$781,665	\$480,913	\$1,262,578
All Anglers	\$4,662,887	\$2,695,620	\$7,358,507

Table 173. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Ontario County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	103,267	20,525	\$323,652	\$94,523
Outside County but Within Region 8: Western Finger Lakes	129,234	*	\$1,066,455	*
In-Region Total	232,501	24,056	\$1,390,107	\$219,346
Region 1: Long Island	0	NA	\$0	NA
Region 2: New York City	3,117	2,820	\$35,942	\$31,318
Region 3: Lower Hudson Valley	0	NA	\$0	\$0
Region 4: Capital Region / Northern Catskills	981	738	\$1,175	\$1,666
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	1,466	611	\$13,560	\$11,320
Region 7: Central New York	3,969	1,322	\$30,148	\$12,979
Region 9: Western New York	15,527	3,202	\$382,795	\$148,836
Total of Other Regions	25,060	**	\$463,620	**
Out of state	6,822	2,165	\$268,808	\$135,294
Total	264,497	25,404	\$2,122,790	\$299,578

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 174. Species Fished for and Percent of Days in Ontario County	
Fished primarily for	Percent of Days
Largemouth bass	24
Smallmouth bass	14
Yellow perch	12
Rainbow trout	10
No preference	9
Sunfish	8
Lake trout	6
Brown trout	6
Walleye	4
Northern pike	3
Crappie / calico bass	3

Shows only those species at 2% or higher.

Table 175. Mean Distance Traveled and Percent Satisfied in Ontario County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	40.5
Percent of anglers fishing in the county who are satisfied	59

Table 176. Ontario County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$7,879,558	\$9,127,595	\$1,125,834	\$18,132,987
Value Added	\$3,026,289	\$4,084,970	\$469,694	\$7,580,953
Labor Income	\$1,716,551	\$2,104,720	\$138,036	\$3,959,307
Employment (Jobs)	46	60	5	111
Indirect Effects				
Output	\$1,332,339	\$1,629,256	\$233,945	\$3,195,540
Value Added	\$792,190	\$965,889	\$139,172	\$1,897,251
Labor Income	\$510,611	\$636,468	\$95,110	\$1,242,188
Employment (Jobs)	9	11	2	21
Induced Effects				
Output	\$856,382	\$1,065,655	\$92,244	\$2,014,282
Value Added	\$507,224	\$631,253	\$54,653	\$1,193,129
Labor Income	\$267,312	\$332,627	\$28,791	\$628,730
Employment (Jobs)	7	8	1	16
Total Effects				
Output	\$10,068,279	\$11,822,506	\$1,452,023	\$23,342,808
Value Added	\$4,325,702	\$5,682,112	\$663,519	\$10,671,333
Labor Income	\$2,494,474	\$3,073,814	\$261,937	\$5,830,225
Employment (Jobs)	62	79	7	148

Table 177. Tax Revenue Generated in Ontario County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,054,793	\$551,810	\$1,606,603
State Resident (Non-County) Anglers	\$1,567,524	\$697,704	\$2,265,228
Out-of-State Anglers	\$294,544	\$68,868	\$363,412
All Anglers	\$2,916,861	\$1,318,382	\$4,235,243

Table 178. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Orange County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	201,524	29,064	\$542,278	\$141,698
Outside County but Within Region 3: Lower Hudson Valley	64,269	*	\$482,422	*
In-Region Total	265,793	30,794	\$1,024,700	\$260,037
Region 1: Long Island	2,046	942	\$69,814	\$53,586
Region 2: New York City	46,986	15,632	\$225,791	\$60,944
Region 4: Capital Region / Northern Catskills	1,335	711	\$3,679	\$3,159
Region 5: Eastern Adirondacks / Lake Champlain	132	144	\$1,647	\$1,972
Region 6: Western Adirondacks / Eastern Lake Ontario	4,907	3,736	\$6,756	\$4,376
Region 7: Central New York	617	510	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	59,375	**	\$307,687	**
Out of state	27,362	6,324	\$278,330	\$90,098
Total	349,190	35,756	\$1,610,971	\$286,871

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 179. Species Fished for and Percent of Days in Orange County	
Fished primarily for	Percent of Days
Largemouth bass	35
Brown trout	13
Smallmouth bass	10
No preference	9
Sunfish	7
Striped bass (freshwater only)	7
Rainbow trout	6
Brook trout	3
Channel catfish	2

Shows only those species at 2% or higher.

Table 180. Mean Distance Traveled and Percent Satisfied in Orange County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	29.1
Percent of anglers fishing in the county who are satisfied	52

Table 181. Orange County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$10,586,495	\$6,280,882	\$2,418,855	\$19,286,232
Value Added	\$3,602,685	\$2,777,162	\$1,115,375	\$7,495,222
Labor Income	\$2,121,754	\$1,556,767	\$612,708	\$4,291,229
Employment (Jobs)	48	34	13	95
Indirect Effects				
Output	\$2,582,770	\$1,629,964	\$669,866	\$4,882,601
Value Added	\$1,443,026	\$901,699	\$370,408	\$2,715,133
Labor Income	\$867,548	\$551,921	\$227,727	\$1,647,195
Employment (Jobs)	17	11	5	33
Induced Effects				
Output	\$1,560,943	\$1,111,821	\$445,591	\$3,118,355
Value Added	\$929,025	\$661,823	\$265,266	\$1,856,114
Labor Income	\$493,428	\$351,465	\$140,860	\$985,754
Employment (Jobs)	12	8	3	23
Total Effects				
Output	\$14,730,208	\$9,022,667	\$3,534,312	\$27,287,188
Value Added	\$5,974,736	\$4,340,684	\$1,751,049	\$12,066,469
Labor Income	\$3,482,730	\$2,460,152	\$981,295	\$6,924,178
Employment (Jobs)	77	54	21	152

Table 182. Tax Revenue Generated in Orange County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,489,756	\$770,555	\$2,260,311
State Resident (Non-County) Anglers	\$1,183,447	\$548,256	\$1,731,703
Out-of-State Anglers	\$513,533	\$219,199	\$732,732
All Anglers	\$3,186,736	\$1,538,009	\$4,724,746

Table 183. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Orleans County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	64,370	15,660	\$50,071	\$25,495
Outside County but Within Region 8: Western Finger Lakes	48,935	*	\$470,410	*
In-Region Total	113,305	25,398	\$520,481	\$190,673
Region 1: Long Island	172	291	\$20,639	\$34,208
Region 2: New York City	1,606	1,380	\$48,787	\$45,390
Region 3: Lower Hudson Valley	1,948	1,118	\$10,184	\$5,995
Region 4: Capital Region / Northern Catskills	2,107	1,659	\$352,170	\$369,868
Region 5: Eastern Adirondacks / Lake Champlain	1,242	744	\$350,755	\$231,691
Region 6: Western Adirondacks / Eastern Lake Ontario	2,003	1,848	\$60,098	\$58,372
Region 7: Central New York	1,364	661	\$95,550	\$61,577
Region 9: Western New York	22,644	5,471	\$183,459	\$79,987
Total of Other Regions	33,086	**	\$1,121,642	**
Out of state	49,886	5,835	\$3,341,491	\$494,938
Total	196,277	27,490	\$4,983,613	\$698,634

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 184. Species Fished for and Percent of Days in Orleans County	
Fished primarily for	Percent of Days
Coho / Chinook salmon	23
Brown trout	20
Largemouth bass	18
Steelhead	14
No preference	9
Smallmouth bass	5
Yellow perch	3
Landlocked Atlantic salmon	2
Crappie / calico bass	2
Sunfish	2

Shows only those species at 2% or higher.

Table 185. Mean Distance Traveled and Percent Satisfied in Orleans County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	154.4
Percent of anglers fishing in the county who are satisfied	62

Table 186. Orleans County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$1,437,923	\$5,486,025	\$16,283,954	\$23,207,903
Value Added	\$717,608	\$2,059,959	\$6,170,769	\$8,948,335
Labor Income	\$324,300	\$752,981	\$1,950,524	\$3,027,805
Employment (Jobs)	15	42	150	207
Indirect Effects				
Output	\$223,662	\$842,029	\$2,653,983	\$3,719,674
Value Added	\$112,517	\$419,821	\$1,320,870	\$1,853,208
Labor Income	\$79,751	\$296,376	\$938,214	\$1,314,341
Employment (Jobs)	2	7	24	33
Induced Effects				
Output	\$105,749	\$273,517	\$682,550	\$1,061,817
Value Added	\$63,276	\$163,660	\$408,385	\$635,321
Labor Income	\$31,002	\$80,193	\$200,593	\$311,789
Employment (Jobs)	1	2	5	8
Total Effects				
Output	\$1,767,334	\$6,601,571	\$19,620,488	\$27,989,393
Value Added	\$893,401	\$2,643,440	\$7,900,024	\$11,436,864
Labor Income	\$435,053	\$1,129,550	\$3,089,331	\$4,653,934
Employment (Jobs)	18	51	179	248

Table 187. Tax Revenue Generated in Orleans County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$334,460	\$99,124	\$433,585
State Resident (Non-County) Anglers	\$1,187,630	\$273,229	\$1,460,859
Out-of-State Anglers	\$3,588,672	\$786,853	\$4,375,526
All Anglers	\$5,110,762	\$1,159,206	\$6,269,969

Table 188. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Oswego County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	212,519	31,015	\$758,043	\$142,281
Outside County but Within Region 7: Central New York	406,339	*	\$3,866,464	*
In-Region Total	618,858	45,025	\$4,624,507	\$607,476
Region 1: Long Island	17,017	7,645	\$748,640	\$339,568
Region 2: New York City	9,750	5,039	\$624,816	\$217,520
Region 3: Lower Hudson Valley	33,902	7,038	\$2,728,340	\$527,991
Region 4: Capital Region / Northern Catskills	44,978	8,563	\$1,759,546	\$422,201
Region 5: Eastern Adirondacks / Lake Champlain	27,596	6,079	\$1,534,231	\$422,974
Region 6: Western Adirondacks / Eastern Lake Ontario	62,915	7,551	\$665,800	\$170,004
Region 8: Western Finger Lakes	37,273	10,613	\$1,126,322	\$310,493
Region 9: Western New York	8,897	2,563	\$353,018	\$136,490
Total of Other Regions	242,328	**	\$9,540,713	**
Out of state	238,438	21,973	***\$18,443,121	\$1,580,723
Total	1,099,754	57,219	\$32,610,695	\$1,944,224

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

***This was checked for outliers; there were none. The survey simply recorded a high amount of spending by out-of-state anglers in Oswego.

Table 189. Species Fished for and Percent of Days in Oswego County

Fished primarily for	Percent of Days
Walleye	23
Coho / Chinook salmon	20
Steelhead	17
No preference	9
Smallmouth bass	8
Largemouth bass	6
Yellow perch	4
Landlocked Atlantic salmon	3
Brown trout	2
Brook trout	2

Shows only those species at 2% or higher.

Table 190. Mean Distance Traveled and Percent Satisfied in Oswego County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	132.5
Percent of anglers fishing in the county who are satisfied	62

Table 191. Oswego County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$7,389,264	\$85,041,176	\$73,265,606	\$165,696,046
Value Added	\$3,453,785	\$28,699,238	\$27,197,132	\$59,350,155
Labor Income	\$1,740,269	\$7,347,209	\$9,839,711	\$18,927,189
Employment (Jobs)	56	281	358	694
Indirect Effects				
Output	\$856,618	\$9,563,022	\$8,405,203	\$18,824,842
Value Added	\$413,135	\$4,631,693	\$4,061,654	\$9,106,482
Labor Income	\$238,052	\$2,787,822	\$2,405,800	\$5,431,673
Employment (Jobs)	8	89	77	173
Induced Effects				
Output	\$664,730	\$3,421,387	\$4,127,691	\$8,213,809
Value Added	\$383,686	\$1,974,947	\$2,382,613	\$4,741,246
Labor Income	\$173,915	\$895,066	\$1,079,873	\$2,148,855
Employment (Jobs)	5	28	33	67
Total Effects				
Output	\$8,910,612	\$98,025,585	\$85,798,500	\$192,734,697
Value Added	\$4,250,607	\$35,305,878	\$33,641,398	\$73,197,883
Labor Income	\$2,152,236	\$11,030,097	\$13,325,384	\$26,507,717
Employment (Jobs)	69	397	468	934

Table 192. Tax Revenue Generated in Oswego County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,395,113	\$521,524	\$1,916,637
State Resident (Non-County) Anglers	\$18,730,243	\$3,414,259	\$22,144,502
Out-of-State Anglers	\$15,039,500	\$3,630,925	\$18,670,426
All Anglers	\$35,164,856	\$7,566,709	\$42,731,565

Table 193. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Otsego County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	111,025	31,706	\$253,366	\$87,731
Outside County but Within Region 4: Capital Region / Northern Catskills	40,286	*	\$196,312	*
In-Region Total	151,311	30,153	\$449,678	\$106,006
Region 1: Long Island	4,445	3,525	\$137,354	\$145,753
Region 2: New York City	3,237	1,886	\$101,791	\$100,123
Region 3: Lower Hudson Valley	1,785	1,077	\$18,307	\$13,463
Region 5: Eastern Adirondacks / Lake Champlain	6,813	2,624	\$24,481	\$17,178
Region 6: Western Adirondacks / Eastern Lake Ontario	28,909	8,036	\$201,696	\$77,296
Region 7: Central New York	4,175	1,235	\$22,437	\$9,012
Region 8: Western Finger Lakes	585	513	\$58,459	\$52,554
Region 9: Western New York	3,740	1,986	\$11,528	\$7,380
Total of Other Regions	53,689	**	\$576,053	**
Out of state	16,837	7,516	\$746,769	\$603,882
Total	221,883	36,047	\$1,773,235	\$645,316

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 194. Species Fished for and Percent of Days in Otsego County

Fished primarily for	Percent of Days
Largemouth bass	24
Smallmouth bass	18
Brown trout	12
No preference	10
Brook trout	8
Walleye	8
Yellow perch	8
Lake trout	4
Sunfish	3

Shows only those species at 2% or higher.

Table 195. Mean Distance Traveled and Percent Satisfied in Otsego County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	47.0
Percent of anglers fishing in the county who are satisfied	56

Table 196. Otsego County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$2,380,679	\$5,103,976	\$48,880,312	\$56,364,967
Value Added	\$1,001,692	\$2,128,919	\$18,390,444	\$21,521,055
Labor Income	\$543,208	\$1,086,861	\$324,681	\$1,954,750
Employment (Jobs)	14	27	10	51
Indirect Effects				
Output	\$308,243	\$690,418	\$8,100,085	\$9,098,746
Value Added	\$156,227	\$347,032	\$4,199,398	\$4,702,657
Labor Income	\$90,848	\$202,720	\$2,594,923	\$2,888,491
Employment (Jobs)	2	5	67	74
Induced Effects				
Output	\$303,805	\$618,440	\$1,448,428	\$2,370,672
Value Added	\$176,344	\$358,976	\$840,958	\$1,376,278
Labor Income	\$93,607	\$190,550	\$446,105	\$730,262
Employment (Jobs)	2	5	12	19
Total Effects				
Output	\$2,992,727	\$6,412,834	\$58,428,825	\$67,834,386
Value Added	\$1,334,262	\$2,834,927	\$23,430,800	\$27,599,989
Labor Income	\$727,663	\$1,480,131	\$3,365,710	\$5,573,504
Employment (Jobs)	18	37	88	144

Table 197. Tax Revenue Generated in Otsego County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$364,709	\$171,109	\$535,818
State Resident (Non-County) Anglers	\$823,124	\$355,104	\$1,178,228
Out-of-State Anglers	\$17,963,724	\$1,898,604	\$19,862,329
All Anglers	\$19,151,557	\$2,424,817	\$21,576,375

Table 198. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Putnam County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	107,857	17,142	\$138,053	\$37,616
Outside County but Within Region 3: Lower Hudson Valley	98,680	*	\$732,892	*
In-Region Total	206,537	24,083	\$870,945	\$264,157
Region 1: Long Island	4,777	2,519	\$58,551	\$44,391
Region 2: New York City	25,133	7,047	\$147,201	\$64,065
Region 4: Capital Region / Northern Catskills	848	816	\$6,003	\$7,531
Region 5: Eastern Adirondacks / Lake Champlain	1,710	843	\$4,386	\$3,334
Region 6: Western Adirondacks / Eastern Lake Ontario	601	554	\$20,033	\$19,457
Region 7: Central New York	2,122	1,067	\$17,729	\$11,312
Region 8: Western Finger Lakes	229	186	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	35,420	**	\$253,903	**
Out of state	24,609	9,288	\$108,524	\$75,012
Total	266,602	27,459	\$1,233,372	\$286,396

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 199. Species Fished for and Percent of Days in Putnam County

Fished primarily for	Percent of Days
Largemouth bass	32
Brown trout	27
Smallmouth bass	12
Rainbow trout	8
No preference	6
Walleye	4
Crappie / calico bass	4
Sunfish	3
Brook trout	2
Yellow perch	2

Shows only those species at 2% or higher.

Table 200. Mean Distance Traveled and Percent Satisfied in Putnam County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	23.4
Percent of anglers fishing in the county who are satisfied	59

Table 201. Putnam County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$2,215,065	\$15,357,335	\$4,451,305	\$22,023,704
Value Added	\$1,035,226	\$5,942,923	\$1,656,474	\$8,634,623
Labor Income	\$585,674	\$1,772,659	\$327,636	\$2,685,970
Employment (Jobs)	17	58	11	86
Indirect Effects				
Output	\$476,057	\$3,093,719	\$873,021	\$4,442,798
Value Added	\$244,594	\$1,597,565	\$453,760	\$2,295,918
Labor Income	\$148,570	\$1,022,759	\$297,428	\$1,468,757
Employment (Jobs)	4	24	7	35
Induced Effects				
Output	\$176,299	\$689,034	\$155,938	\$1,021,271
Value Added	\$103,022	\$402,782	\$91,169	\$596,974
Labor Income	\$53,122	\$207,638	\$46,994	\$307,754
Employment (Jobs)	1	5	1	8
Total Effects				
Output	\$2,867,421	\$19,140,088	\$5,480,264	\$27,487,773
Value Added	\$1,382,842	\$7,943,269	\$2,201,404	\$11,527,515
Labor Income	\$787,366	\$3,003,057	\$672,058	\$4,462,481
Employment (Jobs)	22	87	19	128

Table 202. Tax Revenue Generated in Putnam County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$387,634	\$151,484	\$539,117
State Resident (Non-County) Anglers	\$3,938,716	\$658,208	\$4,596,924
Out-of-State Anglers	\$1,308,044	\$159,805	\$1,467,849
All Anglers	\$5,634,393	\$969,496	\$6,603,890

Table 203. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Queens County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	2,644	1,231	\$4,680	\$6,340
Outside County but Within Region 2: New York City	3,197	*	\$46,421	*
In-Region Total	5,841	3,130	\$51,101	\$39,302
Region 1: Long Island	929	1,573	\$0	NA
Region 3: Lower Hudson Valley	2,442	2,221	\$0	NA
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	3,371	**	\$0	NA
Out of state	485	500	\$2,657	\$3,543
Total	9,697	4,042	\$53,758	\$39,461

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 204. Species Fished for and Percent of Days in Queens County	
Fished primarily for	Percent of Days
No preference	50
Carp	40
Pickrel	6
Largemouth bass	3

Shows only those species at 2% or higher.

Table 205. Mean Distance Traveled and Percent Satisfied in Queens County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	8.5
Percent of anglers fishing in the county who are satisfied	47

Table 206. Queens County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$135,351	\$1,841,587	\$35,231	\$2,012,169
Value Added	\$46,031	\$921,954	\$16,322	\$984,307
Labor Income	\$18,040	\$678,021	\$8,460	\$704,521
Employment (Jobs)	1	14	0	15
Indirect Effects				
Output	\$33,582	\$466,791	\$9,978	\$510,352
Value Added	\$18,699	\$267,021	\$5,679	\$291,399
Labor Income	\$10,858	\$150,734	\$3,296	\$164,888
Employment (Jobs)	0	3	0	4
Induced Effects				
Output	\$10,080	\$265,504	\$3,877	\$279,461
Value Added	\$6,232	\$164,118	\$2,396	\$172,747
Labor Income	\$3,187	\$83,916	\$1,225	\$88,328
Employment (Jobs)	0	2	0	2
Total Effects				
Output	\$179,013	\$2,573,883	\$49,086	\$2,801,982
Value Added	\$70,962	\$1,353,093	\$24,398	\$1,448,453
Labor Income	\$32,085	\$912,670	\$12,981	\$957,736
Employment (Jobs)	1	19	0	20

Table 207. Tax Revenue Generated in Queens County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$21,777	\$7,532	\$29,309
State Resident (Non-County) Anglers	\$278,453	\$181,615	\$460,068
Out-of-State Anglers	\$8,106	\$2,844	\$10,950
All Anglers	\$308,336	\$191,991	\$500,327

Table 208. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Rensselaer County				
Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	237,014	30,920	\$432,714	\$176,422
Outside County but Within Region 4: Capital Region / Northern Catskills	50,498	*	\$224,836	*
In-Region Total	287,512	28,322	\$657,550	\$203,729
Region 1: Long Island	7,147	5,864	\$7,784	\$7,485
Region 2: New York City	4,308	2,803	\$78,528	\$95,581
Region 3: Lower Hudson Valley	2,737	1,602	\$21,376	\$12,608
Region 5: Eastern Adirondacks / Lake Champlain	37,939	11,576	\$168,614	\$67,692
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	153	166	\$3,820	\$4,248
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	52,284	**	\$280,122	**
Out of state	11,362	5,996	\$34,509	\$20,121
Total	351,410	35,674	\$972,182	\$236,305

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 209. Species Fished for and Percent of Days in Rensselaer County	
Fished primarily for	Percent of Days
Largemouth bass	26
Smallmouth bass	19
Brown trout	14
Striped bass (freshwater only)	10
No preference	8
Yellow perch	4
Brook trout	4
Walleye	3
Rainbow trout	3
Northern pike	3
Carp	2

Shows only those species at 2% or higher.

Table 210. Mean Distance Traveled and Percent Satisfied in Rensselaer County	
Mean distance traveled in miles to fish in the county among anglers who fish in this county	18.3
Percent of anglers fishing in the county who are satisfied	53

Table 211. Rensselaer County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,497,224	\$6,004,885	\$568,473	\$10,070,581
Value Added	\$1,595,978	\$2,820,376	\$271,307	\$4,687,661
Labor Income	\$928,813	\$1,528,740	\$187,650	\$2,645,203
Employment (Jobs)	28	45	5	78
Indirect Effects				
Output	\$766,109	\$1,365,597	\$121,665	\$2,253,371
Value Added	\$413,984	\$737,198	\$64,664	\$1,215,846
Labor Income	\$288,738	\$514,929	\$45,032	\$848,699
Employment (Jobs)	5	9	1	15
Induced Effects				
Output	\$373,817	\$625,330	\$70,636	\$1,069,783
Value Added	\$219,635	\$367,399	\$41,498	\$628,532
Labor Income	\$113,795	\$190,355	\$21,501	\$325,651
Employment (Jobs)	3	5	1	8
Total Effects				
Output	\$4,637,149	\$7,995,812	\$760,774	\$13,393,735
Value Added	\$2,229,597	\$3,924,973	\$377,468	\$6,532,038
Labor Income	\$1,331,347	\$2,234,024	\$254,182	\$3,819,553
Employment (Jobs)	36	59	6	101

Table 212. Tax Revenue Generated in Rensselaer County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$560,061	\$271,035	\$831,096
State Resident (Non-County) Anglers	\$1,147,997	\$464,236	\$1,612,232
Out-of-State Anglers	\$82,845	\$49,438	\$132,283
All Anglers	\$1,790,902	\$784,709	\$2,575,612

Table 213. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Richmond County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	43,089	13,608	\$58,105	\$31,038
Outside County but Within Region 2: New York City	2,916	*	\$1,270	*
In-Region Total	46,005	14,907	\$59,375	\$31,096
Region 1: Long Island	0	NA	\$0	NA
Region 3: Lower Hudson Valley	0	NA	\$0	NA
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	0	NA	\$0	NA
Out of state	1,311	931	\$0	NA
Total	47,315	14,100	\$59,375	\$31,096

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 214. Species Fished for and Percent of Days in Richmond County

Fished primarily for	Percent of Days
Largemouth bass	66
No preference	13
Channel catfish	6
Carp	6
Sunfish	5
Bullhead	3

Shows only those species at 2% or higher.

Table 215. Mean Distance Traveled and Percent Satisfied in Richmond County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	5.5
Percent of anglers fishing in the county who are satisfied	52

Table 216. Richmond County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$1,221,103	\$61,704	\$2,544	\$1,285,351
Value Added	\$626,949	\$30,613	\$2,103	\$659,665
Labor Income	\$305,930	\$16,002	\$2,192	\$324,125
Employment (Jobs)	9	0	0	10
Indirect Effects				
Output	\$267,874	\$13,721	\$195	\$281,791
Value Added	\$134,256	\$6,752	\$102	\$141,109
Labor Income	\$82,599	\$4,113	\$64	\$86,776
Employment (Jobs)	2	0	0	2
Induced Effects				
Output	\$159,918	\$8,197	\$901	\$169,017
Value Added	\$93,384	\$4,786	\$526	\$98,696
Labor Income	\$48,968	\$2,510	\$276	\$51,754
Employment (Jobs)	1	0	0	1
Total Effects				
Output	\$1,648,894	\$83,623	\$3,641	\$1,736,158
Value Added	\$854,589	\$42,151	\$2,730	\$899,470
Labor Income	\$437,497	\$22,625	\$2,532	\$462,654
Employment (Jobs)	12	1	0	13

Table 217. Tax Revenue Generated in Richmond County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$324,144	\$106,189	\$430,333
State Resident (Non-County) Anglers	\$14,734	\$5,414	\$20,148
Out-of-State Anglers	\$242	\$521	\$763
All Anglers	\$339,120	\$112,124	\$451,244

Table 218. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Rockland County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	141,756	26,635	\$483,889	\$460,122
Outside County but Within Region 3: Lower Hudson Valley	16,304	*	\$79,647	*
In-Region Total	158,060	27,137	\$563,536	\$462,213
Region 1: Long Island	445	370	\$27,265	\$31,939
Region 2: New York City	6,530	2,004	\$72,402	\$37,007
Region 4: Capital Region / Northern Catskills	1,272	1,390	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	8,247	**	\$99,667	**
Out of state	12,382	4,531	\$84,318	\$41,330
Total	178,689	28,190	\$747,521	\$466,614

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 219. Species Fished for and Percent of Days in Rockland County

Fished primarily for	Percent of Days
Largemouth bass	53
Striped bass (freshwater only)	15
No preference	9
Smallmouth bass	8
Rainbow trout	5
Yellow perch	3
Brown trout	3
Sunfish	2

Shows only those species at 2% or higher.

Table 220. Mean Distance Traveled and Percent Satisfied in Rockland County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	18.4
Percent of anglers fishing in the county who are satisfied	44

Table 221. Rockland County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$2,828,282	\$2,718,382	\$514,802	\$6,061,467
Value Added	\$1,476,299	\$1,449,186	\$229,969	\$3,155,453
Labor Income	\$774,560	\$1,057,966	\$146,815	\$1,979,341
Employment (Jobs)	19	22	4	45
Indirect Effects				
Output	\$850,853	\$722,769	\$131,431	\$1,705,052
Value Added	\$498,447	\$426,487	\$77,013	\$1,001,947
Labor Income	\$304,361	\$254,444	\$46,595	\$605,400
Employment (Jobs)	6	5	1	11
Induced Effects				
Output	\$525,178	\$631,513	\$93,869	\$1,250,561
Value Added	\$318,154	\$382,491	\$56,863	\$757,508
Labor Income	\$175,334	\$210,799	\$31,338	\$417,471
Employment (Jobs)	4	5	1	9
Total Effects				
Output	\$4,204,313	\$4,072,664	\$740,102	\$9,017,079
Value Added	\$2,292,899	\$2,258,164	\$363,845	\$4,914,908
Labor Income	\$1,254,256	\$1,523,209	\$224,747	\$3,002,212
Employment (Jobs)	28	31	5	65

Table 222. Tax Revenue Generated in Rockland County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$625,410	\$277,122	\$902,531
State Resident (Non-County) Anglers	\$433,651	\$314,661	\$748,313
Out-of-State Anglers	\$72,118	\$47,727	\$119,844
All Anglers	\$1,131,179	\$639,510	\$1,770,688

Table 223. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Saratoga County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	310,568	33,074	\$1,614,431	\$457,665
Outside County but Within Region 5: Eastern Adirondacks / Lake Champlain	17,745	*	\$57,663	*
In-Region Total	328,313	29,873	\$1,672,094	\$457,957
Region 1: Long Island	5,851	3,548	\$28,723	\$22,560
Region 2: New York City	5,237	2,663	\$14,296	\$7,277
Region 3: Lower Hudson Valley	3,728	1,166	\$159,111	\$92,067
Region 4: Capital Region / Northern Catskills	130,472	19,460	\$639,507	\$143,140
Region 6: Western Adirondacks / Eastern Lake Ontario	650	471	\$0	NA
Region 7: Central New York	2,139	1,625	\$20,492	\$18,766
Region 8: Western Finger Lakes	792	424	\$40,493	\$30,928
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	148,869	**	\$902,622	**
Out of state	19,952	8,511	\$460,508	\$272,742
Total	497,200	40,990	\$3,035,489	\$560,978

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 224. Species Fished for and Percent of Days in Saratoga County

Fished primarily for	Percent of Days
Largemouth bass	41
Smallmouth bass	14
Walleye	10
No preference	9
Brown trout	4
Channel catfish	3
Pickrel	3
Sunfish	3
Rainbow trout	2
Northern pike	2
Yellow perch	2
Crappie / calico bass	2

Shows only those species at 2% or higher.

Table 225. Mean Distance Traveled and Percent Satisfied in Saratoga County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	24.9
Percent of anglers fishing in the county who are satisfied	54

Table 226. Saratoga County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$61,171,080	\$11,342,342	\$3,119,346	\$75,632,768
Value Added	\$22,515,406	\$5,217,559	\$1,324,688	\$29,057,653
Labor Income	\$5,818,487	\$3,201,116	\$807,263	\$9,826,867
Employment (Jobs)	129	77	23	228
Indirect Effects				
Output	\$11,845,832	\$2,367,280	\$694,751	\$14,907,863
Value Added	\$6,836,299	\$1,361,529	\$399,225	\$8,597,053
Labor Income	\$4,399,287	\$824,201	\$242,725	\$5,466,213
Employment (Jobs)	89	16	5	110
Induced Effects				
Output	\$4,563,873	\$1,800,690	\$466,673	\$6,831,235
Value Added	\$2,725,112	\$1,075,223	\$278,635	\$4,078,970
Labor Income	\$1,333,693	\$526,210	\$136,377	\$1,996,281
Employment (Jobs)	33	13	3	49
Total Effects				
Output	\$77,580,784	\$15,510,312	\$4,280,770	\$97,371,866
Value Added	\$32,076,817	\$7,654,311	\$2,002,548	\$41,733,676
Labor Income	\$11,551,467	\$4,551,527	\$1,186,366	\$17,289,360
Employment (Jobs)	251	106	31	388

Table 227. Tax Revenue Generated in Saratoga County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$16,654,582	\$3,424,046	\$20,078,628
State Resident (Non-County) Anglers	\$1,712,544	\$1,044,418	\$2,756,962
Out-of-State Anglers	\$490,310	\$274,282	\$764,592
All Anglers	\$18,857,437	\$4,742,745	\$23,600,182

Table 228. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Schenectady County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	40,088	11,293	\$16,420	\$7,491
Outside County but Within Region 4: Capital Region / Northern Catskills	18,278	*	\$8,232	*
In-Region Total	58,366	10,997	\$24,652	\$9,349
Region 1: Long Island	1,406	2,629	\$14,436	\$25,276
Region 2: New York City	389	501	\$0	NA
Region 3: Lower Hudson Valley	134	157	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	11,127	3,679	\$91,420	\$61,535
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	13,056	**	\$105,856	**
Out of state	2,268	1,240	\$1,127	\$1,459
Total	73,689	13,286	\$131,636	\$67,191

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 229. Species Fished for and Percent of Days in Schenectady County

Fished primarily for	Percent of Days
Smallmouth bass	37
No preference	15
Largemouth bass	13
Walleye	11
Sunfish	9
Brown trout	5
Yellow perch	4
Northern pike	4

Shows only those species at 2% or higher.

Table 230. Mean Distance Traveled and Percent Satisfied in Schenectady County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	13.2
Percent of anglers fishing in the county who are satisfied	43

Table 231. Schenectady County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$556,912	\$1,808,445	\$35,974	\$2,401,330
Value Added	\$279,430	\$906,837	\$16,985	\$1,203,252
Labor Income	\$180,784	\$557,771	\$11,935	\$750,490
Employment (Jobs)	5	12	0	17
Indirect Effects				
Output	\$115,148	\$364,691	\$8,009	\$487,848
Value Added	\$61,890	\$196,265	\$4,291	\$262,446
Labor Income	\$39,671	\$126,163	\$2,749	\$168,582
Employment (Jobs)	1	3	0	3
Induced Effects				
Output	\$81,762	\$264,375	\$5,196	\$351,333
Value Added	\$47,559	\$153,818	\$3,022	\$204,399
Labor Income	\$25,186	\$81,427	\$1,601	\$108,214
Employment (Jobs)	1	2	0	3
Total Effects				
Output	\$753,822	\$2,437,511	\$49,179	\$3,240,511
Value Added	\$388,879	\$1,256,920	\$24,297	\$1,670,097
Labor Income	\$245,641	\$765,360	\$16,285	\$1,027,285
Employment (Jobs)	6	17	0	23

Table 232. Tax Revenue Generated in Schenectady County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$83,893	\$49,101	\$132,995
State Resident (Non-County) Anglers	\$306,822	\$155,453	\$462,275
Out-of-State Anglers	\$4,831	\$3,181	\$8,012
All Anglers	\$395,547	\$207,735	\$603,282

Table 233. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Schoharie County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	42,568	13,045	\$66,093	\$33,634
Outside County but Within Region 4: Capital Region / Northern Catskills	15,257	*	\$11,894	*
In-Region Total	57,825	12,397	\$77,987	\$33,996
Region 1: Long Island	3,776	2,180	\$26,567	\$15,535
Region 2: New York City	1,836	1,103	\$3,076	\$3,387
Region 3: Lower Hudson Valley	907	585	\$5,985	\$6,903
Region 5: Eastern Adirondacks / Lake Champlain	2,819	1,681	\$2,209	\$1,826
Region 6: Western Adirondacks / Eastern Lake Ontario	11,242	8,591	\$0	\$0
Region 7: Central New York	3,193	1,602	\$4,661	\$2,968
Region 8: Western Finger Lakes	611	664	\$2,674	\$2,974
Region 9: Western New York	15,392	5,573	\$142,778	\$106,871
Total of Other Regions	39,776	**	\$187,950	**
Out of state	1,416	764	\$10,627	\$14,172
Total	99,113	17,904	\$276,882	\$114,449

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 234. Species Fished for and Percent of Days in Schoharie County

Fished primarily for	Percent of Days
No preference	30
Smallmouth bass	22
Largemouth bass	16
Walleye	10
Brown trout	6
Crappie / calico bass	4
Yellow perch	2
Brook trout	2

Shows only those species at 2% or higher.

Table 235. Mean Distance Traveled and Percent Satisfied in Schoharie County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	53.8
Percent of anglers fishing in the county who are satisfied	53

Table 236. Schoharie County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$1,338,641	\$1,600,608	\$139,771	\$3,079,020
Value Added	\$769,824	\$618,534	\$58,647	\$1,447,005
Labor Income	\$348,079	\$301,651	\$29,120	\$678,849
Employment (Jobs)	12	15	2	28
Indirect Effects				
Output	\$293,808	\$344,010	\$31,237	\$669,055
Value Added	\$143,757	\$161,680	\$14,610	\$320,047
Labor Income	\$87,565	\$98,312	\$8,743	\$194,621
Employment (Jobs)	2	3	0	5
Induced Effects				
Output	\$134,542	\$126,916	\$12,062	\$273,520
Value Added	\$77,621	\$73,234	\$6,960	\$157,815
Labor Income	\$33,502	\$31,593	\$3,002	\$68,097
Employment (Jobs)	1	1	0	2
Total Effects				
Output	\$1,766,991	\$2,071,533	\$183,070	\$4,021,595
Value Added	\$991,201	\$853,448	\$80,217	\$1,924,867
Labor Income	\$469,146	\$431,556	\$40,865	\$941,567
Employment (Jobs)	15	18	2	35

Table 237. Tax Revenue Generated in Schoharie County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$364,636	\$110,247	\$474,883
State Resident (Non-County) Anglers	\$305,693	\$98,038	\$403,731
Out-of-State Anglers	\$26,618	\$9,258	\$35,876
All Anglers	\$696,947	\$217,542	\$914,490

Table 238. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Schuyler County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	52,304	14,582	\$36,127	\$26,246
Outside County but Within Region 8: Western Finger Lakes	63,460	*	\$591,202	*
In-Region Total	115,764	17,638	\$627,329	\$262,676
Region 1: Long Island	103	175	\$6,880	\$11,403
Region 2: New York City	8,234	10,543	\$7,164	\$7,759
Region 3: Lower Hudson Valley	735	581	\$0	NA
Region 4: Capital Region / Northern Catskills	399	246	\$1,995	\$1,373
Region 5: Eastern Adirondacks / Lake Champlain	0	0	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	688	398	\$0	NA
Region 7: Central New York	15,022	5,540	\$140,298	\$55,707
Region 9: Western New York	884	495	\$3,677	\$2,947
Total of Other Regions	26,065	**	\$160,014	**
Out of state	11,709	4,666	\$502,077	\$264,696
Total	153,550	21,996	\$1,289,860	\$377,260

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 239. Species Fished for and Percent of Days in Schuyler County

Fished primarily for	Percent of Days
Largemouth bass	33
Crappie / calico bass	11
Yellow perch	8
Lake trout	7
Smallmouth bass	7
Muskie	6
Rainbow trout	6
Carp	6
Sunfish	4
Bullhead	4
No preference	3
Brown trout	2

Shows only those species at 2% or higher.

Table 240. Mean Distance Traveled and Percent Satisfied in Schuyler County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	48.1
Percent of anglers fishing in the county who are satisfied	57

Table 241. Schuyler County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$485,519	\$4,158,051	\$2,415,365	\$7,058,936
Value Added	\$251,243	\$2,123,512	\$1,145,851	\$3,520,606
Labor Income	\$129,987	\$1,040,295	\$458,197	\$1,628,480
Employment (Jobs)	3	26	15	45
Indirect Effects				
Output	\$53,656	\$451,649	\$271,645	\$776,950
Value Added	\$28,540	\$235,172	\$138,874	\$402,586
Labor Income	\$21,398	\$173,693	\$101,827	\$296,918
Employment (Jobs)	0	3	2	6
Induced Effects				
Output	\$52,031	\$390,702	\$174,566	\$617,298
Value Added	\$27,373	\$205,433	\$91,762	\$324,568
Labor Income	\$13,417	\$100,800	\$45,049	\$159,267
Employment (Jobs)	0	3	1	5
Total Effects				
Output	\$591,206	\$5,000,402	\$2,861,576	\$8,453,183
Value Added	\$307,155	\$2,564,117	\$1,376,488	\$4,247,760
Labor Income	\$164,802	\$1,314,789	\$605,073	\$2,084,664
Employment (Jobs)	4	33	19	55

Table 242. Tax Revenue Generated in Schuyler County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$104,642	\$37,526	\$142,168
State Resident (Non-County) Anglers	\$943,868	\$311,809	\$1,255,677
Out-of-State Anglers	\$565,116	\$154,495	\$719,611
All Anglers	\$1,613,626	\$503,830	\$2,117,456

Table 243. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Seneca County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	58,011	18,405	\$17,747	\$7,978
Outside County but Within Region 8: Western Finger Lakes	72,568	*	\$429,474	*
In-Region Total	130,579	27,168	\$447,221	\$112,469
Region 1: Long Island	158	216	\$2,632	\$3,527
Region 2: New York City	1,666	1,928	\$967	\$1,283
Region 3: Lower Hudson Valley	1,575	1,212	\$85,219	\$105,805
Region 4: Capital Region / Northern Catskills	1,289	757	\$18,196	\$11,640
Region 5: Eastern Adirondacks / Lake Champlain	357	336	\$91,508	\$94,189
Region 6: Western Adirondacks / Eastern Lake Ontario	325	235	\$6,502	\$4,957
Region 7: Central New York	24,195	10,012	\$133,719	\$66,981
Region 9: Western New York	8,788	4,348	\$147,284	\$63,953
Total of Other Regions	38,353	**	\$486,027	**
Out of state	16,282	4,514	\$741,232	\$294,829
Total	185,214	30,591	\$1,674,481	\$358,193

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 244. Species Fished for and Percent of Days in Seneca County

Fished primarily for	Percent of Days
Largemouth bass	32
Smallmouth bass	22
Lake trout	13
No preference	8
Yellow perch	8
Pickrel	4
Bullhead	3
Sunfish	3
Landlocked Atlantic salmon	2
Rainbow trout	2
Carp	2

Shows only those species at 2% or higher.

Table 245. Mean Distance Traveled and Percent Satisfied in Seneca County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	71.3
Percent of anglers fishing in the county who are satisfied	52

Table 246. Seneca County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,705,007	\$5,938,121	\$2,450,844	\$12,093,972
Value Added	\$2,283,391	\$3,305,261	\$1,200,797	\$6,789,449
Labor Income	\$1,264,017	\$1,345,200	\$468,685	\$3,077,901
Employment (Jobs)	30	35	15	80
Indirect Effects				
Output	\$324,428	\$639,926	\$267,054	\$1,231,408
Value Added	\$174,694	\$346,671	\$145,147	\$666,511
Labor Income	\$103,356	\$221,609	\$93,421	\$418,386
Employment (Jobs)	3	6	2	11
Induced Effects				
Output	\$303,604	\$370,945	\$135,526	\$810,075
Value Added	\$180,929	\$221,082	\$80,776	\$482,787
Labor Income	\$78,418	\$95,773	\$34,987	\$209,178
Employment (Jobs)	2	3	1	7
Total Effects				
Output	\$4,333,040	\$6,948,992	\$2,853,424	\$14,135,456
Value Added	\$2,639,014	\$3,873,013	\$1,426,720	\$7,938,747
Labor Income	\$1,445,790	\$1,662,582	\$597,093	\$3,705,465
Employment (Jobs)	35	44	19	98

Table 247. Tax Revenue Generated in Seneca County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$747,813	\$315,970	\$1,063,783
State Resident (Non-County) Anglers	\$1,536,669	\$417,822	\$1,954,490
Out-of-State Anglers	\$562,585	\$151,846	\$714,431
All Anglers	\$2,847,067	\$885,638	\$3,732,704

Table 248. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in St. Lawrence County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	249,469	27,942	\$1,162,091	\$261,078
Outside County but Within Region 6: Western Adirondacks / Eastern Lake Ontario	48,532	*	\$352,446	*
In-Region Total	298,001	30,300	\$1,514,537	\$279,099
Region 1: Long Island	1,174	1,068	\$18,042	\$20,294
Region 2: New York City	2,478	2,204	\$185,292	\$194,999
Region 3: Lower Hudson Valley	2,160	1,093	\$130,000	\$115,893
Region 4: Capital Region / Northern Catskills	8,484	2,474	\$189,595	\$62,733
Region 5: Eastern Adirondacks / Lake Champlain	52,556	10,332	\$654,340	\$288,089
Region 7: Central New York	56,444	11,391	\$982,183	\$191,605
Region 8: Western Finger Lakes	52,892	13,569	\$966,080	\$299,290
Region 9: Western New York	24,950	5,625	\$1,464,296	\$422,361
Total of Other Regions	201,138	**	\$4,589,828	**
Out of state	98,349	17,389	\$3,210,903	\$846,639
Total	597,517	43,170	\$9,316,738	\$1,111,381

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 249. Species Fished for and Percent of Days in St. Lawrence County

Fished primarily for	Percent of Days
Smallmouth bass	20
Walleye	16
Northern pike	12
Largemouth bass	10
Rainbow trout	8
Crappie / calico bass	7
Yellow perch	5
No preference	4
Muskie	4
Brook trout	4
Sunfish	4
Brown trout	2

Shows only those species at 2% or higher.

Table 250. Mean Distance Traveled and Percent Satisfied in St. Lawrence County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	110.9
Percent of anglers fishing in the county who are satisfied	64

Table 251. St. Lawrence County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$8,581,533	\$16,992,385	\$16,248,325	\$41,822,243
Value Added	\$3,974,651	\$6,415,647	\$6,803,420	\$17,193,719
Labor Income	\$1,701,231	\$2,047,475	\$1,903,314	\$5,652,020
Employment (Jobs)	66	86	71	223
Indirect Effects				
Output	\$1,583,646	\$3,124,159	\$3,030,248	\$7,738,053
Value Added	\$786,656	\$1,538,231	\$1,498,867	\$3,823,753
Labor Income	\$490,401	\$967,744	\$944,242	\$2,402,387
Employment (Jobs)	12	23	22	56
Induced Effects				
Output	\$1,000,127	\$1,377,317	\$1,299,586	\$3,677,030
Value Added	\$581,618	\$800,988	\$755,768	\$2,138,374
Labor Income	\$290,166	\$399,585	\$377,046	\$1,066,797
Employment (Jobs)	8	11	10	29
Total Effects				
Output	\$11,165,305	\$21,493,862	\$20,578,159	\$53,237,326
Value Added	\$5,342,924	\$8,754,866	\$9,058,055	\$23,155,846
Labor Income	\$2,481,798	\$3,414,805	\$3,224,601	\$9,121,204
Employment (Jobs)	86	119	104	308

Table 252. Tax Revenue Generated in St. Lawrence County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$2,050,289	\$629,304	\$2,679,593
State Resident (Non-County) Anglers	\$3,626,392	\$929,777	\$4,556,169
Out-of-State Anglers	\$4,274,778	\$915,783	\$5,190,562
All Anglers	\$9,951,459	\$2,474,865	\$12,426,324

Table 253. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Steuben County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	182,760	25,834	\$312,178	\$78,675
Outside County but Within Region 8: Western Finger Lakes	38,490	*	\$126,536	*
In-Region Total	221,250	27,627	\$438,714	\$87,740
Region 1: Long Island	44	66	\$0	NA
Region 2: New York City	4,371	3,388	\$7,793	\$7,123
Region 3: Lower Hudson Valley	183	171	\$33,424	\$39,739
Region 4: Capital Region / Northern Catskills	887	667	\$10,965	\$9,286
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	225	196	\$28,138	\$25,782
Region 7: Central New York	3,043	1,291	\$12,494	\$7,408
Region 9: Western New York	6,902	2,899	\$130,130	\$88,466
Total of Other Regions	15,655	**	\$222,944	**
Out of state	11,965	3,484	\$597,436	\$258,745
Total	249,356	29,095	\$1,262,035	\$291,489

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 254. Species Fished for and Percent of Days in Steuben County

Fished primarily for	Percent of Days
Smallmouth bass	19
Largemouth bass	17
Brown trout	16
No preference	11
Yellow perch	10
Walleye	8
Lake trout	7
Sunfish	4
Rainbow trout	3
Brook trout	2

Shows only those species at 2% or higher.

Table 255. Mean Distance Traveled and Percent Satisfied in Steuben County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	50.3
Percent of anglers fishing in the county who are satisfied	57

Table 256. Steuben County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,082,395	\$2,113,705	\$2,559,693	\$7,755,792
Value Added	\$1,272,871	\$872,288	\$1,031,346	\$3,176,504
Labor Income	\$613,323	\$404,161	\$395,892	\$1,413,377
Employment (Jobs)	28	17	15	61
Indirect Effects				
Output	\$645,738	\$427,878	\$492,810	\$1,566,426
Value Added	\$367,769	\$243,593	\$278,748	\$890,109
Labor Income	\$260,429	\$172,099	\$197,855	\$630,383
Employment (Jobs)	4	3	3	10
Induced Effects				
Output	\$321,789	\$211,668	\$217,419	\$750,876
Value Added	\$188,962	\$124,293	\$127,667	\$440,923
Labor Income	\$95,209	\$62,629	\$64,332	\$222,170
Employment (Jobs)	2	2	2	6
Total Effects				
Output	\$4,049,922	\$2,753,251	\$3,269,922	\$10,073,095
Value Added	\$1,829,601	\$1,240,174	\$1,437,761	\$4,507,537
Labor Income	\$968,961	\$638,888	\$658,080	\$2,265,930
Employment (Jobs)	35	22	20	77

Table 257. Tax Revenue Generated in Steuben County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$573,211	\$223,365	\$796,576
State Resident (Non-County) Anglers	\$400,297	\$148,860	\$549,157
Out-of-State Anglers	\$540,495	\$160,638	\$701,133
All Anglers	\$1,514,003	\$532,863	\$2,046,866

Table 258. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Suffolk County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	229,881	25,536	\$798,172	\$154,080
Outside County but Within Region 1: Long Island	40,760	*	\$482,874	*
In-Region Total	270,641	26,151	\$1,281,046	\$256,469
Region 2: New York City	10,078	3,595	\$83,895	\$40,357
Region 3: Lower Hudson Valley	3,641	2,356	\$71,962	\$58,677
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	3,493	3,715	\$34,927	\$40,622
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	1,231	705	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	18,443	**	\$190,784	**
Out of state	9,081	3,462	\$183,309	\$116,730
Total	298,165	28,550	\$1,655,138	\$293,390

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 259. Species Fished for and Percent of Days in Suffolk County

Fished primarily for	Percent of Days
Largemouth bass	45
No preference	13
Rainbow trout	10
Brown trout	10
Brook trout	6
Sunfish	5
Striped bass (freshwater only)	3
Smallmouth bass	2
Walleye	2

Shows only those species at 2% or higher.

Table 260. Mean Distance Traveled and Percent Satisfied in Suffolk County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	22.7
Percent of anglers fishing in the county who are satisfied	53

Table 261. Suffolk County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$12,746,882	\$15,790,326	\$1,044,883	\$29,582,091
Value Added	\$5,939,837	\$6,448,817	\$492,540	\$12,881,194
Labor Income	\$4,011,320	\$1,648,012	\$295,696	\$5,955,028
Employment (Jobs)	75	29	6	110
Indirect Effects				
Output	\$2,975,593	\$4,536,371	\$261,392	\$7,773,355
Value Added	\$1,870,486	\$2,855,533	\$163,977	\$4,889,996
Labor Income	\$1,206,631	\$1,951,351	\$107,304	\$3,265,286
Employment (Jobs)	18	32	2	52
Induced Effects				
Output	\$3,110,263	\$2,142,963	\$240,122	\$5,493,348
Value Added	\$1,980,871	\$1,364,782	\$152,928	\$3,498,580
Labor Income	\$1,110,765	\$765,326	\$85,755	\$1,961,846
Employment (Jobs)	21	15	2	38
Total Effects				
Output	\$18,832,738	\$22,469,660	\$1,546,397	\$42,848,794
Value Added	\$9,791,193	\$10,669,132	\$809,445	\$21,269,770
Labor Income	\$6,328,717	\$4,364,689	\$488,754	\$11,182,160
Employment (Jobs)	114	76	9	199

Table 262. Tax Revenue Generated in Suffolk County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,721,835	\$1,399,214	\$3,121,049
State Resident (Non-County) Anglers	\$4,852,666	\$1,118,890	\$5,971,556
Out-of-State Anglers	\$192,393	\$110,108	\$302,502
All Anglers	\$6,766,894	\$2,628,212	\$9,395,106

Table 263. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Sullivan County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	131,894	27,023	\$146,504	\$43,062
Outside County but Within Region 3: Lower Hudson Valley	109,291	*	\$1,357,487	*
In-Region Total	241,185	30,139	\$1,503,991	\$273,418
Region 1: Long Island	35,552	10,120	\$793,359	\$294,638
Region 2: New York City	58,725	10,796	\$1,707,657	\$423,687
Region 4: Capital Region / Northern Catskills	7,906	2,081	\$172,688	\$84,194
Region 5: Eastern Adirondacks / Lake Champlain	1,186	539	\$71,112	\$51,442
Region 6: Western Adirondacks / Eastern Lake Ontario	3,166	2,045	\$20,355	\$13,813
Region 7: Central New York	17,855	4,434	\$214,713	\$66,194
Region 8: Western Finger Lakes	9,014	2,620	\$124,207	\$65,261
Region 9: Western New York	1,786	1,333	\$57,510	\$43,303
Total of Other Regions	135,190	**	\$3,161,601	**
Out of state	114,131	12,710	\$4,569,627	\$1,144,908
Total	490,696	36,920	\$9,235,347	\$1,292,191

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 264. Species Fished for and Percent of Days in Sullivan County

Fished primarily for	Percent of Days
Brown trout	46
Largemouth bass	12
Rainbow trout	8
Brook trout	7
Smallmouth bass	7
Yellow perch	4
No preference	3
Lake trout	3
Sunfish	2
Pickrel	2
Walleye	2

Shows only those species at 2% or higher.

Table 265. Mean Distance Traveled and Percent Satisfied in Sullivan County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	87.4
Percent of anglers fishing in the county who are satisfied	66

Table 266. Sullivan County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,655,848	\$62,711,089	\$15,075,640	\$81,442,577
Value Added	\$1,448,822	\$19,236,522	\$5,398,101	\$26,083,445
Labor Income	\$887,060	\$4,500,062	\$2,495,507	\$7,882,629
Employment (Jobs)	26	130	77	233
Indirect Effects				
Output	\$701,114	\$11,236,728	\$3,011,651	\$14,949,494
Value Added	\$357,517	\$5,637,468	\$1,527,182	\$7,522,167
Labor Income	\$216,634	\$3,452,292	\$931,195	\$4,600,121
Employment (Jobs)	5	83	22	111
Induced Effects				
Output	\$402,614	\$2,957,413	\$1,300,760	\$4,660,787
Value Added	\$235,661	\$1,731,586	\$761,849	\$2,729,096
Labor Income	\$112,858	\$829,049	\$364,663	\$1,306,570
Employment (Jobs)	3	23	10	36
Total Effects				
Output	\$4,759,576	\$76,905,230	\$19,388,050	\$101,052,857
Value Added	\$2,042,000	\$26,605,577	\$7,687,131	\$36,334,708
Labor Income	\$1,216,552	\$8,781,403	\$3,791,365	\$13,789,320
Employment (Jobs)	34	235	110	379

Table 267. Tax Revenue Generated in Sullivan County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$499,478	\$273,358	\$772,836
State Resident (Non-County) Anglers	\$11,875,350	\$2,393,220	\$14,268,570
Out-of-State Anglers	\$2,505,395	\$891,747	\$3,397,142
All Anglers	\$14,880,223	\$3,558,325	\$18,438,548

Table 268. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Tioga County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	65,383	13,794	\$113,237	\$32,973
Outside County but Within Region 7: Central New York	27,935	*	\$28,424	*
In-Region Total	93,318	14,139	\$141,661	\$35,005
Region 1: Long Island	468	509	\$35,881	\$39,563
Region 2: New York City	423	675	\$5,077	\$7,588
Region 3: Lower Hudson Valley	0	NA	\$0	NA
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 8: Western Finger Lakes	1,552	907	\$102,820	\$96,107
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	2,443	**	\$143,778	**
Out of state	2,671	1,145	\$38,882	\$18,882
Total	98,442	15,127	\$324,322	\$111,526

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 269. Species Fished for and Percent of Days in Tioga County

Fished primarily for	Percent of Days
Brown trout	19
No preference	16
Smallmouth bass	14
Largemouth bass	8
Channel catfish	7
Walleye	6
Muskie	5
Rainbow trout	4
Northern pike	4
Brook trout	3
Yellow perch	3
Bullhead	3
Sunfish	2
Carp	2
Tiger muskellunge	2

Shows only those species at 2% or higher.

Table 270. Mean Distance Traveled and Percent Satisfied in Tioga County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	18.7
Percent of anglers fishing in the county who are satisfied	55

Table 271. Tioga County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,957,016	\$1,118,562	\$200,221	\$5,275,799
Value Added	\$1,789,316	\$541,647	\$93,178	\$2,424,142
Labor Income	\$1,093,916	\$182,420	\$42,091	\$1,318,427
Employment (Jobs)	44	7	1	52
Indirect Effects				
Output	\$743,923	\$212,460	\$31,440	\$987,822
Value Added	\$361,824	\$107,075	\$16,264	\$485,163
Labor Income	\$237,735	\$71,242	\$10,797	\$319,773
Employment (Jobs)	7	2	0	9
Induced Effects				
Output	\$329,818	\$65,061	\$13,950	\$408,829
Value Added	\$191,015	\$37,687	\$8,082	\$236,783
Labor Income	\$76,369	\$15,057	\$3,227	\$94,653
Employment (Jobs)	3	1	0	3
Total Effects				
Output	\$5,030,757	\$1,396,083	\$245,610	\$6,672,450
Value Added	\$2,342,156	\$686,409	\$117,524	\$3,146,089
Labor Income	\$1,408,019	\$268,719	\$56,115	\$1,732,853
Employment (Jobs)	53	9	2	64

Table 272. Tax Revenue Generated in Tioga County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$642,569	\$301,678	\$944,248
State Resident (Non-County) Anglers	\$349,804	\$70,188	\$419,992
Out-of-State Anglers	\$43,390	\$13,185	\$56,575
All Anglers	\$1,035,763	\$385,051	\$1,420,815

Table 273. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Tompkins County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	120,963	19,220	\$413,011	\$262,739
Outside County but Within Region 7: Central New York	56,078	*	\$316,633	*
In-Region Total	177,041	20,229	\$729,644	\$276,824
Region 1: Long Island	0	NA	\$0	NA
Region 2: New York City	6,462	3,413	\$126,640	\$100,068
Region 3: Lower Hudson Valley	1,237	630	\$32,774	\$25,976
Region 4: Capital Region / Northern Catskills	0	NA	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	214	184	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	3,877	2,603	\$7,381	\$4,443
Region 8: Western Finger Lakes	21,251	9,128	\$101,437	\$61,838
Region 9: Western New York	956	877	\$5,308	\$5,008
Total of Other Regions	33,997	**	\$273,540	**
Out of state	13,957	4,692	\$543,782	\$319,393
Total	225,054	24,372	\$1,546,972	\$439,469

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 274. Species Fished for and Percent of Days in Tompkins County

Fished primarily for	Percent of Days
Brown trout	18
Landlocked Atlantic salmon	15
No preference	12
Lake trout	10
Largemouth bass	10
Rainbow trout	9
Yellow perch	6
Smallmouth bass	5
Sunfish	4
Carp	3
Pickrel	2
Brook trout	2
Crappie / calico bass	2

Shows only those species at 2% or higher.

Table 275. Mean Distance Traveled and Percent Satisfied in Tompkins County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	33.4
Percent of anglers fishing in the county who are satisfied	53

Table 276. Tompkins County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,100,844	\$7,848,354	\$5,262,411	\$16,211,609
Value Added	\$1,518,535	\$5,338,657	\$2,722,822	\$9,580,014
Labor Income	\$827,017	\$4,552,847	\$1,630,096	\$7,009,960
Employment (Jobs)	20	91	25	135
Indirect Effects				
Output	\$574,153	\$905,281	\$804,224	\$2,283,658
Value Added	\$333,004	\$522,913	\$473,948	\$1,329,865
Labor Income	\$200,913	\$317,517	\$277,572	\$796,002
Employment (Jobs)	4	6	5	14
Induced Effects				
Output	\$453,001	\$2,125,660	\$902,869	\$3,481,531
Value Added	\$277,108	\$1,300,148	\$552,755	\$2,130,011
Labor Income	\$144,155	\$676,354	\$287,541	\$1,108,050
Employment (Jobs)	3	16	7	26
Total Effects				
Output	\$4,127,998	\$10,879,296	\$6,969,504	\$21,976,798
Value Added	\$2,128,648	\$7,161,718	\$3,749,524	\$13,039,890
Labor Income	\$1,172,085	\$5,546,719	\$2,195,209	\$8,914,013
Employment (Jobs)	27	113	36	175

Table 277. Tax Revenue Generated in Tompkins County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$628,811	\$263,833	\$892,644
State Resident (Non-County) Anglers	\$1,024,703	\$1,088,849	\$2,113,552
Out-of-State Anglers	\$866,753	\$471,969	\$1,338,722
All Anglers	\$2,520,267	\$1,824,651	\$4,344,918

Table 278. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Ulster County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	207,279	24,101	\$1,273,270	\$454,309
Outside County but Within Region 3: Lower Hudson Valley	67,478	*	\$307,759	*
In-Region Total	274,757	26,421	\$1,581,029	\$461,751
Region 1: Long Island	6,527	4,097	\$222,004	\$140,583
Region 2: New York City	11,977	3,317	\$383,235	\$124,052
Region 4: Capital Region / Northern Catskills	12,384	3,426	\$60,395	\$30,629
Region 5: Eastern Adirondacks / Lake Champlain	782	625	\$11,150	\$14,482
Region 6: Western Adirondacks / Eastern Lake Ontario	601	554	\$0	NA
Region 7: Central New York	654	371	\$58,904	\$65,203
Region 8: Western Finger Lakes	891	610	\$210,547	\$134,380
Region 9: Western New York	10,730	7,513	\$46,112	\$29,519
Total of Other Regions	44,546	**	\$992,347	**
Out of state	15,438	4,012	\$534,911	\$212,991
Total	334,890	29,443	\$3,108,747	\$563,715

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 279. Species Fished for and Percent of Days in Ulster County

Fished primarily for	Percent of Days
Brown trout	21
Striped bass (freshwater only)	16
Largemouth bass	15
Smallmouth bass	14
Rainbow trout	10
No preference	9
Brook trout	7

Shows only those species at 2% or higher.

Table 280. Mean Distance Traveled and Percent Satisfied in Ulster County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	44.4
Percent of anglers fishing in the county who are satisfied	64

Table 281. Ulster County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$6,351,359	\$6,118,489	\$1,631,960	\$14,101,809
Value Added	\$2,951,755	\$2,972,170	\$750,930	\$6,674,855
Labor Income	\$1,395,466	\$1,254,617	\$259,357	\$2,909,439
Employment (Jobs)	37	34	7	79
Indirect Effects				
Output	\$1,370,904	\$1,455,027	\$403,662	\$3,229,593
Value Added	\$712,190	\$753,172	\$208,132	\$1,673,495
Labor Income	\$408,936	\$433,487	\$120,929	\$963,351
Employment (Jobs)	11	11	3	25
Induced Effects				
Output	\$814,363	\$763,399	\$172,722	\$1,750,483
Value Added	\$480,049	\$450,019	\$101,824	\$1,031,892
Labor Income	\$231,355	\$216,878	\$49,070	\$497,304
Employment (Jobs)	6	6	1	14
Total Effects				
Output	\$8,536,626	\$8,336,915	\$2,208,344	\$19,081,885
Value Added	\$4,143,994	\$4,175,361	\$1,060,887	\$9,380,242
Labor Income	\$2,035,757	\$1,904,982	\$429,356	\$4,370,094
Employment (Jobs)	54	51	12	117

Table 282. Tax Revenue Generated in Ulster County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,247,053	\$498,470	\$1,745,523
State Resident (Non-County) Anglers	\$1,419,400	\$479,847	\$1,899,247
Out-of-State Anglers	\$400,812	\$113,453	\$514,265
All Anglers	\$3,067,265	\$1,091,770	\$4,159,035

Table 283. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Warren County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	137,161	23,220	\$718,727	\$411,810
Outside County but Within Region 5: Eastern Adirondacks / Lake Champlain	125,393	*	\$1,602,718	*
In-Region Total	262,554	25,845	\$2,321,445	\$584,099
Region 1: Long Island	9,173	2,856	\$809,719	\$428,179
Region 2: New York City	3,851	1,795	\$222,276	\$132,308
Region 3: Lower Hudson Valley	31,462	8,233	\$1,345,121	\$397,341
Region 4: Capital Region / Northern Catskills	80,194	13,327	\$1,615,185	\$660,657
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	1,205	497	\$106,939	\$59,325
Region 8: Western Finger Lakes	5,777	2,643	\$688,798	\$530,480
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	131,662	**	\$4,788,038	**
Out of state	76,066	11,593	\$4,610,637	\$1,030,946
Total	470,306	35,603	\$11,720,324	\$1,574,646

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 284. Species Fished for and Percent of Days in Warren County

Fished primarily for	Percent of Days
Largemouth bass	22
Smallmouth bass	21
Lake trout	12
No preference	11
Yellow perch	10
Brown trout	7
Brook trout	4
Rainbow trout	4
Landlocked Atlantic salmon	3
Sunfish	2
Northern pike	2

Shows only those species at 2% or higher.

Table 285. Mean Distance Traveled and Percent Satisfied in Warren County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	86.5
Percent of anglers fishing in the county who are satisfied	60

Table 286. Warren County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$6,561,698	\$54,650,170	\$14,445,915	\$75,657,783
Value Added	\$2,653,874	\$18,308,861	\$5,010,875	\$25,973,610
Labor Income	\$1,658,437	\$7,000,393	\$2,098,023	\$10,756,853
Employment (Jobs)	36	165	50	251
Indirect Effects				
Output	\$1,374,022	\$11,417,131	\$2,819,690	\$15,610,844
Value Added	\$764,948	\$6,310,073	\$1,552,413	\$8,627,434
Labor Income	\$464,498	\$3,887,766	\$966,243	\$5,318,507
Employment (Jobs)	10	82	21	112
Induced Effects				
Output	\$948,621	\$4,930,477	\$1,412,955	\$7,292,053
Value Added	\$554,990	\$2,884,845	\$826,831	\$4,266,666
Labor Income	\$308,579	\$1,603,739	\$459,552	\$2,371,870
Employment (Jobs)	8	39	11	58
Total Effects				
Output	\$8,884,341	\$70,997,778	\$18,678,560	\$98,560,679
Value Added	\$3,973,812	\$27,503,779	\$7,390,119	\$38,867,710
Labor Income	\$2,431,513	\$12,491,898	\$3,523,818	\$18,447,230
Employment (Jobs)	54	286	82	421

Table 287. Tax Revenue Generated in Warren County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$850,235	\$514,281	\$1,364,516
State Resident (Non-County) Anglers	\$8,957,862	\$3,000,968	\$11,958,830
Out-of-State Anglers	\$2,476,029	\$828,674	\$3,304,703
All Anglers	\$12,284,127	\$4,343,923	\$16,628,050

Table 288. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Washington County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	118,384	17,337	\$231,357	\$76,958
Outside County but Within Region 5: Eastern Adirondacks / Lake Champlain	42,238	*	\$146,630	*
In-Region Total	160,622	17,293	\$377,987	\$91,929
Region 1: Long Island	6,755	5,569	\$0	NA
Region 2: New York City	222	154	\$4,486	\$3,255
Region 3: Lower Hudson Valley	1,996	2,367	\$19,181	\$14,729
Region 4: Capital Region / Northern Catskills	51,549	11,632	\$231,577	\$101,164
Region 6: Western Adirondacks / Eastern Lake Ontario	975	706	\$5,689	\$4,338
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	0	NA	\$0	NA
Region 9: Western New York	0	NA	\$0	NA
Total of Other Regions	61,497	**	\$260,933	**
Out of state	27,898	7,751	\$257,270	\$167,431
Total	250,048	25,147	\$897,466	\$216,691

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 289. Species Fished for and Percent of Days in Washington County

Fished primarily for	Percent of Days
Brown trout	32
Largemouth bass	14
No preference	11
Brook trout	10
Smallmouth bass	7
Channel catfish	6
Crappie / calico bass	5
Northern pike	3
Yellow perch	3
Bullhead	2
Rainbow trout	2
Walleye	2

Shows only those species at 2% or higher.

Table 290. Mean Distance Traveled and Percent Satisfied in Washington County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	33.0
Percent of anglers fishing in the county who are satisfied	58

Table 291. Washington County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$3,369,923	\$6,406,310	\$2,632,269	\$12,408,502
Value Added	\$1,512,111	\$2,789,986	\$1,128,589	\$5,430,686
Labor Income	\$799,598	\$1,306,364	\$581,054	\$2,687,016
Employment (Jobs)	29	43	20	91
Indirect Effects				
Output	\$365,455	\$682,797	\$282,983	\$1,331,234
Value Added	\$168,142	\$316,399	\$130,243	\$614,784
Labor Income	\$107,062	\$205,600	\$83,486	\$396,148
Employment (Jobs)	4	7	3	14
Induced Effects				
Output	\$211,685	\$361,018	\$160,154	\$732,857
Value Added	\$120,055	\$204,769	\$90,843	\$415,668
Labor Income	\$49,148	\$83,782	\$37,161	\$170,091
Employment (Jobs)	2	3	1	6
Total Effects				
Output	\$3,947,063	\$7,450,125	\$3,075,406	\$14,472,594
Value Added	\$1,800,308	\$3,311,154	\$1,349,676	\$6,461,138
Labor Income	\$955,808	\$1,595,746	\$701,701	\$3,253,255
Employment (Jobs)	34	53	24	111

Table 292. Tax Revenue Generated in Washington County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$573,502	\$203,490	\$776,993
State Resident (Non-County) Anglers	\$1,261,982	\$351,664	\$1,613,647
Out-of-State Anglers	\$456,443	\$149,946	\$606,389
All Anglers	\$2,291,928	\$705,101	\$2,997,028

Table 293. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Wayne County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	207,617	31,710	\$924,488	\$212,765
Outside County but Within Region 8: Western Finger Lakes	121,063	*	\$1,594,329	*
In-Region Total	328,680	35,474	\$2,518,817	\$537,596
Region 1: Long Island	0	NA	\$0	\$
Region 2: New York City	0	NA	\$0	\$
Region 3: Lower Hudson Valley	788	553	\$188,021	\$169,856
Region 4: Capital Region / Northern Catskills	450	317	\$45,784	\$43,234
Region 5: Eastern Adirondacks / Lake Champlain	1,776	1,472	\$131,587	\$120,676
Region 6: Western Adirondacks / Eastern Lake Ontario	1,878	751	\$27,052	\$25,049
Region 7: Central New York	35,778	8,110	\$888,448	\$232,183
Region 9: Western New York	8,205	2,806	\$93,144	\$40,118
Total of Other Regions	48,875	**	\$1,374,036	**
Out of state	24,379	7,242	\$1,790,538	\$499,786
Total	402,036	38,506	\$5,684,748	\$799,573

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 294. Species Fished for and Percent of Days in Wayne County

Fished primarily for	Percent of Days
Largemouth bass	21
Yellow perch	19
No preference	13
Smallmouth bass	10
Coho / Chinook salmon	9
Northern pike	6
Steelhead	6
Crappie / calico bass	4
Brown trout	3
Sunfish	3
Lake trout	2
Bullhead	2

Shows only those species at 2% or higher.

Table 295. Mean Distance Traveled and Percent Satisfied in Wayne County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	56.4
Percent of anglers fishing in the county who are satisfied	69

Table 296. Wayne County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$4,958,640	\$22,044,199	\$5,810,412	\$32,813,251
Value Added	\$2,299,188	\$8,847,439	\$2,314,095	\$13,460,721
Labor Income	\$1,021,507	\$2,326,316	\$909,996	\$4,257,819
Employment (Jobs)	30	72	28	131
Indirect Effects				
Output	\$884,232	\$4,115,871	\$1,018,213	\$6,018,316
Value Added	\$426,328	\$1,993,378	\$490,543	\$2,910,249
Labor Income	\$268,774	\$1,263,073	\$309,070	\$1,840,918
Employment (Jobs)	7	32	8	48
Induced Effects				
Output	\$430,135	\$1,123,398	\$388,452	\$1,941,985
Value Added	\$243,832	\$636,552	\$220,136	\$1,100,521
Labor Income	\$106,811	\$279,106	\$96,496	\$482,412
Employment (Jobs)	3	8	3	15
Total Effects				
Output	\$6,273,007	\$27,283,468	\$7,217,077	\$40,773,552
Value Added	\$2,969,347	\$11,477,369	\$3,024,775	\$17,471,491
Labor Income	\$1,397,092	\$3,868,496	\$1,315,562	\$6,581,149
Employment (Jobs)	41	113	40	193

Table 297. Tax Revenue Generated in Wayne County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,187,448	\$338,803	\$1,526,251
State Resident (Non-County) Anglers	\$5,855,092	\$1,120,270	\$6,975,362
Out-of-State Anglers	\$1,274,805	\$333,201	\$1,608,006
All Anglers	\$8,317,345	\$1,792,274	\$10,109,619

Table 298. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Westchester County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	272,735	30,255	\$873,927	\$245,564
Outside County but Within Region 3: Lower Hudson Valley	35,788	*	\$101,185	*
In-Region Total	308,523	30,574	\$975,112	\$250,104
Region 1: Long Island	4,428	2,253	\$4,880	\$3,913
Region 2: New York City	60,785	11,665	\$289,095	\$77,482
Region 4: Capital Region / Northern Catskills	1,273	983	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	801	522	\$22,036	\$19,554
Region 7: Central New York	594	432	\$3,568	\$4,681
Region 8: Western Finger Lakes	2,287	1,218	\$0	NA
Region 9: Western New York	504	422	\$8,857	\$9,148
Total of Other Regions	70,672	**	\$328,436	**
Out of state	35,777	8,299	\$101,508	\$30,234
Total	415,041	34,655	\$1,405,246	\$264,448

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 299. Species Fished for and Percent of Days in Westchester County

Fished primarily for	Percent of Days
Largemouth bass	40
Brown trout	20
Smallmouth bass	8
No preference	5
Striped bass (freshwater only)	5
Lake trout	4
Brook trout	4
Rainbow trout	4
Crappie / calico bass	4
Sunfish	3

Shows only those species at 2% or higher.

Table 300. Mean Distance Traveled and Percent Satisfied in Westchester County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	22.2
Percent of anglers fishing in the county who are satisfied	52

Table 301. Westchester County Economic Contribution of All Spending for Sportfishing by Residency, 2017

	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$8,298,479	\$4,836,984	\$1,723,437	\$14,858,900
Value Added	\$4,267,792	\$2,301,749	\$931,530	\$7,501,072
Labor Income	\$2,313,280	\$1,361,027	\$543,913	\$4,218,221
Employment (Jobs)	52	33	12	98
Indirect Effects				
Output	\$2,665,431	\$1,494,920	\$533,175	\$4,693,527
Value Added	\$1,723,868	\$967,921	\$344,661	\$3,036,450
Labor Income	\$1,079,126	\$604,224	\$214,248	\$1,897,598
Employment (Jobs)	14	8	3	25
Induced Effects				
Output	\$1,320,132	\$765,243	\$294,694	\$2,380,069
Value Added	\$863,644	\$500,635	\$192,788	\$1,557,067
Labor Income	\$493,731	\$286,203	\$110,215	\$890,149
Employment (Jobs)	8	5	2	15
Total Effects				
Output	\$12,284,043	\$7,097,147	\$2,551,306	\$21,932,496
Value Added	\$6,855,304	\$3,770,304	\$1,468,980	\$12,094,588
Labor Income	\$3,886,137	\$2,251,454	\$868,377	\$7,005,968
Employment (Jobs)	74	46	17	138

Table 302. Tax Revenue Generated in Westchester County from Economic Contributions of Anglers, 2017

	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$1,567,688	\$822,835	\$2,390,524
State Resident (Non-County) Anglers	\$713,154	\$468,649	\$1,181,804
Out-of-State Anglers	\$295,279	\$181,462	\$476,741
All Anglers	\$2,576,122	\$1,472,947	\$4,049,069

Table 303. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Wyoming County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	27,689	7,753	\$63,976	\$40,456
Outside County but Within Region 9: Western New York	67,610	*	\$310,587	*
In-Region Total	95,299	12,355	\$374,563	\$68,709
Region 1: Long Island	0	NA	\$0	NA
Region 2: New York City	1,286	1,182	\$89,713	\$92,072
Region 3: Lower Hudson Valley	99	135	\$0	NA
Region 4: Capital Region / Northern Catskills	276	251	\$0	NA
Region 5: Eastern Adirondacks / Lake Champlain	1,338	1,259	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	0	NA	\$0	NA
Region 8: Western Finger Lakes	34,117	9,927	\$187,433	\$73,779
Total of Other Regions	37,116	**	\$277,146	**
Out of state	2,189	1,203	\$33,625	\$29,195
Total	134,756	16,493	\$685,621	\$139,577

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 304. Species Fished for and Percent of Days in Wyoming County

Fished primarily for	Percent of Days
Brown trout	26
Largemouth bass	19
No preference	10
Northern pike	9
Rainbow trout	8
Brook trout	7
Walleye	5
Crappie / calico bass	5
Sunfish	5
Yellow perch	4
Smallmouth bass	2

Shows only those species at 2% or higher.

Table 305. Mean Distance Traveled and Percent Satisfied in Wyoming County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	41.4
Percent of anglers fishing in the county who are satisfied	59

Table 306. Wyoming County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$2,359,481	\$5,821,107	\$126,659	\$8,307,246
Value Added	\$1,254,202	\$2,413,762	\$49,033	\$3,716,997
Labor Income	\$595,438	\$1,061,176	\$26,733	\$1,683,347
Employment (Jobs)	18	43	1	63
Indirect Effects				
Output	\$290,252	\$740,148	\$16,766	\$1,047,167
Value Added	\$145,096	\$365,466	\$8,039	\$518,601
Labor Income	\$87,635	\$225,929	\$5,019	\$318,583
Employment (Jobs)	2	6	0	9
Induced Effects				
Output	\$171,057	\$335,430	\$8,638	\$515,125
Value Added	\$101,484	\$199,023	\$5,126	\$305,632
Labor Income	\$41,599	\$81,560	\$2,100	\$125,260
Employment (Jobs)	1	3	0	4
Total Effects				
Output	\$2,820,790	\$6,896,685	\$152,063	\$9,869,538
Value Added	\$1,500,782	\$2,978,251	\$62,197	\$4,541,230
Labor Income	\$724,672	\$1,368,665	\$33,852	\$2,127,189
Employment (Jobs)	22	52	1	75

Table 307. Tax Revenue Generated in Wyoming County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$511,405	\$167,467	\$678,873
State Resident (Non-County) Anglers	\$1,144,341	\$322,739	\$1,467,080
Out-of-State Anglers	\$18,535	\$7,319	\$25,854
All Anglers	\$1,674,281	\$497,526	\$2,171,806

Table 308. Number of Angler Days in 2017 by Region of Residence and At-Location Expenditures in Yates County

Residence Areas	Angler Days		At-Location Expenditures	
	Number of Days	Confidence Interval	Expenditures	Confidence Interval
Reside in County	82,584	26,612	\$156,214	\$72,837
Outside County but Within Region 8: Western Finger Lakes	69,416	*	\$561,137	*
In-Region Total	152,000	28,251	\$717,351	\$169,861
Region 1: Long Island	0	NA	\$0	NA
Region 2: New York City	493	497	\$7,534	\$7,981
Region 3: Lower Hudson Valley	401	470	\$3,342	\$3,974
Region 4: Capital Region / Northern Catskills	3,283	1,470	\$70,370	\$36,802
Region 5: Eastern Adirondacks / Lake Champlain	0	NA	\$0	NA
Region 6: Western Adirondacks / Eastern Lake Ontario	0	NA	\$0	NA
Region 7: Central New York	7,306	2,716	\$155,600	\$71,187
Region 9: Western New York	12,167	6,264	\$224,619	\$110,629
Total of Other Regions	23,650	**	\$461,465	**
Out of state	53,125	20,045	\$2,831,200	\$1,052,780
Total	228,776	36,001	\$4,010,017	\$1,074,993

Total includes a small percentage of anglers whose residence county was unknown.

*Determined through simple arithmetic (region total – county total); therefore, no CI was calculated.

**Determined as sum of all other regions; therefore, no CI was calculated.

Table 309. Species Fished for and Percent of Days in Yates County

Fished primarily for	Percent of Days
Smallmouth bass	29
Largemouth bass	18
Yellow perch	12
Lake trout	10
No preference	9
Brown trout	6
Rainbow trout	5
Sunfish	4
Bullhead	3

Shows only those species at 2% or higher.

Table 310. Mean Distance Traveled and Percent Satisfied in Yates County

Mean distance traveled in miles to fish in the county among anglers who fish in this county	67.8
Percent of anglers fishing in the county who are satisfied	66

Table 311. Yates County Economic Contribution of All Spending for Sportfishing by Residency, 2017				
	County Resident Anglers	State Resident (Non-County) Anglers	Out-of-State Anglers	All Anglers
Direct Effects				
Output	\$873,969	\$8,758,213	\$7,789,041	\$17,421,223
Value Added	\$357,502	\$3,521,788	\$2,700,540	\$6,579,830
Labor Income	\$198,487	\$2,157,093	\$1,042,116	\$3,397,696
Employment (Jobs)	9	47	26	82
Indirect Effects				
Output	\$110,634	\$864,502	\$811,051	\$1,786,187
Value Added	\$54,117	\$418,951	\$395,006	\$868,075
Labor Income	\$31,690	\$244,969	\$246,563	\$523,221
Employment (Jobs)	1	9	8	18
Induced Effects				
Output	\$79,274	\$830,582	\$441,309	\$1,351,165
Value Added	\$43,907	\$460,041	\$244,410	\$748,358
Labor Income	\$20,643	\$216,275	\$114,922	\$351,840
Employment (Jobs)	1	7	4	12
Total Effects				
Output	\$1,063,877	\$10,453,297	\$9,041,401	\$20,558,575
Value Added	\$455,526	\$4,400,780	\$3,339,956	\$8,196,263
Labor Income	\$250,820	\$2,618,337	\$1,403,602	\$4,272,758
Employment (Jobs)	11	63	38	111

Table 312. Tax Revenue Generated in Yates County from Economic Contributions of Anglers, 2017			
	State and Local Tax Revenues	Federal Tax Revenues	Total Tax Revenues
County Resident Anglers	\$145,952	\$58,201	\$204,153
State Resident (Non-County) Anglers	\$1,173,130	\$584,881	\$1,758,011
Out-of-State Anglers	\$1,401,377	\$370,378	\$1,771,755
All Anglers	\$2,720,458	\$1,013,460	\$3,733,919

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ABOUT RESPONSIVE MANAGEMENT

Responsive Management is an internationally recognized survey research firm specializing in natural resource and outdoor recreation issues. Our mission is to help natural resource and outdoor recreation agencies, businesses, and organizations better understand and work with their constituents, customers, and the public.

Focusing only on natural resource and outdoor recreation issues, Responsive Management has conducted telephone, mail, and online surveys, as well as multi-modal surveys, on-site intercepts, focus groups, public meetings, personal interviews, needs assessments, program evaluations, marketing and communication plans, and other forms of human dimensions research measuring how people relate to the natural world for more than 30 years. Utilizing our in-house, full-service survey facilities with 75 professional interviewers, we have conducted studies in all 50 states and 15 countries worldwide, totaling more than 1,000 human dimensions projects and almost \$70 million in research *only* on natural resource and outdoor recreation issues.

Responsive Management has conducted research for every state fish and wildlife agency and every federal natural resource agency, including the U.S. Fish and Wildlife Service, the National Park Service, the U.S. Forest Service, Bureau of Land Management, U.S. Coast Guard, and the National Marine Fisheries Service. Additionally, we have also provided research for all the major conservation NGOs including the Archery Trade Association, the American Sportfishing Association, the Association of Fish and Wildlife Agencies, Dallas Safari Club, Ducks Unlimited, Environmental Defense Fund, the Izaak Walton League of America, the National Rifle Association, the National Shooting Sports Foundation, the National Wildlife Federation, the Recreational Boating and Fishing Foundation, the Rocky Mountain Elk Foundation, Safari Club International, the Sierra Club, Trout Unlimited, and the Wildlife Management Institute. Other nonprofit and NGO clients include the American Museum of Natural History, the BoatUS Foundation, the National Association of Conservation Law Enforcement Chiefs, the National Association of State Boating Law Administrators, and the Ocean Conservancy. As well, Responsive Management conducts market research and product testing for numerous outdoor recreation manufacturers and industry leaders, such as Winchester Ammunition, Vista Outdoor (whose brands include Federal Premium, CamelBak, Bushnell, Primos, and more), Trijicon, Yamaha, and others.

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